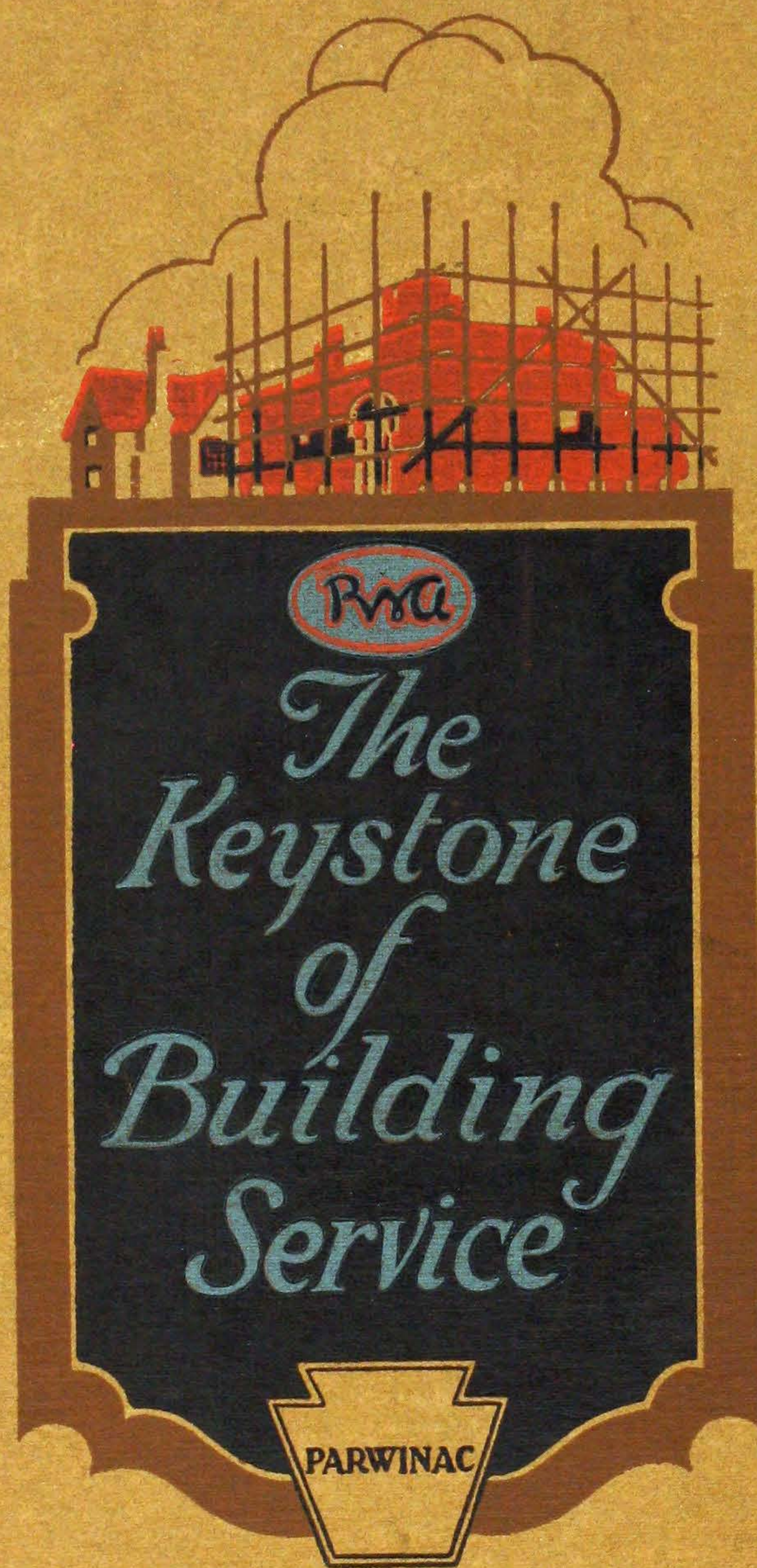




**PARKER WINDER
& ACHURCH LTD**

Broad St, & New St
BIRMINGHAM

**BRANCHES
LONDON
MANCHESTER
LEICESTER**

Established
1837



PARKER, WINDEF

BROAD

BIRMINGHAM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

To Eagle Oil & Shipping Co.
16 Finsbury Circus,
LONDON. EC.2.

Your

Dear Sirs,

We beg to acknowledge
17th instant and in accordance
you under separate cover two
SERVICE" catalogue, and for

Discounts from
our letters found at the bottom

COE - A	B	C	F
DISCOUNT	25%	30%	40%
			17½%

The first six
extra, and the last two lines

We trust these
in due course we shall be for
commands.

FLUCTUATIONS in Prices, together with alterations in designs
since publication have necessitated issuing this List of Revisions
for our catalogue "The Keystone of Building Service" in your
possession.

It will prevent mistakes being made if you would be good enough
to refer to this Revisions List before estimating or ordering.

To those who have given us their patronage we tender our thanks;
to others who have not yet done so we would give the reminder that for
quantities we often can quote lower prices and it cannot be otherwise
than to their advantage to send enquiries, whether goods are shown in
catalogue or not.

IMPORT DUTIES AND GOLD STANDARD :—Owing to Tariff
Duties on Foreign Goods, as notified in the Press, and also increased
cost of goods imported from countries where the Rate of Exchange
is against us, all prices of imported Goods are subject to any necessary
alterations.

ATTENTION IS CALLED TO THE FOLLOWING REVISED
LIST OF BRANCH ADDRESSES, TELEPHONE NUMBERS,
ETC.

Head Offices and Showrooms :
BROAD STREET, BIRMINGHAM, 1.
Telephone : Midland 5001 (Private Branch Exchange).
Telegrams : "Ironclad," Birmingham.

Fencing Showrooms :
EMPIRE BUILDINGS, BERKLEY STREET, 1.
Telephone : Midland 5001 (Extension 25A and 13B).

Parwinac Works :
GRANVILLE STREET, BROAD STREET, 1.
Telephone : Midland 5001 (Extension 14A and 28B).

Warehouses :
GAS STREET and BERKLEY STREET, BIRMINGHAM, 1.

London Offices and Showrooms :
8, GT. MARLBOROUGH STREET, REGENT STREET, W.1.
Telephone : Gerrard 5466 (3 lines).
Telegrams : "PARWINAC," WESDO, LONDON."

Warehouse :
61, POLAND STREET, OXFORD STREET., W.1.

Manchester Office and Showrooms :
16, JOHN DALTON STREET, 2.
Telephone : Blackfriars, 6375.
Telegrams : "FIREPLACES."
Warehouse : 9a, ST. JAMES SQUARE.

Coventry Office and Showrooms :
GOSFORD STREET. Telephone : Coventry 4960.

Branches at New Street, Birmingham and London Road, Leicester,
have now been closed.

REVISED PRICES

P. W. & A. LTD.

Page	Catalogue Number	Details.
Title		
xiii.	Alphabetical Index.	Cast Brass Cupboard turns are shown on page 244 but are not given in index.
xxvi.	Numerical Index.	PHO 5080 & PHO 5081 do not occur on page 166. Lines should be deleted.
xxvi.	"	Insert PHS 5135 on page 96.
xxix.	"	" PHO 8095 " 472.
xxix.	"	PHS 8719 does not occur on page 193. Line should be deleted.
13	PHS 5429 PHS 5443	Forward Pattern Lock Furniture, withdrawn in each case.
15	PHS 3605	Mortice Lock is stocked in sizes 2½", 3", 3½" and 4".
16	PHO 1100	Iron Gate Locks, stub ward, one brass bolt, self colour, 5" 35/- 5½" 36/9 6" 38/6 dozen. 3/2 3/3 3/6 each.
	PHO 1101	Ditto. solid ward, one brass bolt, self colour, 39/6 41/3 43/- dozen. 3/8 3/9 4/- each.
		If Japanned 1/9 dozen; 3d. each extra. If Galvanized 7/- " 9d. " "
	PHO 1102	Ditto. two brass bolts, with follower, stub ward, self colour, 57/- 57/9 58/9 dozen. 5/- 5/2 5/3 each.
	PHO 1103	Ditto. solid ward, self colour, 61/3 62/3 63/- dozen. 5/4 5/6 5/9 each.
		If Japanned 1/9 dozen. 3d. each extra. If Galvanized 7/- " 9d. " "
		Heavy Bushed pattern 1/9 dozen extra; 3d. each extra.
18	PHS 3608	Mortice Dead Lock. Revised Prices :—2", 2½" and 3" 3½" 4" 2-lever 7/- 7/6 7/9 each. 4-lever 8/9 9/- 9/6 " "
19	PHS 1186 PHS 1176	Upright Mortice Locks should be 111/- dozen, or 9/6 each. Grand Master Keys (at foot of page) to suit Mortice Lock should be 6/3 not 3/6 each.
22	PHS 1382	Stock Lock. Revised prices :—7" 4/3, 8" 4/9, 9" 5/6, 10" 6/3 each.
24	PHS 2012	Forward Pattern Lock Furniture. Revised prices :— Forward Mortice. Forward Rim. Polished Brass 10/3 9/9 per set. C.B.&R. on Brass 10/6 10/- " Bronze Metal 12/- 11/6 " B.M.A. 12/9 12/3 " Ox. Silver on Brass 13/9 13/3 "
25	PHS 1335 PHS 1336	"Extra for Suiting" wherever given on this page, should read 1/9 each, not dozen.
31	PHS 1312L	Rim Lock. Revised Prices ;— 2-lever 63/- doz. 5/6 each. 4-lever 73/6 " 6/3 "
32	PHS 1160	Weighted Rim Lock is now withdrawn but can still be supplied as Upright Rim Lock.
35	PHS 9172 PHS 9173	Shop Door Lock not now made in Kahala Bronze, but with Black Japanned Case. Illustration is left hand, not right hand lock as stated. Revised Prices :— PHS 9172 with Wood Handle, 16/9 each. PHS 9173 with Iron Handle, 15/- each.
36	PHO 9149	Shop Cylinder Door Lock. Revised prices :— Polished Brass. B.M.A. "A" Set 40/3 42/- set. "B" Set 54/6 57/- "
37	PHS 1252	Cylinder Latch. Price should read 7/9 each.
38	PHS 1249	Dead Lock. B.B. Cast Case not now supplied in 5".

3

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE: BLACKFRIARS 6375
TELEGRAMS: "FIREPLACES"

WAREHOUSE: 9a, ST. JAMES SQUARE.

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COVENTRY:

Gosford Street,

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COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

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1, 1

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BIRMINGHAM

ROOMS:

KEY STREET, 1.

DOORS 25A & 13B)

KEYS:

DOOR STREET, 1

DOORS 14A & 28B)

Street, BIRMINGHAM, 1

SHOWROOMS:

Regent Street, W.1.

5466 (3 LINES)
LONDON "

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL " " XXIII.

PARKER, WINDER

BROA

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REFERENCE
EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co.
16 Finsbury Circus,
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You

Dear Sirs,

We beg to acknowledge the receipt of your letter of the 13th instant and in accordance with your order under separate cover two copies of the "SERVICE" catalogue, and for

Discounts from the prices shown in the catalogue letters found at the bottom of the page.

COE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six items are extra, and the last two lines are

We trust these prices in due course we shall be able to command.

REVISED PRICES—continued

P.W. & A. LTD.

Page	Catalogue Number	Details.
39	PHS 6044	Stamped Steel Case Press Locks. Prices given are for galvanised. If japanned, prices will be 26/3 per dozen; 2/4 each.
41	PHS 6054 PHQ 1427	Brass Hook Bolt Sliding Door Lock. Size 2" not now made. Brass Till or Drawer Lock. Revised Prices:— 2" 106/9 2 1/2" 106/9 3" 120/9 dozen 10/- 10/- 11/- each.
42	PHS 6767	Postal Knocker. Plain Front, Revised Prices:— Brass, 8/9; Antique Coppered, 10/6; B.M.A., 12/9; Oxidised Silver on White Metal, 15/- each.
43	PHS 7033 PHS 35	Rim Lock with furniture as described should be 7/3 per set. Cupboard Bolts. Bronzed Spring. Iron with Brass Knob. Revised prices:— 3" 9/9 3 1/2" 10/3 4" 11/- 5" 13/3 6" 14/- dozen } Necked or Straight. 10d. 11d. 1/- 1/2 1/3 each } Japanned Brown.
45	PHO 6975	Ring Centre Door Handle. Revised prices:— Polished Brass 12/3 5" 15/9 each. C.B.&R. 14/- 17/6 " B.M.A. 16/9 20/3 " Ox. Silver on White Metal 21/- 25/6 "
	PHO 6976	Centre Door Handle, Beaded Ring. Revised prices:— Malleable Iron, Berlin Black 4" 5" 4/6 each. To suit Lock or Latch .. 2/8 4/- " With Fixed Handle .. 2/3 4/- " Polished Brass 13/3 16/9 " C.B.&R. 15/- 18/6 " B.M.A. 17/6 21/- " Ox. Silver on White Metal 22/9 27/3 "
46	PHQ 5868A	Hammered Latch. Sizes should be—Handle 7" long, Furniture 7".
48	PHS 5429 PHS 2023	Forward Pattern Lock Furniture—Withdrawn. Forward Pattern Lock Furniture. Revised prices:— Forward Mortice. Forward Rim. Polished Brass 9/9 9/3 per set. C.B.&R. on Brass 10/2 9/8 " Bronze Metal 10/9 10/3 " B.M.A. 11/- 10/6 " Ox. Silver on Brass .. 12/9 12/3 "
50	PHS 2104 PHS 2106	Mortice and Rim Furniture. Sizes of knobs given are for RIM, Mortice being 1/4" larger in each case.
52	PHQ 9506 PHQ 9502	Coat Hook. Correct size should be 1 1/4" x 2". Stainless Steel Hat and Coat Hook. Price should be—33/3 dozen; 3/- each.
	PHQ 9505	Stainless Steel Hat and Coat Hook. Price should be—40/- dozen; 3/6 each.
58	All Numbers.	All patterns on this page are withdrawn.
66	PHQ 8996	Lever Handle. This should be described as a Cupboard Door Lever Handle and is supplied only with fixed spindle.
67	PHO 2380	Finger Plate. Prices increased 1/- each, all round.
70	PHS 5608	Letter Plate. Prices for C.B. & R. on Brass should read 14/-; B.M.A., 15/- each.
70	PHS 7160	Letter Plate. Correct size and prices:— C.B. & R. Ox. Silver. Size 9 1/2" x 3 7/8". Pol. Brass on Brass. B.M.A. on White Metal. 15/9 17/6 18/6 22/- each
	PHS 7161	Hooded Letter Plate. Correct sizes and prices:— Size. C.B.&R. Ox. Silver (excluding Hood) Pol. Brass. on Brass. B.M.A. on White Metal 9" x 4 1/4" .. 24/6 27/9 29/- 36/9 each. 11" x 4 1/4" .. 35/- 39/6 42/- 51/9 "

Page	Catalogue Number	Details.
71	PHQ 9262	Letter Plate.* Revised prices as follow :— Polished Brass 17/6; C.B.&R. 19/3; B.M.A. 20/3; Chromium Plated 23/- each. *Much improved and more suitable handle different from the illustration.
	PHQ 9263	Letter Plate—now made in two sizes. Up-to-date prices as follow :— Polished Brass. C.B.&R. B.M.A. Chromium Plated. 8" x 4" .. 9/9 10/6 11/6 12/3 each. 10" x 4" .. 12/3 13/3 14/3 15/6 "
	PHS 9264 PHS 9265 PHS 9266 PHS 9267 PHS 9268 PHS 9269	Combined Postal Handles and Bell Plates. All patterns and prices withdrawn.
	PHS 6918	
	PHS 9274	Lock Furniture. Polished Brass. C.B.&R. on Brass. B.M.A. Chromium Plated. Maces or Pitt's Rim 12/- 13/9 14/9 15/9 Pitt's Mortice .. 12/3 14/- 15/- 16/-
73	PHS 6760	Centre Door Knob :— Pol. Brass 5/9; C.B.&R. 6/3; B.M.A. 7/3; Chrom. Plated 8/3 Postal Knocker, Revised Prices :— Polished Brass, 11/6; Antique Coppered, 12/3; B.M.A., 13/3. Oxidised Silver on White Metal not now supplied.
74	PHQ 5610	Bell Push. Correct size of backplate 4" x 2".
75	PHS 7305 PHS 7306	Bell Push. Revised Prices :— PHS 7305 4/1. PHS 7306 5/8 each.
78	PHQ 8998	Door Handle. Now supplied in two sizes, (note size alterations). Prices as follow :— Polished Brass. C.B.&R. B.M.A. Chromium Plated. 12" x 3" .. 14/6 16/9 17/9 18/6 15" x 3" .. 17/6 21/- 22/- 24/-
82	PHQ 8999	Door Handle :— Polished Brass. C.B.&R. B.M.A. Chromium Plated. 17/6 22/- 23/- 24/9
85	PHS 5713	Sash Handle. Size 5½" given should read 8".
86	PHS 450	Cupboard Bolts. Revised Prices :— 3" 3½" 4" 5" 6" 5/3 6/3 7/- 10/6 13/3 doz. 7d. 8d. 9d. 1/- 1/2 each. 9/9 10/3 11/- 13/3 14/- doz. 10d. 11d. 1/- 1/2 1/3 each.
	PHS 9287	Straight or necked.
91	PHQ 9062 PHQ 9063 PHQ 9064	
	PHS 9270	Gothic Casement Bolts. Revised prices :— 9062 9063 9064 Doz. 9/9 12/3 15/- 9/9 12/3 15/- 9/9 12/3 15/- Each 1/- 1/2 1/4 1/- 1/2 1/4 1/- 1/2 1/4
92	PHS 11 PHS 67	Wood Letter Box, now discontinued. A slightly different pattern 18" x 10" x 5" can be supplied at 10/- each. Square Spring Bolts. Revised Prices :— Size .. 6" 8" 10" 12" 14" 16" 18" PHS 67 5/8 .. 1/9 2/4 2/11 3/6 4/1 4/8 5/3 each. 3/4 .. 2/3 2/11 3/8 4/6 5/2 5/10 6/8 " PHS 11 7/8 .. 2/8 3/6 4/6 5/3 6/2 7/- 8/- "
92	PHS 12 PHS 73	Monkey Tail Bolts. Revised prices :— Size 12" 15" 18" 24" 30" 36" 42" 48" 54" 60" PHS 73 3/4 3/6 4/6 5/3 7/- 8/9 10/6 12/3 14/- 15/9 17/6 each. PHS 12 7/8 4/6 5/6 6/8 8/9 11/- 13/3 15/4 17/6 19/9 22/- " If supplied with Bow Handle, 1/- each extra. Staples, Plates or Sockets for Stone at extras stated in Catalogue.
	PHQ 2669	Monkey Tail Bolt. Price of B.M.A. increased to 56/- each.
93	PHQ 6152	Gothic Bolt. Price of 6" should read 42/- dozen; 3/8 each.

MANCHESTER :

16, John Dalton Street, 2

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TELEGRAMS : "FIREPLACES"

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D, LONDON "

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL ,, ,, XXIII.

GENERAL CATALOGUE No. 271/00428.

CABLEGRAM "IRONCLAD, BIRMINGHAM"
TELEPHONE MIDLAND 5001 (17 LINES)

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PARKER, WINDER

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EXPORT DEPARTMENT WHC/KLW.

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orders.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
93	PHS 5771	Drop Bolt. Revised prices :— Size .. 15" 18" 21" 24" 30" 36" 42" 48" 54" 60" " .. 4/9 5/9 6/8 7/6 9/6 11/3 13/2 15/- 17/- 18/9 each. " .. 6/- 7/3 8/4 9/6 12/- 14/3 16/8 19/- 21/6 23/9 " " .. 7/- 8/3 9/8 11/- 13/9 16/6 19/3 22/- 24/9 27/6 "
94	PHS 1a	Brenton's Padlock Bolts. Revised prices :— Size .. 6" 7" 8" 10" 12" 14" 16" Japanned .. 14/3 15/6 16/9 19/9 24/- 27/- 30/9 dozen. Galvanized .. 16/9 18/6 19/9 24/6 29/- 33/3 36/9 "
	PHS 3	Steel Socket Bolt. Revised Prices :— 4" 5" 6" 7" 8" 4/3 5/- 6/- 7/- 9/9 dozen.
	PHS 8 PHS 9 PHS 903	Barrel Bolts. Revised prices :— PHS 8 .. 3 1/2" 4" 6" 7" 8" 9" 10" PHS 9 .. — 10/6 15/9 18/6 21/- 23/9 26/3 dozen. PHS 903 .. 4/6 4/9 6/3 7/- 8/- 8/9 9/6 " PHS 8 .. 12" 14" 16" 18" 20" 24" PHS 9 .. 31/6 36/9 42/- 47/3 52/6 63/- " PHS 903 .. 27/3 — — — — — " Extra for Necked PHS 8 4/- doz. ; PHS 9 3/6 doz. ; PHS 903 3/- doz. extra. 6" 7" 8" 9" 10" 12" 14" 16" 18" 20" 24" 23/3 27/3 31/- 34/9 38/9 46/6 54/- 61/9 69/6 77/- 92/6 dozen. Necked, 5/9 dozen extra.
	PHS 10	Barrel Bolts. Revised prices :— 3" 3 1/2" 4" 5" 6" 4/9 5/3 5/9 6/9 7/6 dozen. Straight or Necked.
	PHS 15	4" 6" 7" 8" 9" 10" 12" 14" 16" 18" 20" 24" 12/9 19/- 22/- 25/3 28/3 31/6 37/9 44/3 50/3 57/- 63/- 75/9 doz. Note : Not made necked.
94	PHS 81	Tower Bolts. Revised prices :— PHS 8 4" 5" 6" 7" 8" 9" 10" 12" PHS 9 5/3 6/6 8/- 9/3 10/6 11/9 13/3 15/9 dozen. PHS 75 4/6 5/9 7/- 8/- 9/- 10/3 11/6 13/6 " PHS 77 5/6 6/9 8/3 9/6 10/9 12/3 13/6 16/6 " PHS 77 6/3 8/- 9/6 11/- 12/6 14/3 15/9 18/9 " Extra for Necked, PHS 8 4/- doz. ; PHS 9 3/6 doz. ; PHS 75 (not made) PHS 77 4/9 doz. extra. Extra for Galvanized, 28/- cwt. extra.
	PHQ 7040	Padlock Bolts. Revised prices :— Size .. 6" 8" 10" 12" 14" 16" 18" Shoot 1" .. 17/6 23/9 29/- 34/9 40/3 46/6 52/- dozen. " 1 1/2" .. 23/3 30/9 38/6 46/6 53/9 61/9 69/3 " " 2" .. 29/- 38/6 48/3 57/9 67/6 77/- 88/6 "
96	PHS 7030 PHS 125	Style Bolt. Price of Malleable Iron B.B. increased to 14/- doz. ; 1/4 ea. Steel Butts. Revised prices :— 2 1/2" 3" 3 1/2" 4" 6/3 7/9 9/9 11/6 doz. pairs. 7d. 8d. 10d. 1/- per pair.
	PHS 250	Steel Butts. Revised prices :— Size .. 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 6" Dozen Pairs .. 3/5 4/3 5/8 7/2 8/9 12/11 16/3 23/- Per pair .. 4 1/2d. 5d. 6 1/2d. 8d. 9 1/2d. 1/2 1/6 2/-
	PHS 5135	Size .. 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 6" Dozen pairs .. 1/5 1/10 2/10 3/6 4/6 6/3 8/3 11/6 Per pair .. 2d. 2 1/2d. 3 1/2d. 4 1/2d. 5 1/2d. 8d. 10d. 1/1
	PHS 6114	Bronze Plated Wrought Steel Butts, Ball Bearing (Foreign manufacture) "C" basis. 2 1/2" x 2 1/2" 3" x 3" 3 1/2" x 3 1/2" 4" x 3" 4" x 4" 5" x 4" 5" x 5" 3/8 4/- 4/2 4/6 4/10 7/10 8/2 pair.
	PHS 6115	Ditto. but without Ball Bearing, 1/6 1/8 1/10 2/- 2/2 3/10 4/- "

P. W. & A. LTD.

Page	Catalogue Number	Details.
98	PHS 1795	Cast Brass Butts. 1st, size should read 2" x 1½" not 2" x 1¼".
99	PHO 1853	Cast Brass Rising Butt Hinges. 3" x 2¼" 12/9 3½" x 2½" 15/3 4" x 2¾" 18/9 4½" x 3¼" 23/9 5" x 3½" 27/3 pair.
	PHO 1853A	New Medium Heavy Suite Butt Hinge, introduced. 3" x 2½" 17/6 3½" x 3" 20/9 4" x 3½" 23/3 4½" x 3¾" 29/6 5" x 3¾" 32/3 pair.
	PHO 1854	Cast Brass Rising Butt Hinges. 3" x 2¾" 18/6 4" x 3½" 25/3 4" x 4" 27/3 4½" x 4½" 32/3 5" x 4½" 37/9 6" x 5½" 63/3 pair.
	PHO 9168	Rising Machine-made Butt Hinge. Prices cancelled. Revised prices as follow :— Medium Suite. Length 3" 3½" 4" Width open 2¾" 2½" 2¼" Polished & Lacquered 8/9 10/- 12/6 per pair. B. M. A. Finish 10/- 11/3 13/9 " Strong Suite. Length 3½" 4" 4½" 5" Width open 2¾" 3¼" 3½" 4" Polished & Lacquered 12/2 13/9 19/3 25/3 per pair B. M. A. Finish 13/2 15/- 20/6 27/6 "
102	PHS 5869	"Forward" Frictionless Door Rollers (Foreign). Revised prices :—
	PHS 5870	Door Roller for Heavy Doors 21/6 dozen. " " " Lighter " 11/6 "
	PHS 6759	Track suitable for either size Rollers 11/3 per 100 ft. (English made).
106	PHQ 3061	Track with half-round edge .. 18/6 " " " "
	PHQ 3062-5	The "Aidsu" Hydraulic Spring and Check—size discontinued in both Single and Double Action Types. Ditto. Sizes and prices revised as follow :—
		SINGLE ACTION SPRINGS.
		PHQ 3062 PHQ 3063 PHQ 3064 PHQ 3065
		Overall sizes (depth includes Boss) .. 10 x 5¼ x 3" 11¼ x 5¾ x 4½"
		Size of coverplate .. 11 x 5½" 13 x 6½"
		With Brass Trough or Single Shoe .. 92/9 106/3 (108/6)
		With Brass Adj. Shoe and Adj. Top Centre Extra for Outer Box for Concrete .. 8/6 10/9
		Outer Box sizes .. 5¼ x 10½ x 3" 6 x 12½ x 3"
		DOUBLE ACTION SPRINGS.
		Overall sizes (depth includes Boss) .. 9⅞ x 5½ x 3¾" 11⅝ x 5¾ x 4½"
		Size of coverplate .. 11 x 5½" 13 x 6½"
		With adj. Top Centre .. 103/3 111/9 (114/6)
		With Brass Adj. Shoe and Adj. Top Centre .. 114/6 123/- (135/6)
		Extra for Outer Box for Concrete .. 10/9 12/9
		Outer Box sizes .. 5¾ x 10¼ x 2¾" 5½ x 12¼ x 3¾"
	PHQ 3066-7	The "Aidsu" Shallow Spring and Check—sizes and prices revised :— PHQ 3066 PHQ 3067
		Overall sizes (No Boss) Double or Single Action .. 8¾ x 8½ x 1¼" 8¾ x 8½ x 1¼"
		Size of Coverplate, Double or single Action .. 9¼ x 8½" 9¼ x 8½"
		With Brass Trough or Single Shoe and Adjustable Top Centre .. 112/3 122/6
		With Brass Adj. Shoe and Adj. Top Centre .. 123/3 133/2
		Extra for Outer Box for Concrete .. 10/9 10/9
		Outer Box sizes .. 7½ x 9¼ x 1⅜" 7½ x 9¼ x 1⅜"

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE : BLACKFRIARS 6375
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WAREHOUSE : 9a, ST. JAMES SQUARE.

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COVENTRY:

Gosford Street,

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COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL ,, ,, XXIII.

CABLEGRAM "IRONCLAD, BIRMINGHAM"
TELEPHONE MIDLAND 5001 (17 LINES)

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P. W. & A. LTD.

Page	Catalogue Number	Details.
107	PHQ 3059-60	The "Leo" Patent Adjustable Door Spring—Double Action only. Overall sizes (depth includes Boss) PHQ 3059 PHQ 3060 Size of Coverplate .. 8 1/2 x 7 1/4 x 3 1/4" 11 1/4 x 9 1/4 x 5 1/4" With Brass Trough, Shoe and Adj. 10 x 7 1/4" 12 1/4 x 10 1/4" Top Centre .. 101/3 154/3 With Brass Adj. Shoe and Adj. Top Centre .. 112/3 165/4 Extra for Outer Box for Concrete .. 16/- 21/3 Outer Box sizes .. 7 1/4 x 9 1/4 x 2 1/4" 10 x 13 1/4 x 3 1/4"
108	PHQ 3040	The "Sensitive" Door Spring Gear. Makers have discontinued making. The following Catalogue Nos. are therefore withdrawn:— PHQ 3040/1/2/3/4/5/6.
	PHQ 3047	The "Ironclad" Patent Model Door Spring. Size discontinued in both Single and Double Action Springs. Overall sizes (depth includes Boss) PHQ 3048 PHQ 3049 Size of Coverplate .. 7 1/4 x 6 1/4 x 3 1/4" 7 1/4 x 6 1/4 x 3 1/4" With Brass Trough Shoe and Adj. 8 1/4 x 6 1/4" 8 1/4 x 6 1/4" Top Centre .. 53/9 58/- With Brass Adj. Shoe and Adj. Top Centre .. 65/- 69/3 Extra for Outer Box for Concrete .. 8/6 8/6 Outer Box sizes .. 6 1/4 x 8 x 2 1/4" 6 1/4 x 8 x 2 1/4"
111	PHS 2698	Flush Catches. Sizes 1" x 1/4" and 1 1/2" x 1 1/2" not now made.
	PHS 6816	Pneumatic Buffer Stops. Small 33/3 gross. 3/- dozen. 4d. each. Medium 48/3 " 4/3 " 6d. " Large 74/6 " 6/3 " 8d. "
	PHS 2737	Bale's Ball Latches. No. 2A 3A 4 5 6 7 8 9 9A 3/6 4/- 4/9 6/- 7/- 8/9 11/6 16/3 20/6 dozen.
	PHS 2699	Ball Catches. 14/6 15/9 16/9 35/- 43/9 gross. 1/4 1/5 1/6 3/2 3/9 dozen.
	PHS 2867	Rubber Moulded Door Stop. Small model not now supplied. Revised Price of Medium 1 1/8" x 1" Red 23/9 gross 2/3 dozen. Large " 1 1/8" x 1" Drab 26/- " 2/6 " " 1 1/8" x 1" Red 30/6 " 2/9 " " 1 1/8" x 1" Drab 33/- " 3/- " Large Model also stocked in colours—Black, Brown, Green, Red, Blue and White. 3/3 dozen. 4d. each.
112	PHS 5883	Automatic Door Holder superseded by improved pattern—prices as follow:— Berlin Black .. 2/1 each. Sheradized B.B. .. 2/4 " Parwinac Finish .. 2/4 " Other prices unaltered.
	PHS 5740	Door Stops and Holders. Bronzed Iron now .. 5/- each.
	PHS 5741	" " " B.M. Polished .. 11/3 "
	PHS 5881	" " " Japanned .. 1/1 "
		" " " A.C. on Iron .. 2/- "
	PHS 5880	" " " B.M. Polished .. 4/8 "
		" " " A.C. Bronzed Iron .. 1/8 "
		" " " Japanned Iron .. 1/- "
		" " " B.M. Polished .. 3/6 "
113	PHS 3073	New Togo Door Spring. Size B. Antique Coppered should be 49/6 ea.
114	PHS 2860	Yale Door Spring and Check. Prices reduced, and a smaller model introduced, as follow:— No. No. No. No. No. No. *570 *71 *72 *73 74 75 (New Model). 20/6 21/6 26/- 30/3 37/3 49/3 each. *Stock Patterns.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
119	PHO 7148	Handrail Bracket. Made in 2 finishes only—Polished and Lacquered Brass—and Bronze Metal Antique. Prices given as per dozen should be "each." Those given for "each" should be deleted.
120	PHQ 2079 PHQ 5966	Handrail Bracket. Prices reduced :—2½", 11d. and 3¼", 1/1 each. Desk Rails. Revised prices for pattern illustrated :— Size of Pillar 1" 1½" " " Rail 7⁄8" 1" Pillars 10/6 12/9 each. Crutches 22/- 24/6 " Railing, Cased 1/2 1/4 ft. run. " All Brass 2/- 2/3 " " Usual height, 12" to top of Rail.
125	PHQ 5829	Casement Stay. Brass. C.B.&R. on Brass. B.M.A. 69/3 72/- 88/3 dozen. 6/- 6/3 7/6 each.
126	PHQ 5830	Casement Fastener. This number should read PHQ 5820 under illustration.
128	PHS 1942	Casement Stay. Withdrawn.
	PHS 1946	Casement Fastener. Withdrawn.
130	PHS 9236	Casement Fastener, also made in stronger pattern at the following prices :— Polished Brass B.M.A. Oxidised Silver on Brass. Doz. Each. Doz. Each. Doz. Each. Slot Plate .. 22/9 2/- 28/- 2/6 36/9 3/3 Hook Plate .. 26/3 2/4 31/6 2/9 40/3 3/6 Mullion Plate 29/9 2/8 35/- 3/- 43/9 3/9 When ordering, please state whether above or lighter patterns are required.
131	PHS 6303	Casement Fastener, also made in stronger pattern, prices as follow :— Polished Brass. B.M.A. Oxidized Silver on Brass. Doz. Each. Doz. Each. Doz. Each. Slot Plate .. 26/3 2/4 31/6 2/9 40/3 3/6 Hook Plate 29/9 2/8 35/- 3/- 43/9 3/9 Mullion Plate 33/3 3/- 38/6 3/4 47/3 4/2 When ordering please state whether above or lighter patterns are required.
131	PHS 9305	Casement Fastener, also made in Medium and stronger patterns, prices as follow :— Wedge Pattern only. B.B. Sheradized Rust- Berlin Black less. Polished Brass C.B.&R. on Brass B.M.A. Oxidised Silver on Brass. Medium Pattern (not stocked). 8/9 11/6 11/6 32/6 36/- 38/6 52/- dozen 10d. 1/1 1/1 2/10 3/2 3/5 4/6 each. Strong Pattern. 11/6 14/- 12/9 35/- 38/6 42/- 59/6 dozen 1/1 1/3 1/2 3/2 3/4 3/8 5/2 each. When ordering please state whether Light, Medium or Strong patterns are required.
133	PHS 1940 PHS 1941	"County" Sash Openers. Prices and description should read : PHS 1940 Brass 9/6 per set ; B.M.A., 11/3 per set. PHS 1941 Is as No. PHS 1940 but without Fastener. Price 5/3 per set.
134	PHS 6370 PHS 6371	Screw Pulleys. Revised Prices :— 1" 1¼" 1½" 1¾" 2" 2½" 3" Single PHS 6370 3/1 3/6 4/- 4/8 5/7 8/2 11/3 doz. Double PHS 6371 6/- 6/9 7/5 8/11 10/6 14/11 20/10 "
135	PHS 1473	Sash Fasteners "New Brighton" Prices should read :— Polished Brass, 30/3 doz., 2/9 each ; Pol. Bronze Metal, 36/4 doz., 3/3 each ; B.M.A., 37/9 doz., 3/6 each.

9

MANCHESTER :

16, John Dalton Street, 2

TELEPHONE : BLACKFRIARS 6375
TELEGRAMS : "FIREPLACES"

WAREHOUSE : 9a, ST. JAMES SQUARE.

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COVENTRY :

Gosford Street,

TELEPHONE :
COVENTRY 4960

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1, 1

BROAD STREET, 1

NCH EXCHANGE)
RMINGHAM

DOMS :

LEY STREET, 1.

ONS 25A & 13B)

RKS :

D STREET, 1

IONS 14A & 28B)

Street, BIRMINGHAM, 1

LOWROOMS :

Regent Street, W.1.

5466 (3 LINES)
O, LONDON "

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL

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XXIII.

PARKER, WINDEF

BROA
BIRMI

REFERENC
EXPORT DEPARTMENT WHC/KLW.

To Eagle Oil & Shipping Co.
16 Finsbury Circus,
LONDON. EC.2.

Your

Der Sirs,

We beg to acknow
lth instant and in accordan
you under separate cover two
SERVICE" catalogue, and for

Discounts from
our letters found at the b

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six
extra, and the last two lin

We trust these
in the course we shall be f
conands.

REVISED PRICES—continued

P.W. & A. LTD.

Page	Catalogue Number	Details.																																																																																																									
135	PHQ 1481	"Ives" Sash Fastener, also made in stronger pattern, prices as follow : <table><tr><td>Bronzed Iron.</td><td>Sanded Brass.</td><td>Polished Brass.</td><td>Polished Gun-Metal</td><td>B.M.A.</td></tr><tr><td>8/-</td><td>28/-</td><td>31/6</td><td>33/3</td><td>35/- Doz.</td></tr><tr><td>9d.</td><td>2/6</td><td>2/9</td><td>3/-</td><td>3/2 each.</td></tr></table> When ordering please state whether above or lighter patterns are required.	Bronzed Iron.	Sanded Brass.	Polished Brass.	Polished Gun-Metal	B.M.A.	8/-	28/-	31/6	33/3	35/- Doz.	9d.	2/6	2/9	3/-	3/2 each.																																																																																										
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138	PHS 5866	Sash Handle. Size should read 5½" overall, not 7½".																																																																																																									
139	PHS 8750	Pullman Sash Balance. Depth of Mortice for Unit M. should read in both cases 5¼" not 5½". No. 12K discontinued.																																																																																																									
143	PHS 6651	Screw Sash Pivots. Prices of "All Iron" reduced :—1¼", 6/9; 2", 7/3 per doz. sets of 4 pieces. Gun metal prices remain unaltered.																																																																																																									
	PHS 1818	Sash Centre. Delete word "Sets" below the number as prices are per dozen.																																																																																																									
144	PHS 2648	Copper Centre Sash Cord. Revised prices :— Size 4 5 6 Per gross yards .. 61/3 75/3 87/6																																																																																																									
144	PHS 2649	"Samson Spot" Solid Braided Cotton Sash Line. 6 7 8 9 10 12 35/- 42/- 50/9 63/- 84/- 115/6 gross yds.																																																																																																									
	PHS 3037	Coloured Spot Solid Braided Cotton Sash Line. 6 7 8 9 10 12/9 14/6 18/- 21/9 27/6 gross yds.																																																																																																									
144	PHS 2581	"Ironclad" Solid Braided Cotton Sash Line. 6 7 8 9 10 12/3 14/- 17/- 20/6 24/6 gross yds.																																																																																																									
144	PHS 2659	Plaited Sash Line. Revised Prices per gross yards :— <table><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>White Jute</td><td>6/3</td><td>7/-</td><td>8/-</td><td>8/6</td><td>10/6</td><td>12/3</td></tr><tr><td>Best Hemp</td><td>8/6</td><td>9/3</td><td>10/3</td><td>11/6</td><td>14/6</td><td>17/6</td></tr><tr><td>Super Flax</td><td>9/9</td><td>11/-</td><td>12/-</td><td>13/3</td><td>16/9</td><td>20/3</td></tr><tr><td>Flax (Yellow Label)</td><td>13/3</td><td>15/6</td><td>20/-</td><td>25/6</td><td>32/6</td><td>40/-</td></tr><tr><td>Best Flax (Red Label)</td><td>15/3</td><td>18/6</td><td>23/6</td><td>30/3</td><td>38/6</td><td>47/-</td></tr><tr><td>Best Fine Twine (Green Label) ..</td><td>16/3</td><td>24/3</td><td>34/-</td><td>43/6</td><td>55/-</td><td>67/-</td></tr><tr><td>Extra Fine Twine (Blue Label) ..</td><td>23/3</td><td>36/6</td><td>54/9</td><td>72/9</td><td>90/6</td><td>108/6</td></tr><tr><td>White Jute</td><td>14/-</td><td>15/9</td><td>17/6</td><td>19/3</td><td>21/-</td><td>22/9</td></tr><tr><td>Best Hemp</td><td>20/6</td><td>23/9</td><td>26/9</td><td>29/9</td><td>33/-</td><td>37/9</td></tr><tr><td>Super Flax</td><td>23/9</td><td>27/3</td><td>30/9</td><td>34/3</td><td>37/9</td><td>41/3</td></tr><tr><td>Flax (Yellow Label)</td><td>46/6</td><td>53/9</td><td>60/6</td><td>67/9</td><td>82/-</td><td>109/9</td></tr><tr><td>Best Flax (Red Label)</td><td>55/3</td><td>63/6</td><td>71/9</td><td>80/3</td><td>—</td><td>96/9</td></tr><tr><td>Best Fine Twine (Green Label)</td><td>78/9</td><td>90/9</td><td>102/6</td><td>114/6</td><td>—</td><td>138/6</td></tr><tr><td>Extra Fine Twine (Blue Label) ..</td><td>126/9</td><td>144/6</td><td>175/-</td><td>180/-</td><td>—</td><td>216/-</td></tr></table>		1	2	3	4	5	6	White Jute	6/3	7/-	8/-	8/6	10/6	12/3	Best Hemp	8/6	9/3	10/3	11/6	14/6	17/6	Super Flax	9/9	11/-	12/-	13/3	16/9	20/3	Flax (Yellow Label)	13/3	15/6	20/-	25/6	32/6	40/-	Best Flax (Red Label)	15/3	18/6	23/6	30/3	38/6	47/-	Best Fine Twine (Green Label) ..	16/3	24/3	34/-	43/6	55/-	67/-	Extra Fine Twine (Blue Label) ..	23/3	36/6	54/9	72/9	90/6	108/6	White Jute	14/-	15/9	17/6	19/3	21/-	22/9	Best Hemp	20/6	23/9	26/9	29/9	33/-	37/9	Super Flax	23/9	27/3	30/9	34/3	37/9	41/3	Flax (Yellow Label)	46/6	53/9	60/6	67/9	82/-	109/9	Best Flax (Red Label)	55/3	63/6	71/9	80/3	—	96/9	Best Fine Twine (Green Label)	78/9	90/9	102/6	114/6	—	138/6	Extra Fine Twine (Blue Label) ..	126/9	144/6	175/-	180/-	—	216/-
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146	PHS 2133-2138	Secret Axle Pulleys. Prices Reduced :— <table><tr><td></td><td>1¾"</td><td>2"</td><td>2½"</td></tr><tr><td></td><td>dozen.</td><td>each.</td><td>dozen.</td><td>each.</td><td>dozen.</td><td>each.</td></tr><tr><td>PHS 2133 ..</td><td>2/6</td><td>4d.</td><td>3/9</td><td>5d.</td><td>5/9</td><td>7d.</td></tr><tr><td>PHS 2134 ..</td><td>5/3</td><td>6d.</td><td>6/7</td><td>8d.</td><td></td><td></td></tr><tr><td>PHS 2135 ..</td><td>6/3</td><td>7d.</td><td>7/9</td><td>9d.</td><td></td><td></td></tr><tr><td>PHS 2136 ..</td><td>5/-</td><td>6d.</td><td>7/-</td><td>8d.</td><td></td><td></td></tr><tr><td>PHS 2137 ..</td><td>8/-</td><td>10d.</td><td>11/-</td><td>1/-</td><td></td><td></td></tr><tr><td>PHS 2138 ..</td><td>10/-</td><td>11d.</td><td>14/-</td><td>1/3</td><td></td><td></td></tr></table>		1¾"	2"	2½"		dozen.	each.	dozen.	each.	dozen.	each.	PHS 2133 ..	2/6	4d.	3/9	5d.	5/9	7d.	PHS 2134 ..	5/3	6d.	6/7	8d.			PHS 2135 ..	6/3	7d.	7/9	9d.			PHS 2136 ..	5/-	6d.	7/-	8d.			PHS 2137 ..	8/-	10d.	11/-	1/-			PHS 2138 ..	10/-	11d.	14/-	1/3																																																						
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PHS 2138 ..	10/-	11d.	14/-	1/3																																																																																																							
146	PHS 3023	Washer and Split Pin for Sash Chain. Price should be 3½d. per set of four (not 3/6).																																																																																																									

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
147	PHQ 5764	Ball Bearing Axle Pulleys. Revised Prices :— Diameter of Wheel 1 3/4" 2" 2 1/4" 2 1/2" With Cast Brass Face Iron Wheel 25/- 28/3 34/9 48/3 Brass Wheel 28/- 31/6 39/- 54/9 Gun-Metal Wheel .. 29/6 33/3 41/- 57/9 Square Groove for Chain, extra :— Iron Wheel 5d. 6d. 7d. 7d. Brass Wheel 9d. 11d. 1/1 1/1 Gun-Metal Wheel .. 11d. 1/1 1/4 1/4 Diameter of Wheel 2" 2 1/4" 2 1/2" If with Cog Wheels Brass Cast Face, Iron Wheel 69/9 109/3 153/9 Gun-Metal Wheel 83/- 127/6 180/- Price per dozen.
152	PHQ 6004 PHQ 6005 PHQ 6017 PHQ 6018	Umbrella Holders. Prices are inclusive of pan, which is not illustrated Umbrella Holders. Prices given for "B.M.A." are for "B.M.A. on Brass."
175	PHO 9749	Standard Metal Windows. No. 38 with Gauze, Price should read 25/-
181	PHO 9009	Baffler Hopper Casements. Where priced per pair the wording should read "each" in every case.
184	PHO 5009	Galvanized Locks with Brass Wards and Octagon Furniture, list price should read 12/- each for all numbers and not 4/- and 3/- as now given.
185	PHO 5010	
186	PHO 5027	
	PHO 5028	
	PHO 5011	
	PHO 9090	Line "Can be supplied with lighter Standards" should be deleted.
	PHO 5009	Price of Gate fitted with Japanned Drawback Latch Lock, or with Lift-up Latch, should read £2 . 12 . 6 instead of £2 . 10 . 0.
	PHO 5010	Line "Can be supplied with lighter Standards" should be deleted.
	PHO 9090	Line "As above. but with Hanger and Locking Box for Piers in place of Standards and Braces," price should read £2 . 17 . 0 not £2 . 8 . 6.
193	PDQ 8426	Stair Rod. is not Solid Brass as stated but should be described as Solid Brass Turned Ends, Brass Cased Tubing.
195	PHQ 9730 PHQ 9731	Cue Clips. Top line of price should read "Per gross" not "Per dozen." " " Bottom " " " "Per dozen" not "Each."
198	PHS 8800 PHQ 8801	Cabinet Handles. Sizes should be Large 4 1/4" Medium 3 1/2" Small 2 1/2" " " " " " 2 1/4" " 2 1/4" " 1 3/4"
199	PHS 8617	Cabinet Handle. Pattern withdrawn.
200	PHS 8636 etc.	Cabinet Handles. First 4 lines should read :— Size 2 1/2" 3 1/2" 4 1/4" Pedestal Cupboard Wardrobe Antique Brass* .. 10/6 13/2 16/8 15/- 16/8 17/6 doz. Ox. Silver on Brass 17/6 20/8 24/6 22/9 24/6 26/3 " Jewel Drawer Chest Pedestal Wardrobe Cupboard Turn. Ox. Silver on Brass* 11/6 12/6 13/9 13/9 15/- 15/- doz. " " " 1/- 1/2 1/3 1/3 1/6 1/6 each *Asterisk denotes stock finish.
	PHS 8639 PHS 8640 PHS 8641 PHS 8648 PHS 8649 PHS 8650 PHS 8636 PHS 8637 PHS 8638 PHS 8642 PHS 8643 PHS 8644 PHS 8645/6/7 PHS 8657/8/9	Cabinet Handles. Not now supplied.
203	PHS 5430	"ParWinAc" Ball Bearing Cornice Pole Rings now discontinued.

11

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE : BLACKFRIARS 6375
TELEGRAMS : "FIREPLACES"

WAREHOUSE : 9a, ST. JAMES SQUARE.

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1, 1

BROAD STREET, 1

CH EXCHANGE)
RMINGHAM

DOMS:

LEY STREET, 1.

IONS 25A & 13B)

RKS:

D STREET, 1

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Street, BIRMINGHAM, 1

LOWROOMS:

Regent Street, W.1.

5466 (3 LINES)
O, LONDON"

COVENTRY:

Gosford Street,

TELEPHONE :
COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL

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XXIII.

CABLEGRAM "IRONCLAD, BIRMINGHAM"
TELEPHONE MIDLAND 5001 (17 LINES)

EST

PARKER, WINDEF

BROA

BIRMI

REFERENC

EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co.
16 Finsbury Circus,
LONDON. EC.2.

Your

Der Sirs,

We beg to acknowledge
13th instant and in accordance
you under separate cover two
SERVICE" catalogue, and for

Discounts from
our letters found at the bottom

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six
extra, and the last two lines

We trust these
in due course we shall be for
commands.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.																																																								
203	PHS 5350 PHS 5351	Glydo Curtain Rail and Accessories. Prices revised as follow :— <table><tr><th></th><th>PHS 5350</th><th>PHS 5351</th></tr><tr><td>Rail of</td><td>Ordinary Strength</td><td>Extra Strong</td></tr><tr><td>Brass Rail with N.P. Brass Rustless Runners</td><td>1/-</td><td>1/4 foot.</td></tr><tr><td>Ditto. C.B. & R. Finish</td><td>1/6</td><td>1/10 "</td></tr><tr><td>Ditto. Oxidized Silver Finish</td><td>2/3</td><td>2/7 "</td></tr></table>		PHS 5350	PHS 5351	Rail of	Ordinary Strength	Extra Strong	Brass Rail with N.P. Brass Rustless Runners	1/-	1/4 foot.	Ditto. C.B. & R. Finish	1/6	1/10 "	Ditto. Oxidized Silver Finish	2/3	2/7 "																																									
	PHS 5350		PHS 5351																																																							
Rail of	Ordinary Strength		Extra Strong																																																							
Brass Rail with N.P. Brass Rustless Runners	1/-		1/4 foot.																																																							
Ditto. C.B. & R. Finish	1/6		1/10 "																																																							
Ditto. Oxidized Silver Finish	2/3		2/7 "																																																							
	PHS 5352		Brass Valance Rail complete, Ordinary Strength Extra Strong. Brass Rail with N.P. Brass Rustless Runners 5d. 5d. foot. Ditto. C.B. & R. Finish 9d. 9d. " Ditto. Oxidized Silver Finish 1/2 1/2 "																																																							
	PHS 5353		Connecting Bridge 2/- 3/- doz.																																																							
	PHS 5354		Pulleys and Master Runners 24/- 24/- doz. pr.																																																							
	PHS 5355		Runners only, Nickel Plated 1/4 2/- per doz.																																																							
	PHS 5363		Piercing Tool for Rail 10/- each.																																																							
	PHS 5364		Weights for Cords and Pulleys 5/- 10/- doz.																																																							
	PHS 5387		Valance or Curtain Hooks* 3/- gross.																																																							
	PHS 5388		Ditto. (as illustrated) Brass* 3/- gross.																																																							
	PHS 5389	" " " Steel, rust-proofed* 2/- gross.																																																								
		*(Note—Not now supplied in two strengths).																																																								
204	PHS 5369	"Parwinac" Ball Bearing Curtain Rail. Now replaced by the Parwinac "PHS 505" Curtain Rail. Prices as follow :— "B" Basis. Ask for descriptive list, (C.R. 505) of this greatly improved Curtain Rail. <table><tr><th></th><th>Light</th><th>Medium</th><th>Heavy.</th></tr><tr><td>PHS 505 Satin Brass (per ft.)</td><td>1/-</td><td>1/3</td><td>1/9</td></tr><tr><td>Satin Orllite</td><td>1/-</td><td>1/3</td><td>1/9</td></tr><tr><td>Copper Bronzed</td><td>1/6</td><td>1/9</td><td>2/6</td></tr><tr><td>Silver Oxidised</td><td>1/9</td><td>2/-</td><td>3/-</td></tr><tr><td>Brass Valance Rail</td><td>5d.</td><td>6d.</td><td>7d.</td></tr><tr><td>(Including 1 Bracket and 3 Hooks).</td><td></td><td></td><td></td></tr><tr><td>Copper Bronzed (per ft.)</td><td>9d.</td><td>10d.</td><td>11d.</td></tr><tr><td>Silver Oxidised</td><td>1/-</td><td>1/1</td><td>1/2</td></tr><tr><td>Orllite</td><td>5d.</td><td>6d.</td><td>7d.</td></tr></table> PHS 505 Corded Rail for Straight Window, complete with Pulleys (per ft.) 1/4 1/8 2/3 PHS 505. "R.R." Patent Rail Corded for Bay Windows, complete with Pulleys 3/- per foot, approximately, Overlaps extra. The price of PHS 505 Medium and Heavy includes :— 4 Nickel Plated Runners. 1 Fixing Bracket and Screws with each foot of Rail, and two end Stops to each length. PHS 505 Light, includes :— 3 Nickel Plated Runners. 1 Fixing Bracket and Screws with each foot of Rail, and two end Stops to each length. Rail is supplied in any length. Longest single length, 14 feet. Tray Handle. Pattern withdrawn.		Light	Medium	Heavy.	PHS 505 Satin Brass (per ft.)	1/-	1/3	1/9	Satin Orllite	1/-	1/3	1/9	Copper Bronzed	1/6	1/9	2/6	Silver Oxidised	1/9	2/-	3/-	Brass Valance Rail	5d.	6d.	7d.	(Including 1 Bracket and 3 Hooks).				Copper Bronzed (per ft.)	9d.	10d.	11d.	Silver Oxidised	1/-	1/1	1/2	Orllite	5d.	6d.	7d.																
	Light	Medium	Heavy.																																																							
PHS 505 Satin Brass (per ft.)	1/-	1/3	1/9																																																							
Satin Orllite	1/-	1/3	1/9																																																							
Copper Bronzed	1/6	1/9	2/6																																																							
Silver Oxidised	1/9	2/-	3/-																																																							
Brass Valance Rail	5d.	6d.	7d.																																																							
(Including 1 Bracket and 3 Hooks).																																																										
Copper Bronzed (per ft.)	9d.	10d.	11d.																																																							
Silver Oxidised	1/-	1/1	1/2																																																							
Orllite	5d.	6d.	7d.																																																							
205	PHS 8507 PHO 8519	Curtain Rod Bracket. Now supplied 3" projection overall and 1" between rods. Suitable for 3/8" tube 12/- dozen. 1/2" " 12/6 "																																																								
206	PHS 8708	Brass (Glass) Plates. Prices are per gross.																																																								
207	PHQ 4588	Show Case Catch. Reduced prices as follow :— <table><tr><td>Polished Brass</td><td>15/9 doz.</td><td>1/6 each.</td></tr><tr><td>Nickel Plated</td><td>17/6 "</td><td>1/8 "</td></tr><tr><td>Chromium Plated</td><td>25/9 "</td><td>2/4 "</td></tr></table>	Polished Brass	15/9 doz.	1/6 each.	Nickel Plated	17/6 "	1/8 "	Chromium Plated	25/9 "	2/4 "																																															
Polished Brass	15/9 doz.	1/6 each.																																																								
Nickel Plated	17/6 "	1/8 "																																																								
Chromium Plated	25/9 "	2/4 "																																																								
	PHQ 4590 PHQ 4595	Show Case Catch. Reduced prices as those given for PHQ 4588 above. Shop Window Fittings.. Bottom Fixing. <table><tr><th></th><th>1/2"</th><th>5/8"</th><th>3/4"</th><th>7/8"</th><th>1"</th><th>1 1/4"</th><th>1 1/2"</th></tr><tr><td>Brass</td><td>5/3</td><td>6/6</td><td>7/9</td><td>8/6</td><td>9/6</td><td>15/9</td><td>28/- dozen.</td></tr><tr><td></td><td>6d.</td><td>7d.</td><td>8d.</td><td>9d.</td><td>10d.</td><td>1/6</td><td>2/6 each.</td></tr><tr><td>Brown Bronzed</td><td>6/-</td><td>7/6</td><td>8/6</td><td>9/9</td><td>10/6</td><td>17/6</td><td>31/6 dozen.</td></tr><tr><td></td><td>7d.</td><td>8d.</td><td>9d.</td><td>10d.</td><td>1/-</td><td>1/8</td><td>2/9 each.</td></tr><tr><td>Chromium Plated</td><td>11/3</td><td>13/6</td><td>14/9</td><td>15/6</td><td>16/6</td><td>28/-</td><td>42/- dozen.</td></tr><tr><td></td><td>1/-</td><td>1/2</td><td>1/5</td><td>1/6</td><td>1/8</td><td>2/6</td><td>3/9 each.</td></tr></table>		1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	Brass	5/3	6/6	7/9	8/6	9/6	15/9	28/- dozen.		6d.	7d.	8d.	9d.	10d.	1/6	2/6 each.	Brown Bronzed	6/-	7/6	8/6	9/9	10/6	17/6	31/6 dozen.		7d.	8d.	9d.	10d.	1/-	1/8	2/9 each.	Chromium Plated	11/3	13/6	14/9	15/6	16/6	28/-	42/- dozen.		1/-	1/2	1/5	1/6	1/8	2/6	3/9 each.
	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"																																																			
Brass	5/3	6/6	7/9	8/6	9/6	15/9	28/- dozen.																																																			
	6d.	7d.	8d.	9d.	10d.	1/6	2/6 each.																																																			
Brown Bronzed	6/-	7/6	8/6	9/9	10/6	17/6	31/6 dozen.																																																			
	7d.	8d.	9d.	10d.	1/-	1/8	2/9 each.																																																			
Chromium Plated	11/3	13/6	14/9	15/6	16/6	28/-	42/- dozen.																																																			
	1/-	1/2	1/5	1/6	1/8	2/6	3/9 each.																																																			

Page	Catalogue Number	Details.
207	PHQ 4596	Brass Cased Tube :— Polished and Lacquered $\frac{3}{8}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ " 1" 1 $\frac{1}{4}$ " 1 $\frac{1}{2}$ " 1 $\frac{3}{4}$ " 2" 3/9 4/- 4/6 5/9 6/6 8/3 14/6 20/- 24/6 33/9 doz. ft. 5d. 6d. 7d. 8d. 9d. 10d. 1/3 1/9 2/3 3/- per ft. Brown (or Steel Bronzed) 6/9 7/3 8/- 10/- 12/- 15/- 27/- 31/- 38/3 52/6 doz. ft. 8d. 9d. 10d. 1/- 1/2 1/6 2/6 3/- 3/6 4/6 per ft. Chromium Plated 10/9 13/3 15/6 18/9 21/6 25/6 33/3 41/- 46/3 60/9 doz. ft. 11d. 1/3 1/6 1/9 2/- 2/6 3/- 3/9 4/- 5/3 per ft. Note :—Prices for "Chromium" Finish cover lengths up to 6-ft. only. Longer lengths quoted for on application. Prices reduced. Now same as for PHQ 4595—see above.
	PHQ 4597	
	PHQ 4598	Single Sash Socket :— Dipped Brass. Brown Bronzed. $\frac{1}{4}$ " 18/6 gross 1/9 doz. 28/- gross 2/6 doz. $\frac{5}{16}$ " 29/9 " 2/9 " 39/6 " 3/6 " $\frac{3}{8}$ " 42/- " 3/9 " 56/- " 5/- "
	PHQ 4599	Double Sash Socket :— Dipped Brass. Brown Bronzed. $\frac{1}{4}$ " 36/9 gross. 3/3 doz. 49/- gross 4/3 doz. $\frac{5}{16}$ " 52/6 " 4/6 " 66/6 " 5/9 " $\frac{3}{8}$ " 70/- " 6/- " 94/6 " 8/- "
	PHQ 4683	Sash Socket Treble Dipped Brass. Brown Bronzed. $\frac{1}{4}$ " 5/3 dozen. 7/- dozen. $\frac{5}{16}$ " 8/9 " 10/6 " $\frac{3}{8}$ " 10/6 " 12/3 "
	PHQ 4680	Sliding Socket :— Single Double Treble Quad. Brown Brown Brown Brown Brass Bronzed Brass Bronzed Brass Bronzed Brass Bronzed $\frac{1}{2}$ " $\times$ $\frac{1}{4}$ " .. 6/- 6/9 7/- 8/3 8/9 10/6 11/6 13/9 doz. $\frac{3}{8}$ " $\times$ $\frac{1}{4}$ " .. 7/- 8/- 8/3 9/6 10/3 12/- 13/- 15/3 " $\frac{1}{2}$ " $\times$ $\frac{1}{4}$ " .. 8/9 9/9 10/- 11/3 11/6 13/3 14/- 16/6 " $\frac{3}{4}$ " $\times$ $\frac{1}{4}$ " .. 9/6 10/6 11/6 13/- 14/- 15/9 17/6 20/- " $\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " .. 10/6 11/9 12/3 14/- 15/- 17/6 20/- 23/6 " $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ " .. 17/6 21/- 21/9 26/3 26/3 31/6 31/6 36/9 "
	PHQ 4681	Shelf Clips. Revised sizes and prices : Brown Bronzed Chromium Plated. or Nickelled. 1" 8/9 doz. 1/- each. 15/- dozen. 1/6 each. 1 $\frac{1}{4}$ " 11/6 " 1/3 " 19/3 " 2/- "
	PHQ 4682	Enclosure Bolt :— Brass. Brown Bronzed or Nickel Plated. Chromium Plated. 15/9 doz. 1/6 each. 17/6 doz. 1/8 each. 26/3 doz. 2/4 each.
208	PHQ 4684	Standard Bar Shelf Brackets, Brass. Revised Prices :— 4 6 8 10 12 14 16 18-ins. Green Lacquered 9/- 12/3 15/9 20/- 24/6 31/6 38/6 42/- doz. Brown Bronzed .. 11/3 14/- 18/3 22/9 29/3 35/- 42/- 47/3 " Chromium Plated 15/3 21/- 27/3 34/- 42/- 52/6 61/3 68/3 " Larger sizes quoted for on request.
	PHQ 4685	Ditto. Malleable Iron. Green Lacquered 9/6 10/6 12/3 16/6 19/3 24/6 29/9 35/- " Larger sizes quoted for on request.
	PHQ 4686	Brass. 3 4 6 8 10 12 14 16 18-ins. Green Lac. 8/9 9/6 14/- 16/9 21/9 27/- 33/3 36/9 50/9 doz. Brown Bronzed 10/6 11/6 16/6 19/3 24/6 29/9 36/9 41/9 57/- " Chrom. Plated 13/- 15/6 22/6 28/9 35/9 43/9 53/6 60/3 77/- " Larger sizes quoted for on request.
	PHQ 4687	Ditto. Malleable Iron. Green Lacquered 9/6 10/6 12/3 16/6 19/3 24/6 29/9 35/- " Larger sizes quoted for on request.

MANCHESTER:

16, John Dalton Street, 2

 TELEPHONE : BLACKFRIARS 6375
 TELEGRAMS : "FIREPLACES"

WAREHOUSE : 9a, ST. JAMES SQUARE.

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RKS:

D STREET, 1

IONS 14A & 28B)

Street, BIRMINGHAM, 1

LOWROOMS:

Regent Street, W.1.

5466 (3 LINES)
O, LONDON"

COVENTRY:

Gosford Street,

TELEPHONE :
COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL " " XXIII.

CABLEGRAM "IRONCLAD, BIRMINGHAM"
TELEPHONE MIDLAND 5001 (17 LINES)

PARKER, WINDE

BROA

BIRM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

To Eagle Oil & Shipping Co
16 Finsbury Circus,
LONDON. EC.2.

You

Der Sirs,

We beg to ackn
13th instant and in accorda
you under separate cover tw
SERVICE" catalogue, and for

Discounts from
our letters found at the b

CCE - A B C F
DISCOUNT 25% 30% 40% 17½%

The first six
extra, and the last two lin

We trust these
in due course we shall be f
conands.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
208	PHQ 4688	Brass. 6 8 10 12 14 16 18 20 22 24-ins. Green Lac. 17/6 24/6 27/- 34/- 49/- 53/9 62/- 70/- 93/6 102/9 Brown Bron. 24/6 32/9 37/6 43/9 63/- 70/- 84/- 94/6 126/- 140/- dozen.
	PHQ 4689	Brass. 4 6 8 10 12 14 16 18-ins. Green Lacquered 12/3 15/- 20/- 23/9 31/6 37/9 43/9 52/6 doz. Brown Bronzed .. 14/- 17/6 22/9 28/- 35/9 42/9 49/9 57/- Chromium Plated 18/6 23/9 32/6 39/6 50/- 59/6 70/- 80/6 Larger sizes quoted for on request.
	PHQ 4690	Ditto. Malleable Iron. Not now supplied.
	PHQ 4691	Ditto. Malleable Iron. Green Lacquered — 13/- 16/- 20/3 24/6 29/9 35/- 42/- Larger sizes quoted for on request.
	PHQ 4692	Brass. Green Lacquered 12/3 15/6 19/3 26/- 30/6 40/3 43/6 60/3 doz. Brown Bronzed .. 14/- 19/3 22/6 29/6 34/9 43/6 49/- 67/9 Chromium Plated 18/3 25/6 31/6 41/3 49/- 62/3 68/3 92/-
	PHQ 4693	Ditto. Malleable Iron. Green Lacquered — 13/- 16/- 20/3 24/6 29/9 35/- 42/- Larger sizes quoted for on request.
	PHQ 4694	Brass. 6" 8" 10" 12" 14" 16" 18" 20" 22" 24" Green Lac. 22/3 34/- 41/- 45/6 58/6 65/6 72/6 78/9 123/9 128/6 Brown Bro. 31/6 45/6 55/- 62/- 78/3 87/6 97/- 107/6 163/6 171/6 dozen.
	PHQ 4695	Malleable Iron. Not now supplied.
	PHQ 4698	Brass Extending Quadrant Bracket. Reduced prices :— Green 3/6 each. Brown Bronzed 4/3 each.
	PHQ 4699	Corner Brackets. 6 8 10 12-inch. Green .. 28/- 35/- 45/6 56/- dozen. 2/6 3/1 4/- 4/10 each. Brown Bronzed 38/6 45/6 56/- 66/6 dozen. 3/6 4/- 4/10 5/9 each.
	PHQ 4710	Extending Corner Bracket. 8 to 10" 10 to 13" Green Lacquered 42/- doz., 3/8 each. 52/6 doz., 4/6 each. Brown Bronzed 52/6 " 4/6 " 63/- " 5/6 "
209	PHQ 4711	Standard Bar Shop Fittings. Revised prices :— Size .. 1" x ¼" 1½" x ¼" 1½" x ¾" 1½" x 1" 1½" x 1½" Green Lacquered .. 7d. 8d. 9d. 1/3 per foot. Brown Bronzed .. 1/2 1/4 1/5 1/9 Nickel Plated .. 1/6 1/9 1/10 2/8 Chromium Plated .. 2/7 2/8 2/9 3/6
	PHQ 4712	Back Fixing to suit all sizes :— Green Lacquered .. 3/6 per dozen. Brown Bronzed .. 7/- Chromium Plated .. 12/3
	PHQ 4713	Fittings Screws :— Blued .. 4/8 gross 6d. dozen. Bronzed .. 8/6 " 9d. " Nickel Plated .. 15/9 " 1/4 " Chromium Plated .. 17/3 " 1/6 "
	PHQ 4714	Standard Bar Brackets :— 4 6 8 10 12 14 16-ins overall Green Enam. 7/9 9/9 11/9 15/3 18/9 23/9 27/- 8d. 10d. 1/- 1/4 1/8 2/- 2/4 18 20 22 24-ins. overall Green Enamelled .. 31/6 36/3 43/9 49/- dozen. 2/8 3/2 3/9 4/2 each.

Page	Catalogue Number	Details.							
209	PHQ 4714	4 6 8 10 12 14 16 ins. overall Brown Bronzed 13/3 16/6 18/6 22/9 26/3 31/6 36/3 dozen. 1/2 1/5 1/7 2/- 2/3 2/8 3/2 each.							
		18 20 22 24 ins. overall Brown Bronzed .. 41/- 47/3 54/3 63/- dozen. 3/6 4/- 4/8 5/4 each.							
	PHQ 4715	Standard Bar Brackets :—							
		4 6 8 10 12 14 16 ins. overall Green Enam. 9/6 13/3 15/6 20/9 22/3 29/3 34/- dozen. 10d. 1/2 1/4 1/10 2/- 2/6 3/- each.							
		18 20 22 24 ins. overall Green Enam. .. 38/6 42/- 45/6 52/6 dozen. 3/3 3/8 3/10 4/6 each.							
	PHQ 4715	4 6 8 10 12 14 16 ins. overall Brown Bronzed 15/- 22/3 25/9 32/9 35/- 42/- 49/- dozen. 1/4 2/- 2/3 2/10 3/- 3/8 4/3 each.							
		18 20 22 24 ins. overall Brown Bronzed 56/- 61/3 65/6 73/6 dozen. 4/10 5/3 5/8 6/3 each.							
	PHQ 4716	Tapped Bar Brackets :—							
		3 4 6 8 10 12 ins. Green Enamelled 6/6 7/9 9/9 12/3 15/9 19/3 dozen. 8d. 9d. 11d. 1/2 1/6 1/9 each.							
		14 16 18 ins. Green Enamelled 23/4 24/6 29/9 dozen. 2/2 2/3 2/8 each.							
		3 4 6 8 10 12 14 16 18 ins. Brown Bronzed 10/6 12/3 14/- 16/4 21/9 24/6 29/3 32/9 37/6 doz. 1/- 1/2 1/4 1/6 2/- 2/3 2/9 3/- 3/3 ea.							
	PHQ 4717	Tapped Bar Brackets :—							
		4 6 8 10 12 14 16 18 ins. Green Enamelled 9/9 13/3 15/9 20/- 24/6 28/- 32/9 39/9 doz. 1/- 1/4 1/6 1/10 2/3 2/6 3/- 3/6 ea.							
		14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 Brown Bronzed 14/- 19/3 24/6 28/- 32/9 38/6 46/9 55/- doz. 1/4 1/10 2/3 2/6 3/- 3/6 4/2 4/10 ea.							
	PHQ 4718	Steel Tapped Bar. Both $\frac{3}{8}$ " and $\frac{1}{2}$ " same price :—							
		Green Lacquered 4d. per foot } Cut lengths supplied, Brown Bronzed .. 9d. " } but fractional parts Chromium Plated 1/4 " } charged as 3 inches.							
	PHQ 4719	Standard Bar Socket :— Single Bracket. Double Bracket.							
		Green 7/- dozen. 10/6 dozen. 9d. each. 1/- each.							
		Brown Bronzed 10/6 dozen. 15/9 dozen. 1/- each. 1/6 each.							
	PHQ 4720	Tapped Bar Socket :—							
		Single. Double. Treble. $\frac{1}{4}$ " Green Doz. Each. Doz. Each. Doz. Each. Lacquered .. 3/- 4d. 5/- 6d. 8/- 9d.							
		$\frac{1}{4}$ " Brown .. 3/9 5d. 6/3 7d. 10/6 1/- Bronzed .. 3/9 5d. 6/3 7d. 10/6 1/-							
		$\frac{5}{16}$ " or $\frac{3}{8}$ " Green .. 6/- 7d. 9/6 11d. — — Lacquered .. 6/- 7d. 9/6 11d. — —							
		$\frac{5}{16}$ " or $\frac{3}{8}$ " Brown .. 7/3 8d. 11/9 1/1 — — Bronzed .. 7/3 8d. 11/9 1/1 — —							
	PHQ 4721	Tapped Bar Socket :—Pattern withdrawn.							
	PHQ 4722	Standard Tapped Bar Clips :—							
		With Adjustable Screw. Double for use with Strapped Brackets.							
		Green 9/9 doz. 1/- each. 21/- doz. 2/- each Brown Bronzed .. 14/- " 1/4 " 31/6 " 2/10 " Chromium Plated 24/6 " 2/3 " 42/- " 3/9 "							

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ALPHABETICAL INDEX, PAGE XI.

NUMERICAL " " XXIII.

PARKER, WINDELL

BROAD
BIRMINGHAM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

To Eagle Oil & Shipping Co
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You

Dear Sirs,

We beg to acknowledge
13th instant and in accordance
you under separate cover two
SERVICE" catalogue, and for

Discounts from
our letters found at the bottom

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six
extra, and the last two lines

We trust these
in due course we shall be
convinced.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
209	PHQ 4723	Standard Tapped Bar Clips :— Green 7/- dozen 9d. each. Brown Bronzed .. 8/9 " 1/- " Chromium Plated 19/3 " 1/10 "
	PHQ 4724	Standard Tapped Bar Clips with 1/4" peg :— Green 10/6 dozen 1/- each. Brown Bronzed .. 14/- " 1/4 "
	PHQ 4725	Shelf Clips :— Green. Brown. Chromium. Doz. Each. Doz. Each. Doz. Each. 7/- 9d. 8/9 1/- 19/3 1/9
	PHQ 4726	Ditto. Single .. 9/9 1/- 14/- 1/4 24/6 2/3 Double .. 21/- 2/- 31/6 2/10 42/- 3/8
210	PHO 4232 PHS 4233	Showcase Catch. Pattern withdrawn. Showcase Catch. Now only made 2 1/4" x 11/16" and prices revised as follow :— Polished Brass .. 35/- dozen 3/3 each. Nickel Plated .. 38/6 " 3/6 " Chromium Plated .. 45/6 " 4/- "
	PHS 4234 PHS 4586 PHO 4587 PHO 4589	Lever Action Catch. Pattern withdrawn. Showcase Catch. Pattern withdrawn. Spring Action Catch. Pattern withdrawn. Showcase Catch. Size of backplate should read 2 3/4" not 2 1/2". Revised prices :— Polished Brass .. 14/- dozen 1/3 each. Nickel Plated .. 15/9 " 1/6 " Chromium Plated .. 21/- " 2/- "
	PHS 2749 PHO 2748	Showcase Catch. Pattern withdrawn. Showcase Catch. Revised prices :— Barrel extends to suit doors up to 2" thick. Polished Brass .. 22/9 dozen 2/1 each. Nickel Plated .. 24/6 " 2/3 " Chromium Plated 35/- " 3/1 "
213	PHS 2751 PHO 4594	Showcase Catch. Pattern withdrawn. Showcase Catch. Pattern withdrawn.
214	PHQ 2524 PHS 6410	Door Knocker. Price in BRASS should be 19/- not 12/6. Shelf Bracket. Revised prices :— 4" x 3" 5" x 4" 6" x 5" 8" x 6" 9" x 7" 10" x 8" 12" x 10" 14" x 12" Per. 2/9 3/6 4/3 5/- 5/9 6/6 9/9 14/6 doz. prs.
	PHS 6411	Shelf Bracket. Revised Prices :— 4" x 3" 5" x 4" 6" x 5" 7" x 5" 8" x 6" 9" x 7" 10" x 8" 12" x 10" 14" x 12" doz. prs. 2/4 2/8 3/10 4/2 4/8 5/2 6/- 9/- 11/6
215	PHS 1837 PHS 1838 PHS 1839	Fanlight Catches. Are for Metal Casements and Staples are not supplied at the prices given. If required, staples will be charged extra.
218	PHS 6348	Ash Pole for Pole Hook. Revised prices :—5-ft. 2/9, 6-ft. 3/3 each.
234	PHO 9584	Winfix. Revised prices :— No. 1 Size, 1/2" wide, 7/6 per bundle of 6 strips, 1/3 per strip. " 2 " 3/4 " 11/3 " " " " 2/- " " " 3 " 1" " 14/6 " " " " 2/6 " " In strips 3' 3" long. Prices include fixing nails.
	PHS 9585	Draught Mouldings. Prices revised :—In 7 ft. lengths. Fitted with 1/8" plain tube 15/- doz. 1/6 each. Baize covered, Red or Green 15/- " 1/6 " *White enamelled, with 1/8" plain tube inserted 18/- " 1/9 " *Not Stocked.
	PHS 9586	Rubber Draught Tubing. Prices revised :— 3/16" Baize covered red or green .. 7/6 per 60 ft. coil, loose 6d. yard 3/16" White, half covered .. 7/6 " " " 6d. " 3/16" Brown Canvas covered .. 10/6 " " " 9d. "

Page	Catalogue Number	Details.
234	PHO 1923	Weather Bar. Previous patterns and prices withdrawn and the following substituted :—Note strengths as given below accounting for difference in prices. Best Blacked $\frac{3}{4}$ " $1\frac{3}{8}$ " Brass .. (13G) $\frac{2}{3}$ $\frac{1}{3}$ per foot run. 3/8 (12G) ..
	PHO 1920	Improved Pattern, Stronger (7 gauge). Iron B.B. 7/- foot run. Galvanized Iron 8/2 foot run. Brass 11/6 .. Copper .. 13/6 ..
	PHO 1922	Sill Bar. Pattern in stouter metal withdrawn and prices should read :— Brass 19/3 foot run. Copper 20/- foot run. Sill Bar. Pattern in stouter metal withdrawn and prices should read :— Brass 13/6 foot run. Copper 15/- foot run. Note :—Prices of PHO 1920, 1922, 1923 are Carriage Forward. Also can only be supplied while stocks last.
235	PHS 9587 PHS 9581	Durabar Draught Excluder. Pattern withdrawn. "Imperial" Draught Excluder. Revised price :— All sizes 3/9 each. Number under bottom illustration should be 9581 not 9501.
	PHS 9582	"Empire" Draught Excluder. Revised prices :— $2' 6"$ to $3' 0"$ $3' 3"$ $3' 6"$ $3' 9"$ $4' 0"$ 3/9 4/- 4/3 4/6 4/9 each.
236	PHO 9212	Stair Treads. "Steel and Carborundum" should be "Lead and Carborundum."
237	PHO 5160 PHO 8883 PHO 8884 PHO 5157 PHO 5158 PHO 8441	Stair Treads are of Malleable Iron. Stair Tread is of Cast Iron. " " " " " without Nosing, (not as stated). Step Plates and Stair Treads (Brass). $3'$ long, $1"$ nose. $3\frac{1}{2}'$ long, $1\frac{1}{4}"$ nose. 15 W.G. 3/3 4/- per ft. $2'$ long, $1"$ nose. $2\frac{1}{2}'$ long, $1"$ nose. 1/9 2/3 per ft.
	PHO 8442 PHO 8444	Kindly note the last given price of 2/3 is for $2\frac{1}{2}'$ long $\times$ $1"$ nose, instead of $3'$ long $\times$ $1\frac{1}{4}"$ nose as stated in catalogue.
240	PHS 2492	Postal Kicker, also supplied in Malleable Iron at the following prices: Art Black 41/- Dozen. 3/6 each. Sheradized B.B. 47/3 .. 4/- ..
	PHS 2498	Postal Handle. Prices should be 31/6 dozen, 2/9 each.
242	PHQ 6334	Thumb Latch. Prices given are for Galvanised. Prices in Berlin Black should read :— Inside of Plate. Handle. dozen. each. $7" \times 1\frac{3}{8}"$ 3" 33/3 3/- $7\frac{1}{2}" \times 1\frac{3}{8}"$ $3\frac{1}{2}"$ 36/9 3/3 $8\frac{1}{2}" \times 1\frac{1}{2}"$ 4" 40/3 3/6
244	PHQ 17	Cupboard Bolt. Prices revised :— $\frac{3}{4}"$ $\frac{3}{8}"$ $\frac{4}{8}"$ $\frac{5}{8}"$ $\frac{6}{8}"$ 4/6 5/3 5/9 6/9 7/6 dozen. 6d. 7d. 8d. 9d. 10d. each.
	PHS 2768	Cupboard Turn. Concluding Line should read "Prices are one-third of above LESS."
	PHS 2697	Shutter Knob. to match above. Prices are one-third LESS than for Cupboard Turn No. PHS 2768 above.
248	PHS 6733	Gothic Handle. Price in Berlin Black should be 47/3 dozen, 4/2 each.
250	PHS 2707	Stable Door Latch. Kindly note in the case of Malleable Iron, the pattern does not include the Double Plate shown, but is as our No. PH 4400 shewn on page 296.
251	PHO 6126	Wrot. Strap Hinges. $\frac{4"}{8/6}$ $\frac{6"}{12/3}$ $\frac{8"}{16/9}$ $\frac{10"}{22/9}$ $\frac{12"}{33/3}$ doz. prs.

MANCHESTER:

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GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL " " XXIII.

PARKER, WINDEN

BROAD
BIRMINGHAM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co
16 Finsbury Circus,
LONDON. EC.2.

You

Dear Sirs,

We beg to acknowledge the receipt of your letter of the 13th instant and in accordance with your order under separate cover to send you the "SERVICE" catalogue, and for

Discounts from the prices shown in the catalogue letters found at the bottom of the page.

COE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six lines are extra, and the last two lines are

We trust these prices in due course we shall be able to command.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
251	PHO 6147	Collinge Cup and Ball Hinges. Please note the following extra which is not stated in list :— Astragal Bolts with round drilled nuts, 7/- per dozen EXTRA.
	PHS 5332	Gate Stop. Revised sizes and prices :— 3 1/2" x 3 1/2" .. 4/- each. (only one striking plate). 7 1/4" x 6 1/4" .. 8/- " 9 1/4" x 7" 10/9 each. 12" x 8 1/4" .. 25/- " 16" x 13" 50/- " Extra Strong :—10 1/4" x 7 1/4" .. 20/9 each. First 3 sizes only stocked.
	PHS 6122	Parliament Hinges. Prices given are for Pressed Steel not Cast Steel. Also supplied in Cast Iron prices as follow :— 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 5 1/2" 6" 7" 8" 1/3 1/6 1/8 1/10 2/6 2/9 3/- 3/8 4/9 7/2 per pair
252	PHS 6144	Double Strap Hinges. Folded eye should be 44/- per cwt welded eye 61/6 per cwt.
	PHS 6145	Reversible Hinges. Weights given are per pair not per dozen pairs.
	PHO 6146	Hooks and Bands. Weights given are per dozen pairs.
	PHS 6140	Japanned Cranked Hooks and Bands. Revised Weights :— 10" 12" 14" 16" 18" 20" 22" 24" 46 52 69 72 114 120 144 168 lbs. per doz.
	PHS 6143	prs. Price 28/6 cwt.
257	PHQ 8218	Antique Bolt. Price of 8" Dull Black should read 35/- doz. 3/1 each.
258	PHS 6899	Casement Fasteners, are not reversible. Please state Hand when ordering.
	PHS 6897	Wood Name Plates. Revised Prices :—
267	PHO 9940	PHO 9940, 15/9; PHO 9941, 13/2; PHO 9942, 8/9;
	PHO 9941	PHO 9943, 11/5.
	PHO 9942	Repousse Work. Prices given are exclusive of Brackets where shewn.
	PHO 9943	Wood Letters. The prices of all on this page are advanced 15%.
268	All Numbers.	COBURN SLIDING DOOR TRACK.
271		Special Note :—All "Coburn" Trolleys can now be supplied with Ball Bearings instead of Roller Bearings—prices on application. Prices given below are for ROLLER BEARINGS
275-287		MAJOR COMPONENTS.
		Not exceeding 100 lbs. weight for each leaf. Used with No. 1 Track.
		Not exceeding 150 lbs. weight for each leaf. Used with No. 2 1/2 Track.
		NEW DESIGN (SEE CATALOGUE No. 33A). Not exceeding 300 lbs. weight for each leaf. Used with No. 3A Track. For heavy work Public Garage or rough usage.
275	PHQ 8850	15G 10d. foot 14G 1/6 foot 13G 1/8 per foot
	PHQ 8851	10d. each. 15G 1/3 2/- each.
	PHQ 8852	1/1 1/6 each 2/3 "
	PHQ 8853	8/6 1/8 " 12/6 "
	PHQ 8854	7/6 " 10/6 " 12/- "
	PHQ 8855	2/6 " 9/6 " 4/6 "
	PHQ 8856	4/- " 2/6 " 5/- "
	PHQ 8857	12", 18" or 24" radius, 12/6 each. 12, 18" or 24" radius, 15/- each. 24" radius only, 17/6 each.
	PHQ 8858	12", 18" or 24" radius 4/6 each. 12, 18" or 24" radius, 4/6 each. 24" radius only, 4/6 each.
	PHQ 8859	1/3 foot 1/3 foot 1/3 foot
	PHQ 8864	2/9 each
	PHQ 8865	3/6 " For New Designs see Catalogue No. 33A.

Page	Catalogue Number	Details.
276	PHQ 8845	Track No. 0 17G Japanned. 6d. per foot Parkerised (Rust Proofed). 9d. per foot. 1 15G 10d. " 1/2 " 1 14G 1/1 " 1/6 " 2 1/2 15G 1/3 " 1/7 " 2 1/2 14G 1/6 " 1/10 " 3A 13G 1/8 " 2/- " 4 13G 2/1 " 2/6 " Bracket E. For No. 0 Track .. 6d. each. " I. " 0 " .. 6d. " " H. " 0 " .. 6d. " " G. " 2 1/2 " .. 7/- " Hangers, 8/- per pair. " 5/- " " 6/- " " For Doors not Exceeding 300 lbs. 12/- pair " " " " " 400 " 15/6 " " " " " " 11 cwt. 22/- " " 26/- per pair. " 22/- " " 20/- " " 14/6 " " 16/- " " 22/6 " " For No. 1 Track 13/4 per pair. " " 2 1/2 " 16/4 " " " 4 " Discontinued.
277	PHQ 8868 PHQ 8869 PHQ 8871	Bracket Nos. 85, 86 and 87 .. 6d. each. " Nos. 125, 126 and 127 .. 7/- " " Nos. 89 and 90 .. 6d. "
278	196A 196B 196C 195A 195B 195C	Hanger .. 10/6 each. " .. 14/6 " " .. 20/- " " .. 10/6 " " .. 12/6 " " .. 20/- " Cast Corner Curve for Track not recommended. Substitute Steel Track Corner Curve No. PHQ 8857 as given on Page 275.
279	No. 0 No. 1 No. 2 No. 2 No. 3 No. 5 F14 186 187 189 2 2A PHQ 8872 PHQ 8872 1916	Channel with Braces 1/- per foot. " " " 1/3 " " Plain " 9d. " " Drilled for wood 1/- " " Now made in new design, No. 3B, Steel, Flanged, 8d. per foot. " Ditto. Braced for Concrete, 1/- foot. Roller Bearing Guide 3/- each. Upright Roller Guide 2/- " " " " 9d. " " " " 1/6 " " " " 1/- " " " " 1/6 " " " " 2/- " " " " 2/- " Special Stop, 3" Throw 1/3 " " " 6" " 2/- " Curtain Trolley, Iron Wheel, for No. 1 Track, 2/- each. Ball Bearing Swivel Hangers. Trolley Without Patent Movement to carry 150 lbs. 7/6 each. " " " " " 200 " 10/6 " " " " " " 300 " 12/6 " " " " " " 500 " 15/- " " With " " " 150 " 10/- " " " " " " 200 " 14/- " " " " " " 300 " 16/- " " " " " " 500 " 18/- " Roller Bearing Guide .. 3/- "
282	1916	
287	No. 600A " 600B " 600D " 600C " 600AP " 600BP " 600DP " 600CP " 5	Steel Butts. Alter this number to 5135.
287	PHS 250	

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ALPHABETICAL INDEX, PAGE XI.

NUMERICAL " " XXIII.

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REFERENCE
EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co
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We beg to ackn
13th instant and in accorda
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SERVICE" catalogue, and for

Discounts from
see letters found at the b

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six
extra, and the last two lin

We trust these
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REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
288	PHO 7135 PHO 7136	Revolving Shutters. Prices are for a minimum size of 40 sq. ft.
290 291	All Numbers.	Stable and Cow House Fittings. Prices reduced 10% all round.
292	PHO 4555 PHO 4556 PHO 4557	Stable Fittings. Please note that prices for PHO 4555, 4556 and 4557 are withdrawn. Up-to-date prices quoted upon request.
292	PHO 4496 PHO 4570 PHO 4578	Prices for articles in Brass withdrawn. Not now supplied.
293	PHS 4343	"Forward" Pig Troughs. Prices are now on the "B" Basis.
295	PHS 4347 PHS 4348	Sliding Door Cylinder Lock. Should be 17/9 each. Cylinder Lock. Should be 15/6 each.
298	PHS 5245	Air Gratings. Prices are "A" Basis and not "B."
298	PHQ 3159	Air Grating. Revised Prices:— 18" x 1/2" 4/- 21" x 1/2" 4/3 24" x 1/2" 7/7 per foot run.
	PHQ 3162	Air Grating. Revised Prices:— 12" x 1/2" 3/10 18" x 1/2" 5/8 per foot run.
	PHQ 3163	Circular Air Grating. Revised Prices:— 12" x 1" 4/6, 16" x 1" 7/6, 16" x 1 1/2" 5/5, 18" x 1 1/2" 4/1 18" x 1 1/2" 4/6, 20" x 1 1/2" 5/3, 24" x 1 1/2" 7/11 24" x 1" 15/9 30" x 1 1/2" 14/9 each.
299	PHO 3394	"Southwark" Ventilator. Foreign. Revised Prices:— Front Measure 10" x 8" 8/9 11" x 8" 9/3 12" x 10" 10/- 14" x 12" 14/6 each
	PHS 3393	Wrot. Steel Louvre Ventilators. Foreign manufacture. Prices increased as follow:—"B" Basis. 6" x 6" 9/- 6" x 8" 9/3 6" x 9" 9/6 6" x 12" 11/- 8" x 10" 10/- each. Black Japanned — 11/- 11/3 — 11/9 " White Japanned — 11/- 11/3 — 11/9 " 9" x 9" 11/9 9" x 12" 12/6 10" x 10" 14/- 10" x 12" 14/3 10" x 16" 28/9 each. Black Japanned 14/3 15/3 17/- 17/3 — " White Japanned 14/3 15/3 17/- 17/3 — " 12" x 12" 23/6 12" x 14" 25/9 each. Black Japanned — — — — " White Japanned — — — — " Brass Pulleys 6d. each extra.
299	PHS 3393	
	PHS 3397	Wrot. Steel Louvre Ventilator. Similar to PHS 3393 above but cheaper pattern. Foreign manufacture. Black Japanned only, "C" Basis. *6" x 8" 5/6 *8" x 10" 6/9 10" x 12" 8/3 12" x 14" 10/3 each. *Stock sizes.
	PHS 3379	Automatic Louvre Ventilators. The second and fourth sizes should read respectively— 1st 9" x 6 1/2" x 4 1/2" not 9 1/2" x 6 1/2" x 4 1/2" 4th 14" x 10" x 4" not 14" x 10" x 6"
301	PHQ 3155	Ventilator. Revised Prices:— Plain Galvanised. Without Slide With Slide Without Slide With Slide Size 9" x 3" 11d. 1/9 1/4 2/4 each. 9" x 6" 1/2 2/3 1/7 3/1 " 18" x 6" 2/3 3/3 3/3 4/10 " 25" x 5" 2/9 4/3 4/- 6/2 " 26 1/2" x 7" 3/3 5/3 4/10 8/- "

Page	Catalogue Number	Details.
301	PHS 3156	Air Brick, Beaded Square Hole. Revised prices :— Sizes Stocked 9"×3" 9"×7" 14"×6½" 14"×10" Weight 2 4 8 9½ lbs. each Plain with fast fronts 6/3 10/6 21/- 28/- doz. Sizes not stocked.. 9"×3" 9"×6" 9"×7" 9"×9" 10"×10" 12"×6" Weight 3 4½ 3 5½ 6 6 lbs. each. Plain with fast fronts 8/- 12/3 10/6 15/9 17/6 15/9 dozen. Plain with loose fronts screwed on .. 18/9 22/- — 32/6 34/3 39/6 " Galv'd. " " " 25/- 36/9 — 45/- 46/6 50/9 " Sizes not stocked.. 12"×9" 12"×12" 14"×10" 18"×9" 18"×12" Weight 7 10 8½ 9½ 13 lbs. ea. Plain with fast fronts 18/6 24/6 24/6 32/6 39/6 doz. Plain with loose fronts screwed on .. 37/9 45/- 45/6 45/6 57/- " Galv'd. " " " 57/9 62/6 64/9 64/9 87/6 "
305	PHO 4992	Coal Plates. Ventilating Pattern should read the same prices as solid, viz., 16" 7/6 ; 18" 12/- each.
	PHO 5228 PHO 5229	Coal Plate should be PHS as both patterns are now stocked. Prices plus 5% advance.
307	PHO 5226	Cellar Doors and Frames. Revised Prices :— 3 0"×3 6" .. 85/6 per set 4 0"×4 6" .. 124/6 per set. 3 0"×4 0" .. 96/- " 4 0"×5 0" .. 145/6 " 3 6"×4 0" .. 103/6 " 4 6"×6 0" .. 180/- " 4 0"×4 0" .. 116/- "
	PHO 5204	Circular Window Frames, with Casement. Revised prices :— 2 0" Deadlight .. 5/- each. Size 2' 0" 2' 6" 2' 9" 3' 0" 3' 6" 4' 0" to open. 15/- 22/6 24/- 24/- 30/- 41/9 each.
307	PHS 5201	Cast Iron Windows. Number of panes and opening lights differs with size of Window and are not necessarily in accordance with illustration.
308	PHS 5294	Inspection Cover and Frame, 12"×12" Stocked with Keys 5/9 each Reduced Prices of other sizes on request.
309	PHS 5304	Manhole Steps, Cast Iron. Revised prices :— For 4½" Wall, weight 2 lbs. .. 9/6 dozen. " 9" " " 5 " .. 18/9 "
	PHS 5305	Manhole Steps, Malleable Iron. Revised prices :— For 4½" wall, weight 2 lbs., 14/- doz. ; For 9" wall, weight 3 lbs., 19/3 doz.
	PHS 5302	Heavy Manhole Covers. Prices reduced as follow, in order of the first column of sizes giving the "Diameter of the Clear Opening." 17", 46/- ; 20", 55/- ; 22", 59/6 ; 22" 80/- each.
	PHS 5303	Heavy Manhole Covers. Prices reduced. 24"×20", 92/- ; 24"×24", 106/3 each.
310	PHS 7123	General Purpose Barrow. Wheel should be 16" diameter, Reduced price 25/- each.
	PHS 7128 PHS 7125 PHS 7177	Ladies Barrow. Reduced price 23/6 each painted. Navy Barrow. Illustration is of a General Purpose Barrow and should be ignored. Revised prices :— Wood wheel, 21/- ; C.I. wheel, 19/6 ; W.I. wheel, 21/- each.
310	PHS 7176	Additional Pattern Concreting Barrow (Not illustrated.) Capacity 3 cubic feet, Steel Body, 16 w.g. Top 35" long, 23" wide, Front 17" deep, Back 7" deep, Bottom 18"×18½"×14", Crucible Steel Wheel, Extreme Height 25", Weight 77 lbs., 26/- each.
	PHS 7126	Stokehole Barrow. Not now stocked.
311	PHS 5314	Gulley Grate and Frame. Weight of 20"×20" with loose top should be 280 lbs. All other weights given are only approximate.
313	PHS 5306	Soot Door and Frame. Illustration shows hinged door, but should be shown fitted with catch.

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ALPHABETICAL INDEX, PAGE XI.

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REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
318	PHS 9766	Purimachos Fire Cement. Prices reduced as follow :— 1 cwt. kegs, 21/6 each ; 28lb. tins, 6/6 each ; 14lb. tins, 4/- each.
	PHS 9767	Asbestos Millboard. Prices increased to 33/- cwt., 5d. per lb.
320	PHQ 7167	Weldless Steel Chains. No. 10 I.S.W.G. Revised prices :— Bright .. 2/6 per doz. yds. 6/6 per 100 ft., 49/- cwt. Japanned .. 4/3 " " 10/- " " 70/9 " Galv'd., Tinned } 4/4 " " 10/6 " " 71/9 " Brassed or Coppered } Pre-Galv'd .. " " 61/9 "
	PHQ 7166	Asphalter's Bucket. Size is now 11" deep x 11" diameter. Price 11/- each, 129/- dozen.
324	PHO 8903	Hurricane Lamp. Pattern discontinued.
326	PHS 9902	Bunker Lamp. Revised Prices :— 2 Pint, Tin Spout .. 24/- dozen 2/3 each. 2 Pint, Copper Spout 27/- " 2/9 "
	PHS 9903	Hand Torch Lamp. 84/- dozen, 7/6 each.
	PHS 9904	Paraffin Burners. 3" 21/- dozen 2/- each. 1" 27/- " 2/6 " 3/8" Brass, 24/- dozen 2/3 each.
	PHS 9905	Lamp with Naptha Burner. 4 Pint 99/- dozen 9/- each. 6 " 117/- " 10/6 " Seamless Steel Bodies 4 Pint 148/6 dozen 12/9 each. " " " 6 " not now made.
328	PSO 4310	Tidal Flap. 3" 4" 6" 9" 12" 15" 18" 21" 24" Plain .. 11/10 12/3 14/6 22/- 39/10 48/3 67/6 108/6 132/8 ea. Galv'd. .. 13/3 15/- 19/9 31/6 59/2 60/10 109/6 182/- 201/9 "
	PSO 4311	Tidal Flap. 4" 6" 9" 12" 15" 18" Plain .. 22/- 28/- 37/8 63/- 87/6 115/6 each. Galvanized .. 24/2 30/8 43/9 73/6 108/6 135/9 "
335	PHO 7090	Weston Type Differential Pulley Block. Third line of prices should read :—"Without chain guides or chain." Pulley Blocks alone cannot be supplied, the prices of chain being given at foot of page.
337	PHO 3310	Dinner Lift. Revised prices :— Self-sustaining, for loads up to 56 lbs. .. £14 - 8 - 0 each. With Hand Brake " " 56 lbs. .. 12 - 12 - 0 " Self-sustaining " " 84 lbs. .. 17 - 8 - 0 " " " 112 lbs. .. 21 - 12 - 0 " With Hand Brake " " 112 lbs. .. 19 - 16 - 0 " Self-sustaining " " 168 lbs. .. 26 - 8 - 0 " Each with a total travel up to 12 ft. Travel over 12 ft. extra :—up to 84 lbs. load 3/- per foot extra. " 168 " " 3/9 " "
	PHO 3311	Dining Room Lift. Revised price :— £21 - 12 - 0 each with travel up to 12 ft., over 12 ft. 3/- per foot extra.
	PHO 3312	Service Lift. Price now £60 - 0 - 0 each.
339	PHS 5356	Refuse Destructors. Reduced Prices :—"A" Basis. Size No. 1, 22/6 each ; No. 2, 27/- each ; No. 3, 57/- each. In addition Sizes No. 2 and 3 are now made in a very much heavier pattern viz., 16 gauge at 45/9 and 78/- each respectively.
	PHS 5396	Parwinac Refuse Destructor. Revised prices as follow :—"A" Basis. *16" x 28" 20 gauge, 16/6 each ; 18 gauge, 18/6 each. *Stock 18" x 28" 20 " 19/6 " 18 " 21/6 " size.
	PHS 5348	B'ham Corporation Pattern Dust Bins. Reduced prices delivered B'ham district as follow :— Less than 6, 7/- each ; 6 to 23, 6/9 each ; 24 and up 6/6 each. Strictly Nett Cash.
		Other Pattern Dust Bins, 20" x 30" x 25 lbs., 9/6 ; 22" x 33" x 32 1/4 lbs., 12/- each ; 24" x 18" x 18 lbs. x 24G., 6/8 each ; 24" x 18" x 16 lbs. x 26G., 5/9 each.
	PHS 5343	Leicester Pattern Dust Bin. 28 lbs., 11/- each, 20 1/2 lbs, 7/3 each.

Page	Catalogue Number	Details.
340	PHS 6402	Roller Bearing Truck Castor. Prices of Nos. 4 and 5 With Steel Ball Bearings and Steel Races. No. 4 No. 5 Plain with Iron Bowls .. 27/3 35/- per set (as given in Copper Bronzed with Iron Bowls 29/- 37/8 „ the Catalogue) With Rubber Tyres .. 36/- 43/9 „
341	PHS 6710	Acme Ball Castor. Should be described as square <u>plate</u> , not square socket.
342	PHQ 6772	Rubber Tyred Wheels. Cemented Tyres are not now supplied and prices are consequently withdrawn for all sizes mentioned.
347	DCS 3334	“Avecta” Drain-Pipe Cleaner. Size of Spring should read 6 ft. $\times \frac{9}{16}$ ” diameter.
350	PHS 4080 } PHS 4080/1 }	Lift Pumps. Transpose these two illustrations and please note the following:— The wording of the 5th paragraph commencing “Portable Colonial Pump” is not clear and this, and the following two lines should read as follow:— Is portable Colonial Pump as PHS 4080 but mounted on W.I. Tripod, strong brass lined York Pump, 14” underspout. Is as PHO 4184 but with lugs for bolting to wall or plank. Is as PHO 4185 but mounted on hardwood plank.
	PHO 4082/8	Yard Pump, stated below illustration to be stocked in “7” only” should read “3”” only. Revised Price 2½” 70/6 each.
	PHO 4185	Galvd. W.I. Strainer FOR HOSE. Prices are not applicable to Galvd. W.I. Strainer for Tube, which is not listed.
	PHO 4186	Semi-Rotary Wing Pump, Double Acting, Brass Fitted, Revised prices. “B” Basis. Stocked up to No. 4.
	PHO 4085	21/6 24/- 29/- 34/6 43/- 56/- 67/6 87/- 112/- 154/- 212/6 ea.
353	PHO 4150	Semi Rotary Wing Pumps, Brass. “B” Basis. 50/- 56/- 72/- 93/- 111/- 139/- 167/- 204/- 296/- 355/- 481/- ea.
	PHO 4089	Ditto. Brass Fitted, Quadruple Acting. — 38/6 44/- 56/- 68/- 79/- 96/- 119/- 157/6 — —
	PHO 4140	Ditto. Brass, Quadruple, Acting. — 73/6 93/- 117/6 147/6 177/6 216/- 272/6 390/- — —
	PHO 4141	Semi Rotary Wing Pumps. “A” Basis Size No. 0 1 2 3 4 5 37/9 42/- 49/- 58/9 68/2 76/6 58/6 65/5 81/5 103/3 119/5 147/8
	PHO 4145	Brass Union. 2½” 13/6.
	PHO 4146	Brass Tail. 1¼” 3/-; 1½” 3/9; 2” 4/6.
	PHO 4154	Brass Union. 2” 11/3.
	PHO 4155	Bent Brass Union. 2” 15/-.
	PHO 4156	Belt-Driven, Geared, Lift and Force Pump.
	PHO 4158	£17 - 5 - 0 £17 - 12 - 6 £19 - 10 - 0 £23 - 12 - 6
354	PHO 4132	Illustrated Pump Inset Page. Complete Outfit including:— If with 12 ft. suction and 12 ft. delivery hose now £6 - 10 - 0 If with 12 ft. suction and 20 ft. delivery hose „ £7 - 10 - 0 If with 20 ft. suction and 20 ft. delivery hose „ £8 - 10 - 0 Pump only £3 - 5 - 0 Carriage Paid. 3” Pump only £6 - 10 - 0 Carriage Paid.
355	PHS 4115	Power Belt Lift and Force Pump (as described and including Suction and Delivery Unions). No. 0 No. 2 No. 3 £18 - 11 - 3 £20 - 16 - 3 £23 - 5 - 0 No. 0, 2” No. 2, 2½” No. 3, 3” £33 - 0 - 0 £36 - 0 - 0 £39 - 15 - 0
	PHO 4138	Diaphragm Lift Pump, with side inlet screwed for tube. No. 2 *No. 3 No. 4 *Stocked. £4 - 17 - 6 £5 - 12 - 6 £7 - 10 - 0 If with brass inlet door screwed for tube. 7/6 12/- 15/9 extra.
	PHO 4136	
	PHS 4133	

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE: BLACKFRIARS 6375
TELEGRAMS: “FIREPLACES”

WAREHOUSE: 9a, ST. JAMES SQUARE.

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M, 1

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NCH EXCHANGE)
IRMINGHAM

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LEY STREET, 1.

IONS 25A & 13B)

RKES:

D STREET, 1

SIONS 14A & 28B)

7 Street, BIRMINGHAM, 1

LOWROOMS:

Regent Street, W.1.

D 5466 (3 LINES)
O, LONDON”

COVENTRY:

Gosford Street,

TELEPHONE:
COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL „ „ XXIII.

PARKER, WINDE

BROA
BIRM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co
16 Finsbury Circus,
LONDON. EC.2.

You

Der Sirs,

We beg to ackn
13th instant and in accorda
you under separate cover tw
SERVICE" catalogue, and for

Discounts from
see letters found at the b

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six
extra, and the last two lin

We trust these
in due course we shall be f
conands.

REVISED PRICES—continued

P.W. & A.LTD.

Page	Catalogue Number	Details.
356	All Numbers.	Pipes and Gutters. All prices withdrawn. "F" Basis no longer applies. Revised prices given below. Terms on application.
	PHS 4295	Connections. List prices unaltered with exceptions given below, terms on application. Carriage paid on 3 cwt. lots. R.W. Pipes in 6' lengths. Ordinary Thickness. Painted .. 2 2/2 2 3/2 2 9/2 3 2/2 3 9/2 4 9/2 5 8/2 7 2/2 per yd. 2', 3' or 4' Lengths extra:— 3 1/2 d. 3 1/2 d. 3 1/2 d. 3 1/2 d. 5d. 5d. 5d. "
	PHO 4296	Extra for "Large Socket" R.W. or Ventilating Pipe, 4" diameter. 8 1/2 d. 8 1/2 d. 8 1/2 d. 8 1/2 d. 8 1/2 d. 1 6/2 1 6/2 1 6/2 d. length
	PHO 4297	R.W. Pipe Connections. Plinth Bends, 2 1/2" and 3" projections. 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 6" 2/1 2/3 2/9 3/5 4/2 5/2 6/8 9/1 each.
	PHO 4297	Soil Pipes, Coated. 2" 2 1/2" 3" 3 1/2" 4" In 6 Lengths L.C.C. Metal 3/4 3/9 4/2 4 5/2 5/- per yard. In 6 .. 3/0 3/2 3/6 3/11 4 5/2 " 2', 3' or 4' Lengths extra 3 1/2 d. 3 1/2 d. 3 1/2 d. 3 1/2 d. 3 1/2 d. "
		Soil Pipe Connections. L.C.C. and 1/8" .. Angle ears cast on 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5" 6" Single Spigot branch 1/1 1/1 1/1 1/1 1/1 1/3 1/3 1/3 per cast on pipe 4/3 4/5 4/7 4/9 4/11 5/11 7/2 8/9 each. Single Socket branch cast on pipe 10/9 11/- 11/3 11/6 11/9 13/6 15/9 18/3 " Holderbats in two pieces, fixed with brass bolts and nuts—prices do not include brass bolts and nuts which will be 3d. per holderbat extra for 1/4" diameter, or 6d. per holderbat extra for 5/16" diameter.
	PHS 4298	Half Round Gutters. Plain Pattern, Painted. In 6' Lengths .. 3" 3 1/2" 4" 4 1/2" 5" 6" In 2', 3' or 4' Lengths 2 1/2 d. 2 1/2 d. 2 1/2 d. 2 1/2 d. 3 1/2 d. 3 1/2 d. " Half Round Gutter Connections. End Pieces, with drop 3" 3 1/2" 4" 4 1/2" 5" 6" Union Clips .. 11d. 1/1 1/3 1/6 1/9 2/2 each. Stop Ends .. 5d. 5d. 7 1/2 d. 9d. 10 1/2 d. 1/- " Beaded Angles, Nozzles T Pieces, extra over plain .. 2d. 2d. 2d. 2d. 4d. 4d. "
	PHS 4300	Sanitary Connections. (1/8" or L.C.C. Pipes) to take Earthen- ware Pipe. P. and S. Branches 3 1/2" diameter:— For Pipe 6" 9" 12" 15" 18" 21" 24" 27" 30" 33" 36" pro. 10/6 12/- 13/- 14/- 16/6 19/- 20/- 22/6 25/- 28/- 30/- each P. and S. Branches 4" diameter:— 11/3 13/- 14/- 15/- 17/6 20/- 21/- 23/6 26/- 29/6 31/6 "
357	PHS 4103	O.G. Gutters. (Ordinary Thickness). Width .. 3" 3 1/2" 4" 4 1/2" 5" 6" In 6' lengths .. 1 6/2 1 9/2 1 10 1/2 1 11 1/2 2 3/2 3 0 1/2 per yd. O.G. Gutter Connections End Pieces, with drop 1/5 1/5 1/6 1/9 2/- 2/6 each. Union Clips .. 1/5 1/5 1/6 1/9 2/- 2/6 " Stop Ends .. 6d. 7 1/2 d. 9d. 10 1/2 d. 1/- 1/3 " Drops, Loose or Cast on 5d. 5d. 5d. 6d. 8d. 9d. "
	PHS 4066/2	Nottingham O.G. Gutter. In 6' Lengths. 4" x 2 3/4" 4 1/2" x 3" 5" x 3" 6" x 3 1/2" 2/2 1/2 2/9 2/11 3/9 per yard. Connections. Angles or Nozzles as 1 yard Gutter each. Stop-Ends or Union Clips as 1/2 yard Gutter each.

Page	Catalogue Number	Details.
357	PHS 4066/4 PHS 4066A	Moulded Gutters. Ordinary Thickness. In 6' Lengths. Painted. $3\frac{1}{2}'' \times 2\frac{1}{2}''$ $4'' \times 3''$ $4\frac{1}{2}'' \times 3''$ $5'' \times 3''$ $5'' \times 4''$ $6'' \times 4''$ $6'' \times 4\frac{1}{2}''$ 2/11 3/0 $\frac{1}{2}$ 3/6 $\frac{1}{2}$ 3/6 $\frac{1}{2}$ 4/0 $\frac{1}{2}$ 5/- 5/3 $\frac{1}{2}$ per yd. Connections as rule for Notts O.G. above.
	PHO 4293	Boundary Wall Gutters. Ordinary Thickness. $6'' \times 3\frac{1}{2}'' \times 2\frac{1}{2}''$ $7'' \times 4'' \times 4\frac{1}{2}''$ $8'' \times 5'' \times 5''$ $10'' \times 4'' \times 4\frac{1}{2}''$ $10'' \times 4'' \times 5\frac{1}{2}''$ 5/5 5/5 6/11 7/10 7/10 per yard.
	PHO 4104	Boundary Wall Gutter Connections. Standard Square or obtuse Angles (135°) or Nozzles as 2 yds. Gutter Union Clips, Stop Ends as $\frac{1}{2}$ " " Return Ends as $\frac{1}{2}$ " "
	PHO 4299	Deep Half-Round Gutters. Ordinary Thickness. $3\frac{1}{2}'' \times 2\frac{1}{2}''$ $4'' \times 3''$ $5'' \times 3''$ $5'' \times 4''$ 2/11 3/0 $\frac{1}{2}$ 3/6 $\frac{1}{2}$ 4/0 $\frac{1}{2}$ per yard. Connections as rule for Notts O.G.
	PHS 4066R	Moulded Gutters. Ordinary Thickness. $3\frac{1}{2}'' \times 2\frac{1}{2}''$ $4'' \times 3''$ $4\frac{1}{2}'' \times 3\frac{1}{2}''$ $5'' \times 4''$ $7'' \times 6''$ 2/11 3/0 $\frac{1}{2}$ 3/6 $\frac{1}{2}$ 4/0 $\frac{1}{2}$ 7/4 $\frac{3}{4}$ per yard. Connections as rule for Notts O.G.
	PHO 4294	Box Gutters. Ordinary Thickness. *Sizes stocked. $4'' \times 3''$ $4'' \times 4''$ $4\frac{1}{2}'' \times 3''$ $5'' \times 3''$ $5'' \times 4''$ $6'' \times 4''$ 3/5 3/11 3/6 4/3 4/4 5/4 per yard. Connections as rule for Notts O.G.
358	All Numbers.	Centre Gutters. Revised prices on request. Any sizes not listed above quoted for on application.
361	PHO 9315	Zinc and Galv'd. Sheet Iron Gutters and R.W. Goods. Small lots approx. 10% extra.
361	PHO 9315A	Rainwater Head. Sizes should read :—Width over ears 20"; Height exclusive of Spigot 18 $\frac{1}{2}$ "; Spigot 2"; projection 7 $\frac{3}{4}$ ". Sizes for pipes flat on wall—Round, 2 $\frac{1}{2}$ ", 3", 3 $\frac{1}{2}$ ", 4". —Rectangular, sizes as given Deleting 6" x 4" and substituting 3" x 3". Sizes for Pipes projecting 1 $\frac{1}{2}$ "—as above. Add letter "P" to No. when ordering. Price 33/9 each.
363	PHS 9312	Rainwater Head. Similar to above without ears, width 14 $\frac{1}{2}$ ", Height 17", Plus Spigot 2", projection 7 $\frac{3}{4}$ ". Price 33/3 each.
364	PHS 4037	Asbestos Cement Rainwater Goods. Reduced price list is now in operation and will be sent on request.
	PHS 4038	"Standard" H.R. Facia Gutter Brackets. Prices reduced. Sizes 3" to 5", 17/- gross. 1/7 doz.; 6" 20/- gross, 2/- doz. (B' Basis). "Standard" O.G. Facia Gutter Bracket. Prices reduced. Sizes 3" to 5", 23/6 gross, 2/3 doz. (B. Basis). Nottingham Pattern Ditto. 4", 23/- gross, 2/3 doz. Other sizes to order (B. Basis).
	PHS 4039	Improved "Standard" H.R. Rafter Bracket. 3" to 5" 47/6 gross, 4/4 doz. All "B" Basis with reductions for quantities.
367	PHS 7220	Spring Pipe Benders. Revised prices :— New pattern made of square section spring steel, NON RIB. 1" 1 $\frac{1}{4}$ " 1 $\frac{1}{2}$ " 2" diameter. 3/2 4/- 4/10 7/- each. Bright Steel with handle, 10/- 12/- 13/- 16/- "
	PHS 7225	Asbestos Elastic Pipe Clips. Revised prices :— 2" 3" 4" 5" 6" 8" 9" 10" 14/- 15/6 17/- 20/6 24/- 30/- 33/- 36/- each.
	PHS 9789	Wall Plugging Chisels are not illustrated. The illustration is of our Taper Screw Nose Pipe Opener.
	PHQ 7270	Prices as follow:— $\frac{3}{4}$ " 2/10 1" 3/2 1 $\frac{1}{4}$ " 3/6 1 $\frac{1}{2}$ " 4/- each.
369	PHS 9790	Copper Soil Pots. Price should read 2/9 each not 5d. each.
	PHS 7242	Pipe Caulking Tools. Illustrations on extreme right described as "Long Hollow Tools" should read "R. & L. Hand Picking out Tools."
370	PHQ 4023	Rivett'd Cylinder. Transpose illustration with that for PHS 9650 on page 371. Galvanized Tanks and Cylinders. All prices revised (approximately 25% less). New prices quoted against specification.

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE: BLACKFRIARS 6375
TELEGRAMS: "FIREPLACES"

WAREHOUSE: 9a, ST. JAMES SQUARE.

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BIRMINGHAM

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IONS 25A & 13B)

RKS:

D STREET, 1

SIONS 14A & 28B)

7 Street, BIRMINGHAM, 1

LOWROOMS:

Regent Street, W.1.

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Gosford Street,

TELEPHONE:
COVENTRY 4960

GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.

NUMERICAL

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XXIII.

PARKER, WINDE

BROA
BIRM

REFERENCE
EXPORT DEPARTMENT WHC/KLW.

The Eagle Oil & Shipping Co
16 Finsbury Circus,
LONDON. EC.2.

You

Dear Sirs,

We beg to acknowledge the letter of the 13th instant and in accordance with your separate cover to "SERVICE" catalogue, and for

Discounts from the letters found at the bottom of the

CCE - A B C F
DISCOUNT 25% 30% 40% 17 1/2%

The first six extra, and the last two lines

We trust these in due course we shall be of commands.

REVISED PRICES—continued

P. W. & A. LTD.

Page	Catalogue Number	Details.
371	PHS 9650	Cylinder. Transpose illustration with that for PHQ 4023 on page 370.
375	PSS 4259 PSS 4260	Bib Cocks. Both numbers should be printed on the lines below those on which they are at present. i.e. they should be opposite the prices for screwed Iron.
378	PSS 4249 PSS 4250	Safety Valves. Numbers under illustrations only (nowhere else) should be transposed.
381	All Numbers.	Lavatory Seats. Reduced prices on request.
382	PSS 6851	Combination Closet. Approximate Overall Sizes should be :— Height 3' 2" (including Lever, 3' 9"), width 1' 11" (including Side Lever for side action 2' 2"). Projection 2' 7 1/2".
383	PSS 6855	Wash-down Closet Suite. Specification and prices should read as follow :— To pass— Birmingham. Leicester. London. Comprising—Pedestal in White Glazed New River. Earthenware, with Seat Extension £ s. d. £ s. d. £ s. d. "S" (or "P") Trap .. 1 8 8 1 8 8 1 8 8 Stained Mahogany Seat & cover 1 13 7 13 7 13 7 Flushing Cistern as shown, 2 galls., plain painted, C.I. valveless syphon with cover, Galvanised Chain and Pull .. 2 2 6 2 12 9 2 2 6 Cistern Brackets 9" painted slate colour .. 1 2 1 2 1 2 Flush Pipe, Galvanised, seamless steel, Telescopic, 1 1/2" x 5' 0" .. 5 6 5 6 5 6 Flush Pipe Clips, as shown in PSS 6862 below .. 5 5 5 Complete Suite, Plain Painted Cistern .. £4 11 10 £5 2 1 £4 11 10 Extra if Cistern Porcelain Enamelled with W.P.E. Brackets .. 1 12 4 1 8 1 1 12 4 Complete Suite, Porcelain Enamelled Cistern .. £6 4 2 £6 10 2 6 4 2 *Closet may be supplied with "S" or "P" Trap, R.H. or L.H. Vent, or Side Outlet at no extra charge.
385	PSS 6601	Treasure Geyser. Prices withdrawn. New list on application.
390	PGS 137	Alpha Grate Parts. 21" Frets with Brass ring, knob and vent slide in best Blacked or Armour bright not now supplied.
398	PGS 113	Gas Fire Mantle Register. Revised prices :— No. 5 Radiant Fire complete with Gas Tap 60/3 each. " 6 " " " " " " 63/9 " " 7 " " " " " " 67/9 "
406	PGS 698	Fireplace Suite. Kerb size should be 3' 6" x 12" not 36" x 12". Price given is correct for the larger size.
414	PGS 998	"Eagle" Grates. Write for latest reduced Price List of new designs.
415	PGS 999, 1234 PGS 833, 996 997	The "Wren" Combination Grate. Write for list of up-to-date prices and latest designs.
416	PGS 1230 PGS 1231	Eagle Grate Range. Write for latest reduced Price List of new designs.
421	PGS 1000 1001	Forward Portable Range. Reduced prices as follow :— 24" 75/-; 30" 80/-; 36" 85/- each.
425	PGS 970	Parwinac Oil Burning Heater. Models shown are discontinued. Write for latest Catalogue.
433		Electric Lighting Fitting. Model withdrawn. Not now supplied.
438	PLS 5322	"Utility" Floor Machine. Price reduced to £35. A Junior Model has also been introduced known as "The Baby Utility" and is priced at £25 including one polishing and one scrubbing Brush.
439	PLS 5409	"Thor" Washing Machine now replaced by "Servis" Electric Washer. Price £16 - 16 - 0 net. Write for illustrated folder.
	PLS 5411	

Page	Catalogue Number	Details.
442	PHS 7452	Scythe Sneads. American Ring pattern 55/6 doz. 5/- each.
	PHS 7453	„ „ English, Ash, fitted 54/- „ 4/9 „
	PHQ 6923	Door Post Shoes. Prices cancelled, quotation sent against specification
448 & 449	PHS 6782 & PHS 6798	Saw. } Transpose illustrations.
451	PHS 8830	Plane. } Transpose illustrations.
	PHS 8334	Plane. }
	PHS 8329	Iron Planes. Reduced prices as follow :—"A" Basis.
	PHS 8331	PHS 8329 8331 8332
	PHS 8332	11/6 4/- 7/6 each.
	PHS 8330	With detachable front as illustrated for PHS 8334 10/6 each.
	PHS 8333	Japanned 5/6, Nickel Plated 6/6 each.
	PHS 8334	Illustration as for PHS 8330.
		Nickel Plated 5/8" Cutting Iron 8/6; 1 1/8" Cutting Iron 9/6 each.
	PHS 8335	Japanned, 5/8" Cutting Iron 4/6; 1 1/8" Cutting Iron 5/6; Nickel Plated, 1 1/8" Cutting Iron 6/6 each.
	PHS 8336	8336 8337 8338 8339 8340
	PHS 8340	7/6 3/9 10/- Obsolete 12/6 each.
453	PHS 7502	Firmer Chisel. Please delete the words "Round Back" in connection with this.
457	PHS 7576	Cast Steel Coachmakers' Gouge, is not priced but pattern is now withdrawn.
462	PHS 7945	Augers. Prices should read "per dozen" not "each." Nos. PHS 7897-9 are correctly priced as "each."
467	PHS 8364	"Millers Falls" Auger. Price withdrawn owing to Import Duties.
468	PHS 8302	"Tyro" Wood working Machine. Size 0 not now made.
470	PHS 7260	Sash Cramps. Price of 42" increased to 9/9 each. 113/6 dozen.
	PHS 7273	Sash Cramps. Revised prices as follow :—
	PHS 7275	Length of Bar .. 2 2 1/2 3 3 1/2 4 4 1/2 feet.
		PHS 7273 .. 13/- 13/6 14/- 14/8 15/- 15/8 each.
		PHS 7275 .. — — 19/9 20/6 21/- 21/9 „
		Length of Bar .. 5 5 1/2 6 6 1/2 7 feet.
		PHS 7273 .. 16/- 16/8 17/2 — — each.
		PHS 7275 .. 22/4 23/- 23/8 24/4 25/- „
	PHS 7276	Joiners' Cramp Ribbed G. Price of 12" increased to 113/6 per doz. 9/8 each.
	PHS 7292	Sash Cramps. Revised prices as follow :—
	PHS 7294	Length of Bar 24" 30" 36" 42" 48" 54" 60"
	PHS 7296	PHS 7292 .. 12/3 12/9 13/3 13/9 14/2 14/9 15/2 each.
	PHS 7299	PHS 7294 .. 10/2 10/6 10/10 11/2 11/6 — — „
		PHS 7296 .. 12/8 13/- 13/4 13/9 14/2 14/8 15/- „
		PHS 7299 .. 10/3 10/6 11/- 11/3 11/8 — — „
474	PHS 7909	Boxwood Rules. Should read 1 3/8" wide.
480		All patterns Spanners, Pliers, etc. Price withdrawn owing to Import Duties.
481		
482	PHS 7960/4	Files and Rasps. All prices withdrawn. Write for latest list issued 1st March, 1932.
487		Paints, Varnishes, etc. Prices withdrawn, quotations on request.
489	All Numbers.	Ladders. Now "B" Basis instead of "A."
490	PHQ 7460	Ladders. Now "B" Basis instead of "A."
	PHS 7461	Remainder of Page 490 still "A" Basis.
	PHS 7464	
491		Fencing Section. Many prices now reduced, write for latest Supplementary Catalogue No. 532.

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE: BLACKFRIARS 6375
TELEGRAMS: "FIREPLACES"

WAREHOUSE: 9a, ST. JAMES SQUARE.

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ALPHABETICAL INDEX, PAGE XI.
NUMERICAL „ „ XXIII.

& Achurch

A, 1

BROAD STREET, 1

NCH EXCHANGE)
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DOOMS:

LEY STREET, 1.

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D STREET, 1

SIONS 14A & 28B)

7 Street, BIRMINGHAM, 1

LOWROOMS:

Regent Street, W.1.

D 5466 (3 LINES)
O, LONDON "

PARKER, WINDE

BROA

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REFERENCE
EXPORT DEPARTMENT WHC/KLW.

To Eagle Oil & Shipping Co
16 Finsbury Circus,
LONDON. EC.2.

You

Der Sirs,

We beg to ackn
13th instant and in accorda
you under separate cover tw
SERVICE" catalogue, and for

Discounts from
our letters found at the b

CCE - A B C F
DISCOUNT 25% 30% 40% 17 $\frac{1}{2}$ %

The first six
extra, and the last two lin

We trust these
in the course we shall be f
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REVISED

Page	Catal Num
371	PHS 90
375	PSS 42 PSS 42
378	PSS 42 PSS 42
381	All Nur
382	PSS 68
383	PSS 68
385	PSS 66
390	PGS 13
398	PGS 11
406	PGS 69
414	PGS 99 PGS 999
415	PGS 833
416	PGS 12 PGS 12
421	PGS 10 100
425	PGS 97
433	
438	PLS 532
439	PLS 540
	PLS 541

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EXPORT

57-

Parker, Winder & Achurch

Ltd.

BIRMINGHAM, 1

Head Offices & Showrooms - BROAD STREET, 1

TELEPHONE : MID. 5001 (PRIVATE BRANCH EXCHANGE)
TELEGRAMS : - "IRONCLAD," BIRMINGHAM

FENCING SHOWROOMS:

Empire Buildings - BERKLEY STREET, 1.

TELEPHONE : MIDLAND 5001 (EXTENSIONS 25A & 13B)

PARWINAC WORKS:

Granville St. - BROAD STREET, 1

TELEPHONE : MIDLAND 5001 (EXTENSIONS 14A & 28B)

WAREHOUSES : Gas Street and Berkley Street, BIRMINGHAM, 1

LONDON OFFICES & SHOWROOMS:

7 & 8, Gt. Marlborough Street, Regent Street, W.1.

TELEPHONE : - - GERRARD 5466 (3 LINES)
TELEGRAMS : "PARWINAC, WESDO, LONDON"

MANCHESTER:

16, John Dalton Street, 2

TELEPHONE : BLACKFRIARS 6375
TELEGRAMS : "FIREPLACES"

WAREHOUSE : 9a, ST. JAMES SQUARE.

COVENTRY:

Gosford Street,

TELEPHONE :
COVENTRY 4960

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GENERAL CATALOGUE No. 271/00428.

ALPHABETICAL INDEX, PAGE XI.
NUMERICAL ,, ,, XXIII.

The Keystone of Building Service

This Catalogue can scarcely be claimed to be "all inclusive," but we hope that it will be useful, and we trust to receive a still larger share of support which, will not only be greatly appreciated but, will have careful attention.

COMPREHENSIVENESS.

The notable feature about our organisation is that, although our activities are diverse, we are, nevertheless, specialists in every department. When they come to us to purchase anything, that they may require, our patrons can be quite certain that they are receiving the best possible advice and the best type of any particular article, at the lowest cost.

This ideal has been attained by making each department of the Company a dependent organisation, concentrating its attention on procuring the best in its own sphere and giving to our clients the expert knowledge that results.

Furthermore, the great asset of a Company with capital, is that each of the specialist departments, that go to make the whole, has behind it resources that enables it to buy large quantities of any given commodity, thus securing the lowest possible prices, and to pass on a relatively low price to the purchaser.

CHROMIUM PLATING.

Chromium Plating is a new discovery in Protective Coatings. It is a stainless finish which may be applied to non-ferrous metals. Its characteristics are :—

1. Silver-like appearance.

2. Stainlessness, its brilliancy being retained indefinitely without the aid of lacquer.
3. Non-affection by moisture laden atmospheres.

On several pages the extras for Chromium Plating Stainless will be found stated.

RUSTLESS FINISHES.

Under ferrous metals, a suitable protection against rust is to be found in the **Parwinac** Rust Resisting Finish and the **Sheradized Berlin Blacked**, abbreviated in some instances "RR" and "SBB" respectively.

Parwinac Rust Resisting Finish is the result of extensive experimenting and represents the latest development in the fight against corrosion. A Chemically constituted Coating, in the first stages of its development it was rather like japanning, but we are now able to supply it giving a matt dead black finish, in all appearances similar to the usual Art Black.

"SBB" Rust Resisting Finish gives much longer life against corrosion than Art Black only, the Sheradizing being applied beforehand.

P.W.A's. PATENTS.

To our numerous Patents, have been added several new ones during the course of the past year.

The Special Patent Sash Pivot called the "**Pivota**" will be found illustrated and described on page 142. The "**Obligu**" Garage Door Holder on page 196 is also a new Patent.

The Keystone of Building Service—*continued*

Attention is also drawn to the “**Excel-in**” and “**Excel-out**” Fanlight Openers on page 220, “**Safeguard**” Reversible Casement Hinge on page 148, “**Empire**” Concrete Mixers on page 315, and “**Excel-sior**” Screens and Screening Panels on page 316.

The demand for these new inventions is steadily increasing.

THE SUBSIDY.

On pages 42 and 43 a schedule of Door and Window Fittings for a Subsidy House of average size and planning has been given.

We have left intact what was originally compiled for Subsidy Houses, because we felt that the two pages concerned might be helpful in giving suggestions for a popular range of Fittings which will, of course, be equally suitable for other types of Houses.

PREFIXES BEFORE CATALOGUE NUMBERS.

Taking the Hardware Prefixes as an example these consist of PHS, PHQ and PHO. The “PH” stands for “P.W.A. Hardware” and the last letter indicates respectively as follows:—“S” for “Stock”; “Q” for “Quick delivery”; and “O” for “Supplied to order only.” The Sanitary, Fencing and other Prefixes are worked upon the same principle.

LARGE STOCKS MAINTAINING QUICK DELIVERY.

Concentration upon stock lines means that purchasers secure the benefit of “Manufacturers’ Quantity Allowances.”

Apart from numerous fittings which we ourselves manufacture there is a considerable quantity of articles produced in various factories over which, on output, we have first call, and we are able in consequence to offer such Fittings at exceptionally low prices and to effect speedy deliveries.

FINISHES.

In the “Non-Ferrous” metals we have standardised upon four finishes: Polished Brass; C. B and R. on Brass; B.M.A. on Brass; and Oxidized Silver on White Metal. In the “Ferrous” class we have included Malleable Iron Berlin Blacked Finish and also the Rust Resisting finishes mentioned on previous page. Finishes that are stocked by us are Polished Brass and B.M.A. and wherever quoted, Malleable Iron Berlin Blacked; the other finishes apart from these, may be obtained very quickly.

ILLUSTRATIONS AND SIZES.

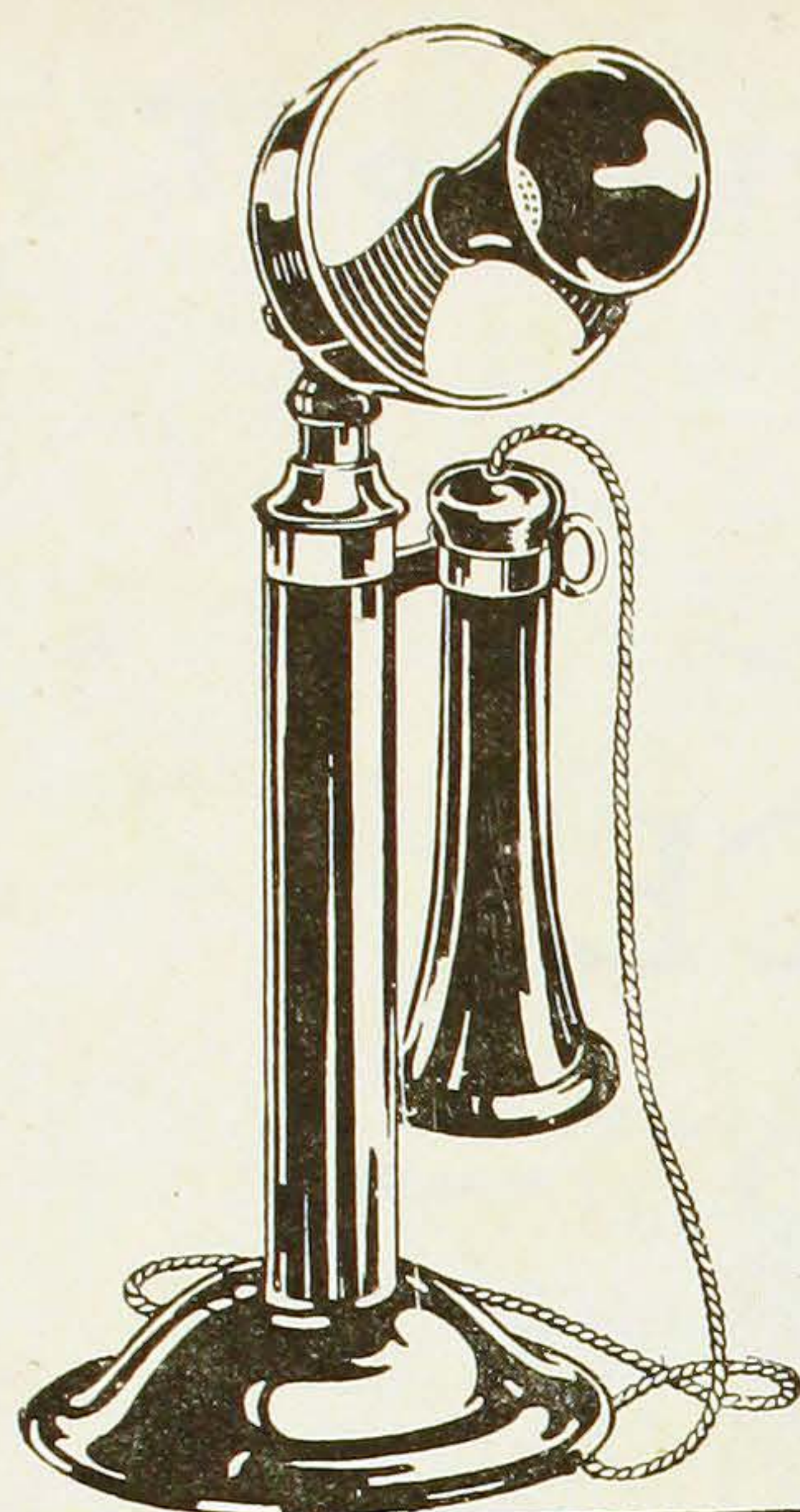
Illustrations and sizes are not binding but every effort has been made to give them correctly.

PRICES.

All prices are subject to alteration without notice. The terms applicable to the various pages are intimated by means of code letters, the index of which is given in the covering letter to this catalogue.

It is advisable to send us full details and quantities required as naturally we are able to quote better terms when these facts are in our possession.

We trust that you will find this catalogue interesting and useful, and we hope that you will be good enough to command us from time to time to supply fittings therein described.



**Make your enquiries
by Telephone.
You will receive
speedy and courteous
attention.**

ASK FOR ANY ONE OF THE
FOLLOWING NUMBERS

MIDLAND

2940	2946
2941	2947
2942	2948
2943	2949
2944	2950
2945	2951

2952

Departmental Index

Correspondents when communicating with the Company will save delay if they will be careful to mention the Departmental Reference on all correspondence, or when telephoning ask for the Extension Number, and if the matter is extremely urgent enquire for the the Departmental Manager.

Birmingham : Telegraphic Address : "Ironclad."

TELEPHONE
EXTENSION.

Managing Director's Office	...	...	...	...	...	17A.
Secretary's Office	...	...	...	...	...	18B.
General Office	...	...	...	...	...	13A.
Payments Department	...	...	...	...	...	6B
Cashier	...	...	...	...	...	10A
General Buying Department, "X" Dept.	...	...	...	...	...	9A.
Advertising Department	...	...	...	...	...	25B.

London : Telegraphic Address : "Parwinac, Wesdo."

TELEPHONE
Nos.

4, Great Marlborough Street, Regent Street, W.1. Regent 2508 & 2509

Manchester : Telegraphic Address : "Fireplaces."

16, John Dalton Street City 5350

Leicester : Telegraphic Address : "Ironclad."

64, London Road City 3501

Commodities.	Allocations.	Departmental Reference.	Section.	Telephone Extensions.
General Hardware, Door and Window Fittings, etc. ...	Bedfordshire, Berkshire, Buckinghamshire, Cambridgeshire, Channel Isles, Essex, Hampshire, Hertfordshire, Huntingdonshire, Isle of Wight, Kent, Leicestershire, London, Middlesex, Northamptonshire, Oxfordshire, Rutlandshire, Suffolk, Surrey, Sussex, Warwickshire, Wiltshire, Worcestershire, and the whole of Scotland ...	C Dept. ...	1 ...	12A
		" " ...	2, 3, 4	29A, 12B, 27B. respectively.
	Cheshire, Cornwall, Cumberland, Derbyshire, Devonshire, Dorsetshire, Co. Durham, Gloucestershire, Herefordshire, Isle of Man, Lancashire, Lincolnshire, Monmouthshire, Norfolk, Northumberland, Nottinghamshire, Shropshire, Somersetshire, Staffordshire, Westmoreland, Yorkshire ...	M Dept. ...		6A
	Wales ...	W Dept. ...		21B
	Birmingham and District Builders and the whole of Ireland ...	A Dept. ...		7A & 24A
	Birmingham and District Architects ...	R Dept. ...		18A & 26A
	Institutions, Hospitals & Works, etc. (Birmingham District) ...	K Dept. ...		8B.
	British Isles ...	J1 Dept. ...		23B
Central Heating ...				
Ciment Fondu, Clensol, Sal-Ferricite & Ac'ulator Service	Birmingham District ...	Service Dept. ...		30B
Concrete Mixers, Screens ...	British Isles ...	Sales Dept. ...		16A
Electrical ...	" " ...	Electrical Dept. ...		20A, 21A & 22A
Engineers' and Joiners' Tools, Tools, etc. ...	" " ...	Shop, (L.D.H.V.&G. Depts.) ...		1B & 17B
	" " ...	EF Dept. ...		25A & 13B
Fencing ...	" " ...	Z Dept. ...		8A, 28A & 4B.
Fireplaces, Slow Combustion Stoves, etc. ...	" " ...	F Dept. ...		9B & 19B.
Furnishing Hardware, Domestic Appliances, etc. ...	" " ...	B Dept. ...		30A & 11B.
Garden Requisites, Paints and Varnishes ...	" " ...	J3 Dept. ...		4A
Oil Heaters for Central Heating	" " ...	Z Dept. (Sanitary) ...		20B
Sanitary ...	" " ...			
Universal Supplies ...	East and West Africa, Canada, New Zealand, South and Central America, Near and Far East ...	Export Dept. ...		2A, 14A & 28B.
Ventilators, Cowls, etc. ...	British Isles ...	J2 Dept. ...		19A.

URGENT SERVICE

In order to meet the requirements of our patrons in all parts of England and Wales, we are prepared, circumstances and weather permitting, to deliver orders by Motor Transport the same day as received, providing that they reach us by 9 o'clock in the morning, either by post or by telegram.

Orders so required should be marked "**URGENT SERVICE**" so that they may receive immediate attention by the Despatch Department and they should call for the Stock Fittings indicated in this Catalogue by the Stock Prefixes:—

Hardware	BS & PHS
Domestic Furnishing	PDS
Grates, Fireplaces, etc.	PGS
Sanitary Fittings	PSS
Drain Cleaning Apparatus	DCS
Fencing	PFS
Electric & Lighting Appliances	PLS

It will of course be understood that there may be times and occasions when it would be impossible for us to render this Service, but our aim is to do so and difficulties attending each particular case shall be overcome if possible.

ALPHABETICAL INDEX	page xi
NUMERICAL INDEX	page xxiii

Conditions of Sale

PRICES AND DISCOUNTS.

Prices and Discounts are subject to market fluctuations and alteration without notice. This Catalogue supersedes all previous issues.

CARRIAGE.

Unless otherwise stated, carriage is paid to address, if within Railway Delivery Limits or to nearest Station, generally on orders of £5 Nett Invoice Value, but there are numerous exceptions according to Trade Custom.

SHORTAGES, BREAKAGES & DAMAGES.

Packed Goods, if not checked on delivery, must be signed for as "not examined." If anything is short or damaged, Advise Railway Company and Ourselves within Three Days, otherwise they, and consequently we, must decline all liability.

UNPACKED GOODS.

Unpacked goods must **never** be signed for as "Not Examined" this would be regarded as a clear signature, but must be checked upon delivery, and any discrepancy **Noted on Railway Company's Sheet**, and details sent to us.

BROKEN PARTS.

Broken Parts must be handed to the Same Carriers to Await Our Instructions, and we should be advised immediately and exact details of breakages and shortages given. Only Broken parts must be returned and no sound parts whatever.

DELAY IN DELIVERY.

Important.—If goods are not delivered within 10 days from date of despatch please notify us at once, otherwise we have no claim on Railway Co., if they are lost in transit and in that case we could not be responsible.

TERMS.

You are allowed 5% (1/- in the £) Settlement Discount for cash with order; or 2½% (6d. in the £1) if paid within 30 days of month following date of despatch, except invoices for labour and materials or for contracts, which are marked nett. Overdue accounts and amounts under £1 strictly nett.

REFERENCES.

All first orders, unless accompanied by cash require two references. Correspondents unknown to us will save delay by sending remittance with order.

ORDERS.

May be sent to any address of the Company and in order to prevent material going astray name of nearest goods Railway Station should be stated. Cheques, Money or Postal Orders should be made payable to Parker, Winder & Achurch Ltd., and crossed "Midland Bank Limited." If treasury notes are sent they should be registered.

EMPTYES.

Empty Packages, if returnable, will be credited in full, when received carriage paid, in good condition, and we have been duly advised of their return. One-third allowed on empties not returnable.

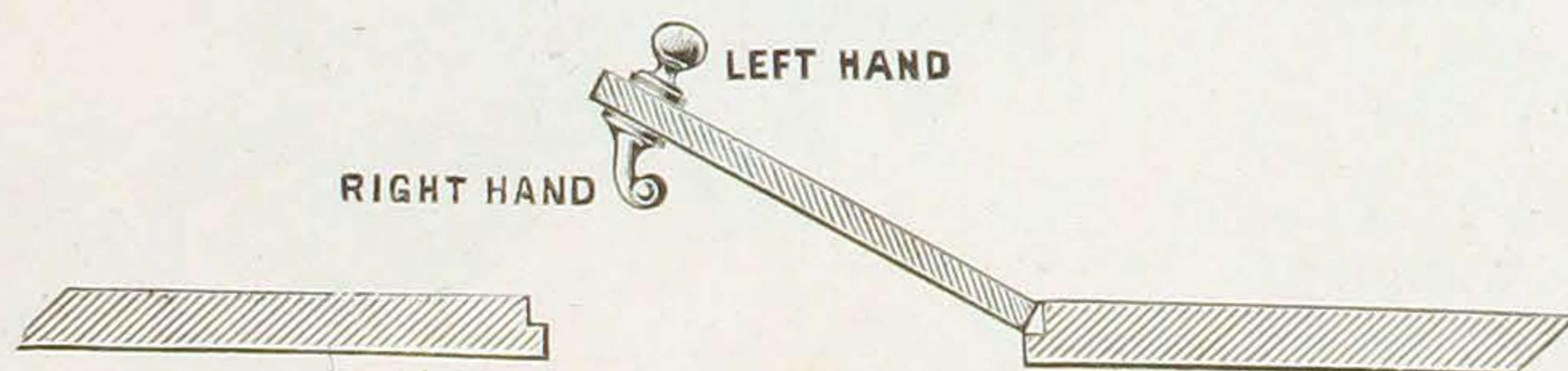
ILLUSTRATIONS AND SIZES.

Illustrations and sizes are not binding, but every effort has been made to give them correctly.

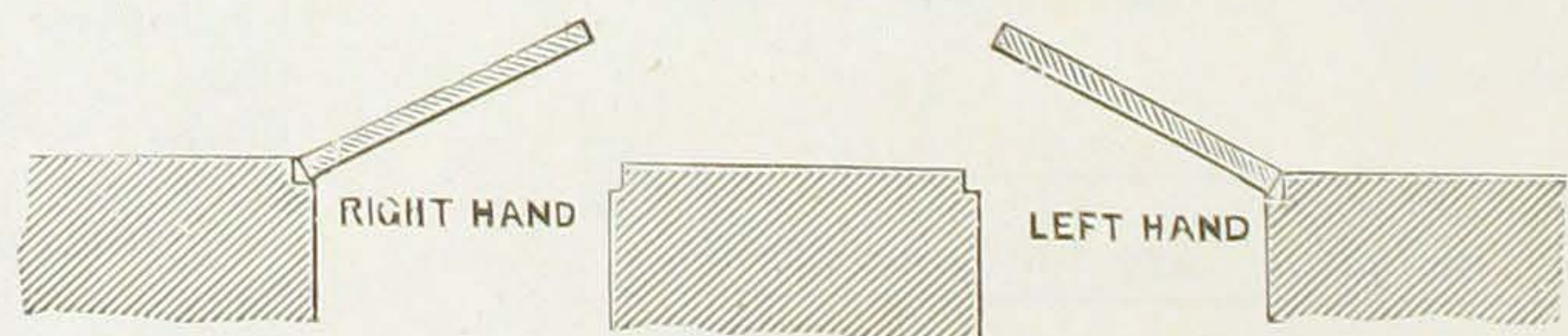
COMPLAINTS.

All complaints and alleged deficiencies must be addressed direct to the Company at once, otherwise no allowance whatever can be made at settlement.

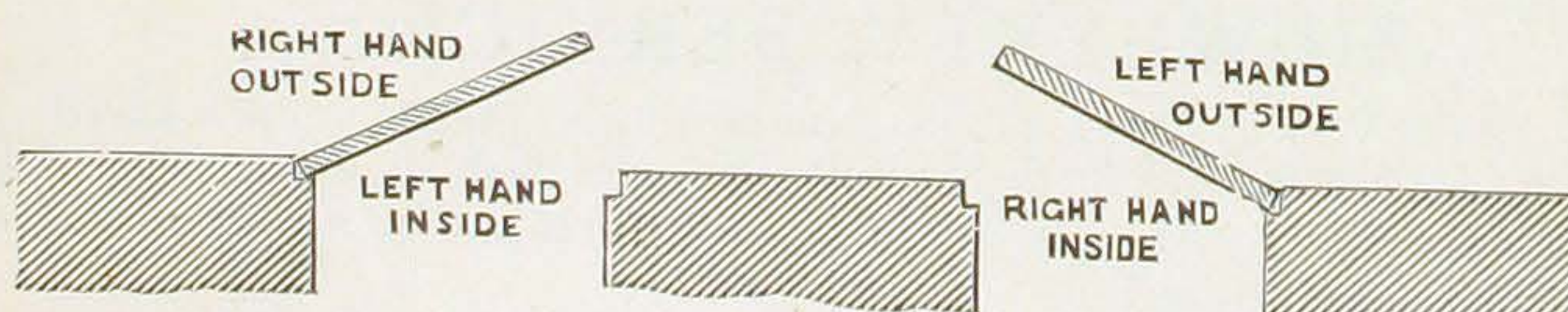
Examples of Right and Left Hand



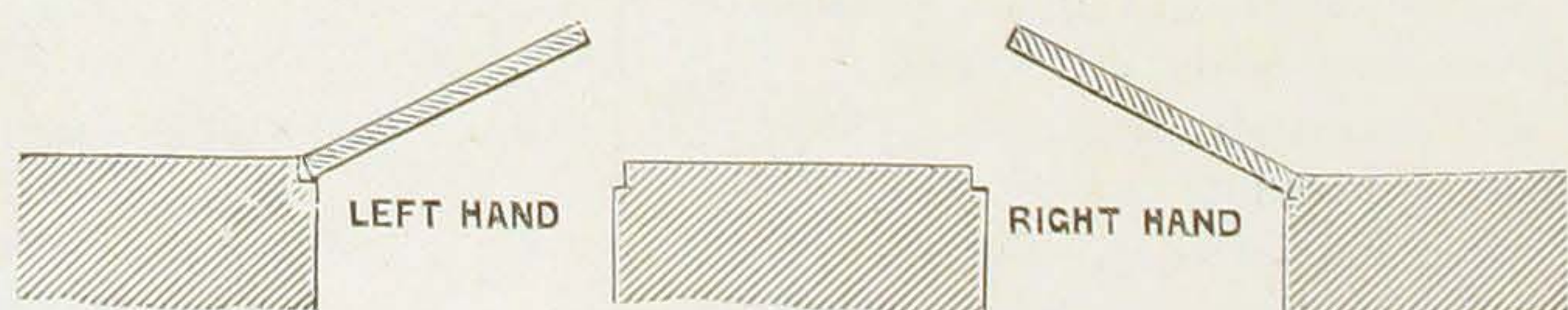
For Lock Plates and Door Handles.



For Locks, Latches and Single Action Door Springs.

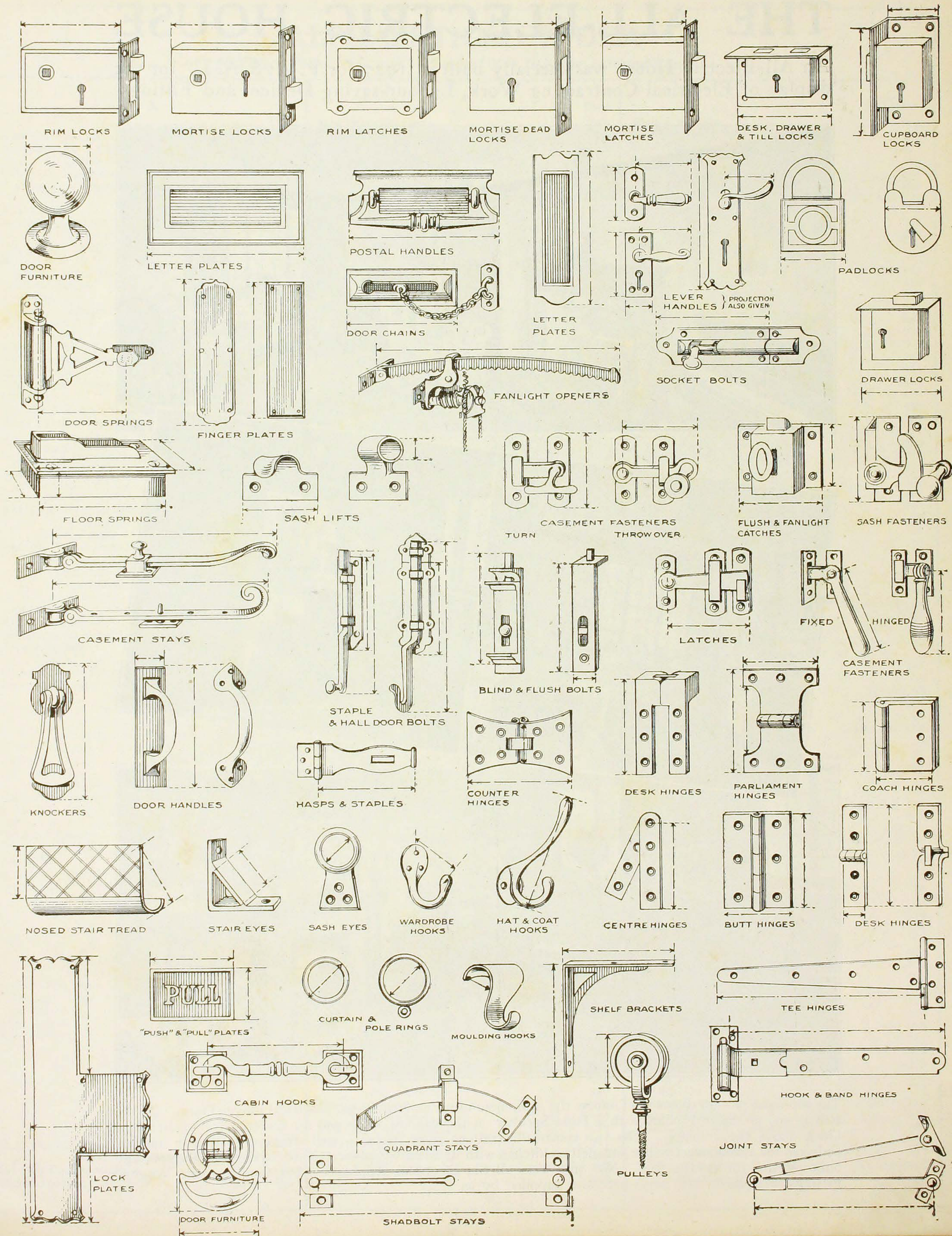


For Casement Fasteners and Window Bolts.



For Rising Butt Hinges.

PARKER, WINDER & ACHURCH, LTD., BIRMINGHAM.



THE ALL-ELECTRIC HOUSE

An All-Electric House was specially built in 1927 for P. W. & A. L^{TD} for the display of Electrical Contracting Work, Labour-saving Devices and Fittings.



The top-most picture shows the Lounge, the equipment of which includes an Electrical Player Piano. At the foot is one of the bed-rooms with a Loud Speaker on the window ledge and an Electrically Synchronised Clock above the fireplace. The two centre illustrations show (right) a well-arranged setting in another bedroom for a small electric fire and (left) a kitchen with its Electric Cooker. Note particularly the specially built recesses for electric fires. Not only were all the Electrical Appliances, but the Door and Window Fittings, Fireplaces, etc., etc., were also supplied by us.

ALPHABETICAL INDEX

NOTE.—Page Numbers in bolder type indicate principal pages.

A		Page.			Page.			Page.
Abattoir Fittings	...	294	Bag Drain Stoppers	...	347	Blades, Scraper	...	465
Acetylene Flare Lights	...	324	Bakers' Oven-work	...	312	„ Scythe	...	442
„ Lamps	...	324	Balances, Sash	...	139 to 141	Blast Furnace, Oil	...	327
„ Acme " Ball Castor	...	341	Bale's Ball Latches	...	111	Blind Bolts	...	90
„ Acme New World " Gas Cooker	...	412	Ball Castors	...	341	„ Eyes, Brass	...	137
„ „ „ Range	...	412	„ Catches	...	111	„ „ Iron	...	296
Adamant	...	487	„ Cocks	...	373 and 375	„ Furniture	...	201 and 202
Adjustable Corner Brackets	...	205	„ Latches	...	111	„ Knot Holders	...	201
„ Door Stops	...	112	„ Valves	...	373 and 375	„ Rollers	...	202
„ Adjusto " Sash Fasteners	...	133	Balls, Caddy	...	199	Blinds, Sun	...	202
Adze, Carpenters'	...	469	Banker's Door and Frame	...	329	Blocks, Pulley and Gin	...	333 to 336
„ Aidsu " Floor Door Springs	...	106	Barn Door Hangers	...	285	„ Screw	...	336
„ Aidsu-Shallow " Floor Door Springs	...	106	Barrack Hat and Coat Hooks	...	151	„ Snatch	...	333 and 334
Air Bricks	...	298 and 301	„ Latches	...	242	Blount Door Springs (see "Yale")	...	114
„ Louvre	...	299	Barrel Bolts, Brass	...	89	Blow Lamps, Plumbers'	...	327
„ Cocks	...	372	„ „ Iron	...	94	„ Pipes, Gas	...	367
„ Gratings	...	290, 298, 300 and 301	„ Cocks	...	374	„ Torches, Brass	...	367
Airer, Clothes	...	194	„ Mortice Locks	...	16	Boards, Insulating, "Celotex"	...	272
Air-Tight Inspection Covers	...	308 and 309	„ Pour	...	326	„ Plaster and Wall	...	272
Alarm Bells	...	156	Barrows, Garden and Navy	...	310	Bobbins, Plumbers'	...	368
„ All-Night " Boilers	...	427	„ Swing Water	...	310	Bobs, Plumb	...	466
Alms Dish	...	189	„ Tubular Steel	...	310	Boiler Cutters	...	367
„ Alpha " Bottom Grates	...	390	Bars, Leamington	...	390	„ Grates	...	400 to 402, 408, 414 and 420
Altar Candlesticks	...	187 and 189	„ Locking	...	239	Boilers, Domestic Modern	...	426 and 432
„ Crosses	...	187	„ Roof Glazing	...	272 and 273	„ Garage and Greenhouse	...	427
„ Vases	...	189	„ Sill	...	234	„ Portable	...	430 and 431
„ Always " Fanlight Openers	...	217	„ Weather	...	234	„ Range, Saddle, etc.	...	390
Angle Brackets	...	214	„ Wrought Arch	...	312	Bolection Mould Door Handles	...	76
„ Plates	...	214	Bar Tin	...	317	Bolster, Brick	...	477
„ Pulleys	...	221	Basket Castors	...	341	„ Masons'	...	477
Anti-Friction Door Runners	...	285	Baskets, Slipper Cloak-room	...	153 to 155	Bolt Ends	...	483
„ „ Hinges	...	252	„ Trug	...	443	Bolts, Antique Iron	...	257
„ Splash Funnel	...	325	„ Waste Paper	...	444	„ Barrel, Brass	...	89
Antique Hammered Hinges	...	46	Bath Boilers, Range	...	390	„ „ Iron	...	94
„ „ Latches	...	46	„ Cocks	...	373, 375 and 376	„ Bedroom	...	88
„ Ironwork	...	256 to 265	„ Fittings	...	373 to 378, 385 to 388	„ Blind	...	90
„ Lock Furniture	...	262	„ Overflows	...	374	„ Bow Handle	...	92
Arch Bars, Wrought	...	312	„ Plugs	...	374	„ Brenton's Padlock	...	94
Archimedean Ventilators	...	297	„ Seats	...	381 and 387	„ Cabinet	...	94
Architects' Rules	...	473 and 474	Bathroom Fittings	...	373 to 383, 385 to 389	„ Cupboard	...	43, 86, 88, 90 and 244
Architectural Metal Work	...	157 to 186	Baths, Cast Iron	...	385 and 386	„ Enclosure	...	88 and 207
Area Gratings	...	298	„ Bat " Hurricane Lamps	...	325	„ Espagnolette	...	121
„ Lights	...	305	Beams, Steel	...	322 and 323	„ Flush	...	87, 90, 91, 93, 287 and 295
Armoured Fire Doors	...	306	Beanland's Stays	...	226	„ „ for Sliding Doors, 87, 93, 287 and 295	...	121
Asbestos Cement Sheets	...	318	Beaver Board	...	272	„ French Window	...	121
„ „ Millboard	...	318	Bedroom Door Bolts	...	88	„ Gate	...	92, 93
„ „ Roofing Slates	...	318	„ „ Knockers	...	213	„ Gothic	...	91 and 93
„ „ R. W. Goods	...	363	„ „ Locks	...	11 and 23	„ Gutter	...	364
„ Corrugated Sheets	...	318	Bedstead Castors	...	340	„ Hall Door	...	86
„ Elastic Pipe Clips	...	367	„ Beeston " Boilers	...	432	„ Indicating	...	102 and 103
Ash-pans	...	429	Belaying Pins	...	134	„ Iron Door	...	94
„ Poles	...	218	Belfast Sinks	...	384	„ Monkey Tail	...	92
„ Trays	...	192	„ Bell " Interiors	...	395	„ Mortice Door	...	141
Asphalters' Bucket	...	320	Bell Cranks	...	59	„ Padlock	...	94
Asphalt Roofing Felt Sheets	...	317	„ Fittings	...	156	„ Panic	...	100 and 101
Asylum Sash Locks	...	141	„ Pull Converters	...	59	„ and Plates	...	147
„ Atlas " Fanlight Openers	...	226	„ Pulls	...	59 and 257	„ and Shields, Expanding	...	279
„ „ Skylight	...	226	„ Pushes	...	56 to 59, 74 and 262	„ Showcase	...	88 and 207
Auger Bits	...	462	Bellows, House and Smith's	...	321	„ Socket, Brass	...	86, 88 and 89
Augers, Carpenters' and Joiners'	...	462 and 467	Bells, House	...	75	„ „ Iron	...	94
Automatic Fire Door Fittings	...	306	„ Shop Door	...	156	„ Square Spring	...	92
„ Gate Catches	...	253	„ Various	...	156	„ Stable	...	296
„ Louvre Ventilators	...	299 and 300	Bell's Steam Outlet Pipes	...	312	„ Staple	...	86
„ Oil Burning Heater	...	433	Belt Ears, Loose, for R.W. Pipes	...	362	„ Stile	...	88 and 94
„ Panic Bolts	...	100 and 101	Bench Forge	...	321	„ Straining Eye	...	366
„ „ Latches	...	101	„ Holdfasts	...	471	„ Tower	...	94
„ Sash Holders	...	139 to 141	„ Screws and Stops	...	471	„ Warehouse	...	93
„ W.C. Locks	...	117 and 118	Benders, "Scols" Junior Tube	...	349	Bolts and Nuts, Engineers'	...	483
Automobile Wrench	...	480	„ Spring Pipe	...	367	„ „ Hook	...	366
„ Avecta " Drain-Pipe Cleaners	...	347	Bending Bolts	...	367	„ „ Mudguard	...	483
Awls, Marking	...	465	„ Sticks	...	369	„ „ Spout and Roofing	...	364
Axes, Various	...	469	Bevels, Sliding	...	463	„ Bommer " Spring Hinges	...	110
Axle Pulleys	...	145 to 147	Bib-Cocks	...	374 and 375	Book-case Fittings	...	201
			Billiard-Cue Clips	...	195	Boot-Bunkers, Cloak-room	...	153 to 155
			Bird Baths	...	440	Boring Machines	...	328
			Birmingham Dust Bins	...	339	Bossing Mallets	...	369
			„ Bi-Side " Fire Alarm Lock	...	17	„ „ Sticks, Boxwood, Plumbers'	...	369
			Bissell's Fanlight Catch	...	215	Bottle Jacks	...	332
			„ Floor Cramps	...	471	Bottles, Oil	...	325
			Bits, Expansive	...	481	Bottom Grates	...	390 to 392
			„ Woodworkers'	...	461 and 465	Boundary Wall Gutters	...	357
			Bitumen Damp Course	...	317	Box Gutters and Connections	...	357
			Bituminous Felts	...	317	„ „ Locks	...	41
			Blackboard Movements	...	143	Box Strapping	...	317
			Blades, Brad-Awl	...	459	Boxes, Mitre	...	466 and 467
			„ Pad Saw	...	459	„ Hexagon Coupling	...	333

B

Back-Flaps, Brass	...	97 and 287
„ „ Wrot, Welded and Steel	...	95
Back-to-Back Grates	...	420
Baffler Hopper Casements	...	181

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
Boxes, Letter	91	C			
" Stop Cock	301	Cabinet Bolts	94	Chest Handles	199 and 200
Boxwood Laths	474	" and Drawer Handles	245	Chest Locks	39 and 41
Boxwood Rules	474	" Handles and Escutcheons	197 to 200 & 245	Chestnut Paling	496
" Sticks, Plumbers'	369	" Locks	40 and 41	Chimney Cowl	297 and 298
Boyle's Ventilators	297	Cabinet, Oil Storage	326	" Sweeping Sets	346
Brace and Bit Holders	467	Cabin Hooks, Brass...	111	China Door Furniture	60
Braces, Woodworkers'	460	" Iron	296	Chipping Chisels	469
Brackets, Angle	214	Caddy Balls	199	" Knives	368 and 485
" Bridle	292	Canadian Latches	46 and 242	Chisels	469
" Cantilever	377	Candlesticks, Altar	187 to 189	" Cast Steel, Wagon Builders'	458
" Cistern	377	Canopies, Wrought Iron	158	" Chipping	469
" " Coburn "	276, 277 and 282	Cans, Oil	325	" Double End Drawer Lock	465
" Corner and Quadrant Extending	208	Cantilever Brackets...	377	" Machine Mortice	453
" Cornice Pole and Muslin Rod	205	Canvas Backed Hair Felt	317	" Stonemasons'	469
" Cup	201	Cap Staples	22	" Turning	458
" Curtain Rod	202 to 205	Carbide, Cakes of	324	" Wall Plugging	367
" " D "	201	Carborundum and Steel Stair Treads	236	" Wood	453 to 456 and 458
" Fire Bucket	320	Card Frames	212	Chromium Stainless Plating	iii.
" Gas	344 and 345	" Table Hinges	97	Church Bells	156
" Gutter, Facia, Rafter, etc.	364	Carpenters' Adze	469	Church Door Locks	22
" Hand Rail	119 and 155	" Tools	446 to 476, 481 and 482	" Furniture	187 to 189
" Ladder	490	Carpet Holders, Stair	193	Ciment Fondu	318
" Lamp,	165, 167 and 168	" Pins and Sockets	206	Cistern Brackets	377
" Lavatory...	377	Carriage Gates	157 to 159, 161 and 163	" Flush Pipes	379
" Pipe	348	Carved Oak Name Plates	267	" Overflows	378
" Pulley	202	Casement Fasteners	43, 122 to 133, 258 and 259	" Pulls	380
" Riding	292	" " Antique Iron	258 and 259	Cisterns	383
" Saddle	292	" Hinges	148	" City " Ranges	423
" Sheep Dressing	294	" Openers	219	Claw Sash Fasteners	43, 135 and 259
" Shelf	52, 208, 214, 387 and 388	" Stays	43, 122 to 133, 258 and 259	Cleaners, Vacuum	439
" Sink and Cistern	377	Casements, Hopper	174 and 181	Cleat Hooks	134
" Spout	364	" Wrought Steel	171 to 178	" Climax " Blind Furniture	202
" Stirrup	292	Cast Iron Gates and Railings	184 to 186	" Floor Door Springs	105
" Tapped Bar, Shelf	208 and 209	" Windows	307	Clips, Asbestos Elastic Pipe	367
Brad-Awl Blades	459	Castors, various	340 and 341	" Bull Dog Wire Rope	333
Brad-Awls	459	Catches, Ball	111	" Cue	195
Brad Punches	465	" Cupboard	43, 88, 210 and 261	" Pipe	194, 362, 364, 367 and 379
Branch Candlesticks	187	" Fanlight	143 and 215	" Shaving Brush	388
Brands, Wrot. Iron...	270	" French Window	213	" Shelf	207
Brass Cased Tubing...	205 to 207	" Gate	112, 251 and 253	" Standard and Tapped Bar	209
" Hinges, various	97	" Refrigerator	191	Cloakroom Fittings	153 to 155
" Mortice Locks	18 and 20	" Show-Case and Window	207 and 210	Clock Chains	195
" Plate and Ring	193	" Stop, for Gates	112 and 253	" Gongs	156
" Bray " Gas Burners	344 and 345	Catholic Door Furniture	59	Closets, Chemical and Earth	380
Brazing Pans and Outfits	321	Cattle Drinking Troughs	293	" Combination	382
Breakers, Stone and Brick	317	Caulking Tools, Pipe	369	Closet Seats	381
Brenton's Padlock Bolts	94	Caul Trug	443	" Suites	383
Brick Bolster	477	" C.C." Locking Latch	242	Clothes Airers	194
" Breaker	317	Cellar Doors and Frames	307	" Line Pulleys	134
" Dresser, Handled	478	" Flaps	305, 307	Club Hammers	469
" Hammers	478	" Windows and Frames	307	Clyburn Spanners	480
Bricklayers' Tools	478	" Celotex " Insulating Board	272	Coach Screws	483
Brickwork Reinforcement	314	Cement (Ordinary)	487	" Wrench	480
Bridle Brackets and Hooks	292	Cements, various	318	Coal Gins	333
" Brighton " Sash Fastener	135	Censer	188	Coal Hammers	479
Broadcast Receiver	435	Central Heating	432 and 433	" Hoppers	306
Bronze Plates and Numbers	266 to 269	Centre Door Knobs, Brass, etc.	45 and 71	" Plates	305
Broom Holders	292	" " Iron	241	Coat and Hat Hangers and Hooks,	52, 149 to 155 and 257
Brushes, Decorators'	486	" " Stainless	51	" Coburn " Fittings, various	274 to 282, 286 and 287
Buckets	310	" Gutters	357	" " Major " and " Minor " Components	275
" Asphalters'	320	" Pin Hinges	97	" Overhead Runways	280 to 282
" Contractors'	320	Centres, Sash	142 and 143	Cocks, Bath, Lavatory, etc.	372 to 376
" Fire	320	" Top and Bottom	109	Cogs, Frost	366
" Buckingham " Openers	227	Ceresit Cement	318	Coil Springs, Door	117
Bucksaws	449	Ceresitol Liquid Waterproofing	318	Coin Locks	117 and 118
Buffers, Rubber	111 and 112	Chain Fittings	492	Cold Sets	478
Builders' Screens	314 and 316	" Ladders	338	Collapse Gates	160, 162 to 164
Building Sheets, Asbestos	318	" Link Fencing	497 to 501	" Letter Boxes	91
Bull Dog Rope Clip...	333	Chains, Chandelier	194	Colliery Gongs	156
Bunker Lamps	326	" Door	94	Collinge's Hinges	251
Bunkers, Boot	153 to 155	" Ornamental	492	Colours, Dry	487
Burners, " Bray "	344 and 345	" Sash	146	" Ground in Oil	487
" Paraffin	326	" " Shutter and Telegraph	144	Columns, Lamp and Verandah	302 to 304
Butchers' Shop Fittings	294	" Scaffold	320	" Solid Round Steel	323
Butterfly Hinges	199	" Sling or Lashing	319 and 330	Combination Closets	382
" Butterfly " Wall Ties	313	" Slip	330	" Grates	414 to 419
Butt Hinges, Brass	98 and 99	" and Stays, Lavatory	380	Compass Saws	448
" Cast Iron	42 and 95	" Various	195	Concrete Mixers, " Parwinac "	315
" Iron and Steel, various	95 and 96	" Weldless Steel	320	" Rollers	317
" Lock Joint	95 and 199	Channels for Sliding Doors	275, 279 and 287	Conductors, Lightning, and Accessories	190
Buttons, Cupboard, Brass	111	Chase Wedges	367	Cone Head Roofing Screws	364 and 366
" Iron	244	Cheeks, Hopper	179 and 180	Connecting Plates	214
" Press	192	" Iron Range and Fireclay	391 and 392	Connections, Flush Pipe	379
" Turn	111, 192 and 244	Chemical Closets	380	" R.W. and Sanitary	356 to 358 & 363
Buxton Lime	487			" Connaught " Fanlight Opener	220

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
" Conquest " Fire Extinguishers ...	338	Cutting Nippers ...	481	Dowel Trimmers ...	465
Contractors' Equipment ...	310 to 327	Cycle Holders ...	155	Drain Cleaners ...	347
" Lamps ...	324, and 325	Cylinder Cabinet Locks ...	41	" Cleaning Sets ...	346
" Pumps ...	352	" Locks ...	36, 37, 41 and 295	" Coverings, Iron ...	290
Contractors' Trestles ...	320	" Night Latches ...	37	" Pipe Cleaners ...	347
" Watering Cans ...	441	Cylinders, Copper ...	371	" Stoppers ...	347
" Cookanheat " Portable Ranges ...	426	" Galvanised ...	370	" Ventilators ...	299
Cookers, Back-to-Back ...	420			Draught Excluders ...	234 and 235
" Electric ...	434			" Strips ...	234
" Gas ...	412			" Tubing Flange ...	234
" Portable ...	425 and 426			Drawback Locks ...	38
Coopers' Drivers ...	478			Drawer and Cabinet Handles,	
Cooper's Patent Suction and Vacuum Pumps	347			197 to 200, 205, 211 to 213, 245 and 254	
Copper Cylinders ...	371			" Knobs 56, 57, 60, 197, 244 and 245	
" Rivets ...	483			" " Glass ...	60
" Tubes and Fittings ...	349			" Locks ...	39 to 41
" Washers ...	483			Drawer-off Cocks ...	374 and 375
" Weather Vanes ...	170			Drawer Pulls,	
Cord Handles and Pendants ...	201 and 221			197 to 200, 205, 211 to 213, 245 and 254	
" Pulleys ...	221			" Pulls, Iron ...	245 and 254
Cords, Endless ...	221			" Runners ...	196
" Picture, Sash and Wire ...	144			Drawing Knives ...	459
Corner Brackets ...	208			Dressers, Boxwood ...	369
" Adjustable ...	205			Drill, Expansive ...	465
Cornice Pole Brackets ...	205			Drip Plates, Steel ...	367
" Ends ...	206			Drive Screws ...	366
" Rings ...	203			Driving Brackets, Spout and Gutter ...	364
Corrugated Fasteners ...	442			Drop Ring Handles, 45, 248 to 250, 254 and 255	
" Sheets, Asbestos ...	318			" " Antique ...	260
" Galvanised ...	365			Drugget Pins ...	206
" Skylights ...	365			Dry Colours ...	487
Counter Hinges ...	97 and 251			" Hair Felt ...	317
" Measures, Brass ...	474			Dryers ...	487
" Rails and Guards ...	120			Duck Lamps ...	326
" County " Sash Opener and Fastener ...	133			Dummies, Plumbers' ...	367
Coupling Box, Hexagon ...	333			Dummy Heads, Plumbers' ...	368
Covers, Air-tight Inspection ...	308, 309			" Duplex " Electric Polisher ...	439
" Manhole ...	308, 309			" Duplex-Screw " Fanlight Opener ...	225
" Manlid ...	390			" Durabar " Draught Excluder ...	235
" Cow " Brand Portable Boilers ...	431			" Durable " Furniture ...	50
Cow-House Windows ...	290			Dust Bins ...	339
Cow Stalls ...	293			Duster Brushes, Flat Set ...	486
Cowls, Chimney ...	297 and 298			Dutch Hoos ...	443
Crabs, Hoisting and Wall ...	331 and 332			" Tile Fireplaces ...	410 and 411
Cramps, Joiners' and Flooring ...	471				
" Sash ...	470				
" Veneering ...	470				
Cranks, Bell ...	59				
Creosote ...	487				
Croid Liquid Glue ...	327				
Cross-Cut Saws ...	449				
" Garnet Hinges ...	253				
Crosses, Altar ...	187				
" Processional ...	188				
Crowbars ...	478				
Cubicle Locks ...	31				
Cue Clips ...	195				
" Cultivatum " Boiler and Apparatus ...	427				
" Cup and Ball " Hinges ...	251				
Cupboard Bolts ...	43, 86, 88, 90 and 244				
" Brass ...	88 and 90				
" Iron ...	43, 86, 88 and 244				
" Buttons, Brass ...	111				
" Iron ...	244				
" Catches ...	43, 88, 210 and 261				
" Door Track and Rollers ...	102				
" Knobs 56, 57, 60, 197, 244 and 245					
" Locks ...	39 to 41				
" Turns, Antique ...	260				
" Brass, Stamped ...	56 and 57				
" Cabinet ...	197 to 200				
" Glass ...	60				
" Iron ...	244				
" Wood ...	244				
Cup Brackets, Blind Roller ...	201				
" Hooks ...	206 and 221				
" Sq. Sq. Bolts and Nuts ...	483				
Curbs, Hearth 406 to 410, 413 to 416, 418 and 419					
" Curlew " Combination Grates ...	417				
Curtain Fittings ...	202 to 205				
" Rails ...	203, and 204				
" Rings ...	205				
" Rod Brackets ...	202 to 205				
" Runners ...	205				
Cutters, Tank or Boiler ...	367				
Cutting Gauges ...	464				

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
" Empire " Hand Gates	496	Figures, Brass, Iron, etc.	267, 269 and 270	" Forward " Mortice Locks	8
" Paling	496	" Stainless Steel	52	" Night Latches	37
" Sweeps' Sets	346	Files and Rasps	482	" Openers	225
" Tubular Straining Pillars	494	Fillister Planes	450	" Panic Locks and Latches 100 and	101
Enamel Lettering	269	Finger Plates ... 43, 51, 52, 55 to 60, 67, 68	239, 246 and 263	" Portable Range	425
Enamels	487	" " Antique Iron	263	" Sash Holder	141
Enclosure Bolts	88 and 207	" " Brass, B.M.A., etc.,	43, 59, 67 and 68	" " Lock	141
Endless Chains	319	" " Stamped	56 to 58	" " Pulley	145
" Cords and Handles	221	" " Glass and China	60	Fountains, Ornamental	440
Engineers' Bolts, Screws, Washers, etc....	483	" " Iron	239 and 246	Frames, Card	212
" Hammers	479	" " Stainless Steel	51 and 52	French Window Bolts	121
Entrance Gates ... 157 to 164, 166, 184 to 186	495, 496 and 502	" " Wooden	43 and 55	" " Catches	213
Erinoid Knobs	199	Finials, Wrought Iron	169	" Windows	171
" Picture Nails	199	Fire Alarm Box Locks	16 and 17	Frets	390
Escutcheons, Antique	262	" " Locks and Equipment	17	Frictionless Cupboard Door Rollers	102
" Brass, B.M.A., etc. 90, 197 to 200	197 to 200, 245	" Bars and Bearers	313	" Drawer Runners	196
" Cabinet	60	" Firebrick Backs	391	Frost Cogs, Nails, Screws and Studs	366
" Glass	245 and 254	Fire Buckets	320	" Full-Air " Skylight Opener	220
" Gothic	254	" Cements	318	Fullway Sluice Valves	328
" Hand Hammered Ironwork	254	Fireclay Cheeks	391	Funnels, Anti-Splash	325
" Stainless	51	Fire Devil	320	Furnace Doors, Frames and Gratings	313
Espagnolette Bolts	121	" Escape, Ladder	338	" Oil Blast	327
Ewart's Geysers	385	" " Stairs	183	" Pans	312
" Excel " Fanlight Quadrant Arms	220	" Extinguishers	338	Furniture, Antique Door	256, 262 and 263
" Excel-In " Fanlight Openers	220	" Guards	444	" Blind	201 and 202
" Excel-Out " Fanlight Openers	220	Fireplaces, Dutch Tile	410 and 411	" Catholic Door	59
" Excelsior " Steel Bladed Screens	316	Fireplace Suites	406 to 411, 413	" China and Glass Door	60
Excluders, Draught... ..	234 and 235	Fireproof Doors, Steel	329	" Church	187 to 189
" Exitem " Panic Bolts	101	" Partitions	329	" Gate	246 to 255
" Exitus " " "	101	Fire Resisting Doors	306	" Iron Door	239 to 241
" Exmet " Brickwork Reinforcement	314	" " Safes	329	" Latch and Handles 42, 46 and 92, 242,	243, 246, 248 to 250
" Expamet " Steel Sheets	314	Fires, Gas	413	" 254, 255, 259 to 261	
Expanded Metal Lathings	314	" Electric	434	" for Latch Handles	46
Expanded Steel Sheets	314	Fitch pattern Sash Fastener	135	" Lock 13 to 15, 23, 24, 47 to 61	
Expanding Shields and Bolts	279	Fixing Points	368	" 71 241 and 262	
Expansive Bits	481	Flaps, Tidal	328	" " Brass 13 to 15, 23, 24, 47 to 50	
" Drills	465	Flare Lights, Acetylene	324	" 56 to 59, 61, 71 and 287	
Extending Brackets	208	Flashing Hooks	364	" " Glass and China	60
Extension Ladders	489 and 490	Flat Set Duster Brushes	486	" " Iron	241
Extinguishers, Brass	188	Floor Door Springs	104 to 109	" " Antique	262
" Fire	338	Flooring Cramps	471	" " Stainless	51
Eyelets, Rings and Washers	192	" Punches	465	" " Wood	15, 53 to 55
Eye Straining Bolts	366	Floor Polishing Machines	439	" Octagon	50 and 241
Eyes, Chain	492	Flue Brushes	346	" Public Convenience Door 117 and 118	
" Sash, Brass	137	" Cleaning Doors	313	" Stable Door	295
" " Iron	296	Flush Bolts, Brass ... 87, 90, 287 and 295		" Stamped, En. Suite	56 to 58
" Screw	206	" " Iron ... 91, 93, 257 and 295			
" Stair	193	" for Sliding Doors 87, 93, 287 and 295			
		" Handles 137, 287 and 296			
		" Lifts 137			
		" Mortice Locks and Furniture			
		" Pipes, Clips and Sockets			
		" Ring Handles ... 20, 287 and 295			
		" Rings, Brass 111 and 210			
		" " Iron 296			
		" Sliding Door Handles ... 137 and 296			
		Folding Door Gear 286 and 287			
		" Partition Fittings 286 and 287			
		Followers, Iron, Beech and Brass			
		Footpath Gutters 311			
		" Force Feed " Oil Cans 325			
		Force Cups, Plumbers' 347			
		" Pumps 351			
		Forequarter Hooks 294			
		Forges, 321			
		" British Bench 321			
		" Rivet and Repair 321			
		Fork Holders 292			
		Forks, Garden, Various 441			
		" Forward " Baffle Hopper Casements			
		" Casements ... 176, 177 and 181			
		" Coin Locks 117, and 118			
		" Clothes Aier 194			
		" Door Rollers 102			
		" " Shoe Spring 109			
		" Drain Cleaning Sets 346			
		" Floor Door Springs ... 104 and 105			
		" Front Door Latches 37			
		" Hat and Coat Hooks ... 153 to 155			
		" Hopper Checks 179 and 180			
		" Forward " Indicating Bolts 102			
		" " Latch 103			
		" Lock Furniture 47 to 49			

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.
Gate Latches, Antique	260 and 261
" " Hammered	254
" " Wrought Iron	255
" Locks	16
" Props	251
" Springs	117
" Stops and Catches	112, 251 and 253
Gates, Cast Iron	184 to 186
" Collapsible	160, 162 to 164
" Wooden	495, 496 and 502
" Wrought Iron	157 to 164 and 166
Gauges, Marking, Cutting and Mortice ...	464
Gearing, Lever Action	222, 224 and 230
" Opening	217 to 223
" Tension Rod	226
" Ventilating	222 to 233
Geysers	385
Giles' Pattern Fastener	131
Gilded Wooden Letters	271
Gimlets	456
Gin Blocks	333
Girder Wrench	480
Glass	487
" Furniture	60
" Holders	389
" Movements	206
" Paper	317
" Plates	206
" Shelves and Brackets	52 and 208
" Towel Rails	387
" Ventilators	300
Glaziers' Knives	485
Glazing Bars, Roof	272 and 273
" Glow-Worm " Stoves	429
Glue	327
" Pots	327
" Glyder " Casement Stays	130
" Glydo " Curtain Rail	203
Gold and Silver Keys	44 and Opp. 44
" Size	487
Gongs, Bell, various	156
" for Clocks, Collieries, etc.	156
" House-Bell	75
Goods Lifts	337
Gothic Bolts	91 and 93
" Handles and Latches,	242, 248 to 250, 254, 255 and 259
" Nails	264
" Screws	264
" Suffolk Latches	242
Gouges, various	455, 457 and 458
Grates	393 to 402, 406 to 411, 413 to 421
" Boiler	400 to 402, 408, 414 and 420
" Bottom	390 to 392
" Combination	414 to 419
" and Frames, Gulley	311
" Georgian	413
" " Nautilus "	413
" Oven	418
" " Ure " Back-to-Back	420
Gratings, Air	290, 298, 300 and 301
" Range	391 and 392
" Ventilating	290, 298, 300 and 301
Gravel Screens	314 and 316
Greenhouse Glazing Bars	272
" Heating Apparatus	427 and 428
" Stays	216
" Ventilating Gear	222 to 224
Grilles, Wrought Iron	160, 162 and 164
Grill Room Sign	167
Grindstones	484
Grindstone Spindle	484
Grover Spring Washers	483
Guard Rails, Door and Window	116 and 119
Guards, Desk and Counter... ..	120
" Spout	442
Gulley Grates, Frames and Weirs	311
" Pots, Cast Iron	311
Gunmetal Unions and Joints	349 and 372
Gutter Bolts	364
" Brackets	364
" Channel for Gateways	311
" Screws	483
Gutters, Box	357 and 362
" Boundary Wall	357
" and Connections	356 and 357

	Page.
Gutters, Half-Round and O.G.	356 and 357
" Moulded	357
" Pavement and Channel	311
" Rainwater... ..	356 to 358
" Stable	290
" Zinc and Galvanised Sheet Iron	358
H	
Hacking Knives	368 and 485
Hair Felt	317
Half-Round Gutters	356 to 358
Hall Door Bolts	86
" Lantern, Electric	436
Hammer Heads, Plumbers'	368
Hammers, Boilermakers'	479
" Brick	478
" Canterbury	447
" Claw	479
" Club	469
" Coal	478
" Engineers'	479
" Farriers'	447
" Gardeners'	447
" Joiners'	446 and 447
" Lath	469
" Machinists'	447
" Motor	447
" Patternmakers'	447
" Platelayers' Keying	479
" Plumbers'	368
" Rivetters'	447
" Scaffolding	469
" Scaling	478
" Shoe	447
" Slaters'	478
" Sledge	479
" Stone	478
" Tack	447
" Upholsterers'	447
" various,	368, 446, 447, 469, 478 and 479
Hand Bells	156
" Cart, Window Cleaners'	490
" Hammered Furniture	46, 51 and 52
" " Ironwork	254
" Lamps, Acetylene	324
Handles, Cabinet	197 to 200, 205, 245 and 260
" Class Room Door	8
" Cord	201 and 221
" Door	76 to 85
" Drawer	197 to 200, 205
" "	211 to 213, 245 and 254
" Ebony Grip	81 and 83
" Endless Cord	221
" Fanlight Cord	201
" Flush Ring	20, 287 and 295
" and Furniture, Stable Door	295
" Gothic	242, 248 to 250, 254, 255 and 259
" Lever	59, 62 to 66 and 263
" Lock	8, 33, 34, 92, 261 and 287
" Postal	71, 72, 240 and 256
" " with Bell	71
" Refrigerator	191
" Ring	45, 248 to 250, 254, 255 and 295
" Sash	83 to 85, 137 and 138
" Screen	83 and 84
" Sliding Door	137, 287 and 296
" Thumb, Antique	259 to 261
" " Brass	46 and 92
" " Hammered Ironwork	254
" " Iron	42, 92, 242 and 243
" Tray	205
" Trunk	199, 200 and 245
" Wardrobe	197 to 200 and 260
" Weighted	221
Hand Rail Brackets	119 and 155
" " Screws	119
Hand Rails and Fittings	119
" Handy " Tool	479
Hangers, Barn Door	285
" Door	276, 283 and 285
" Hat and Coat	155
" Partition	287
" Swivelled Ball Bearing	287

	Page.
Hanging Signs	167 and 168
Hardening Cements... ..	318
Hatchets	479
Hat and Coat Hangers	155
" " Hooks, Antique	257
" " " Brass	149 and 150
" " " Iron	150, 151, 153 to 155
" " " " Forward "	153 to 155
" " " Stainless	52
Hatfield's Door Rollers and Fittings	283 to 285
Hawgood's Hinges	95
Haw's Watering Can	441
Hay Racks	290 and 293
Heads, Rain Water	359 to 362
Heat Controllers, Oven	412
Heaters, Automatic Oil Burning	433
" Electric Pedestal	434
Heating Apparatus	427, 428, 432 and 433
" Central	432 and 433
" Stoves	429
Helical Door Springs	110
Hexagon Coupling Box	333
Hex. Round Hex. Bolts and Nuts... ..	483
" H " Hinges	97
Hindquarter Hooks	294
Hinge Fronts	247, 254, 255 and 264
" Snatch Blocks	333
Hinges, Antique Hammered	46 and 265
" " Bommer " Spring	110
" Brass, various	97
" Butt, Brass	98 and 99
" " Iron	42 and 95
" Butterfly, Medieval, etc.	199
" Casement	148
" Counter	97 and 251
" Gate	251 to 253, 255 and 265
" Hawgood's	95
" Hook and Band	252
" Lock Joint Butt	95 and 199
" Parliament	97 and 251
" Pew Door	97
" Refrigerator	191
" Reversible, Casement	148
" " Gate	252
" Rising Butt	95 and 99
" Screen	97
" Spring	110
" Steel Butt	96 and 287
" Strap, Tee, etc.	251, 252 and 255
" Tee, Cross Garnet, etc.	252 and 253
" Top and Bottom	251
" Trap Door	252
" Trestle	239
" Wrought Iron	255
" Hippo " Roofing Felt	317
" Hit and Miss " Ventilators	298, 300 and 301
Hob Registers	402
" Shams, Elliptic	390
Hoes, Garden	443
Holders, Brace and Bit	467
" Cycle	155
" Door	111, 112 and 196
" Fork, Broom and Shovel	292
" Garage Door	196
" Knot	201
" Sash	139 and 141
" Stair Carpet	193
" Umbrella	152
Hoisting Crabs	331
Hoists	330 and 332
Holdfast or Stay Nails	364
Holdfasts, Woodworkers'	471
Hook Bolt Locks	20, 41 and 295
" Bolts and Nuts	366
Hookham's Picture Cord	144
Hooks and Bands	252
Hooks, Brass	221
" Bridle	292
" Cabin	111 and 296
" Cleat	134
" Cup, Ruler, Square	206 and 221
" and Eyes, Brass Side	193
" " Chain	492
" Flashing	364
" Hat and Coat,	52, 149 to 151, 153 to 155 and 257

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
Hooks, Long Arm, Brass ...	134	" Kalo " Gas Fires ...	413	Latches, Panic ...	101
" " " Japanned ...	296	Kaye's Oil Cans ...	325	" Rim ...	27 to 30, 43
" Meat ...	294	Kerbs, various 406 to 411, 413 to 416, 418 and 419	419	" Shop Door ...	35
" Moulding ...	52 and 206	Kettles, Electric ...	435	" Stable ...	250 and 296
" Pipe ...	362 and 364	" Galvanised Paint ...	487	" Suffolk and Thumb ...	242 and 243
" and Plates, Sash Weight ...	147	Keys, Hotel " Securities " ...	9	" Thumb ...	8, 42, 46, 92, 242, 243, 254, 255, 259, and 261
" Plumbers' Melting Pot ...	368	" Presentation ...	44 and Opp. 44	" Upright Mortice ...	19
" Pole ...	218, and 294	" Trefoil, Bow ...	9	" Weighted ...	32
" Rope ...	119	Kicking Plates ...	116 and 239	Lathing, Expanded Metal ...	314
" " S " ...	193	Kimberley's Floor Cramps ...	471	Lath Hammers ...	469
" Sash ...	137	Knives, Chipping ...	485	Laths, Boxwood ...	474
" Shave ...	368 and 485	" Drawing ...	459	Lattice, Galvanised Wire ...	444
" Sill Bar ...	234	" Edging ...	443	" Steps ...	488
" Valance and Curtain ...	203	" Hacking ...	485	" Work ...	120
" various ...	205 and 206	" Lead ...	368	Laundry Stoves ...	429
" Wall ...	364	" Painters' ...	485	Lavatories ...	386
" Wardrobe ...	52, 149, 150 and 257	" Striking ...	465	Lavatory and Bath Fittings ...	373 to 376
Hopper Casements ...	174 and 181	Knobs, Antique, Door ...	262	" Brackets ...	377
" Cheeks ...	179 and 180	" Cabinet ...	197 and 199	" Cocks ...	375
Hopper, Coal ...	306	" Centre Door ...	45, 51, 71, and 241	" Frames, etc. ...	377 and 389
Horse and Mare Pots ...	290	" Drawer ...	56, 57, 60, 197, 244 and 245	" Plugs ...	374
Hotel Canopies ...	158	" " Glass ...	60	" Seats ...	381
" Keys, Rings and Tablets ...	9	" Erinoid ...	199	" Stands ...	389
" Mortice Locks ...	9 to 15	" Sash ...	199	Lead Beaters ...	369
" Signs ...	167, 168 and 271	" Shutter ...	56, 57, 60, 197, 244 and 245	" Genuine Red ...	487
Hot Water Apparatus ...	430 to 433	" " Glass ...	60	" Knives ...	368
" Towel Rails ...	376	Knockers, Door ...	51, 61, 213, 240, 254 and 256	" Traps ...	377
House Bellows ...	321	" Postal ...	51, 71 to 73, 240 and 256	" White ...	487
" Numbers ...	52, 267 to 270	Knot Holders ...	201	Leaded Lights ...	Facing page 176
" Sun Blinds ...	202	Knuckle Joint Hinges ...	255	" Leader " Floor Door Spring ...	107
Hurricane Lamps ...	324 and 325	" Kuxwel " Combination Grate ...	419	Leamington Bars ...	390
" Hydresse " Boilers ...	426			" Leggott's " Fanlight Openers ...	221
				" " Skylight Openers ...	217
				" Leo " Floor Door Spring ...	107
				Letheren's Mortice Locks ...	16
				Letter Boxes ...	91
				" Plates ...	51, 70, 71, 240 and 256
				" " Antique ...	256
				" " Brass ...	70 and 71
				" " Iron ...	240
				" " Stainless ...	51
				" " Wall ...	313
				" " with Bell ...	71
				Letters and Figures ...	269 to 271
				Levels, Plumb ...	472
				" Spirit ...	472
				Lever Action Barrel Bolts ...	87
				" " Flush ...	87, 91 and 257
				" " Gearing ...	222 to 224 and 230
				" Handles ...	59, 62 to 66 and 263
				" " Antique ...	263
				" " Brass, B.M.A., etc. ...	59, 62 to 66
				" " Iron ...	66
				Lifting Rings, Flush, Brass ...	111
				" " Iron ...	296
				Lift and Force Pumps ...	350, 351, 354 and 355
				Lifts, Dinner and Goods ...	337
				" Electric ...	337
				" Sash ...	133, 137 and 138
				Lightning Conductors, Tape, etc. ...	190
				Light Fittings, Electric ...	436 to 438
				Lights, Leaded ...	Facing page 176
				" Pavement ...	305
				Lime, Buxton ...	487
				" Limpet " Lamps ...	437
				" Washers ...	366
				" Lincoln Imp " Door Knockers ...	213
				Line Pins ...	478
				" Post Sockets ...	313
				" Post, Tubular ...	313
				Line, Sash ...	144 and 147
				Link Chain Fencing ...	497 to 501
				Linseed Oil ...	487
				Liquid Glue ...	327
				Liquor Vaults Latch ...	46
				Lock Escutcheons ...	51, 60, 90, 254 and 262
				" Furniture, ...	13 to 15, 23, 24, 47 to 61, 71, 241 and 262
				Lock Furniture, Brass, B.M.A., etc., ...	13 to 15, 23, 24, 47 to 50, 59, 61 and 71
				Lock Furniture, China and Glass ...	60
				" " Iron ...	241
				" " Antique ...	262
				" " Stainless Steel ...	51
				" " Stamped Brass ...	56 to 58

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
Panic Bolts	100 and 101	Plates, Finger,		Pulleys, Axle	145 to 147
" Latches	101	43, 51, 52, 55 to 60, 67 , 68 , 239 and 263		" Clothes Line	134
" Locks	100	" Brass, Looking glass	206	" Fanlight and Skylight	215 and 216
Pans, Furnace	312	" and Hooks for Sash Weights	147	" Rack	201
" Steel Brazing	321	" Kicking	116 and 239	" Sash	145 to 147
" Umbrella	152	" Letter	51, 70 , 71 , 240 and 256	" Screw	134
" Pansy " Stoves	429	" Letter, with Bell	71	" Side	134
Paperhangers' Scissors	485	" Lock	69	" Swivel	221
Paperhanging Brushes	486	" Name	266 to 269	" Upright	134
Paraffin Lamps and Burners	326	" Number	267 to 270	Pullman Sash Balances	139
" Oil	487	" Pull and Push	138, 268 and 269	Pull and Push Plates	138, 268 and 269
Parallel Vices	471	" Scribing and Steel Drip	367	Pulls, Bell	59 and 257
Parliament Hinges	97 and 251	" Step	237	" Cistern	380
Partition Fittings	286 and 287	" Switch	56 and 57	" Door	84, 85 and 246
Partitions, Fireproof Steel	329	" Wall	313	" Drawer, and Handles,	197 to 200, 205, 211 to 213 and 245
" Sliding and Folding	286 and 287	Platform Steps	488	Pumice Stone	487
" Parwinac " B.B. Curtain Rail	204	Pliers	481	Pump Fittings	353
" Boilers, Portable	430	Ploughs, Turf	443	Pumps, Deep Well	352
" Bottom Grates	390	Plugging Chisels, Wall	367 and 469	" Diaphragm	Opp. 354 and 355
" Concrete Mixers	315	Plugs, Wall	279 and 348	" Lift and Force	350, 351 , 354 and 355
" Cornice Pole Rings	203 and 205	Plug and Wastes	374	" Patent Suction and Vacuum, Cooper's	347
" Corrugated Refuse Destructor	339	Plumbers' Blow Lamp	327	" Power	354 and 355
" Drain Cleaning Sets	346	" Force Cups	347	" Semi-Rotary Wing	353 and 354
" Grates	418	" Melting Ladles	313	" Various	350 to 355
" " Obligu " Door Holder	196	" Moleskin	367	Punches,	478
" Oil Burning Heater	433	" Solder	317	" Brad	465
" Woodworking Machine	468	" Tools, various	367 to 369	" Flooring	465
Pavement Gutters and Channels	290 and 311	" Wiping Cloths	367	" Steel	270
" Lights	305	Plumb Bobs	368 and 466	" Purimachos " Fire Cement	318
" Rollers, Concrete	317	" Levels	472	Push Door Bells	75
Pedestal Handles	197 to 200	" Pluvex " Roofing Felt	317	Pushes, Bell	56 to 59 and 74
Pendants, Cord	201	Points, Fixing	368	Push and Pull Plates	138, 268 and 269
" Inverted and Slide	344 and 345	Pole Hooks, Brass	134 and 218	Putty	487
" Rise and Fall, Electric	437	" Iron	294	" Knives	485
Penny-in-Slot Locks	117 and 118	Poles, Ash	218	" Pyrene " Fire Extinguishers	338
" Perfecto " Wood Lock Furniture	15	Polishing Machines, Floor	439		
Petrol Pump Locks	16	" Popular " Cottage Range	423		
" Peveril " Interiors	395	Portable Boilers	430 and 431		
Pew Door Hinges	97	" Ranges	425 and 426		
" Number Plates	269	Postal Handles	71, 72 , 240 and 256		
" Phomene " Fire Extinguishers	338	" Antique	256		
Photographs, Gallery of	1 to 7	" Brass, B.M.A., etc. 71, 72 and 240			
Piano Hinges	97	" Iron	240		
Picture Chains	195	" with Bell	71		
" Cords	144	" Knockers 51, 71 to 73 , 240 and 256			
" Moulding Hooks	52 and 206	" Antique	256		
" Nails and Suspenders	193, 199 and 206	" Brass, B.M.A., etc.	71, 73 and 240		
Pig Troughs	293	" Iron	240		
Pillar Box Locks	16	" Stainless	51		
Pillars, Iron Fencing	494 and 501	Posts, Chestnut Fencing	496		
" Steel	322 and 323	" Lamp	302 and 304		
" Pilot " Range	424	" Line	313		
Pincers	481	" Motor Sign	304		
Pins, Carpet, Socket and Drugget	206	" Newel	165 and 167		
Pipe Benders	367	" Sawn Oak Fence	495		
" Bobbins	368	" Socket Line	313		
" Brackets	348	Pots, Cast Iron Gulley	311		
" Caulking Tools	369	" Copper Soil	367		
" Clamp, Squirrel's Tail	367	" Drinking, for Cattle	293		
" Clips	362, 364 and 367	" Glue	327		
" Flush	194 and 379	" Horse and Mare	290		
" Hooks and Sockets, R.W.	362 and 364	Powder Magazine Lock	22		
" Nails	364	Powder, Size	487		
" Wrenches	480	Power Pumps	354 and 355		
Pipes and Accessories, Smoke	428	Presentation Keys	9, 44 and Opp. 44		
" Connections for Heating Apparatus	428	" Mallets and Trowels	44 and Opp. 44		
" Connections, Sanitary	356	Press Buttons and Fasteners	192		
Pipes, Flush	379	" Locks	39		
" Mouth Blow	367	Pressel Pushes	74		
" Patent Steam Outlet, Bell's	312	Pressure Cocks	373 to 375		
" Rain Water	356 and 358	Preston's Fanlight and Skylight Openers	226		
" Soil, and Connections	356	" Priory " Drinking Pots	293		
" Ventilating	356	Processional Crosses	188		
" Zinc and Galvanised Iron	358	" Torches	188		
" Pivota " Sash Pivot	142	Projecting Butt Hinges	98 and 99		
Pivots, Sash	142 and 143	Props, Gate	251		
Plane Irons	452	Protectors, Window	444		
Planes, Beechwood, Jack	450	Pruning Saw	448		
" Iron	451	Public Convenience Door Furniture	117 and 118		
Plaster	487	" Signs	167		
Plasterers' Tools	477	Pudlo Cement	318		
Plate Locks	22	Pulley Blocks	333 to 336		
" Rings	193	" Brackets	202		
Plates, Cast Steel Dowel	465	" Sheaves	285		
" Coal	305	Pulleys, Angle, Cord, etc.	221		
" Connecting	214				

Q

Quadrant Arms	220
" Extending Brackets	208
" Stays	215, 216 , 220 and 226
" Queen " Stove	429
" Quick " Hoists	330
Quiggin's Cornice Pole Ends	206

R

Rabbit Planes	451
Rack Pulleys	201
Racks, Hay	290 and 293
" Soap and Sponge	388
Radiator Air Cocks	372
Radiators	432
Radiator Valves	372
Radisseurs, Galvanised Iron	502
Rafter Brackets	364
Railings, Cast Iron	184 to 186
" Staircase	165 and 167
" Wrought Iron	166
Railroad Gongs	156
Rails, Sliding Door	285
" Curtain	203 and 204
" Desk or Counter	120
" Offal and Meat	294
" Towel	387 and 388
" Hot Water	376
Rain Water Goods, Asbestos Cement	363
" Cast Iron	356 and 357
" Galvanized Sheet Iron	358
" Heads, Ornamental	359 to 362
" Pipes and Connections, C.I.	356
" Fittings, Zinc and	358
" Galvanised	358
Rakes, Garden	441
Ramp Rails	291
Range Boilers	390
" Cheeks and Gratings	391 and 392

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
Ranges	421 to 426	Roof Ventilators	297	Saws, Compass or Lock	448
„ Gas	412	Roofing Felts, various	317	„ Pruning	448
„ Portable	425 and 426	„ Nails	366	„ various and Fittings	448 and 449
Rasps and Files	482	„ „ and Screws	364 and 366	Scaffold Chains	320
Rayner's Cupboard Catches	210	„ Punches	478	„ Lashes	320
Reading Lamps, Acetylene	324	„ Slates, Asbestos	318	Scaling Hammers	478
Ready-Tarred Roofing Felt	317	Rope Hook and Fastening	119	Schedule of Door and Window Fittings	42 and 43
Rebates	10	„ Manilla	333	School Bells	156
Receptacles, Wire	153 to 155	„ Rose " Stoves	429	„ Hat and Coat Hooks,	149 to 151, 153 and 154
Red Lead	487	Rotary Wing Pumps	353 and 354	„ Sash Lock	141
Reels, Garden	441	Router, Bright Double Ended	465	Scissors, Paperhangers'	485
Reflectors, Shop Lamp	194	Routers, Grooving or Depthing	467	„ Scols " Tube Bender	349
Refrigerator Handles and Hinges	191	„ Roy " Fanlight Opener	219	Scraper Blades	465
Refuse Destructors	339	Rubber Buffers	111 and 112	„ Mats	445
Registers, Hob	402	„ Door Stops	111 and 112	Screen Handles	83 to 85, 138 and 246
„ Mantel	397 to 400	„ Draught Strips	234	„ Hinges	97
„ Tile	399 to 402	„ Tyred Wheels	342	Screens, Builders' Gravel	314 and 316
„ Regulo " Oven Heat Controller	412	„ Ruberoid " Roofing Felt	317	Screening Panels	316
Repairing Materials, Roof	272	„ Rufoid " Roof Repairing Material	272	„ Riddles	442
Repoussé Copper Bronze Name Plates	267 and 268	Ruler Hooks	206	„ Sieves	442
„ Lock Plates	69	Rules	473 and 474	Screw Blocks, Worm Geared	336
„ Work	267 and 268	„ Architects'	473 and 474	„ Castors	340
Restaurant Hooks	149	„ Blindman's	474	„ Drivers	476
Reversible Hinges, Casement	148	„ Boxwood	474	„ Eyes	206
„ Gate	252	„ Ivory	473	„ Knobs, Glass	60
Revolving Shutters	288 and 289	„ Joint	469	„ Pulleys	134
Riddles, Screening	442	„ Steel	473	„ Screw-Rack " Fanlight Openers	221
Ridging, Asbestos	318	Runners, Curtain	205	„ „ Skylight Openers	217
„ Galvanised	365	„ Door	279, 283 to 285	Screw Rising Hinges	99
Riding Brackets	292	„ Frictionless Drawer	196	Screws, Bench	471
Rim Dead Locks	38 and 42	Runways, „ Coburn " Overhead	280 to 282	„ Frost	366
„ Latches	27 to 30 and 43	Rustless Fireplace Suites	413	„ Gothic and Antique	264
„ Locks	13, 23 to 32 , 35 to 38, 42 and 43			„ Gutter	483
„ „ Brass, B.M.A., etc., 23, 24, 32, 35 & 36				„ Hand Rail	119
„ „ Cast Iron Cases,				„ Roofing	364 and 366
„ „ 26 to 28, 30, 32, 38, 42 and 43				„ Sash	143
„ „ Galvanised	30 and 38			„ Set	483
„ „ Japanned Cases,				„ Straining	330
„ „ 13, 25, 26, 30 to 32, 38 and 43				„ Bath and Lavatory Trap	378
„ „ Shop Door Cylinder	36			Scribing Plates	367
„ „ Steel Cases	26, 29, 30, 31 and 38			Scullery Cooker, The " Ure "	420
„ „ Weighted Bolt	32			Scythe Blades and Sneads	442
„ Night Latches	37 and 38			Seats, Bath	381 and 387
Rimers	461			„ Closet	381
Ring Handles	45 , 248 to 250, 254, 255 and 295			„ Secret " Pulleys	145 and 146
„ „ Antique	260			„ Securities " Hotel Keys	9
„ Sash Lifts	137			„ Mortice Locks	9
Rings, Cornice Pole	203 and 205			„ Securit " Sash Pivot	142
„ Curtain	205			Self Acting Gate Catch	253
„ Flush	111, 210 and 296			„ Stop	251
„ Twisted Eye	205			Self-Locking Lever Fanlight Opener	230
Ripper, Slaters'	477			Semi-Rotary Wing Pumps	353 and 354
Rising Hinges	95 and 99			„ Sensitive " Door Spring Gear	108
„ Rito " Roof Repairing Material	272			Service Lifts	337
Rivet Punches	478			Setting-in Sticks	369
Rivet and Repair Forge	321			Set Screws	483
Rivets, Copper and Iron	483			Sewer Ventilating Shafts	304
Road Barrier Carrier	320			Shadbolt Stays	245
„ Direction Posts	304			Shades, Silk, Lamp	438
„ Gulley Grate	311			„ „ for Gas Lights	345
„ Wedges	478			Shafts, Sewer Ventilating	304
„ Widening Schemes	498			Shams, Elliptic Hob...	390
Rod Brackets	202 and 205			Shave Hooks	368 and 485
„ Door Springs	110			Shaving Brush Clips	388
„ Gearing	226			Shear Legs, Tubular and Wooden	321
Rods, Stair	193			Shears, Garden	443
„ Rok " Roofing Felt	317			Sheathing Felt	317
Roller Bearing Castors	340 and 341			Sheaves, Pulley	285
„ „ Door Hangers	283			Sheep Dressing Bracket	294
„ „ Runners	284			„ Twin Hook	294
„ „ Pulleys	145			„ Sheet Rock " Finisher	272
„ Bolts, Locks and Latches,				„ Wall Board	272
„ „ 8, 12, 14, 17 and 32				Sheets, Expanded Steel	314
„ Ends, Blind	201			„ Galvanised Corrugated	365
„ Hooks	294			„ Tin	317
„ Stays	217			Shelf Brackets,	208, 209, 214 , 387 and 388
Rollers, Blind	202			„ „ Stainless	52
„ Bottom Door	285			„ „ Standard and Tapped Bar	208 and 209
„ Concrete Pavement	317			Shelf Clips	207
„ Door	102 , 279 and 285			Sheringham Ventilators	299
„ Sash	133 and 143			Shoe Spring for Swing Doors	109
Roof Glazing Bars	272 and 273			Shoes, Door Post	442
„ Lights	171			„ S " Hooks	193
„ „ Opening Gear...	223 and 224			Shop Blinds and Rollers	202
„ Repairing Materials	272				

S

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
Shop Door Bells	156	Solignum	487	Steel Barrows	310
" " Latches and Locks	35 and 36	Soot Doors and Frames	306 and 313	" Beams and Pillars	322 and 323
Shop Fittings	207 to 212 and 214	Sough Grates and Frames	311	" Bending Bolts	367
" Lighting Lamps	303	" Southwark " Ventilators	299	" Bladed Screens	316
" Window Fittings	207 to 209	Spades, Garden	441	" Butt Hinges	96
" Shoreham " Opening Gear	229	Spanners	480	" Casements	171 to 174, 176 to 178 and 181
Showcase Bolts	88 and 207	Spare Wall Gear for Sliding Doors	274 to 278	" Chain Ladder	338
Shovel Holders	292	Speaking Tube Plates	74	" Columns	323
Showcase Catches	207 and 210	" Speedy " Door Check and Spring	115	" Dogs, Forged	466
Shutter Chains	144 and 146	" Sphere " Corrugated Skylights	365	" Punch and Wrought Iron Brands	270
" Knobs	56, 57, 60, 197, 244 and 245	Spiral Stairs, Cast Iron	183	" Rules	473
" " Glass	60	Spirit Levels	472	" Sashes	182
Shutters, Revolving	288 and 289	Spokeshaves, Iron	450	" Sash Lines	147
" Wood Lath	288 and 289	" " Wooden	463	" Sheets, Expanded	314
Side Hooks and Eyes	193	Sponge Racks	388	" Shutters, Revolving	288
" Pulleys	134	Spout Bolts and Nuts	364	" Standard Bar	209
Sieves, Screening	442	" Brackets and Drives	364	" Track, Cupboard	102
Signs, Electric	167 and 168	" Guard, Wire	442	Step Plates	236 and 237
" Hotel	167, 168 and 271	Spring Bolts, Square	92	" Turners or Benders	369
" Repousse	268	" Hinges, " Bommer " and Helical	110	Steps, Folding, Lattice and Platform	488 to 490
" Road and Posts	304	" Lever Handles	65	" Manhole	309
" Wooden	271	" Pipe Benders	367	" Sterling " Sash Balance	140
" Wrought Iron	167, 168 and 268	" Sockets for Bolts	90	Steven's Barrel Mortice Locks	16
" Silent " Door Check and Spring	115	" Washers	483	" Roof Ventilators	297
Silicate Cotton	317	Springs, Coil	117	Sticks, Boxwood Bending	369
Sill Bars and Hooks	234	" Door 104 to 110, 113 to 115 and 117	104 to 109	" " Setting-in	369
Silk Shades for Lamps	438	" Floor Door	104 to 109	Stile Bolts	88 and 94
" " Gas Lights	345	" Rod, Door	110	Stillson's Patent Pipe Wrench	480
Silver and Gold Keys	44 and Opp. 44	" Shoe	109	" St. James " Fanlight Opener	231
" Simplex " Range	425	" Spur " Floor Door Spring	104	Stirrup Brackets	292
Sink Brackets	377	Square Hooks	206	Stock Locks	22
Sinks	384	Sq. Rd. Sq. Bolts and Nuts	483	Stokehole Barrows	310
Size Powder	487	Squares	463	Stonebreakers	317
Skew Butt Hinges	95	Squirrel's Tail Pipe Clamp	367	Stone Hammers	478
Skylight Openers	217, 220, 225 and 226	" St. James " Fanlight Opener	231	Stonemasons' Chisels	469
" Pulleys	215 and 216	Stable Bolts	296	" Pitching Tools	469
" Stays	216 and 245	" Door Handles and Furniture	295	" Points	469
Skylights, Cast Iron	365	" " Latches	250 and 296	Stone, Pumice	487
" Corrugated	365	" Fittings	290 to 292	" Sockets for Bolts	92
" Wrought Steel	171	" Gutters	290	" Stoniflex " Mastic	317
Slag Wool	317	" Stafford " Ranges	422	" Roofing Felt	317
" S " Latches	250 and 296	Stained Glass Windows	Facing page 176	Stool Bottom Grates	390
Slate Movements	143	Stainless Figures	52	Stop Catches	112
Slaters' Axe	469	" Furniture, " Staybrite "	51 and 52	" Cock Boxes, various	301
" Hammer	478	Stains, Varnish	487	Stoppers, Drain	347
" Ripper	477	Stair Carpet Holders	193	Stops	251
Slates, Roofing	318	" Case Railings	165 and 167	" Bench	471
" Slatex " Roof Repairing Material	272	" Eyes	193	" Door	111 and 112
Slaughterhouse Equipment	294	" Nosings	236 and 237	Stove Pipes, Caps and Elbows	429
Sledge Hammers	479	" Panels	165 and 167	Stoves, Heating, Laundry, etc.	429
Slides, Inkwell	195	" Rods and Eyes	193	Strainers, Galvanised Wire	502
Sliding Bevels	463	" Standards	165 and 167	Straining Eye Bolts	366
" Door Fittings	274 to 279, 283 to 287	" Treads	236 and 237	" Pillars, Corner and Tubular	494
" " Handles	137, 287 and 296	Stairs, Fire Escape	183	" Screws	330
" " Locking Bars	239	" Spiral	183	Strap Hinges	251, 252 and 255
" " Locks	20, 41, 287 and 295	Stall Boards	268	Strapping, Box	317
" Doors, Fire Resisting	306	" Division	290	Street Gas Lamps	303
" Sockets, Shop Window	207	Stalls, Cow	293	" Name Plates	269
Sling or Lashing Chains	319 and 330	Stamped Furniture	56 to 58	Striking Knives	465
Slip Chains	330	Standard Bars and Brackets	209	Stripping Knives, Painters'	485
Slipper Baskets	153 and 155	" Bar Clips	209	Strips, Book-Shelf	201
Sloping Desk Locks	41	" Gutter Brackets	364	Stubbs and Plates	143
Sluice Valves, Fullway	328	Standard Metal Windows	175	Studs, Bookcase	201
Smith's Floor Door Spring	105	" and Tapped Bar Shelf Brackets	208 and 209	" Frost	366
Smithy Apparatus	321 and 478	Standards, " Empire " Fence	494	Subsidy House Fittings, Schedule	42 and 43
Smoke Pipes and Accessories	428	" Lamp	163, 165 and 167	Suffolk Latches	242 and 243
Snatch Blocks	333 and 334	Stand, Lavatory	389	Suites, Fireplace	406 to 411 and 413
Sneads, Scythe	442	" Umbrella	152	" Rustless Steel Fireplace	413
Snow Guards, Galvanised	444	Staple Bolts	86	" W.C.	383
Soap and Sponge Racks	388	Staples	366	Sunblinds	202
Socket Bolts	86, 88, 89 and 94	" for Bolts	92	Sun-Dials	440
" Castors	340	" Starex " Roofing Felt	317	Surface Latches	242
Sockets and Clips	379	" Staybrite " Stainless Furniture	51 and 52	Surrounds, Tile	406 to 410, 414 to 416 and 421
Sockets, Line Post	313	Stays, Birmingham Corporation Pattern	130	Suspenders, Picture	193
" Rain Water Pipe	362	" Casement	43, 122 to 133, 258 and 259	Sussex Trug Baskets	443
" Sash and Sliding	207	" Greenhouse	216	Sweeps' Cloth and Stretcher	346
" Spring, for Bolts	90	" Joint	143 and 216	" Outfits	346
" Standard Bar	209	" Quadrant	215, 216, 220 and 226	" Sets, " Utility "	346
" for Bolts fixed in Stone	92	" Roller	217	Swing Casements	174 and 177
" Tapped Bar	209	" Shadbolt	245	" Lights and Hopper Casements	174 and 177
Soft Soap	487	" Skylight	215, 216 and 245	" Water Barrows	310
Soil Pipe Hooks, Plumbers'	368	" Transom	43 and 130	Switch Plates	56 and 57
" Pipes and Connections	356	Steam Outlet Pipes	312	Swivel Pulleys	221
" Pots, Copper	367	Steam and Water Fittings	348, 349, 372 to 378	Swivelled Hangers	287
Solder, Timmen's and Plumbers'	317				
Solid Rebate	10				

ALPHABETICAL INDEX—continued

NOTE.—Page Numbers in bolder type indicate principal pages.

	Page.		Page.		Page.
" Windsor " Fanlight Opener	228	Wood Letters	271	Wrought Steel Casements	171 to 178, 180 to 182
Wine Frets	456	" Lock Furniture	15, 53 to 55	" Sashes	182
" Winfix " Draught Excluder	234	" Mantels	403 to 405	" Skylights	171
Wire Cords	144	" Wedges	478	" Welded Butts	95
Wired Rubber-Tyred Wheels	342	Woodworkers' Bench Stops and Screws	471		
Wire Fencing	491 to 495, 497 to 501	" Bits	461 and 465		
" Lattice, Galvanised	444	" Holdfasts	471		
" Letter Boxes	91	" Vices	471		
Wireless Sets	435	Woodworking Machines	468		
Wire Rope Clips, Bull Dog	333	Wool, Slag	317	" Yale " Door Springs	114
" Spout Guards	442	Woven Wick	326	" Night Latches	37
" Strainers	502	" Wren " Combination Grates	416	Yorkshire Ranges	424
Wirework	153, 154 and 444	Wrenches	480		
" Diamond Pattern	153	Wrought Arch Bars	312		
" Woco " Door Locks and Furniture	14	" Iron Brands	270		
Wood Chisels	453 to 456 and 458	" Finials	169		
Wooden Bell Pushes	74	" Metalwork	157 to 169, 171 to 182		
" Pressel Pushes	74		254 and 255		
Wood Finger Plates	43 and 55	" Railing	166	" Zenith " Fanlight Openers	218
" Lath Shutters	288 and 289	" Signs	167 and 168	" Zimbo " Curtain Rail	204
" Letter Boxes	91	" Weather Vanes	169	Zinc Gutters	358
				" Pipes and Connections	358
				" Weather Vanes	170

NUMERICAL INDEX

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
	0 276, 279		119 ... 276	PGS 442 ... 397	PHS 724 ... 57	PGS 1001 ... 421	PHS 1196 ... 18	PHS 1336 ... 25					
	1 276, 279	PGS 120 ... 412	PHS 450 ... 86	PHS 725 ... 57	PGS 1002 ... 408	PHS 1197 ... 18	PHS 1341 ... 14						
PHS	1A ... 94	120 ... 276	PGS 469 ... 400	PGS 738 ... 423	PGS 1008 ... 416	PHO 1198 ... 18	PHS 1344 ... 12						
	2A ... 279	PGS 121 ... 412	PGS 473 ... 401	PGS 739 ... 423	PGQ 1009 ... 416	PHS 1208 ... 27	PHS 1345 ... 12						
	2 ... 279	PGS 122 ... 412	PGS 475 ... 401	PFS 742/13 ... 493	PGS 1010 ... 413	PHS 1209 ... 29	PHS 1346 ... 12						
BS	2 ... 314	122 ... 276	PGS 487/1 ... 394	PFS 744 ... 493	PGQ 1011 416, 417	PHS 1212 20, 287	PHS 1347 ... 12						
	2 276, 282	122 276	PGS 491/1 ... 394	PGS 745 ... 397	PGQ 1020 ... 424	PHS 1213 20, 287	PHS 1348 ... 16						
PHS	3 ... 94	PHS 125 ... 96	PGS 496 ... 396	PGS 746 ... 399	PGQ 1021 ... 424	PHS 1214 ... 287	PHS 1352 ... 12						
	3 ... 279	130 ... 276	PHS 500 ... 8, 34	PGS 747 ... 399	PGQ 1022 ... 424	PHS 1216 ... 30	PHS 1354 ... 12						
	4 276, 282	PGS 137 ... 390	PFQ 500 ... 500	PFS 748 ... 493	PGQ 1023 ... 424	PHS 1219 29, 43	PHS 1355 ... 12						
	279	137 ... 276	PHS 501 ... 8	PFS 748/11 ... 493	PFS 1030 ... 496	PHS 1223 ... 28	PHS 1356 ... 12						
	4X ... 282	137A ... 276	PFQ 501 ... 500	PGS 749 ... 399	PGS 1032 ... 430	PHS 1224 ... 30	PHS 1357 ... 12						
	5 287, 279	137B ... 276	PFQ 502 ... 501	PHS 750 ... 56	PGS 1033 ... 430	PHS 1225 ... 27	PHO 1358 ... 12						
BS	6 ... 314	137C ... 276	PGQ 510 ... 395	PHS 751 ... 56	PGS 1034 ... 430	PHO 1227 ... 24	PHS 1359 ... 32						
BS	8 ... 314	PGS 138 ... 390	PHS 512 ... 95	PHS 752 ... 56	PGO 1050 ... 426	PHS 1228 ... 24	PHS 1360 ... 32						
PHS	8 ... 94	140 ... 276	PHS 513 ... 95	PHS 753 ... 57	PGO 1051 ... 426	PHS 1229 ... 29	PHS 1362 ... 32						
BS	9 ... 314	PGQ 140 ... 390	PHS 514 ... 95	PHS 754 ... 57	PGQ 1059 ... 409	PHS 1230 ... 29	PHS 1363 ... 32						
PHS	9 ... 94	PGQ 145 ... 390	PHS 515 ... 95	PHS 755 ... 57	PFS 1061 ... 495	PGS 1230 ... 416	PHS 1367 ... 14						
	10 ... 281	PGQ 146 ... 390	PGO 519 ... 395	PFO 760 ... 492	PGS 1061 ... 408	PHS 1231 ... 416	PHS 1373 ... 21						
R	10 ... 282	PGQ 150 ... 403	PHO 520 ... 10	PFO 761 ... 492	PGS 1062 ... 408	PHS 1231 ... 26	PHO 1374 ... 11						
PHS	10 ... 94	PGQ 151 ... 403	PHO 521 ... 10	PFO 762 ... 492	PGS 1063 ... 408	PHQ 1231 ... 26	PHS 1375 ... 11						
BS	10 ... 314	PGQ 152 ... 403	PHO 522 ... 10	PFO 763 ... 492	PGS 1075 ... 409	PHO 1231 ... 26	PHS 1376 ... 11						
PHS	11 ... 92	PGQ 153 ... 403	PHO 523 ... 10	PFO 764 ... 492	PFQ 1077 ... 495	PHO 1232 ... 30	PHO 1377 ... 9						
R	12 ... 282	PGQ 154 ... 403	PHO 524 ... 10	PFO 765 ... 492	PFS 1084 ... 496	PGQ 1232 ... 417	PHS 1378 28, 43						
PHS	12 ... 92	PGQ 155 ... 403	PHO 525 ... 10	PFO 766 ... 492	PFS 1086 ... 496	PHS 1233 ... 30	PHS 1379 ... 21						
	12 ... 282	PGS 156 ... 405	PHO 530 ... 9	PFO 767 ... 492	PFS 1087 ... 496	PGQ 1233 ... 417	PHS 1380 ... 22						
R	14 ... 282	PGS 157 ... 405	PHO 531 ... 9	PFO 768 ... 492	PFS 1091 ... 495	PHO 1234 ... 31	PHS 1381 ... 14						
	14 281, 282	PGS 158 ... 405	PHO 532 ... 9	PFO 769 ... 492	PGO 1093 ... 391	PGS 1234 ... 414	PHS 1382 ... 22						
F	14 ... 279	PGO 159 ... 404	PHO 533 ... 9	PFO 770 ... 492	PGO 1094 ... 391	PHS 1235 ... 31	PHS 1383 ... 22						
	14G ... 281	160A,B,C,CS 276	PHO 534 ... 9	PGQ 774 ... 395	PFS 1094 ... 496	PGO 1237 ... 413	PHS 1384 ... 13						
PHS	15 ... 94	PGO 160 ... 404	PHO 535 ... 9	PGO 776 ... 395	PGS 1095 ... 391	PHS 1240 ... 38	PHS 1385 ... 13						
PFS	15 ... 494	181A,B&C 276	PHO 550 ... 9	PGO 777 ... 395	PGO 1096 ... 391	PHS 1241 ... 38	PHS 1386 ... 22						
R	16 ... 282	PGS 181 ... 402	PHO 551 ... 9	PGS 779 ... 406	PFS 1096 ... 495	PHO 1242 ... 38	PHS 1387 ... 13						
	16 281, 282	PGS 183 ... 402	PHO 552 ... 9	PGS 782 ... 406	PGO 1097 ... 391	PHS 1243 ... 38	PHS 1388 ... 22						
PFS	16 ... 494	PGS 184 ... 402	PHO 553 ... 9	PGQ 815 ... 425	PGO 1098 ... 391	PHS 1244 ... 38	PHO 1394 ... 22						
PHQ	17 ... 244	PGS 185 ... 402	PHO 554 ... 9	PGS 824 ... 429	PHO 1098 ... 16	PHS 1245 ... 38	PHO 1396 ... 22						
PFQ	17 ... 494	186 ... 279	PHO 555 ... 9	PGS 833 ... 415	PGS 1099 ... 391	PHS 1246 ... 38	PHO 1397 ... 22						
R	18 ... 282	187 ... 279	PHO 556 ... 9	PGQ 841 ... 426	PHO 1099 ... 16	PHS 1247 ... 38	PHO 1398 ... 9						
	18 281, 282	PGS 187 ... 401	PHO 557 ... 9	PGS 859 ... 411	PGS 1100 ... 391	PHS 1248 ... 38	PHS 1400 ... 40						
BS	19 ... 314	PGS 188 ... 401	PHO 558 ... 9	PGQ 864 ... 418	PHO 1100 ... 16	PHS 1249 ... 38	PHS 1402 ... 40						
BS	21 ... 314	189 ... 279	PHS 564 ... 95	PGS 865 ... 429	PHO 1101 ... 16	BS 1249 ... 42	PHS 1404 ... 40						
BS	27 ... 314	195 ... 278	PHS 566 ... 95	PGS 866 ... 429	PHO 1102 ... 16	PHS 1250 ... 38	PHS 1407 ... 39						
PFO	28 ... 492	195A,B&C 278	PHS 572 ... 95	PGS 869 ... 429	PHO 1103 ... 16	PHS 1251 ... 38	PHS 1408 ... 39						
PFO	29 ... 492	196 ... 278	PGS 574 ... 391	PGS 870 ... 429	PGS 1103 ... 392	PHS 1252 ... 37	PHS 1409 ... 39						
PGS	30 418, 423	196A,B,&C 278	PGS 575/1 ... 394	PGS 871 ... 429	PGS 1104 ... 392	PHS 1253 ... 37	PHS 1410 ... 39						
PFO	30 ... 492	PFO 200 ... 502	PGS 576/1 ... 394	PGS 880 ... 429	PGS 1105 ... 392	PHS 1255 ... 37	PHS 1411 ... 39						
PFO	31 ... 492	BS 200 42, 43	PGQ 588 ... 395	PGS 880A ... 429	PGS 1106 ... 392	PHS 1256 ... 37	PHQ 1412 ... 39						
PFO	32 ... 492	PHS 200 ... 95	600 ... 287	PGQ 885 ... 431	PGS 1107 ... 392	PHS 1257 ... 37	PHS 1413 ... 39						
PFO	33 ... 492	PFO 201 ... 502	PHO 600 ... 96	PGS 890 ... 390	PGS 1108 ... 392	PHS 1273 ... 37	PHS 1414 ... 39						
PGQ	33 ... 431	PFO 202 ... 502	PHS 601 ... 56	PGS 891 ... 390	PGS 1109 ... 392	PHS 1276 ... 37	PHQ 1415 ... 39						
PGQ	33A ... 431	PFO 203 ... 502	PHS 602 ... 56	PGS 891P ... 390	PGS 1110 ... 392	PHS 1277 ... 37	PHS 1421 ... 41						
PFO	34 ... 492	PFO 204 ... 502	PHS 603 ... 57	PGQ 891L ... 390	PGS 1111 ... 391	PHS 1279 ... 37	PHS 1422 ... 41						
PGQ	34 ... 431	PFO 205 ... 502	PHS 604 ... 57	PGS 891R ... 390	PGS 1112 ... 391	PHS 1290 ... 38	PHS 1423 ... 41						
PGQ	35 ... 431	PFO 206 ... 502	PHS 605 ... 57	PGO 902 ... 430	PGS 1113 ... 392	PHS 1291 ... 38	PHS 1424 ... 41						
PHS	35 ... 43	PFO 207 ... 502	PHS 606 ... 56	PHS 903 ... 94	PHS 1152 ... 18	PHS 1292 ... 38	PHQ 1427 ... 41						
PFO	35 ... 492	PGS 207 ... 429	PHS 630 ... 56	PGQ 903 ... 431	PHS 1154 ... 20	PHS 1293 ... 38	PHS 1428 ... 40						
PGQ	36 ... 431	PGS 208 ... 429	PHS 631 ... 56	PGS 924 ... 430	PHO 1156 ... 20	PHS 1295 ... 29	PHS 1429 ... 40						
PGQ	37 ... 431	PGS 209 ... 429	PHS 632 ... 56	PGS 928 ... 430	PHO 1157 ... 20	PHS 1297 ... 31	PHS 1430 ... 40						
PGQ	38 ... 431	PGS 210 ... 429	PHS 633 ... 57	PGO 930 ... 420	PHO 1158 ... 20	PHS 1299 ... 37	PHS 1431 ... 40						
PGQ	39 ... 431	BS 250 ... 314	PHS 634 ... 57	PGO 933 ... 430	PHS 1160 ... 32	PHS 1301 ... 27	PHQ 1432 ... 40						
PGQ	40 ... 431	PHS 250 96, 287	PHS 635 ... 57	PGQ 934 ... 431	PHS 1161 ... 18	PHS 1303 ... 29	PHO 1434 ... 16						
PGQ	41 ... 431	BS 252 ... 314	PFS 640 ... 493	PGQ 935 ... 420	PHS 1162 ... 18	PHS 1305 ... 29	PHS 1435 ... 40						
PGQ	42 ... 431	PFO 302 ... 502	PFS 640/13 ... 493	PGS 937 ... 429	PHS 1163 ... 18	PHO 1306 ... 31	PHS 1436 ... 40						
PGQ	43 ... 431	PFO 304 ... 502	PHS 660 ... 56	PGO 941 ... 407	PHS 1164 ... 18	PHS 1307 ... 31	PHS 1437 ... 40						
PGQ	44 ... 431	PFO 305 ... 502	PHS 661 ... 56	PGO 943 ... 407	PHS 1171 ... 24	PHO 1309 ... 26	PHS 1438 ... 40						
	44 ... 282	PFO 306 ... 502	PHS 662 ... 56	PGO 950 ... 409	PHS 1172 ... 24	PHS 1310 ... 26	PHS 1439 ... 136						
PHS	67 ... 92	PFO 307 ... 502	PHS 663 ... 57	PGQ 953 ... 407	PHO 1173 ... 20	PHS 1311 ... 26	PHS 1440 ... 136						
PHS	73 ... 92	PFO 308 ... 502	PHS 664 ... 57	PGS 955 ... 407	PHS 1174 ... 20	PHS 1312 ... 31	PHS 1441 ... 136						
BS	73 ... 96	PHS 333 ... 95	PHS 665 ... 57	PGQ 956 ... 409	PHS 1175 ... 19	PHS 1312L 31, 42	PHS 1443 ... 136						
PHS	75 ... 94	PGO 333 ... 393	PGQ 689 ... 406	PGS 970 ... 425	PHS 1176 ... 19	PHO 1312L 31	PHS 1444 ... 136						
BS	76 ... 314	PGO 334 ... 393	PHS 690 ... 56	PGQ 971 ... 410	PHS 1177 ... 19	PHS 1313 ... 29	PHS 1446 ... 136						
PHS	77 ... 94	PGQ 335 ... 393	PHS 691 ... 56	PGS 972 ... 411	PHS 1178 ... 19	PHS 1315 ... 30	PHS 1448 ... 136						
PHS	81 ... 94	PGQ 336 ... 393	PHS 693 ... 57	PGS 973 ... 411	PHS 1179 ... 19	PHS 1316 ... 26	PHS 1454 ... 136						
PFS	85 ... 496	PGO 337 ... 393	PHS 694 ... 57	PGQ 974 ... 410	PHS 1180 ... 19	PHS 1318 ... 30	PHS 1456 ... 136						
	95 ... 276	PGQ 338 ... 394	PGS 697 ... 397	PGS 975 ... 409	PHS 1181 ... 19	PHS 1321/1 27	PHS 1457 ... 136						
	99 ... 276	PGO 339 ... 396	PGS 698 ... 406	PGS 978 ... 411	PHS 1182 ... 19	PHS 1322 13, 25	PHS 1458 ... 136						
PGS	103 ... 397	PGO 340 ... 396	PGS 699 ... 399	PGQ 979 ... 410	PHS 1183 ... 19	PHS 1323 ... 27	PHS 1460 ... 135						
PGO	104 ... 399	PGS 341 ... 396	PGQ 709 ... 418	PGQ 986 ... 426	PHS 1184 ... 19	PHS 1324 ... 25	PHS 1464 ... 135						
PGQ	105 ... 400	PGQ 342 ... 394	PGS 709A ... 418	PGQ 987 ... 426	PHS 1186 ... 19	PHS 1325 ... 27	PHS 1465 ... 135						
PGO	106 ... 400	PHS 350 ... 95	PGS 710 ... 423	PGQ 988 ... 426	PHS 1187 ... 19	PHS 1326 ... 25	PHS 1466 ... 135						
PGO	107 ... 400	400 ... 276	PGS 717 ... 422	PGQ 990 ... 419	PHS 1188 ... 19	PHS 1328 ... 25	BS 1467 ... 43						
PGS	108 ... 398	PHQ 400 ... 8	PGS 719 ... 422	PGQ 991 ... 419	PHS 1189 ... 18	PHS 1330 ... 32	PHS 1467 ... 135						
PGQ	109 ... 398	PHS 401 ... 8	PGQ 719A ... 422	PGS 996 ... 415	PHS 1190 ... 18	PHS 1331 ... 32	PHS 1468 ... 135						
PGQ	110 ... 398	PHS 402 ... 16	PHS 720 ... 56	PGS 997 ... 415	PHS 1192 ... 18	PHS 1332 ... 26	PHS 1471 ... 136						
PGQ	111 ... 398	PHS 403 ... 16	PHS 721 ... 56	PGS 998 ... 414	PHS 1193 ...								

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHS 1480	135	PHS 1681	215	PHS 1884	102	PHS 2137	146	PHO 2383	67	PHS 2595	89	PHS 2770	244
PHQ 1481	135	PHS 1682	215	PHS 1894	134	PHS 2138	146	PHS 2402	68	PHS 2597	89	PHS 2784	111
PHS 1485	135	PHS 1683	215	PHS 1896	102	PHS 2146	146	PHS 2405	68	PHS 2600	137	PHS 2785	111
PHQ 1486	133	PHO 1687	222	PHS 1897	90	PHS 2147	146	PHQ 2428	68	PHS 2601	137	PHQ 2800	104
PHS 1488	135	PHS 1688	221	PHS 1899	134	PHS 2148	146	PHQ 2429	68	PGQ 2602	137	PHQ 2801	104
PSS 1500	380	PHS 1688L	221	PHS 1900	216	PHS 2149	145	PHS 2433	55	PHQ 2605	137	PHQ 2802	104
PSS 1501	380, 386	PHS 1689	215	PHS 1901	216	PHS 2156	146	PHS 2440	68	PHQ 2608	137	PHQ 2803	104
PSQ 1502	380	PHS 1692	215	PHS 1902	216	PHS 2157	146	PHQ 2441	68	PHQ 2609	137	PHQ 2804	104
PSS 1503	380	PHS 1693	215	PHS 1903	216	PHS 2158	146	PHQ 2442	68	PHS 2612	137	PHQ 2805	104
PSS 1504	380	PHS 1694	215	PHS 1904	216	PHS 2159	146	BS 2443	43	PHS 2613	137	PHQ 2806	104
PSS 1505	380	PHS 1699	215	PHS 1905	216	PHS 2160	146	PHS 2443	67	PHS 2615	137	PHQ 2807	104
PHS 1526	219	PHS 1700	33	PHS 1906	216	PHS 2161	146	PHS 2444	43, 55	PHS 2616	137	PHQ 2808	104
PHS 1527	219	PHS 1709	34	PHS 1907	216	PHS 2162	146	PHS 2446	58	PHS 2617	138	PHQ 2809	104
PHS 1528	219	PHS 1714	33	PHS 1908	216	PHS 2163	146	PHS 2447	58	PHQ 2618	138	PHQ 2810	104
PHO 1550	225	PHO 1715	230	PHS 1909	216	PHS 2164	145	PHS 2449	58	PHS 2619	138	PHQ 2812	105
PHO 1551	225	PHO 1716	230	PHS 1911	216	PHS 2169	145	PHS 2451	71	PHQ 2620	137	PHQ 2813	105
PHO 1552	225	PHS 1718	220	PHS 1912	216	PHO 2171	63	PHS 2461	72	PHS 2621	137	PHQ 2814	105
PHO 1553	225	PHS 1719	220	PHS 1913	134	PHS 2179	65	PHS 2462	72	PHS 2622	137	PHQ 2816	105
PHO 1559	230	PHS 1742	59	PHS 1914	134	PHQ 2186	63	PHS 2474	72	PHS 2623	137	PHQ 2817	105
PHO 1560	225	PHS 1744	59	1916	282	PHQ 2188	63	PHS 2476	240	PHS 2624	137	PHS 2819	110
PHO 1561	225	PHQ 1751	74	PHS 1917	143	PHO 2192	65	PHS 2479	240	PHO 2625	137	PHQ 2820	105
PHO 1562	225	PHS 1768	220	PHS 1918	143	PHQ 2193	64	PHQ 2484	240	PHO 2626	137	PHQ 2821	105
PHO 1563	225	PHS 1772	59	PHO 1920	234	PHQ 2194	65	PHS 2492	240	PHS 2627	133	PHQ 2822	105
PHO 1564	225	PHS 1773	59	PHO 1922	234	PHQ 2195	64	PHS 2494	240	PHS 2629	133	PHQ 2823	105
PHO 1565	225	PHS 1786	33	PHO 1923	234	PHQ 2197	63	PHS 2497	240	PHS 2631	143	PHQ 2824	105
PHO 1570	225	PHS 1787	33	PHQ 1926	133	PHS 2198	62	PHS 2498	240	PHS 2632	143	PHQ 2825	105
PHO 1571	225	PHS 1788	215	PHS 1928	127	PHS 2199	63	PHS 2499	240	PHS 2637	143	PHQ 2826	104
PHO 1572	225	PHS 1789	215	PHQ 1931	133	PHS 2215	59	PHS 2501	70	PHS 2638	143	PHQ 2827	105
PHO 1573	225	PHS 1790	99	PHS 1934	125	PHS 2216	63	PHS 2504	71	PHS 2639	133	PHQ 2828	105
PHO 1574	231	PHS 1791	99	PHS 1935	127	PHS 2225	58	PGS 2508	413	PHS 2643	144	PHQ 2829	105
PHO 1575	231	PHO 1792	99	PHS 1937	127	PHS 2227	58	PGS 2510	413	PHS 2644	70	PHQ 2830	105
PHO 1576	231	PHO 1794	98	PHS 1940	133	PHS 2228	58	PGS 2512	413	PHS 2648	144	PHQ 2831	105
PHO 1577	231	PHS 1795	98	PHS 1941	133	PHS 2232	59, 66	PGS 2514	413	PHS 2649	144	PHQ 2832	105
PHO 1578	231	PHS 1796	98	PHS 1942	128	PHS 2233	53	PHS 2516	73	PHS 2650	144	PHQ 2833	105
PHS 1580	221	PHS 1797	98	PHS 1946	128	PHS 2235	55	PGS 2517d	413	PHS 2651	147	PHQ 2834	105
PHS 1581	221	PHO 1798	98	PHS 1948	128	PHS 2237	42, 43, 55	PHS 2519	73	PHS 2652	144	PHS 2840	110
PHS 1582	221	PHS 1805	215	PHS 1949	128	PHS 2240	55	PHS 2520	73	PHS 2654	147	PHS 2841	110
PHS 1586	221	PHS 1806	137	PHQ 1963	133	PHS 2241	55	PHS 2521	73	PHS 2656	144	PHS 2842	110
PHS 1587	221	PHS 1807	217	PHS 1964	126	PHS 2245	54	PHQ 2524	213	PHS 2657	144	PHS 2843	110
PHS 1588	221	PHS 1813	143	PHS 1966	127	PHS 2246	54	PHS 2530	213	PHQ 2658	144	PHS 2844	8, 110
PHS 1589	221	PHS 1817	143	PHS 1967	125	PHS 2249	54	PHS 2539	240	PHS 2659	144	PHS 2845	8, 110
PHS 1591	221	PHS 1818	143	PHS 1969	126	PHS 2250	54	PHS 2542	240	PHS 2663	194	PHO 2846	110
PHS 1592	221	PHS 1819	137	PHS 1970	126	PHS 2251	54	PHS 2543	240	PHS 2665	150	PHS 2847	110
PHS 1593	220	PHS 1820	137	PHS 1971	128	PHS 2256	55	PHS 2544	240	PHS 2667	150	PHS 2848	110
PHS 1594	220	PHS 1821	137	PHS 1973	126	PHS 2257	53	PHS 2547	240	PHQ 2668	149	PHO 2849	110
PHS 1595	217	PHS 1822	134	PHS 1989	125	PHS 2262	60	PHS 2548	240	PHQ 2669	92	PHS 2850	110
PHS 1596	217	PHS 1823	134	PHS 1990	125	PHS 2263	60	PHS 2549	45, 241	PHO 2671	149	PHS 2851	110
PHS 1597	217	PHS 1824	134	PHO 1991	116	PHS 2268	60	PHS 2552	45	PHQ 2672	150	PHS 2860	114
PHS 1600	217	PHS 1826	134	PHO 1992	116	PHS 2269	60	PHS 2555	88	PHQ 2673	150	PHS 2862	110
PHS 1601	217	PHS 1829	134	PHO 1993	116	PHQ 2272	133	PHS 2560	87	PHS 2676	149	PHS 2864	117
PHS 1602	217	PHS 1830	134	PHO 1994	116	PHS 2274	59	PHQ 2561	87	PHQ 2677	149	PHS 2865	117
PHS 1604	217	PHS 1831	134	PHO 1996	116	PHO 2279	59	PHS 2562	87	PHQ 2678	149	PHS 2867	111
PHS 1608	226	PHS 1832	134	PHS 2000	47	PHS 2280	60	PHS 2565	88	PHS 2684	149	PHS 2868	117
PHS 1609	226	PHS 1834	215	PHS 2001	47	PHS 2281	60	PHS 2566	90	PHS 2685	150	PHS 2869	110
PHO 1640	232	PHS 1835	215	PHS 2002	47	PHO 2283	59	PHQ 2567	88	PHS 2686	150	PHS 2870	110
PHO 1641	232	PHS 1836	215	PHS 2003	47	PHO 2284	59	PHS 2572	89	PHQ 2692	150	PHS 2872	110
PHO 1642	233	PHS 1837	215	PHS 2005	47	PHO 2289	59	PHS 2572/1...	89	PHS 2694	149	PHS 2874	111
PHO 1643	229	BS 1838	96	PHS 2006	47	PHS 2294	138	PHS 2572/2...	89	PHS 2695	244	PHS 2875	111
PHO 1644	227	PHS 1838	215	PHS 2011	14, 36, 43, 48	PHS 2295	138	PHS 2572/3...	89	PHS 2696	244	PHS 2892	211
PHO 1645	231	PHS 1839	215	PHS 2012	24	PHS 2297	60	PHS 2573	89	PHS 2698	111	PHS 2892L	211
PHO 1646	231	PHO 1840	98	PHS 2014	49	PHO 2300	81	PHS 2573/1...	89	PHS 2699	111	PHS 2894	211
PHO 1647	229	PHS 1841	98	PHS 2020	14, 36, 48	PHS 2301	138	PHS 2573/2...	89	PGS 2700	413	PHS 2895	213
PHO 1648	228	PHS 1842	98	PHS 2021	47, 48	PHO 2307	81	PHS 2574	89	PGS 2701	413	PHQ 2897	104
PHO 1649	228	PHS 1843	98	PHS 2023	48	PHS 2308	83	PHS 2574/2...	89	PHS 2703	46	PHS 2900	213
PHO 1650	228	PHS 1844	98	PHS 2029	23	PHS 2309	84	PHS 2574/3...	89	PHS 2705	46	PHS 2901	212
PHO 1651	228	PHS 1850	98	PHS 2049	23	PHS 2310	84	PHS 2575	89	PHS 2706	46	PHS 2901L	212
PHO 1652	228	PHQ 1851	98	PHS 2051	23	PHO 2311	81	PHS 2575/2...	89	PHS 2707	250	PGS 2910	413
PHO 1658	224	PHQ 1852	98	PHS 2071	48	PHO 2312	81	PHS 2575/3...	89	PGS 2708	413	PGS 2914	413
PHO 1659	224	PHO 1853	99	PHS 2078	119	PHO 2315	81	PHS 2575/4...	89	PHS 2709	46	PGS 2917d	413
PHO 1660	224	PHO 1854	99	PHS 2079	119	PHS 2317	77	PHS 2576	89	PGS 2710	413	PHS 2934	201
PHO 1661	224	PHO 1856	99	PHS 2080	119	PHS 2322	77	PHS 2576/1...	89	PGS 2712	413	PHS 2935	201
PHO 1663	222	PHO 1857	99	PHS 2086	119	PHS 2330	81	PHS 2576/2...	89	PGS 2714	413	PHS 2938	201
PHO 1664	222	PHS 1858	97	PHS 2101	50	PHS 2338	83	PHS 2576/3...	89	PHS 2714	244	PHS 2939	201
PHO 1665	222	PHS 1859	97	PHS 2103	50	PHS 2350	83	PHS 2577	89	PHS 2715	244	PHS 2940	201
PHO 1666	222	PHS 1860	97	PHS 2104	50	PHS 2351	85	PHS 2577/1...	89	PGS 2717d	413	PHS 2944	201
PHO 1667	222	PHO 1861	97	PHS 2106	50	PHS 2362	85	PHS 2578	89	PHQ 2721	46	PHS 2950	201
PHO 1669	222, 224	PHS 1863	97, 287	PHQ 2107	50	PHS 2363	77	PHS 2578/1...	89	PHS 2734	210	PHS 2951	201
PHO 1670	222, 224	PHO 1867	97	PHS 2108	50	PHQ 2364	74	PHS 2578/2...	89	PHS 2737	111	PHS 2954	201
PHO 1671	222	PHS 1867	97	PHS 2109	241	PHQ 2366	74	PHS 2578/3...	89	PHS 2740	210	PHS 2955	201
PHO 1672	222, 224	PHS 1869	97	PHS 2110	241	PHQ 2369	74	PHS 2581	144	PHO 2748	210	PHS 2956	201
PHO 1673	222, 224	PHS 1870	97	PHS 2111	241	PHS 2370	83	PHO 2582	121	PHS 2749	210	PHS 2957	201
PHO 1674	222, 224	PHO 1871	97	PHS 2112	241	PHQ 2372	74	PHS 2589	89	PHS 2751	210	PHS 2960	201
PHO 1675	222, 224	PHS 1872	97	PHQ 2123	50	PHQ 2374	67	PHS 2590	70	PHS 2754	244	PHS 2961	201
PHO 1676	222	PHS 1873	97	PHS 2133	146	PHQ 2375	68	PHS 2591	71	PHS 2766	244	PHS 2962	201
PHO 1677	222	PHS 1876	97	PHS 2134	146	PHO 2376	67	PHS 2592	89	PHS 2767	244	PHS 2964	201
PHO 1678	222, 224	PHS 1880	102	PHS 2135	146	PHO 2378	67	PHS 2593	89	PHS 2768	244	PHS 2972	201

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHS 4618	37	PHO 5080	166	PLS 5372	438	PHO 5486	69	PHQ 5726	86	PHS 5924	90	PHS 6118	95
PHS 4619	37	PHO 5081	166	PLS 5373	438	PHQ 5519	313	PHQ 5728	87	PHS 5925	90	PHS 6119	95
PHS 4620	37	PHO 5086	159	PLS 5374	438	PHO 5529	67	PHS 5731	88	PHS 5928	90	PHS 6120	95
PHS 4621	37	PHO 5087	159	PLS 5375	438	PHO 5539	67	PHS 5732	88	PHS 5930	90	PHO 6121	251
PHS 4622	37	PHO 5088	161	PLS 5376	438	PHQ 5542	67	PHS 5733	88	PHS 5931	90	PHS 6122	251
PHS 4675	208	PHO 5089	161	PLS 5377	437	PHS 5543	68	PHS 5734	88	PHS 5932	90	PHS 6123	252
PHS 4676	208	PHS 5140	96	PHS 5377	20	PHS 5544	67	PHS 5739	88	PHQ 5935	152	PHO 6126	251
PHS 4677	208	PHO 5157	237	PHS 5378	20	PHQ 5548	67	PHS 5740	112	PHQ 5936	152	PHS 6127	251
PHS 4678	208	PHO 5158	237	PLS 5378	437	PHQ 5549	68	PHS 5741	112	PHS 5938	212	PHS 6132	252
PHS 4679	208	PHO 5159	236	PHO 5379	20	PHS 5567	62	PHQ 5744	119	PHS 5939	212	PHS 6133	252
PHQ 4680	207	PHO 5160	237	PLS 5379	437	PHO 5569	63	PHS 5746	85	PHQ 5941	40	PHS 6134	252
PHQ 4681	207	PHS 5167	313	PHS 5380	27	PHS 5570	62	PHS 5747	85	PHO 5945	119	PHQ 6139	239
PHQ 4682	207	PHS 5201	307	PLS 5380	437	PHS 5571	63	PHS 5748	85	PHO 5946	119	PHS 6140	252
PHQ 4683	207	PHS 5204	307	PHS 5381	8	PHS 5576	63	PHQ 5754	100	PHO 5947	119	PHS 6141	252
PHQ 4684	208	PHS 5210	365	PHS 5382	24	PHS 5578	65	PHQ 5755	100	PHO 5948	119	PHS 6143	252
PHQ 4685	208	PHO 5210/1	311	PLS 5382	436	PHS 5585	75	PHS 5756	218	PHO 5949	119	PHS 6144	252
PHQ 4686	208	PHO 5210/2	311	PHO 5383	24	PHS 5586	75	PHS 5757	218	PHS 5950	119	PHS 6145	252
PHQ 4687	208	PHO 5226	307	PLS 5383	436	PHS 5587	75	PHQ 5764	147	PHO 5952	121	PHO 6146	252
PHQ 4688	208	PHO 5227	305	PLS 5384	436	PHS 5587A	75	PHS 5768	85	PHS 5954	13, 48	PHO 6147	251
PHQ 4689	208	PHO 5228	305	PHS 5385	24	PHS 5592	72	PHS 5769	85	PHS 5957	48	PHO 6148	251
PHQ 4690	208	PHO 5229	305	PLS 5385	436	PHS 5593	72	PHS 5770	245	PHO 5959	270	PHS 6151	93
PHQ 4691	208	PHO 5231	311	PHS 5386	24	PHS 5597	73	PHQ 5771	93	PHQ 5966	120	PHS 6152	93
PHQ 4692	208	PHQ 5232	308	PLS 5386	436	PHS 5600	70	PHS 5772	134	PHO 5967	270	PHS 6153	93
PHQ 4693	208	PHQ 5233	308	PHS 5387	203	PHS 5601	70	PHS 5775	81	PHO 5968	270	PHQ 6156	92
PHQ 4694	208	PHQ 5234	308	PHS 5388	203	PHS 5604	70	PHO 5779	121	PHO 5969	270	PHS 6158	148
PHQ 4695	208	PHS 5235	301	PHS 5389	203	PHS 5605	71	PHO 5780	121	PHO 5971	270	PHS 6159	251
PHQ 4696	208	PHS 5236	301	PHS 5390	21	PHS 5608	70	PHO 5784	121	PHO 5976	270	PHS 6160	251
PHQ 4697	208	PHQ 5236A	301	PLS 5390	438	PHO 5609	74	PHS 5785	122	PHO 5977	270	PHS 6161	251
PHQ 4698	208	PHS 5237	301	PHS 5391	21	PHQ 5610	74	PHS 5786	125	PHO 5978	270	PHS 6162	251
PHQ 4699	208	PHS 5242	299	PLS 5391	438	PHS 5613	61	PHS 5787	127	PHO 5979	270	PHQ 6170	264
PHS 4700	33	PHS 5245	298	PHS 5392	21	PHS 5615	61	PHS 5791	128	PHO 5980	121	PHQ 6171	264
PHS 4701	33	PHO 5246	311	PHS 5393	21	PHS 5618	213	PHS 5792	128	PHS 5981	248	PHQ 6172	264
PHS 4702	33	PHO 5247	311	PHS 5394	21	PHS 5619	61	PHS 5794	125	PHS 5982	248	PHQ 6173	264
PHQ 4703	261	PHQ 5248	313	PHS 5395	21	PHS 5624	45	PHS 5798	122	PHS 5983	245	PHS 6178	253
PHS 4704	33	PHS 5249	313	PHS 5396	339	PHS 5626	45, 241	PHS 5799	125	PHS 5984	245	PHS 6179	253
PHS 4705	33	PHS 5294	308	PLS 5397	434	PHS 5628	58	PHS 5802	128	PHS 5985	245	PHS 6180	248
PHQ 4710	208	PHS 5295	308	PLS 5398	434	PHS 5629	58	PHS 5803	122	PHS 5986	245	PHS 6181	248
PHQ 4711	209	PHS 5296	308	PHO 5398	22	PHS 5632	58	PHS 5805	122	PHS 5988	245	PHS 6182	248
PHQ 4712	209	PHS 5296/D	308	PHS 5399	17	PHQ 5634	74	PHS 5806	127	PHO 5989	121	PHS 6183	248
PHQ 4713	209	PHS 5297	309	PLS 5399	434	PHQ 5635	74	PHS 5807	128	BS 5997	43	PHS 6185	248
PHQ 4714	209	PHS 5297/H	309	BS 5399	42	PHQ 5636	74	PHQ 5817	126	PHS 5997	130	PHS 6186	248
PHQ 4715	209	PHQ 5297/L	309	PHS 5400	37	PHO 5639	59	PHQ 5818	126	BS 5998	43	PHS 6187	248
PHQ 4716	209	PHQ 5298	308	PLS 5400	434	PHQ 5642	74	PHQ 5819	126	PHS 5998	130	PHS 6189	248
PHQ 4717	209	PHS 5299	309	PHS 5401	37	PHS 5645	77	PHQ 5820	126	BS 6001	43	PHS 6190	248
PHQ 4718	209	PHS 5302	309	PLS 5401	434	PHQ 5648	74	PHQ 5824	129	PHS 6001	130	PHS 6191	248
PHQ 4719	209	PHS 5303	309	PHS 5402	37	PHS 5649	80	PHQ 5829	125	PHQ 6004	152	PHS 6192	248
PHQ 4720	209	PHS 5304	309	PLS 5402	434	PHO 5650	78	PHS 5831	133	PHQ 6005	152	PHS 6193	248
PHQ 4721	209	PHS 5305	309	PLS 5403	435	PHS 5656	82	PHS 5832	135	PHQ 6006	152	PHS 6194	250
PHQ 4722	209	PHS 5306	313	PHS 5404	34	PHS 5657	83	PHS 5833	135	PHO 6012	269	PHS 6195	248
PHQ 4723	209	PHS 5307	313	PLS 5404	435	PHS 5658	81	PHS 5834	135	PHO 6013	269	PHS 6196	250
PHQ 4724	209	PHO 5308	312	PHS 5405	34	PHS 5659	80	PHS 5838	137	PHO 6014	269	PHS 6197	250
PHQ 4725	209	PHS 5312	311	PLS 5405	435	PHS 5662	81	PHS 5844	137	PHQ 6017	152	PHS 6198	253
PHQ 4726	209	PHS 5313	311	PLS 5406	435	PHO 5666	82	PHQ 5846	137	PHQ 6018	152	PHS 6200	250
PHS 4753	358	PHS 5314	311	PLS 5407	435	PHQ 5667	82	PHS 5848	137	PHQ 6020	152	PHS 6201	250
PHS 4754	358	PHO 5320	312	PHS 5408	34	PHQ 5671	82	PHS 5849	137	PHQ 6023	152	PHS 6202	242
PHO 4801	303	PHO 5321	307	PLS 5408	439	PHS 5672	83	PHS 5850	145	PHQ 6032	40	PHS 6203	242
PHO 4802	303	PLS 5322	438	PHO 5409	34	PHS 5675	77	PHS 5851	138	PHS 6042	41	PHS 6204	242
PHO 4803	303	PHS 5323	312	PLS 5409	439	PHQ 5678	79	PHS 5852	138	PHS 6043	41	PHS 6206	243
PHO 4804	303	PHS 5326	313	PHS 5410	8, 34	PHO 5682	82	PHS 5853	138	PHS 6044	39	PHS 6208	243
PHO 4805	303	PHO 5327	311	PLS 5410	439	PHS 5683	82	PHS 5854	150	PHS 6049	39	PHS 6209	243
PHO 4806	303	PHQ 5328	313	PLS 5411	439	PHS 5685	79	PHS 5858	149	PHS 6050	41	PHS 6210	239
PHO 4807	303	PHS 5329	313	PHS 5415	34	PHS 5686	79	PHS 5859	149	PHS 6051	41	PHS 6211	239
PHO 4808	303	PHS 5332	251	PHO 5417	34	PHS 5689	138	PHS 5866	138	PHS 6054	41	PHS 6213	239
PHO 4809	303	PHS 5333	313	PHS 5418	8	PHS 5691	80	PHQ 5867	93	PHS 6056	41	PHO 6215	252
PHO 4810	303	PHO 5334	269	PHO 5420	44	PHO 5692	76	PHQ 5868	46	PHS 6057	41	PHS 6216	251
PHO 4811	303	PHS 5343	339	PHO 5423	44	PHO 5693	78	PHQ 5868A	46	PHS 6058	39	PHS 6218	296
PHO 4860	303	PHS 5344	307	PHO 5424	44	PHO 5694	78	PHS 5869	102	PHS 6059	39	PHS 6219	296
PHS 4982/8	350	PHS 5345	307	PHO 5425	44	PHS 5699	84	PHS 5870	102	PHS 6060	41	PHS 6221	296
PHO 4989	305	PHS 5347	442	PHS 5429	13, 48	PHO 5700	76	PHQ 5871	137	PHS 6061	41	PHS 6222	296
PHO 4990	305	PHS 5348	339	PHS 5430	203	PHS 5701	84	PHS 5872	137	PHS 6062	41	PHS 6223	296
PHO 4991	305	PHS 5350	203	PHS 5433	48	PHS 5702	83	PHS 5874	111	PHQ 6063	41	PHS 6225	296
PHO 4992	305	PHS 5351	203	PHS 5435	13, 61	PHS 5703	84	PHS 5878	111	PHS 6065	39	PHS 6227	243
PHO 4993	302	PHS 5352	203	PHS 5436	13, 61	PHO 5704	78	PHS 5879	112	PHS 6066	39	PHS 6228	42, 242
PHO 4994	302	PHS 5353	203	PHS 5437	61	PHS 5706	83	PHS 5880	112	PHS 6067	39	PHS 6232	242
PHO 4995	302	PHS 5354	203	PHS 5443	13	PHS 5707	85	PHS 5881	112	PHQ 6068	39	PHS 6236	242
PHO 4996	302	PHS 5355	203	PHS 5444	48	PHS 5708	85	PHS 5882	112	PHQ 6069	39	PHS 6237	242
PHO 4997	302	PHS 5356	339	PHS 5450	49	PHS 5710	83	PHS 5883	112	PHS 6085	238	PHS 6239	242
PHO 5009	184	PHS 5357	339	PHS 5455	23	PHS 5711	85	PHS 5884	211	PHQ 6100	238	PHS 6240	242
PHO 5010	184	PHQ 5358	339	PHS 5463	13	PHS 5713	85	PHS 5885	211	PHQ 6101	238	PHQ 6246	242
PHO 5011	186	PHS 5359	339	PHS 5465	49	PHO 5715	76	PHS 5887	211	PHQ 6102	238	PHS 6247	242
PHO 5027	185	PHQ 5360	339	PHS 5467	23, 49	PHO 5716	76	PHS 5890	211	PHQ 6103	238	PHQ 6248	242
PHO 5028	185	PHS 5363	203	PHS 5471	49	PHO 5717	99	PHS 5892	213	PHS 6109	238	PHO 6251	296
PHO 5072	166	PHS 5364	203	PHS 5472	23	PHQ 5721	78	PHS 5893	112	PHS 6112	95	PHS 6255	154
PHO 5073	166	PHS 5368	204	PHS 5478	13	PHQ 5722	78	PHS 5894	112	PHS 6113	95	PHS 6255A	154
PHO 5077	166	PHS 5369	204	PHS 5479	13	PHS 5723	80	PHS 5895	213	PHS 6114	96	PHS 6258	287

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHS 6274	131	PHS 6518	246	PHS 6662	142	PSS 6770	377	PHQ 6850	262	PSS 6903	388	PHS 7031	88
PHS 6284	123	PHS 6519	248	PHO 6671	44	PHQ 6771	342	PHQ 6851	262	PHS 6904	48	PHS 7032	42, 88
PHS 6285	123	PHQ 6520	257	PHO 6672	44	PSO 6771	377	PSS 6851	382	PSS 6904	388	PHS 7033	42
PHS 6287	123	PHQ 6524	258	PHO 6673	44	PHQ 6772	342	PHQ 6852	262	PHS 6905	49	BS 7034	42
PHS 6288	131	PHO 6528	79	PHO 6674	44	PHQ 6773	342	PHQ 6853	262	PSS 6905	388	PHS 7034	252
PHS 6291	129	PHO 6529	82	PHS 6675	320	PSO 6773	377	PHQ 6854	262	PHS 6906	49	BS 7035	43
PHS 6292	131	PHQ 6530	80	PHS 6690	340	PHO 6774	120	PSS 6854	383	PSS 6906	388	PHS 7035	210
PHS 6293	123	PHQ 6531	80	PHS 6691	340	PSS 6774	377, 386	PHQ 6855	262	PHS 6907	23	PHS 7036	42
PHS 6303	131	PHO 6532	80	PHO 6692	340	PHO 6775	120	PSS 6855	383	PSS 6907	388	PHS 7037	43
PHS 6309	132	PHS 6533	79	PHS 6693	341	PHO 6776	120	PHQ 6856	262	PHS 6908	49	BS 7038	43
PHS 6313	127	PHS 6534	77	PHO 6694	340	PHO 6777	120	PHQ 6857	262	PSS 6908	379	PHS 7039	43
PHQ 6314	93	PHS 6535	79	PHO 6695	340	PHO 6778	120	PSS 6857	383	PHS 6909	23	PHQ 7040	94
PHS 6333	296	PHS 6536	84	PHO 6696	340	PHO 6779	120	PHQ 6858	263	PSS 6909	379	PHO 7042	269
PHQ 6334	242	PHS 6537	84	PHO 6697	340	PHS 6780	448	PHQ 6859	263	PHS 6910	49	PHO 7043	269
PHS 6348	218	PHS 6538	84	PHS 6698	340	PSS 6780	387	PHQ 6860	263	PSS 6910	379	PHO 7044	269
PHS 6349	242	PHS 6539	79	PHS 6699	340	PHS 6781	448	PHQ 6861	263	PHS 6911	49	PHO 7045	269
PHS 6351	240	PHO 6540	272, 273	PHO 6700	340	PSS 6781	384	PHQ 6862	263	PSS 6911	379	PHO 7046	269
PHS 6356	246	PHO 6541	272, 273	PHS 6701	340	PHS 6782	448	PSS 6862	383	PHS 6912	48	PHO 7047	269
PHS 6357	246	PHO 6542	272, 273	PHS 6702	341	PSS 6782	384	PHQ 6863	263	PSS 6912	379	PHS 7048	269
PHS 6358	246	PHO 6543	272, 273	PHS 6703	341	PHS 6783	448	PHQ 6864	263	PHS 6913	49	PHS 7050	313
PHS 6359	246	PHO 6544	272	PHS 6704	340	PSS 6783	384	PHQ 6865	263	PSS 6913	379	PHQ 7051	306
PHQ 6360	240	PHO 6545	Opp. 176	PHS 6705	340	PHS 6784	448	PHQ 6866	66	PHS 6914	241	PHQ 7052	306
PHS 6361	240	PHO 6546	176	PHO 6706	340	PHS 6785	448	PHQ 6867	263	PSS 6914	379	PHS 7055	333
PHS 6365	253	PHO 6547	176	PHS 6707	341	PHS 6786	448	PHQ 6868	263	PHS 6915	241	PHS 7086	333
PHS 6366	239	PHO 6548	176	PHS 6708	341	PHS 6787	448	PHQ 6869	263	PSS 6915	379	PHS 7087	333
PHS 6367	239	PHO 6549	176	PHS 6709	341	PHS 6788	448	PHQ 6870	263	PHS 6916	241	PHO 7088	335
PHS 6368	239	PHO 6550	176	PHS 6710	341	PHS 6789	448	PSO 6870	377	PSS 6916	379	PHS 7089	330
PHS 6369	239	PHO 6551	176	PHS 6711	340	PHS 6790	448	PHQ 6871	263	PHS 6917	241	PHO 7090	335
PHS 6370	134	PHO 6552	176	PHS 6713	252	PHS 6791	448	PSO 6871	377	PSS 6917	388	PHO 7092	332
PHS 6371	134	PHO 6553	176	PHS 6714	252	PHS 6792	448	PHQ 6872	264	PHS 6918	71	PHO 7093	332
PHS 6372	134	PHO 6554	176	PHO 6715	153, 154	PHS 6793	448	PSS 6872	377	PSS 6918	388	PHO 7094	332
PHS 6373	134	PHO 6555	176	PHO 6716	153, 154	PHS 6794	448	PHQ 6873	264	PHS 6919	241	PHO 7095	332
PHS 6376	134	PHO 6556	176	PSO 6717	385	PHS 6795	448	PSO 6873	377	PSS 6919	388	PHS 7096	334
PHS 6377	134	PHO 6557	176	PHS 6718	243	PHS 6796	449	PHQ 6874	264	PHS 6920	241	PHS 7097	334
PHS 6379	134	PHO 6558	176	PHS 6719	75	PHS 6797	449	PHQ 6875	264	PSS 6920	388	PHS 7098	334
PHS 6380	134	PHO 6559	176	PHS 6720	153, 154	PHS 6798	449	PSO 6874	377	PHS 6921	241	PHS 7099	334
PHS 6381	143	PHO 6560	176	PHS 6721	153, 154	PHS 6799	449	PHQ 6875	264	PSS 6921	388	PHS 7100	334
PHS 6382	143	PHO 6561	176	PHS 6722	154	PHS 6800	449	PSS 6875	377	PHS 6922	241	PHS 7101	334
PHS 6387	245	PHO 6562	272	PHS 6723	154	PHS 6801	449	PHQ 6876	264	PSS 6922	376	PHO 7102	336
PHS 6388	245	PHO 6563	272	PHO 6724	239	PHS 6802	449	PHQ 6877	264	PHQ 6923	442	PHS 7103	330
PHS 6389	245	PHS 6567	40	PHO 6725	239	PHS 6803	449	PHQ 6878	264	PSS 6923	376	PHS 7104	330
PHS 6391	245	PHS 6568	40	PHO 6726	239	PHS 6804	449	PHQ 6879	264	PSS 6924	388	PHS 7110	330
PHS 6392	245	PHS 6569	77	PHS 6727	155	PHS 6805	449	PHQ 6880	264	PSS 6925	376	PHS 7111	330
PHS 6396	244	PHS 6570	77	PHS 6728	253	PHQ 6807	214	PSS 6880	387	PSS 6926	376	PHS 7112	330
PHS 6397	244	PHQ 6571	245	PHS 6729	253	PHQ 6808	214	PHQ 6881	264	PHQ 6929	261	PHS 7113	330
PHS 6398	244	PHQ 6572	245	PHS 6730	253	PHQ 6809	214	PSS 6881	387	PHS 6930	64	PHS 7114	319
PHS 6399	245	PHQ 6573	245	PHS 6731	253	PHQ 6810	214	PHQ 6882	265	PSS 6930	377	PHS 7115	319
PHS 6401	143	PHQ 6574	245	PHS 6732	253	PHQ 6811	214	PSS 6882	387	PHQ 6931	64	PHS 7116	319
PHS 6402	340	PHQ 6575	245	PHS 6733	248	PHQ 6812	214	PHQ 6883	265	PHS 6932	64	PHS 7117	314
PHS 6404	244	PHQ 6576	245	PHS 6734	250	PSS 6812	382	PSS 6883	387	PHQ 6933	64	PHS 7118	442
PHS 6406	239	PHQ 6577	245	PHS 6735	250	PSS 6812A	382	PHQ 6884	265	PHS 6934	64	PHS 7119	316
PHS 6407	240	PHQ 6578	245	PHQ 6736	250	PHQ 6813	214	PSS 6884	387	PHS 6935	64	PHO 7120	316
PHQ 6408	214	PHQ 6579	245	PHS 6737	250	PSS 6813	382	PHQ 6885	265	PHQ 6936	64	PHS 7121	315
PHS 6409	214	PHS 6580	245	PHS 6738	250	PHQ 6814	214	PSS 6885	387	PHS 6937	62	PHS 7122	316
PHS 6410	214	PHQ 6581	245	PHS 6739	250	PHQ 6815	214	PHQ 6886	265	PHQ 6938	62	PHS 7123	310
PHS 6411	214	PHQ 6582	245	PHS 6740	250	PHS 6816	111	PSS 6886	387	PHQ 6939	62	PHS 7124	310
PHS 6413	214	PHS 6588	142	PHS 6741	249	PHS 6817	111	PHQ 6887	265	PHS 6940	62	PHS 7125	310
PHS 6416	301	PHO 6590	Opp. 44	PHS 6742	249	PHQ 6818	112	PSS 6887	387	PHO 6941	63	PHS 7126	310
PHS 6423	269	PHO 6591	44	PHS 6743	249	PHQ 6819	112	PHQ 6888	265	PHO 6942	62	PHS 7127	310
PHS 6424	42, 241	PHO 6592	44	PHS 6744	249	PHS 6820	112	PSS 6888	387	PHO 6943	63	PHS 7128	310
PHS 6427	241	PHS 6593	93	PHS 6745	249	PHS 6821	112	PHQ 6889	265	PHS 6944	65	PHS 7129	310
PHS 6429	296	PHO 6595	Opp. 44	PHS 6746	249	PHS 6822	112	PSS 6889	387	PHS 6945	65	PHS 7130	310
PHS 6430	94	PHO 6596	44	PHS 6747	249	PHS 6823	112	PHQ 6890	265	PHQ 6946	65	PHS 7131	333
PHS 6431	22	PHO 6597	44	PHS 6748	249	PSS 6823	377	PSS 6890	389	PHQ 6947	65	PHS 7132	333
PHS 6435	151	PHO 6598	44	PHS 6749	249	PHQ 6825	111	PHQ 6891	265	PHQ 6948	65	PHS 7133	333
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PHS 6513	246	PHQ 6648	143	PSS 6768	377	PHQ 6846	262	PSS 6901					

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHQ 7159	190	PHS 7380	366	PHS 7511	457	PHS 7647	454	PHS 7741	463	PHS 7852	465	PHS 7963	482
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PHO 7366	329	PHS 7506	453	PHS 7641	454	PHS 7737	463	PHS 7848	465	PHS 7961	482	PHS 8086	

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHS 8090	472	PHS 8186	477	PDS 8315	444	PHS 8502	205	PHS 8616	199	PHS 8728	191	PHS 8848	283
PHS 8091	472	PHS 8187	477	PHS 8315	480	PHS 8503	205	PHS 8617	199	PHS 8729	191	PHS 8849	284
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PHS 8154	477	PHQ 8243	256	PHQ 8388	349	PHS 8573	197	PHS 8693	192	PHS 8797	198	PHO 8909	324
PHS 8155	477	PHQ 8244	256	PHQ 8389	349	PDQ 8574	444	PHS 8694	192	PHQ 8798	198	PHO 8910	324
PHS 8156	477	PHQ 8245	256	PHQ 8390	349	PHQ 8574	197	PHS 8695	192	PHS 8799	198	PHO 8911	324
PHS 8157	477	PHQ 8246	256	PHQ 8291	349	PHS 8575	199	PHS 8696	192	PHS 8800	198	PHO 8912	324
PHS 8158	478	PHQ 8247	256	PHQ 8392	349	PHS 8576	199	PHS 8697	206	PHQ 8801	198	PHS 8913	427
PHS 8159	478	PHQ 8248	256	PHQ 8393	349	PHS 8577	199	PHS 8698	206	PHQ 8802	198	PHS 8914	427
PHS 8160	478	PHQ 8249	256	PHQ 8394	349	PHS 8578	199	PHS 8699	206	PHQ 8803	198	PHS 8915	427
PHS 8161	478	PHQ 8250	264	PHQ 8395	349	PHS 8579	199	PHS 8700	206	PHQ 8804	198	PHS 8916	427
PHS 8162	478	PHQ 8251	264	PHQ 8396	349	PHS 8580	199	PHS 8701	206, 221	PHO 8809	189	PHS 8917	428
PHS 8163	478	PDQ 8284	444	PHQ 8397	349	PHS 8581	199	PHS 8702	206	PHO 8810	189	PHS 8918	428
PHS 8164	478	PHS 8289	39	PHQ 8398	349	PHS 8582	199	PHS 8703	206	PHO 8811	189	PHS 8919	428
PHS 8165	478	PHS 8290	41	PHQ 8399	349	PHS 8586	199	PHQ 8704	206	PHO 8812	189	PHS 8920	428
PHS 8166	478	PHS 8291	41	PDS 8399	194	PHS 8587	199	PHS 8705	206	PHO 8813	189	PHS 8921	428
PHS 8167	478	PHS 8292	41	PHQ 8400	349	PHS 8588	199	PHQ 8706	206	PHO 8814	189	PHS 8922	428
PHS 8168	478	PHS 8293	41	PDQ 8426	193	PHS 8589	199	PHS 8707	206	PHO 8815	187	PHS 8923	428
PHS 8169	477	PHQ 8294	40	PDQ 8427	193	PHS 8590	199	PHS 8708	206	PHO 8816	187	PHS 8924	428
PHS 8170	478	PHQ 8295	40	PDQ 8428	193	PHS 8591	199	PHS 8710	206	PHO 8817	187	PHS 8976	239
PHS 8171	478	PHQ 8296	40	PDQ 8429	193	PHS 8592	199	PHS 8711	206	PHO 8818	187	PHS 8977	239
PHS 8172	478	PHQ 8297	40	PDQ 8430	193	PHS 8593	199	PHS 8712	206	PHO 8819	187	PHS 8978	239
PHS 8173	478	PHS 8298	40	PDQ 8431	193	PHS 8594	199	PHS 8713	206	PHO 8820	187	PHS 8979	55
PHS 8174	478	PHS 8300	468	PHO 8441	237	PHS 8595	199	PHS 8714	206	PHO 8821	188	PHS 8980	55
PHS 8175	469	PHS 8301	468	PHO 8442	237	PHS 8596	199	PHS 8715	206	PHO 8822	188	PHS 8982	55
PHS 8176	469	PDQ 8302	444	PHO 8444	237	PHS 8597	199	PHS 8716	206	PHO 8823	188	PHS 8983	53
PHS 8177	469	PHS 8302	468	PHS 8450	238	PHS 8598	199	PHQ 8717	193	PHO 8824	188	PHS 8984	53
PHS 8178	469	PDQ 8303	444	PHS 8451	238	PHS 8599	199	PHS 8718	193	PHO 8825	188	PHS 8985	53
PHS 8179	469	PHS 8303	468	PHS 8452	238	PHS 8600	199	PHS 8719	193	PHO 8826	188	PHS 8986	53
PHS 8180	469	PDQ 8304	444	PHS 8453	238	PHS 8610	199	PHS 8720	193	PHO 8827	188	PHS 8988	53
PHS 8181	477	PHS 8310	480	PHS 8454	238	PHS 8611	199	PHS 8721	193	PHO 8828	188	PHS 8989	55
PHS 8182	477	PHS 8311	480	PHS 8455	238	PHS 8612	199	PHS 8722	193	PHS 8845 274,	276	PHS 8990	53

NUMERICAL INDEX—continued

NOTE.—Find Number required first and then the correct prefix letters.

No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.	No.	Page.
PHQ 8997	66	PHS 9176	226	PHS 9283	130	PHO 9394	116	PHO 9493	270	PHQ 9718	195	PHS 9903	326	PHS 9903	326
PHQ 8998	78	PHS 9184	219	PHS 9284	131	PHQ 9395	151	PHS 9501	235	PHQ 9719	195	PHS 9904	326	PHS 9904	326
PHQ 8999	82	PHS 9185	150	PHS 9285	124	PHQ 9396	151	PHQ 9502	52	PHQ 9720	195	PHS 9905	326	PHS 9905	326
PHS 9007	123	PHS 9186	295	PHS 9286	132	PHQ 9397	116	PHQ 9503	52	PHQ 9721	195	PHS 9906	326	PHS 9906	326
PHS 9008	123	PHS 9187	295	PHS 9287	86	PHO 9398	116	PHQ 9504	52	PHQ 9722	195	PHQ 9907	326	PHQ 9907	326
PHO 9009	181	PHO 9188	169	PHO 9290	36	PHO 9399	116	PHQ 9505	52	PHQ 9723	195	PHS 9908	326	PHS 9908	326
PHS 9014	296	PHO 9189	169	PHO 9291	36	PHS 9400	212	PHQ 9506	52	PHQ 9724	195	PHS 9909	325	PHS 9909	325
PHQ 9015	143	PHO 9190	169	PHO 9292	361	PHS 9401	212	PHQ 9507	52	PHQ 9725	195	PHS 9910	325	PHS 9910	325
PHS 9016	94	PHO 9191	169	PHO 9293	361	PHS 9402	212	PHQ 9508	52	PHQ 9726	195	PHS 9911	325	PHS 9911	325
PHS 9018	295	PHO 9192	169	PHO 9294	361	PHS 9403	212	PHQ 9509	51	PHQ 9727	195	PHS 9912	325	PHS 9912	325
PHS 9019	295	PHO 9193	169	PHO 9295	361	PHS 9404	212	PHQ 9510	51	PHQ 9728	195	PHS 9913	325	PHS 9913	325
PHQ 9020	91	PHS 9194	215	PHO 9296	361	PHS 9405	212	PHQ 9511	51	PHQ 9729	195	PHS 9914	325	PHS 9914	325
PHS 9023	151	PHS 9195	149	PHO 9297	361	PHS 9406	212	PHQ 9512	51	PHQ 9730	195	PHS 9915	325	PHS 9915	325
PHS 9024	150	PHS 9196	150	PHO 9298	359	PHS 9406L	212	PHQ 9513	51	PHQ 9731	195	PHS 9916	325	PHS 9916	325
PHS 9026	91	PHS 9197	151	PHS 9299	141	PHS 9407	211	PHQ 9514	51	PHQ 9732	195	PHS 9917	325	PHS 9917	325
PHS 9027	91	PHS 9198	151	PHS 9300	124	PHS 9408	211	PHQ 9515	51	PHQ 9733	194	PHS 9918	325	PHS 9918	325
PHQ 9028	91	PHS 9199	151	PHS 9301	124	PHS 9409	212	PHQ 9516	52	PHS 9734	483	PHS 9919	325	PHS 9919	325
PHQ 9029	91	PHS 9200	111	PHS 9302	124	PHS 9410	211	PHQ 9517	52	PHS 9735	483	PHS 9920	325	PHS 9920	325
PHO 9031	254	PHS 9201	150	PHS 9303	132	PHS 9411	211	PHQ 9518	52	PHS 9736	483	PHS 9921	325	PHS 9921	325
PHO 9033	254	PHS 9203	219	PHS 9304	132	PHS 9412	138	PHQ 9519	52	PHS 9737	483	PHS 9922	325	PHS 9922	325
PHO 9035	254	PHS 9204	111	PHS 9305	131	PHS 9412L	138	PHQ 9520	52	PHS 9738	483	PHS 9923	326	PHS 9923	326
PHO 9036	254	PHS 9205	220	PHS 9306	131	PHS 9413	138	PHQ 9521	52	PHS 9740	483	PHS 9924	326	PHS 9924	326
PHO 9037	254	PHO 9207	236	PHQ 9307	126	PHS 9414	212	PHQ 9522	52	PHS 9743	483	PHO 9930	267	PHO 9930	267
PHO 9039	254	PHO 9208	236	PHS 9308	129	PHS 9415	211	PHQ 9523	52	PHS 9744	483	PHO 9931	267	PHO 9931	267
PHO 9040	254	PHO 9209	236	PHS 9309	135	PHS 9416	211	PSQ 9524	52	PHS 9745	483	PHO 9932	267	PHO 9932	267
PHO 9041	254	PHQ 9210	300	PHO 9310	36	PHO 9417	119	PHQ 9525	52	PHO 9749	175	PHO 9933	267	PHO 9933	267
PHO 9042	254	PHO 9211	236	PHO 9311	36	PHO 9418	119	PHQ 9526	52	PHS 9753	483	PHO 9934	267	PHO 9934	267
PHO 9043	254	PHO 9112	236	PHS 9312	363	PHS 9419	155	PHQ 9527	51	PHS 9755	483	PHO 9935	267	PHO 9935	267
PHO 9044	254	PHO 9215	223	PHQ 9313	202	PHQ 9420	119	PHQ 9528	51	PHS 9759	317	PHO 9936	267	PHO 9936	267
PHO 9045	254	PHO 9216	223	PHO 9315	361	PHS 9421	155	PHQ 9529	51	PHS 9760	317	PHO 9937	267	PHO 9937	267
PHO 9047	254	PHO 9217	223	PHO 9316	360	PHS 9422	155	PHQ 9530	51	PHS 9761	317	PHO 9938	267	PHO 9938	267
PHO 9049	254	PHO 9218	223	PHO 9317	360	PHQ 9425	109	PHQ 9531	51	PHS 9762	317	PHO 9939	267	PHO 9939	267
PHO 9051	254	PHO 9219	226	PHO 9318	360	PHQ 9426	109	PHQ 9532	51	PHS 9763	272	PHO 9940	267	PHO 9940	267
PHO 9052	254	PHS 9221	130	PHO 9319	360	PHQ 9430	151	PHQ 9533	51	PHS 9764	272	PHO 9941	267	PHO 9941	267
PHO 9053	254	PHS 9223	295	PHO 9320	359	PHO 9440	362	PHQ 9534	51	PHS 9765	318	PHO 9942	267	PHO 9942	267
PHO 9057	254	PHS 9226	123	PHO 9321	360	PHO 9441	362	PHQ 9535	51	PHS 9766	318	PHO 9943	267	PHO 9943	267
PHO 9059	254	PHS 9227	131	PHO 9322	360	PHO 9442A	362	PHQ 9536	51	PHS 9767	318	PHO 9946	271	PHO 9946	271
PHQ 9061	91	PHS 9228	129	PHS 9323	360	PHO 9442B	362	PHQ 9537	51	PHO 9770	174	PHO 9947	271	PHO 9947	271
PHQ 9062	91	PHS 9229	123	PHS 9324	360	PHO 9442C	362	PHQ 9538	51	PHO 9771	174	PHO 9948	271	PHO 9948	271
PHQ 9063	91	PHS 9230	130	PHO 9325	359	PHO 9442D	362	PHQ 9539	51	PHO 9772	174	PHO 9949	271	PHO 9949	271
PHQ 9064	91	PHS 9231	130	PHO 9326	359	PHO 9442E	362	PHS 9579	235	PHO 9773	174	PHO 9950	271	PHO 9950	271
PHS 9065	66	PHS 9232	129	PHO 9327	359	PHO 9442F	362	PHS 9580	235	PHO 9774	174	PHO 9951	271	PHO 9951	271
PHS 9066	66	PHS 9233	132	PHO 9328	359	PHO 9442G	362	PHS 9581	235	PHO 9775	173	PHO 9952	271	PHO 9952	271
PHS 9067	66	PHS 9234	127	PHO 9329	359	PHO 9443	362	PHS 9582	235	PHO 9776	173	PHS 9953	486	PHS 9953	486
PHS 9069	66	PHS 9235	132	PHO 9330	359	PHO 9444	362	PHS 9583	234	PHO 9777	173	PHS 9954	486	PHS 9954	486
PHS 9077	66	PHS 9236	130	PHQ 9331	338	PHO 9445	362	PHO 9584	234	PHO 9778	172	PHS 9955	486	PHS 9955	486
PHS 9079	66	PHS 9237	130	PHQ 9332	338	PHO 9446	362	PHS 9585	234	PHO 9779	172	PHS 9956	486	PHS 9956	486
PHS 9082	250	PHS 9238	131	PHQ 9333	338	PHO 9448	362	PHS 9586	234	PHO 9780	172	PHS 9957	486	PHS 9957	486
PHO 9084	360	PHS 9239	122	PHS 9334	338	PHO 9450	362	PHS 9587	235	PHS 9783	367	PHS 9958	486	PHS 9958	486
PHO 9086	360	PHS 9240	122	PHQ 9335	338	PHO 9451	362	PHO 9590	312	PHS 9784	367	PHS 9959	487	PHS 9959	487
PHO 9088	360	PHS 9241	130	PHQ 9336	338	PHO 9452	362	PHO 9591	312	PHS 9785	367	PHS 9960	487	PHS 9960	487
PHO 9089	360	PHS 9242	123	PHO 9340	156	PHO 9453	362	PHO 9600	304	PHS 9786	367	PHS 9961	487	PHS 9961	487
PHO 9090	186	PHS 9243	122	PHO 9341	156	PHO 9454	362	PHO 9601	304	PHS 9787	367	PHS 9962	487	PHS 9962	487
PHS 9107	360	PHS 9244	28	PHO 9342	156	PHO 9455	362	PHO 9602	304	PHS 9788	367	PHS 9963	487	PHS 9963	487
PHS 9108	360	PHS 9245	28	PHO 9343	156	PHO 9456	362	PHO 9603	304	PHS 9789	367	PHS 9964	487	PHS 9964	487
PHS 9109	359	PHS 9253	14, 43	PHO 9344	156	PHO 9457	362	PHO 9604	304	PHS 9790	367	PHS 9965	487	PHS 9965	487
PHO 9113	169	PHS 9254	14	PHO 9345	236	PHQ 9460	151	PHO 9605	304	PHS 9791	368	PHS 9966	487	PHS 9966	487
PHO 9115	361	PHS 9258	14	PHO 9346	156	PHQ 9462	151	PHO 9612	317	PHS 9792	368	PHS 9967	487	PHS 9967	487
PHS 9116	361	PHO 9259	14	PHS 9347	156	PHS 9470	321	PHO 9613	317	PHS 9793	368	PHS 9968	487	PHS 9968	487
PHO 9119	11	PHO 9261	236	PHS 9348	156	PHS 9471	321	PHS 9647	371	PHS 9794	368	PHS 9969	487	PHS 9969	487
PHS 9120	359	PHQ 9262	71	PHS 9349	156	PHS 9472	321	PHO 9648	371	PHS 9795	369	PHS 9970	487	PHS 9970	487
PHS 9122	361	PHQ 9263	71	PHS 9350	156	PHS 9473	321	PHO 9649	371	PHS 9796	369	PHS 9971	487	PHS 9971	487
PHO 9149	36	PHS 9264	71	PHS 9351	156	PHS 9474	321	PHS 9650	371	PHS 9797	369	PHS 9972	487	PHS 9972	487
PHO 9152	36	PHS 9265	71	PHO 9353	291	PHS 9475	321	PHO 9651	371	PHS 9798	369	PHS 9973	487	PHS 9973	487
PHO 9153	36	PHS 9266	71	PHO 9356	290	PHS 9476	321	PHS 9701	194	PHS 9799	369	PHS 9974	487	PHS 9974	487
PHO 9154	36	PHS 9267	71	PHO 9357	290	PHS 9477	321	PHS 9702	194	PHO 9800	268	PHS 9975	487	PHS 9975	487
PHS 9155	53, 244	PHS 9268	71	PHO 9360	291	PHS 9478	321	PHS 9703	194	PHO 9801	268	PHS 9976	487	PHS 9976	487
PHS 9156	35	PHS 9269	71	PHO 9364	290	PHS 9479	321	PHS 9704	194	PHO 9802	268	PHS 9977	487	PHS 9977	487
PHS 9158	35	PHS 9270	91	PHO 9365	290	PHS 9480	321	PHS 9705	194	PHO 9803	268	PHS 9978	487	PHS 9978	487
PHO 9160	183	PHS 9271	91	PHO 9366	290	PHS 9481	321	PHS 9706	194	PHO 9804	268	PHS 9979	487	PHS 9979	487
PHO 9161	183	PHQ 9272	91	PHO 9367	290	PHS 9482	321	PHS 9707	194	PHO 9805	268	PHS 9980	487	PHS 9980	487
PHQ 9162	183	PHQ 9273	91	PHO 9369	290	PHS 9483	321	PHS 9708	194	PHO 9806	268	PHS 9981	487	PHS 9981	487
PHS 9164	35	PHS 9274	71	PHO 9372	291	PHS 9484	321	PHS 9709	194	PHO 9807	268	PHS 9982	487	PHS 9982	487
PHS 9165	70	PHQ 9275	86	PHO 9386	359	PHS 9485	321	PHS 9710	194	PHS 9885	193	PHS 9983	487	PHS 9983	487
PHO 9168	99	PHQ 9276	86	PHQ 9387	151	PHS 9486	321	PHS 9711	194	PHS 9886	193	PHS 9984	487	PHS 9984	487
PHO 9169	99	PHQ 9277	86	PHQ 9388	151	PHS 9									

A Selection of High-class Buildings for which "P. W. & A." Door and Window Fittings have been supplied

xxxii.

This List taken at random and afterwards divided into Counties shews the general demand for "P.W. & A." Fittings. Because a County is not mentioned it by no means indicates that no "P.W. & A." Fittings have been supplied. Suffice it to say that "P. W. & A." Fittings are in use in every County in England and Wales and in most of the Scotch Counties.

Building.	Architect.	Building.	Architect.
LONDON :		DENBIGHSHIRE :	
North Metropolitan Electric Power Supply New Sub-Stations. ...	The Engineer.	New Pier Pavilion, Colwyn Bay ...	Messrs. Frazer & D.A. Lumsden, A.R.I.B.A.
Shell Mex. Ltd., Kingsway ...	Messrs. Treherne & Morgan, A. & F.R.I.B.A.	Princess Cinema, Colwyn. ...	
Guinness Trust Dw'gs, Kennington, S.E. ...	„ Josephs, A.R.I.B.A.	Old Colwyn Picture House ...	
5/6, Crosby Square ...	„ Josephs, A.R.I.B.A.	DERBYSHIRE :	
Schools for Tottenham and Willesden Education Depts. ...	G. E. T. Laurence, Esq.	British Cellulose Co., Ltd., Spondon ...	
War Seal Buildings ...	Messrs. Tasker & Son.	Rolls Royce Factory ...	
Lewis Trust Dwellings, Waltham Green ...	„ Josephs, A.R.I.B.A.	Extensions to "The Hermitage" Keyworth.	
Lewis Trust Dwellings, Dalston ...	„ Josephs, A.R.I.B.A.	DEVONSHIRE :	
Jewish Hospital, Stepney ...	„ Josephs, A.R.I.B.A.	Lloyds Bank, Torquay ...	Messrs. Bridgman & Bridgman, A. & F.R.I.B.A.
Synagogue, Limehouse ...	„ Josephs, A.R.I.B.A.	Central Hotel, Torquay ...	
Wimbledon Schools ...	„ A. W. Jarvis, A.R.I.B.A., & F. A. Richards, M.A., F.R.I.B.A.	ESSEX :	
Crosse & Blackwell (Mfg. Co.) Ltd. 20, Soho Square ...	Messrs. Josephs, A.R.I.B.A.	Cambridge Hotel, Shoeburyness ...	Messrs. Burles, Harris & Collings.
Euston Hotel Extensions ...	A. J. Briggs, Esq.	Masonic Hall, Southend-on-Sea ...	„ Burles, Harris & Collings.
174, Regent Street ...	W. H. White, Esq.	Courtaulds Factory, Braintree ...	H. Quick, Esq.
7/8/9, St. James' Street ...	Messrs. Josephs, A.R.I.B.A.	Sanitorium, Southend-on-Sea ...	R. H. Dyer, Esq.
Alder Street Hall, E. ...	„ Josephs, A.R.I.B.A.	Technical College, Southend-on-Sea ...	P. Brockbank, Esq.
145/6, Leadenhall Street ...	„ Josephs, A.R.I.B.A.	Queens Hotel, Westcliffe-on-Sea ...	P. Brockbank, Esq.
8/15, Austin Friars ...	„ Josephs, A.R.I.B.A.	Concert Hall and Pavilion, S'end-on-Sea ...	R. H. Dyer, Esq.
New Synagogue, St. John's Wood ...	„ Josephs, A.R.I.B.A.	New Police Courts, Southend-on-Sea ...	R. H. Dyer, Esq.
Bank of London & South America ...	„ Josephs, A.R.I.B.A.	Rochford Rectory, Southend-on-Sea ...	H. R. Cowley, Esq.
Mayfair Hotel, Piccadilly ...	W. Henry White, Esq., F.R.I.B.A.	Strand Arcade, Southend-on-Sea ...	P. R. Fincher, Esq.
East Acton Schools ...	Borough Surveyor.	Palace Hotel, Southend-on-Sea ...	P. Brockbank, Esq.
Jewish Hospital, West Norwood ...	Messrs. Josephs, A.R.I.B.A.	New Schools, Westcliffe-on-Sea ...	Messrs. Symington & Prince, A.L. & A.R.I.B.A.
Grosvenor House Ltd., London, W.1 ...		Nursing Home, Westcliffe-on-Sea ...	N. Evans, Esq.
ANGLESEY :		Labour Club & Institute, S'end-on-Sea ...	N. Evans, Esq.
Valley Cottage Homes ...	Lloyd Owen, Esq.	Rochford Union, Rochford ...	N. Evans, Esq.
South Stack, Holyhead ...	Harold Hughes, Esq., A.R.I.B.A.	FIFESHIRE :	
BEDFORDSHIRE :		Kincardine Schools ...	Borough Surveyor.
Grammar School, Dunstable ...	Messrs. Brown & Parrott, A. & L.R.I.B.A.	FLINTSHIRE :	
Bute Hospital, Luton ...	Messrs. Brown & Parrott, A. & L.R.I.B.A.	Courtaulds Factory ...	H. Quick, Esq.
Spittlesea Hospital, Luton ...	J. W. Tomlinson, Esq.	Gronant Institute, Prestatyn ...	F. A. Roberts, Esq., L.R.I.B.A.
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Stowe Schools, Buckingham ...		St. Asaph Infirmary ...	F. A. Roberts, Esq., L.R.I.B.A.
CAMBRIDGESHIRE :		GLOUCESTERSHIRE :	
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CARDIGANSHIRE :		General Hospital Nurses' Home, Stroud ...	Estate Dept., Euston.
Church Institute, Aberystwyth ...	G. T. Bassett, Esq., A.R.I.B.A.	L. M.S. New Offices, Bristol ...	
CARMARTHENSHIRE :		HAMPSHIRE :	
Cwmawr Schools ...	W. Vincent Morgan, Esq., A.R.I.B.A.	Havelock Chambers, Southampton ...	Messrs. A. S. Burnett, A.R.I.B.A., B. Thirlaway, L.R.I.B.A., & H. J. White, L.R.I.B.A.
Cross Hands School ...	W. Vincent Morgan, Esq., A.R.I.B.A.	St. Saviour's Hall, Southampton ...	H. Bryant, Esq., A.R.I.B.A.
CARNARVONSHIRE :		Relief Offices, Southampton ...	E. Bird, Esq., F.R.I.B.A.
Castle Hotel, Deganwy ...	J. A. Jones, Esq.	Woolston Baths, Southampton... Borough Surveyor.	
Municipal Offices, Llandudno ...	W. T. Ward, Esq.	Lloyds Bank, Gosport ...	G. E. Smith, Esq., L.R.I.B.A.
New Institute, Penmaenmawr ...	R. J. Hughes, Esq., A.R.I.B.A.	Regent Super Cinema, Portsmouth ...	Messrs. Morgan, L.R.I.B.A.
Convent, Llandudno ...	G. A. Humphreys, Esq., F.R.I.B.A.	Convent, Waterlooville ...	„ A. J. Seal & Hardy, L. & A.R.I.B.A.
CHESHIRE :		Lisle House Hotel, Bournemouth ...	G. E. Smith, Esq., L.R.I.B.A.
A.S.L.E. Club, Crewe ...	James Martin, Esq.	Bacon Curing Factory, Eastleigh ...	
Sealand Schools, Queensferry ...	S. Evans, Esq.	Talbot Hotel, Bournemouth ...	
L.M.S. Refreshment Rooms ...	A. J. Briggs, Esq., L.R.I.B.A.	Lloyds Bank, Bishop's Waltham ...	H. J. Dyer, Esq.
Caldy Grange Grammar School ...	F. Ansted Brown, F.R.I.B.A.	Gaiety Cinema, Portsmouth ...	L. M. Field, Esq.
Newferry School ...		Oddfellows Hall, Portsmouth ...	
Ellesmere School ...		Congregational Schools, Southsea ...	
Elton School ...		HEREFORDSHIRE :	
CUMBERLAND :		Markets, Hereford ...	W. Shimmin, Esq.
Midland Bank Ltd., Workington ...	Messrs. Woolfall & Eccles, F.R.I.B.A.	Police Station, Ross ...	J. H. Jack, Esq., F.R.I.B.A.
		HERTFORDSHIRE :	
		Boys' Grammar School, Watford ...	S. Dawe, Esq., A.R.I.B.A.
		Ladies' Close School, Watford ...	S. Dawe, Esq., A.R.I.B.A.
		Nash Mill School, Watford ...	S. Dawe, Esq., A.R.I.B.A.
		National Provincial Bank, Watford ...	Messrs. G. L. Broad & Patey.
		Green Man, Watford ...	S. Dawe, Esq., A.R.I.B.A.
		Oddfellows Hall, Watford ...	W. Grace, Esq.
		Masonic Hall, Watford ...	A. W. Anderson, Esq.

PARKER, WINDER & ACHURCH, LTD., BIRMINGHAM.

Selection of Buildings

continued.

Building.	Architect.	Building.	Architect.
IRELAND: L. M. S. New Offices, Belfast ...	Estate Dept., Euston.	SOMERSETSHIRE: L.C. & M. Bank, Shepton Mallett ...	Messrs. Woolfall & Eccles, F.R.I.B.A.
ISLE OF MAN: Hotel Majestic, Douglas ...		Burnham-on-Sea Police Station ...	A. J. Toomer, Esq.
ISLE OF WIGHT: Royal Naval College ...		STAFFORDSHIRE: Courtaulds Factory, Wolverhampton ...	H. Quick, Esq.
KENT: National Provincial Bank, Ashford ...	D. A. Hallett, Esq.	West Bromwich Permanent Building Society's New Buildings ...	Messrs. Benslyn & Surman.
County Hotel, Ashford ...	Messrs. Lacey & Jackson, L.R.I.B.A.	New Club Buildings at Baddesley Ensor near Tamworth ...	Messrs. Rooms & Aldridge, Sandy & Norris,
Masonic Hall, Ashford ...	" Lacey & Jackson, L.R.I.B.A.	New Nurses Home, Stafford ...	W. Plant, Esq. [F.R.I.B.A.]
Victoria Cafe ...	" Lacey & Jackson, L.R.I.B.A.	Royal Brine Baths, Stafford ...	C. W. Miller, Esq., L.R.I.B.A.
St. Mary's Schools, Dover ...	Messrs. Worsfold & Hayward.	Talbot & Smithfield Hotel, Stafford ...	W. James Nevett, Esq.
Dover Patrol Hospital ...	" Worsfold & Hayward.	Cheddleton Asylum, Leek, Staffs. ...	Messrs. Sandy & Norris, F.R.I.B.A.
Alms-houses, Ramsgate ...	W. T. Stock, Esq.	St. John's Schools, Tamworth ...	A. R. Piercy, Esq.
St. George's School, Ramsgate ...	W. T. Stock, Esq.	Stoke-on-Trent Union Infirmary ...	C. W. Miller, Esq., L.R.I.B.A.
Ramsgate General Hospital ...	F. J. Cornford, Esq.	English Electric Co. Offices ...	Messrs. Sandy & Norris, F.R.I.B.A.
Westgate Bathing Pavilion, W-on-S. ...	F. J. Cornford, Esq.	Sandonia Theatre, Stafford ...	A. R. Piercy, Esq.
St. Saviour's Hall, Westgate-on-Sea ...	Borough Surveyor.	Potteries Electric Garage, Stoke-on-T. ...	Mr. G. C. Lowbridge, M.C., L.R.I.B.A.
Marine Garden Pavilion, Folkestone ...		Penkull Cottage Homes ...	
LANCASHIRE: Courtaulds F'tory, Droylsden, M'chester	H. Quick, Esq.	Wolstanton Boys' Secondary School ...	
LEICESTERSHIRE: Melbourne Cinema, Leicester ...	Messrs. Seale & Riley, F.R.I.B.A.	SURREY: Council Schools, Epsom ...	Messrs. A. W. Jarvis & F. A. Richards.
Blaby Hall, Leicester ...	" Cowdell & Bryan, A.R.I.B.A.	SUSSEX: New Secondary School, Worthing ...	County Architect.
National Provincial Bank, Leicester ...	" Cowdell & Bryan, A.R.I.B.A.	Imperial Arcade, Brighton ...	Messrs. Clayton & Black.
Wolsey's Works, Leicester ...	W. H. Riley, Esq., F.R.I.B.A.	Gloucester Hotel, Brighton ...	" Clayton & Black.
Masonic Hall, Leicester ...	Messrs. Cowdell & Bryan, A.R.I.B.A.	Hove Fire Station, Brighton ...	" Clayton & Black.
National Provincial Bank, Hinckley ...	W. Brand, Esq.	Electricity Co. Offices, Brighton ...	" Clayton & Black.
Harvey Lane Memorial, Leicester ...	Messrs. Cowdell & Bryan, A.R.I.B.A.	WARWICKSHIRE: Rugby Technical School, Rugby ...	A. C. Bunch, Esq., F.R.I.B.A.
Town Hall Extension, Leicester ...	A. H. Hind, Esq., F.R.I.B.A.	Girls' High School, Leamington ...	Messrs. Quick & Lea, L.R.I.B.A.
Cripples Home, Leicester ...	N. Read, Esq.	Queen's Hotel, Birmingham ...	" Josephs, A.R.I.B.A.
Loughborough Hotel, Leicester ...	Messrs. Webb & Gray.	Lloyds Bank, Coventry ...	
Temple Cafe, Leicester ...	" Giles, Gough & Trollope.	Courtaulds Factory, Nuneaton and Coventry ...	H. Quick Esq.
North Evington Infirmary, Leicester ...	E. Whitmarsh Everiss, Esq.	Hospital of St. Cross, Rugby ...	C. J. Newman, Esq.
Public Conveniences, Leicester ...	Hy. Swannick, Esq.	General Hospital, Nuneaton ...	H. J. Ash, Esq., A.R.I.B.A.
Offices for Leicester Miners' Federation, Coalville ...	Hy. Swannick, Esq.	Morris Engines Factory Coventry ...	T. D. Griffiths, Esq.
Rebuilding Premises for Coalville Working Men's Co-Operative Society, Ltd., Coalville ...	Hy. Swannick, Esq.	Drill Hall, Nuneaton ...	H. N. Jepson, Esq., A.R.I.B.A.
Factory for Messrs. Seal & Co., Ltd. at Whitwick ...	Messrs. McCarthy, Collings & Co.	Gaiety Theatre, Birmingham ...	
MIDDLESEX: Brentford Union Nurses Home, Isleworth	Messrs. Dodge & Reid.	Hippodrome Theatre, Birmingham ...	T. R. J. Meakin, Esq., L.R.I.B.A.
MONTGOMERYSHIRE: Church House, Newtown ...	G. T. Bassett, Esq., A.R.I.B.A.	Coventry and North Warwickshire Hos. Bluemel's Premises, Rugby ...	T. W. Willard, Esq.
Newtown Hospital ...	Messrs. Davies & Hill.	Stoke Heath Schools, Coventry ...	A. C. Bunch, Esq., A.R.I.B.A.
NOTTINGHAMSHIRE: Forest Folk Hotel, Blidworth ...	L. Dodsley, Esq.	Coventry Infirmary, Coventry ...	C. Redgrave, Esq.
Rebuilding White Lion Hotel, Sandiacre.	A. M. Barrowcliff, Esq., A.R.I.B.A.	Extension, Queen's Hospital, B'ham ...	S. N. Cooke, Esq., F.R.I.B.A.
OXFORDSHIRE: Cadena Cafe, Oxford ...	G. Garner, Esq., L.R.I.B.A.	Little Aston Hall, Birmingham ...	Holland Hobbiss, Esq., A.R.I.B.A.
Lady Margaret's Hall ...	T. Rayson, Esq.	Alston Road Schools, Birmingham ...	Holland Hobbiss, Esq., A.R.I.B.A.
RADNORSHIRE: Radnorshire Arms Trust Houses ...	Messrs. Seale & Riley, F.R.I.B.A.	Pipe Hayes Schools, Birmingham ...	Holland Hobbiss, Esq., A.R.I.B.A.
RENFREW: Woodside Halls, Glasgow ...	City Architect.	Robin Hood Hotel, Birmingham ...	Holland Hobbiss, Esq., A.R.I.B.A.
Bridgetown Welfare Centre, Glasgow ...	City Architect.	Royal Oak, Lozells Road, Birmingham ...	
RUTLANDSHIRE: Rutland Cottage Hospital, Oakham ...	Messrs. Webb & Gray.	Monyhull Colony, Birmingham ...	Messrs. C. Whitwell & Son.
SHROPSHIRE: Isolation Hospital, Shrewsbury ...	V. G. Santo, Esq., A.R.I.B.A.	Selly Oak Hospital, Birmingham ...	" C. Whitwell & Son.
Shrewsbury High School ...	F. M. Drake, Esq., A.R.I.B.A.	Farcroft Hotel, Handsworth ...	" J. P. Osborne & Son.
Technical Institute, Oakengates ...	Geo. Bailey, Esq., L.R.I.B.A.	Extension Hallam Hospital ...	" J. P. Osborne & Son.
Swan Hotel, Whitchurch ...	R. Matthews, Esq., F.R.I.B.A.	Warwick House, Birmingham ...	" North, Robinson & Wilsdon.
Lloyd's Bank, Church Stretton ...	A. L. Iredale, Esq., L.R.I.B.A.	Society of Arts, New Street, B'ham. ...	Messrs. Crouch, Butler & Savage
		Fir Tree Inn, Arley ...	" Tanner & Horsburgh.
		King Edwards' School, Camp Hill, B'ham ...	Messrs. Chatwin & Son.
		King's Norton Secondary School ...	M. H. T. Buckland, Esq.
		Lloyds Bank, Coventry ...	Messrs. Lloyd, Oswell & Iredale, L.R.I.B.A.
		L.M.S. New Station, Kings Norton ...	W. W. Worsnop, Esq.
		WORCESTERSHIRE: Bromsgrove Grammar School ...	
		YORKSHIRE: New Offices and Factory for Messrs. Joseph Terry & Sons, Ltd. ...	Lewis E. Wade, Esq., A.R.I.B.A., M.I.Struct.E.
		Pavilions in Recreation Grounds at Heckmondwike ...	Messrs. Stead & Walshaw.
		Welfare Institution for Doncaster Miners Association, Doncaster ...	Messrs. Walker, F.R.I.B.A., & Thompson.
		New Central Premises for Barnsley British Co Operative Society, Ltd. ...	



MADE IN SWEDEN

Use this grainless wood

MASONITE is GRAINLESS WOOD—it will not split, crack or splinter—it is extremely water-resistant—it is uniform in strength and smoothness of surface—and it has a natural decorative appearance of distinguished merit. There are three types of Masonite, and each one has special properties which make it particularly suitable for certain classes of work.

Masonite is manufactured solely from wood exploded into fibre, and re-made by the application of great pressure, into **boards up to 12 ft. by 4 ft. in size**. The type of board produced depends upon the amount of pressure applied.

MASONITE PRESWOOD

Masonite Preswood is a grainless hardwood—relatively tougher and more durable than ordinary timber. Its outstanding qualities make it suitable for all kinds of interior and exterior work—the scope is unlimited. Preswood can be worked in exactly the same way as natural timber, but there is no risk of splitting, and, properly handled, it will not warp. Preswood is very adaptable, and, used in its natural state for the interior decoration of buildings of all descriptions, striking artistic effects are produced at very moderate cost. Preswood is the best material for the construction of large signs, for motor bodies, and for innumerable other interior and exterior uses. It is available in the following thicknesses and sizes: $\frac{1}{8}$ in.—12 ft., 8 ft., 6 ft. and 4 ft. by 4 ft.; $\frac{3}{16}$ in.—12 ft. and 6 ft. by 4 ft.

TEMPERED PRESWOOD is the latest Masonite development. It is not intended to replace standard Preswood, but to meet the exigencies of all types of heavy duty work it is tempered by a special process. It is particularly suitable for the lining of concrete shuttering. Masonite Tempered Preswood is the hardest, strongest, most durable, and most water-resisting fibre board in existence. Make a point of asking for samples and descriptive literature about this outstanding production.

MASONITE QUARTRBOARD

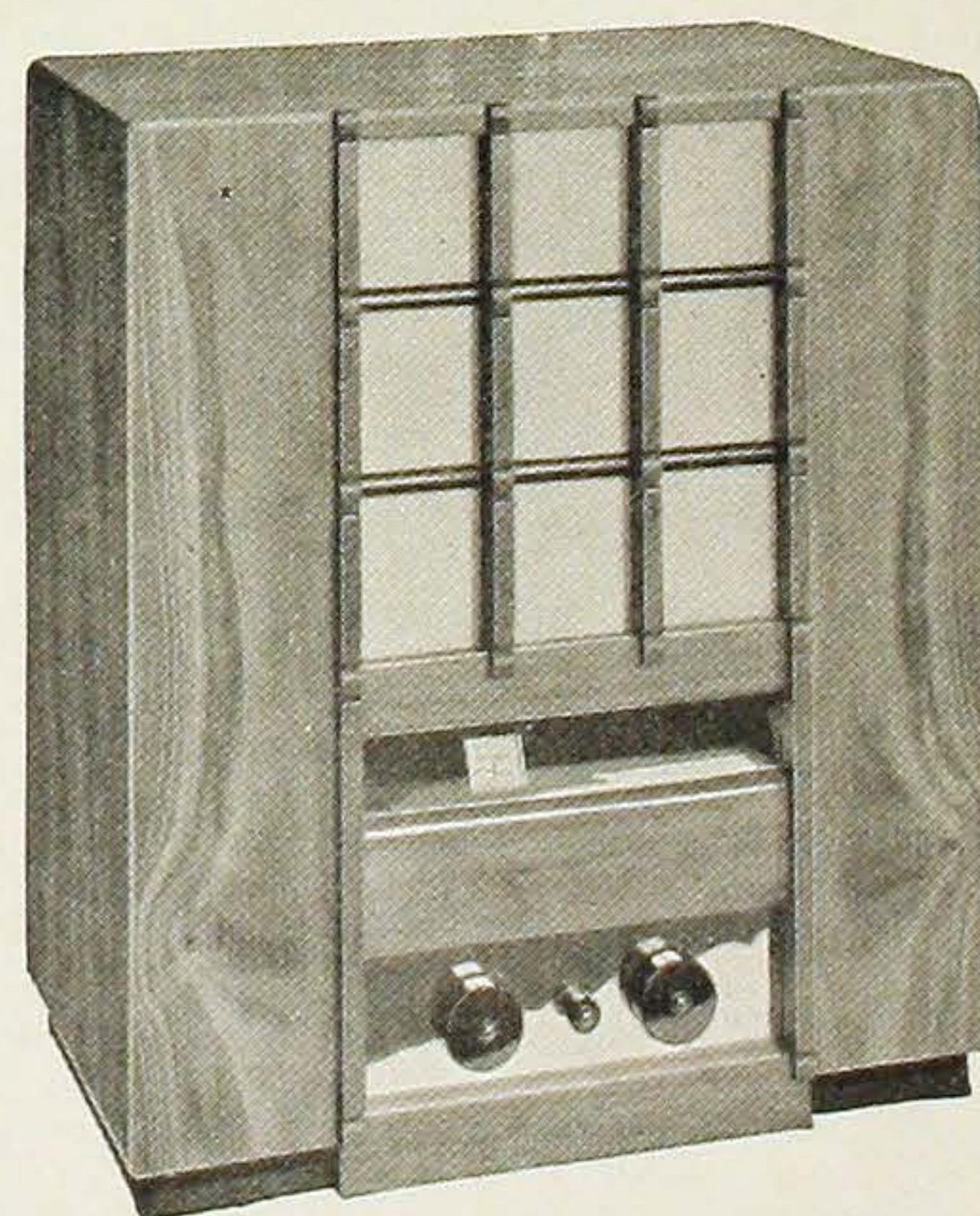
Masonite Quatrboard also contributes to the scope of the architect and interior designer. It differs from Masonite Insulation in that it is more compressed (being $\frac{1}{4}$ in. thick) and is a much harder and stronger board, while possessing at the same time almost the same insulating value. Masonite Quatrboard is popular for large housing schemes where speed of erection, and economy of cost consistent with high quality work, are the greatest considerations.

MASONITE INSULATION

Masonite Insulation is a rigid structural material possessing highly efficient sound and thermal insulating properties plus exceptional decorative merit in the natural state. If your colour scheme calls for rich golden brown, compare a sample of Masonite with wallpaper or other proposed treatment—you will choose Masonite for its appearance alone; then dispense with plaster and build the wall with Masonite Insulation too. The result will be more comfortable rooms, of greater durability, and at smaller cost,



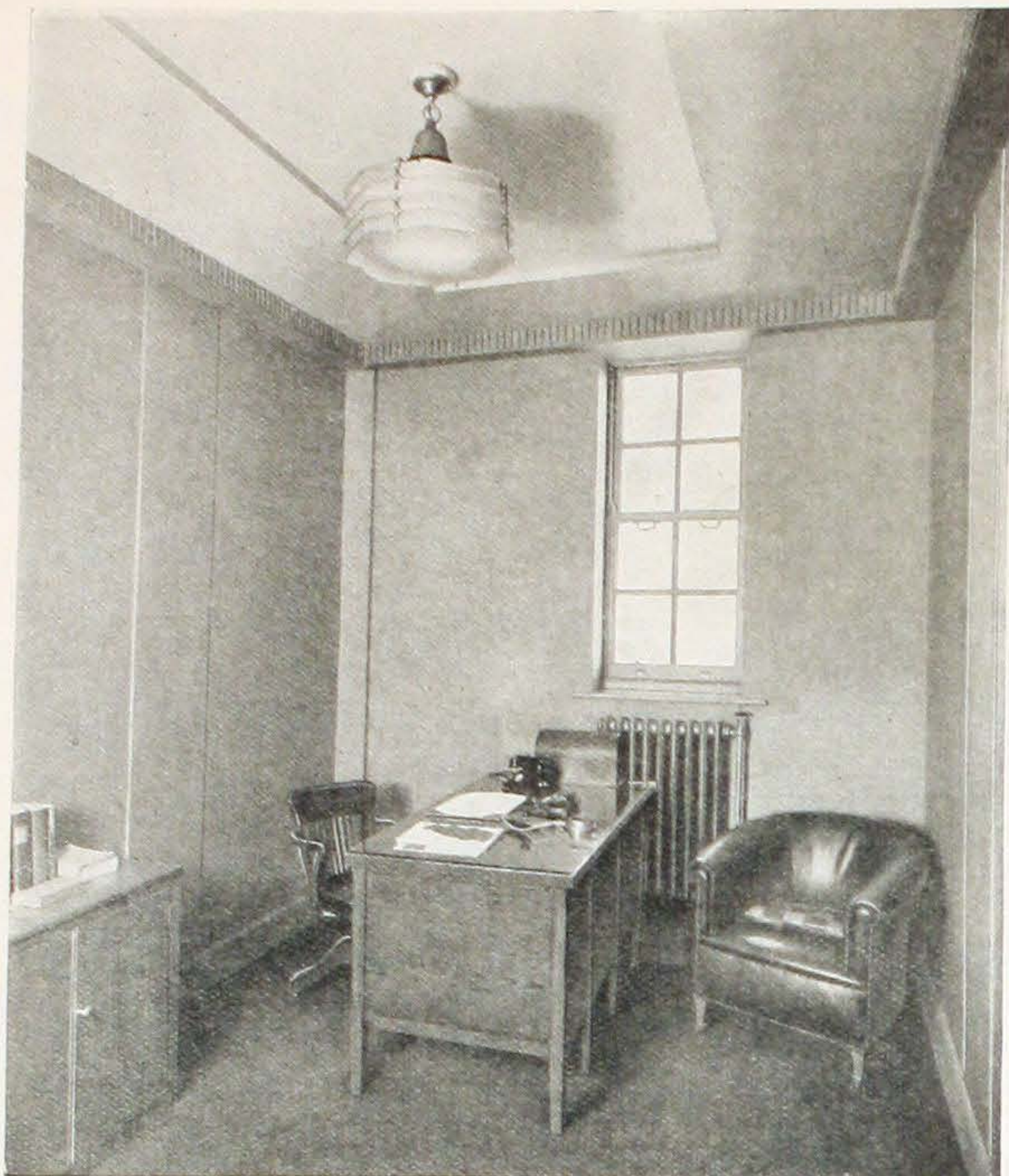
LARGE removal van body constructed entirely of Masonite Preswood. Photograph reproduced by courtesy of Pickfords Ltd., London, S.E.1.



MASONITE Preswood is used for the back panel of all Murphy Radio sets, and prevents box resonance. Preswood has efficient electrical insulating properties and is used for many other purposes in the wireless and electrical manufacturing trades. Photograph reproduced by courtesy of the Murphy Radio Co., Welwyn Garden City.

Authorised Masonite Stockists:

PARKER, WINDER & ACHURCH Ltd.
BROAD STREET, BIRMINGHAM

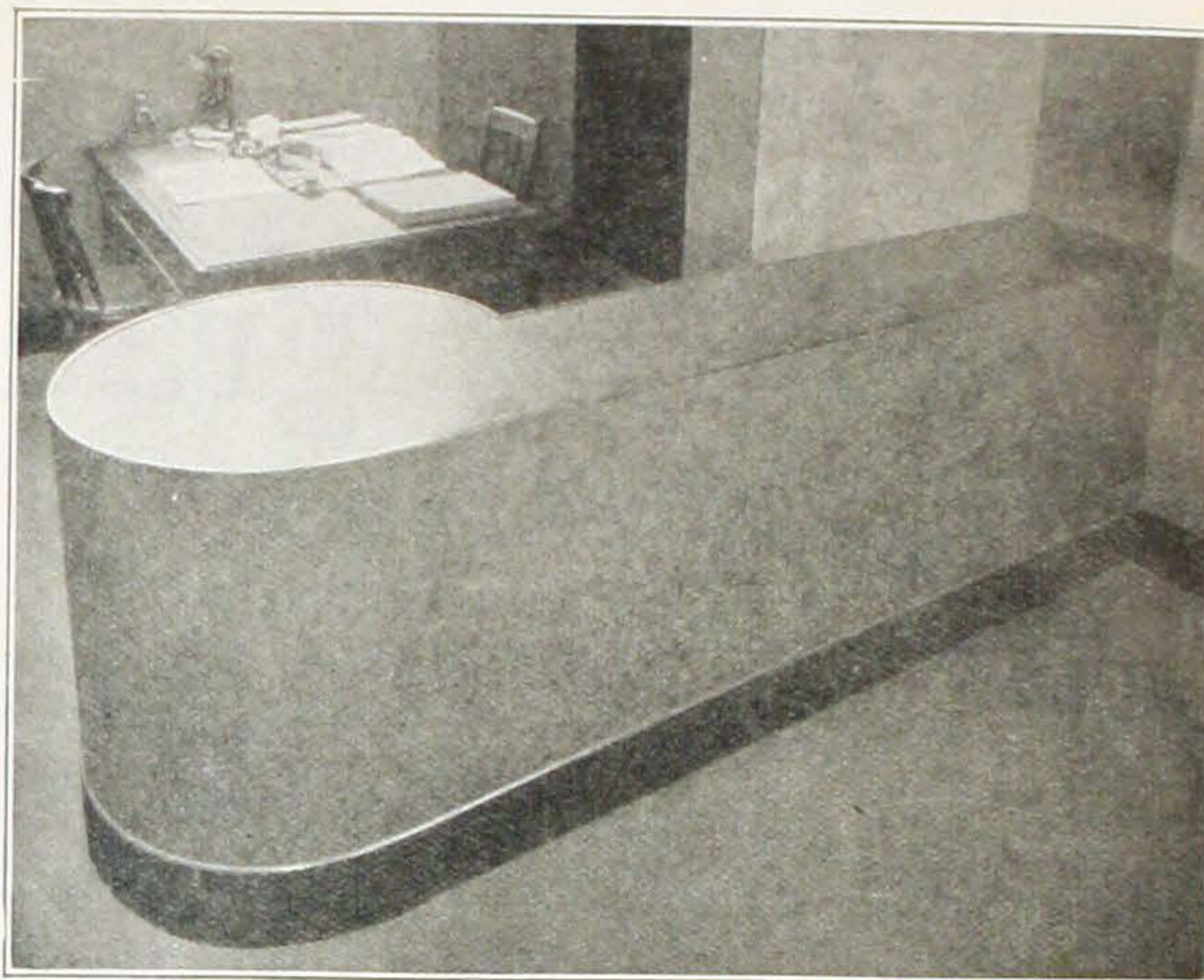


MASONITE Presdwood is the ideal material for the decoration of modern offices. Its hard, smooth surface prevents the accumulation of dust. In the illustration the walls have been left in the natural golden brown colour of Presdwood, whilst the ceiling has been treated with cream paint. Interesting details are the box cornice made of Presdwood mitred at the corners, and the dentils attached cut from narrow strips of Presdwood.

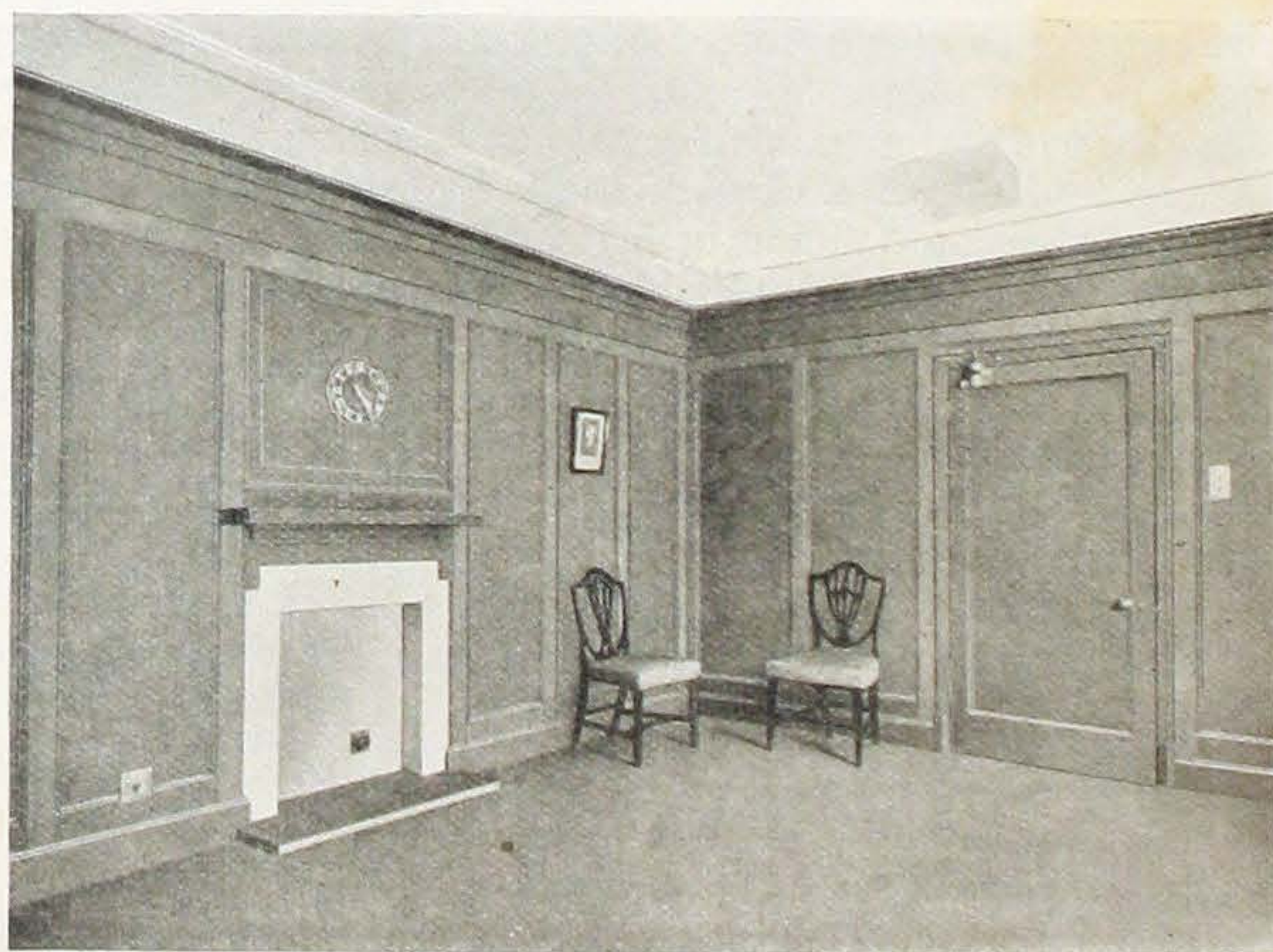
AN architecturally designed poster standing in very exposed position near Hillside, Southport. This further illustrates the suitability of Presdwood for design, and at the same time its durable nature. Architect: Francis X. Velarde, F.R.I.B.A.



Distinguished Products *for* Distinguished Work



MASONITE Presdwood is very adaptable. It can be cut and shaped to express the most intricate design. The counter illustrated is constructed entirely of Masonite Presdwood, and the bending of one sheet of Presdwood at the end is an outstanding example of the utility, strength, and quality of the board.



THE Council Room of the Royal Academy of Dramatic Art, Gower Street, London, W.C., where Masonite Presdwood was used throughout for wall panelling, mouldings, mantel, door, cornice, etc. Architects: Swan, Norman & Clay, F.R.I.B.A.



MADE IN SWEDEN



(Photograph reproduced by the Courtesy of Messrs. Wolsey, Ltd.)

BUILDING AT LEICESTER FOR Messrs. WOLSEY, LTD.

Architect : MR. W. H. RILEY, F.R.I.B.A.
 Contractors : Messrs. WILLIAM WRIGHT & SON (LINCOLN) LTD.
 Engineer : MR. E. L. P. DAVIDSON, A.M.I.Mech.E.
 Design of Reinforced Concrete :
 The INDENTED BAR & CONCRETE ENGINEERING CO., LTD.

Parker, Winder
 & Achurch, Ltd.
 Birmingham.

A Gallery of Photographs

*Illustrating a selection of
 the high-class buildings
 for which P.W.A. Doors
 and Window Fittings
 . . have been supplied . .*



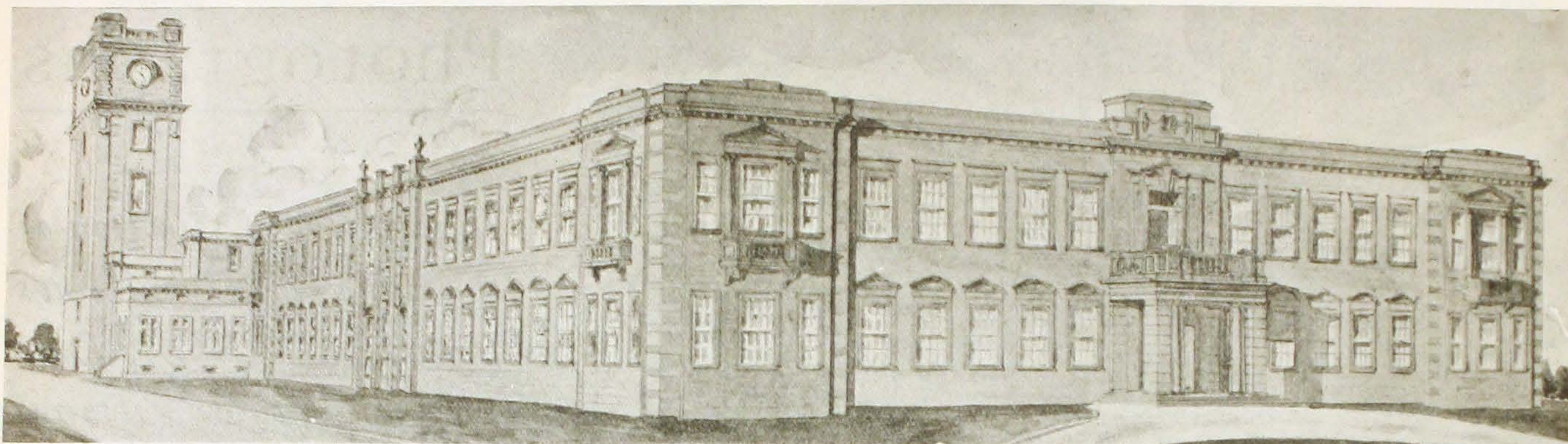
(Block kindly lent by the Architects.)

NORTH WALES MINERS' INSTITUTE.

Architects : Messrs. JOHN OWEN, O.B.E., F.A.I., and F. A. ROBERTS, L.R.I.B.A.
 Contractors : Messrs. W. F. HUMPHREYS, LTD., Acrefair, Wrexham.

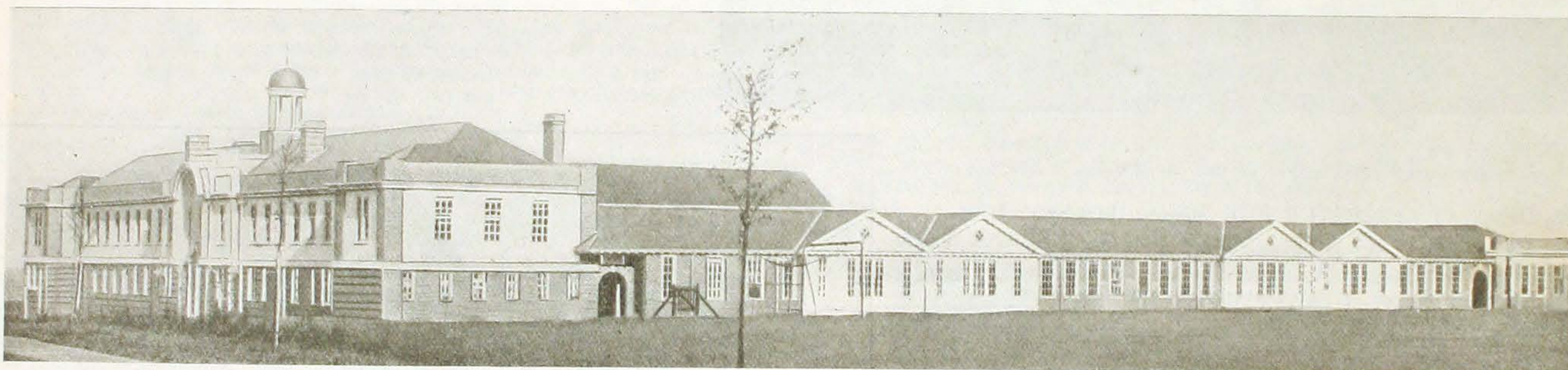
A GALLERY OF PHOTOGRAPHS

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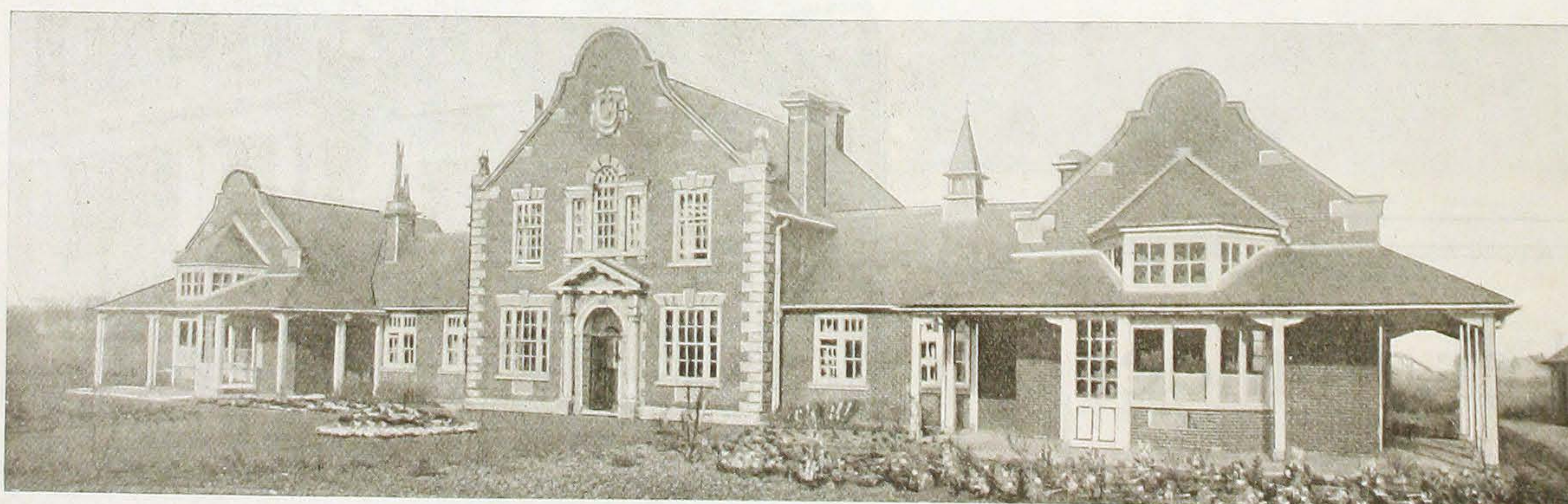
(Photograph kindly loaned by the Architect.)

OFFICES FOR Messrs. JOSEPH TERRY & SONS, LTD., Chocolate Manufacturers, York.
 Architect: MR. LEWIS E. WADE, A.R.I.B.A., M.I. Struct. E.
 Contractors: Messrs. HOLLAND & HANNEN and CUBITTS, LTD., London.



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THE COUNTY HIGH SCHOOL OLDBURY.
 Architect: Colonel A. VERNON ROWE, Worcester.
 Contractor: WILLIAM JACKSON, Esq., Langley, Birmingham.

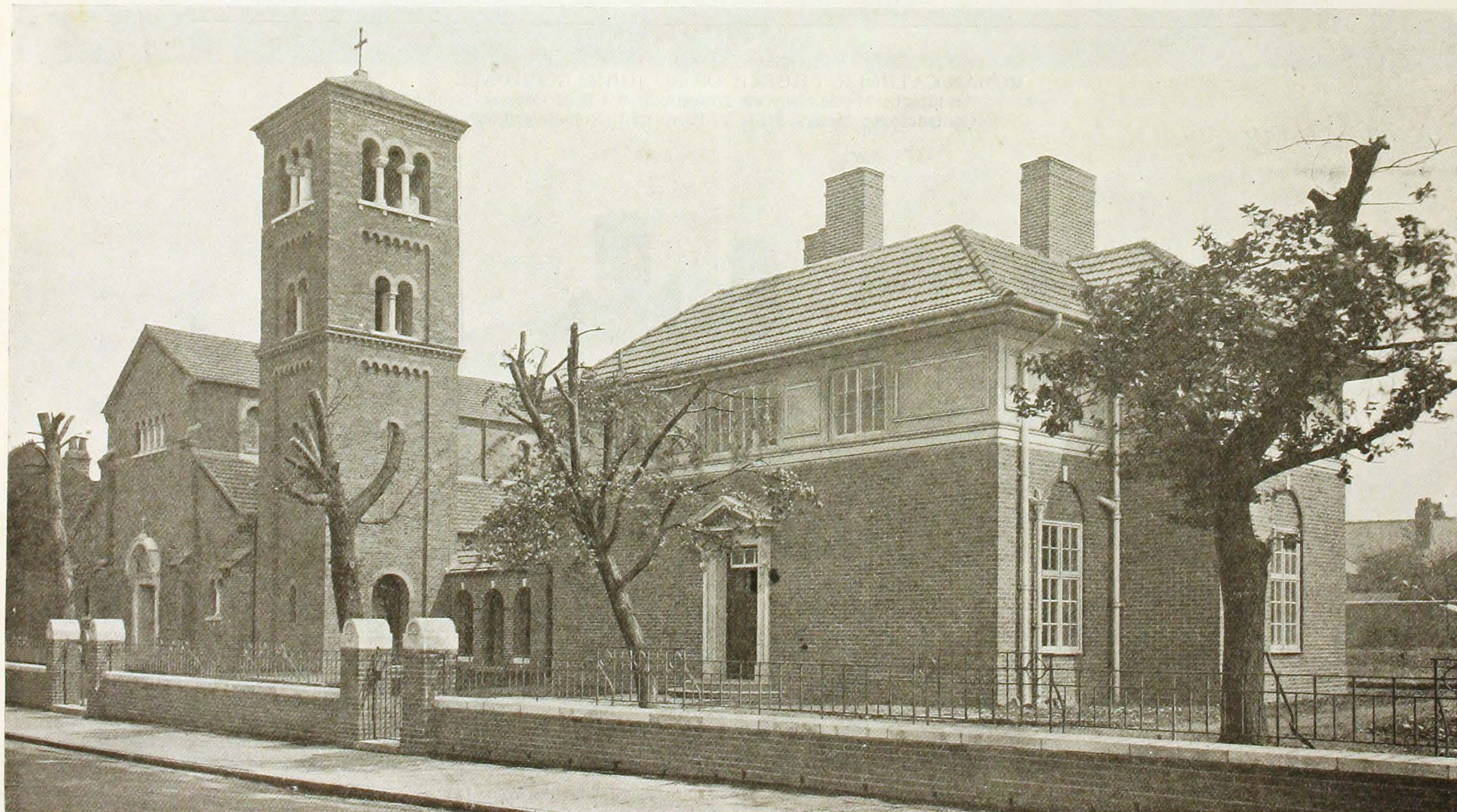


PRINCE EDWARD MEMORIAL HOSPITAL, RHYL.
 Architect: MR. F. A. ROBERTS, L.R.I.B.A., Wrexham.
 Contractor: Mr. J. J. BLACKBURN, Patricroft, Manchester.

A GALLERY OF
PHOTOGRAPHS
— CONTINUED —



LEICESTER TOWN HALL EXTENSIONS.
Architects: Messrs. COWDALL & BRYAN, A.R.I.B.A.
Contractors: Messrs. J. CHAPMAN & SONS, LTD.



(Photograph kindly lent by the Architects).
R. C. CHURCH AND PRESBYTERY OF THE ENGLISH MARTYRS, SPARKHILL, BIRMINGHAM.
Architect: Mr. E. BOWER NORRIS, F.R.I.B.A. (Messrs. Sandy and Norris.)
Contractors: Messrs. JAMES MOFFAT & SON, Camp Hill, Birmingham.

A GALLERY OF PHOTOGRAPHS

CONTINUED



(Block kindly lent by the Architects.)

ROMAN CATHOLIC CHURCH OF ST. JOHN, ROCHDALE.

Architect : Mr. E. BOWER NORRIS, F.R.I.B.A. (Messrs. Sandy & Norris).

Contractors : Messrs. R. & T. HOWARTH, Rochdale, Lancs.

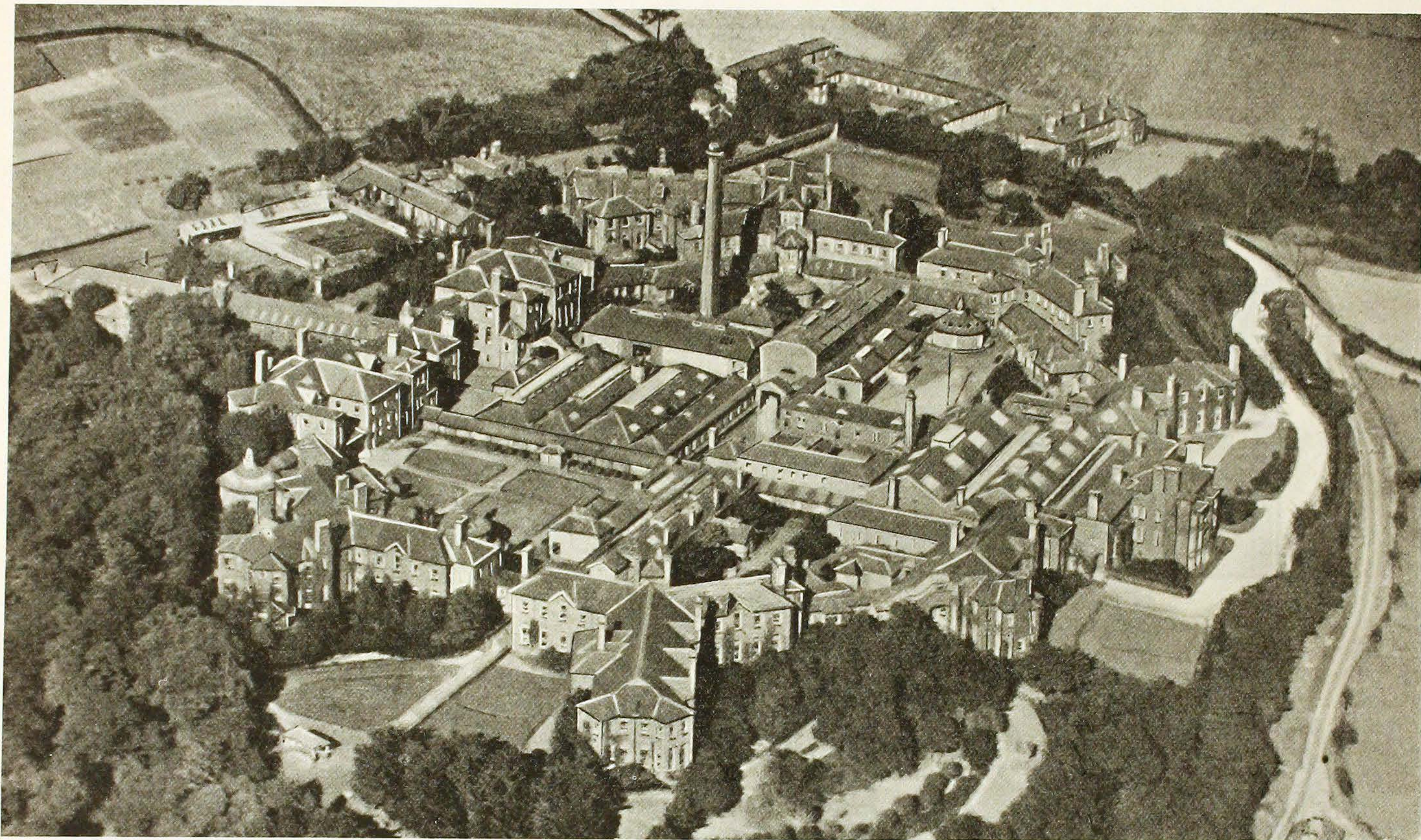


(Photographed by kind permission of the Salop County Council, Education Works Dept.)

COUNTY HIGH SCHOOL FOR GIRLS, NEWPORT, SALOP.

Architect : GEORGE H. BAILEY, Esq., Shrewsbury.

Contractor : A. H. WOODHOUSE, Esq., Hanwood, Salop.



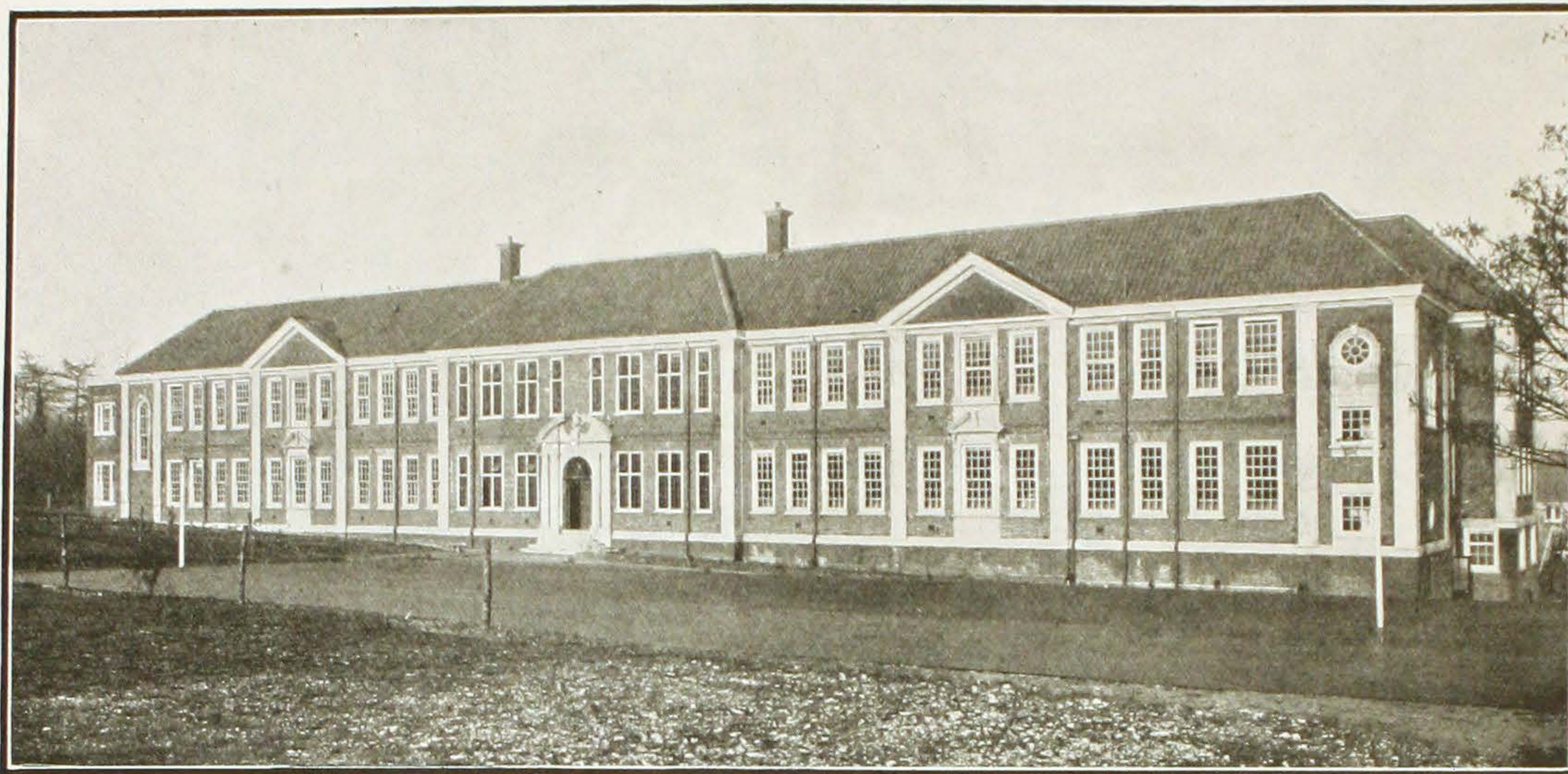
(Aeroplane Photograph by The Imperial Aerial Photo Co., Manchester. Reproduced by kind permission of the Deputy Medical Supt.)
COUNTY MENTAL HOSPITAL, PRESTWICH, MANCHESTER.



(Photograph reproduced by kind permission of the Architect).
TREAFOORD LANE HOUSING SITE, Alum Rock, Birmingham.
Architect: ARTHUR H. HAMBLIN, Esq., 115, Colmore Row, Birmingham.
Contractor: H. H. CRUMP, Esq., Edgbaston, Birmingham.

A GALLERY OF PHOTOGRAPHS

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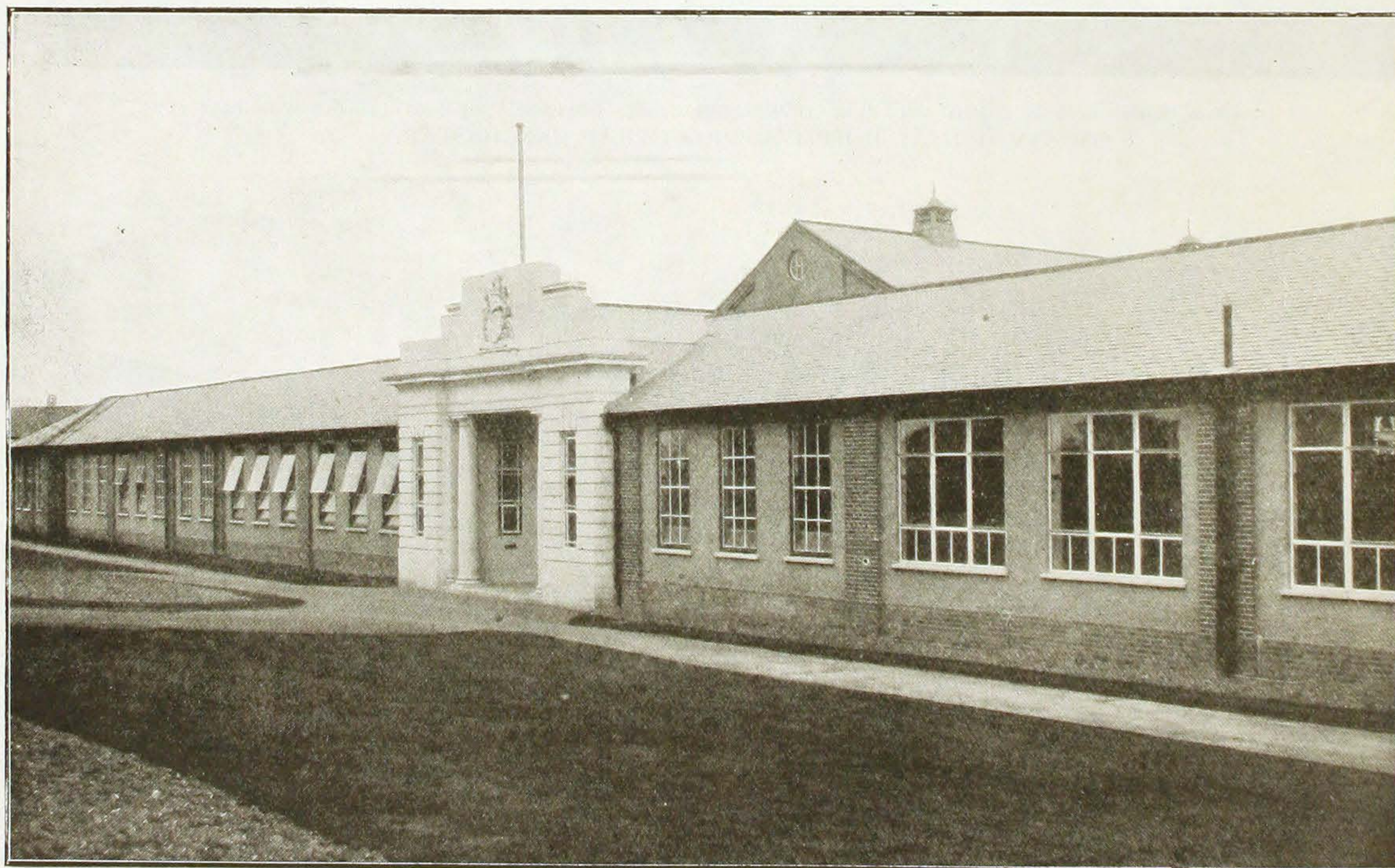


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WALLINGTON SECONDARY SCHOOL FOR GIRLS.

Architects : Messrs. A. W. JARVIS, A.R.I.B.A. and F. A. RICHARDS, M.A., F.R.I.B.A. (Architects to the Surrey Education Committee), London.

Contractors : Messrs. HENRY KNIGHT & SON, 16, Bruce Grove, Tottenham, N.17.



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WESTCLIFF-ON-SEA HIGH SCHOOL FOR BOYS.

Architects : Messrs. SYMINGTON AND PRINCE (H. A. Symington, A.R.I.B.A. and W. J. Prince, L.R.I.B.A.), Leicester.

Contractors : MR. J. G. GRAY, Broad Street, Coventry.

A GALLERY OF PHOTOGRAPHS
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(Photograph reproduced by kind permission of The Mayfair Hotel Co., Ltd.)

MAYFAIR HOTEL, BERKELEY ST., LONDON, W.1.

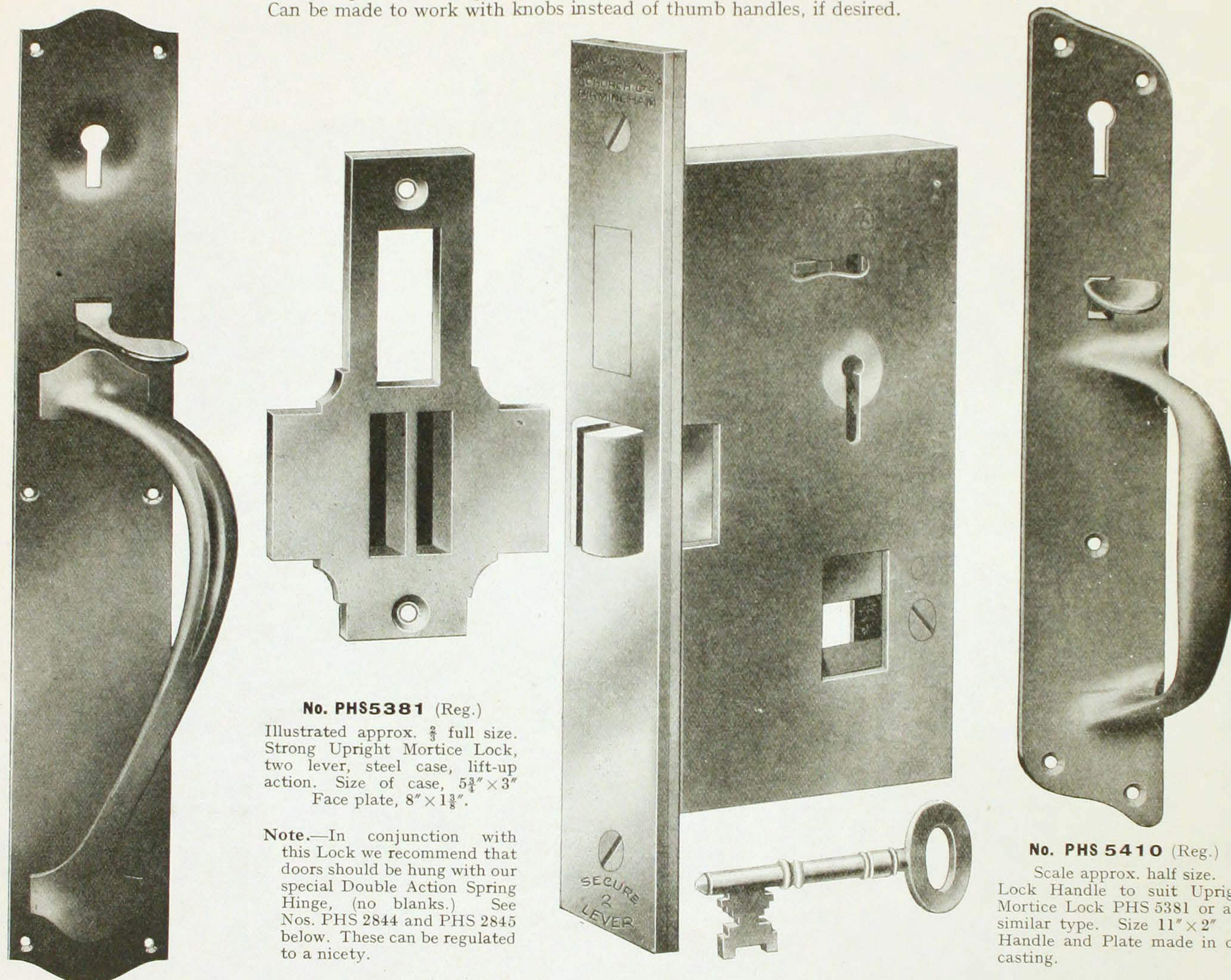
Architect: Mr. W. HENRY WHITE, F.R.I.B.A.

Contractors: Messrs. EDCASTER LTD., London and Doncaster.

The "FORWARD" Double Action Class Room Door Lock & Handle

This Lock has been specially made from suggestions given to us by an eminent School Architect. It will be found a big improvement on the old style of Roller Bolt Lock, which was liable to be rendered useless by the least shrinkage in the wood. In the "Forward" the slot shape bolt and its special striking plate allow for all possible shrinkage or expansion of woodwork, at the same time giving **instant action** in bringing door to rest with an absolute minimum of noise.

Another great advantage is that the door is firmly held when latched, and cannot possibly rattle. Can be made to work with knobs instead of thumb handles, if desired.



No. PHS5381 (Reg.)

Illustrated approx. $\frac{3}{4}$ full size.
Strong Upright Mortice Lock,
two lever, steel case, lift-up
action. Size of case, $5\frac{3}{4} \times 3$ "
Face plate, $8 \times 1\frac{3}{4}$ ".

Note.—In conjunction with this Lock we recommend that doors should be hung with our special Double Action Spring Hinge, (no blanks.) See Nos. PHS 2844 and PHS 2845 below. These can be regulated to a nicety.

No. PHS 5410 (Reg.)

Scale approx. half size.
Lock Handle to suit Upright
Mortice Lock PHS 5381 or any
similar type. Size 11" x 2"
Handle and Plate made in one
casting.

No. PHS 500

Scale approx. half size.
Regd. Number 722597

Lock Handle to suit Upright
Mortice Lock PHS 5381 or any
similar type. Size $13\frac{1}{2}'' \times 2\frac{3}{16}''$

Points in Favour of the "FORWARD" CLASS ROOM LOCK.

1. Doors open in or out.
2. Allows for shrinking or swelling of wood.
3. Door brought quickly to centre.
4. No jarring noise in action.
5. Door held securely, no rattling.
6. Not affected by slight dropping of door.

FINISHES :

M.I., Malleable Iron B.B. Finish ; P.B., Polished Brass ; C.B. & R., Copper Bronzed and Relieved ; B.M.A., Bronze Metal Antique ; and O.S., Oxidise Silvered.

No. PHS 5381

(Registered) "Forward" Double Action Class Room Door Lock, as illustrated and described 22/- each.

No. PHQ 400

[illegible]

No. PHS 401
EXTRAS

For Ordinary full rebating, 12/3 each; For half-rebating, 3/6 each; for " Tee " Section Rebating, 14/- each; for Solid Rebating, 9/8 to 15/9 each, according to size and specification; for " Dovetail " Rebating, 17/6 each; for Moulded Rebating, approximately 22/9 each; Prices vary according to section of rebate.

EXTRAS :

22/9 each; Prices vary according to section of rebate.
For Suiting and differing in quantities, **1/9** each. **Extra Keys.**—Ordinary **1/4** each; Sub Master **4/6** each; Grand Master **6/6** each.

For Suiting and differing in quantities, **1/9** each. **Extra Keys.**—Ordinary **1/4** each; Sub Master, **4/6** each; Grand Master, **6/3** each.

No. PHS*5410

Mortice Lock Handles ... M.I., 7/- pair; P.B., 18/6 pair; C.B. & R., 19/4 pair; B.M.A., 21/- pair; O.S., 24/6 pair.

No. PHS*500

Mortice Latch Handles	...	6/9	...	17/6	...	18/6	...	25/6	...	26/3
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No. PHS*5418

[illegible]

No. PHS*501
No. PHS 2844

Bommer Double Action Spring Hinges, Planished Steel Japanned, 5", 15/6 pair; 6" 19/- pair; 7" 21/6 pair; 8" 25/6 pair; 9" 29/6 pair; 10" 33/6 pair; 11" 37/6 pair; 12" 41/6 pair; 13" 45/6 pair; 14" 49/6 pair; 15" 53/6 pair; 16" 57/6 pair; 17" 61/6 pair; 18" 65/6 pair; 19" 69/6 pair; 20" 73/6 pair; 21" 77/6 pair; 22" 81/6 pair; 23" 85/6 pair; 24" 89/6 pair; 25" 93/6 pair; 26" 97/6 pair; 27" 101/6 pair; 28" 105/6 pair; 29" 109/6 pair; 30" 113/6 pair; 31" 117/6 pair; 32" 121/6 pair; 33" 125/6 pair; 34" 129/6 pair; 35" 133/6 pair; 36" 137/6 pair; 37" 141/6 pair; 38" 145/6 pair; 39" 149/6 pair; 40" 153/6 pair; 41" 157/6 pair; 42" 161/6 pair; 43" 165/6 pair; 44" 169/6 pair; 45" 173/6 pair; 46" 177/6 pair; 47" 181/6 pair; 48" 185/6 pair; 49" 189/6 pair; 50" 193/6 pair; 51" 197/6 pair; 52" 201/6 pair; 53" 205/6 pair; 54" 209/6 pair; 55" 213/6 pair; 56" 217/6 pair; 57" 221/6 pair; 58" 225/6 pair; 59" 229/6 pair; 60" 233/6 pair; 61" 237/6 pair; 62" 241/6 pair; 63" 245/6 pair; 64" 249/6 pair; 65" 253/6 pair; 66" 257/6 pair; 67" 261/6 pair; 68" 265/6 pair; 69" 269/6 pair; 70" 273/6 pair; 71" 277/6 pair; 72" 281/6 pair; 73" 285/6 pair; 74" 289/6 pair; 75" 293/6 pair; 76" 297/6 pair; 77" 301/6 pair; 78" 305/6 pair; 79" 309/6 pair; 80" 313/6 pair; 81" 317/6 pair; 82" 321/6 pair; 83" 325/6 pair; 84" 329/6 pair; 85" 333/6 pair; 86" 337/6 pair; 87" 341/6 pair; 88" 345/6 pair; 89" 349/6 pair; 90" 353/6 pair; 91" 357/6 pair; 92" 361/6 pair; 93" 365/6 pair; 94" 369/6 pair; 95" 373/6 pair; 96" 377/6 pair; 97" 381/6 pair; 98" 385/6 pair; 99" 389/6 pair; 100" 393/6 pair; 101" 397/6 pair; 102" 401/6 pair; 103" 405/6 pair; 104" 409/6 pair; 105" 413/6 pair; 106" 417/6 pair; 107" 421/6 pair; 108" 425/6 pair; 109" 429/6 pair; 110" 433/6 pair; 111" 437/6 pair; 112" 441/6 pair; 113" 445/6 pair; 114" 449/6 pair; 115" 453/6 pair; 116" 457/6 pair; 117" 461/6 pair; 118" 465/6 pair; 119" 469/6 pair; 120" 473/6 pair; 121" 477/6 pair; 122" 481/6 pair; 123" 485/6 pair; 124" 489/6 pair; 125" 493/6 pair; 126" 497/6 pair; 127" 501/6 pair; 128" 505/6 pair; 129" 509/6 pair; 130" 513/6 pair; 131" 517/6 pair; 132" 521/6 pair; 133" 525/6 pair; 134" 529/6 pair; 135" 533/6 pair; 136" 537/6 pair; 137" 541/6 pair; 138" 545/6 pair; 139" 549/6 pair; 140" 553/6 pair; 141" 557/6 pair; 142" 561/6 pair; 143" 565/6 pair; 144" 569/6 pair; 145" 573/6 pair; 146" 577/6 pair; 147" 581/6 pair; 148" 585/6 pair; 149" 589/6 pair; 150" 593/6 pair; 151" 597/6 pair; 152" 601/6 pair; 153" 605/6 pair; 154" 609/6 pair; 155" 613/6 pair; 156" 617/6 pair; 157" 621/6 pair; 158" 625/6 pair; 159" 629/6 pair; 160" 633/6 pair; 161" 637/6 pair; 162" 641/6 pair; 163" 645/6 pair; 164" 649/6 pair; 165" 653/6 pair; 166" 657/6 pair; 167" 661/6 pair; 168" 665/6 pair; 169" 669/6 pair; 170" 673/6 pair; 171" 677/6 pair; 172" 681/6 pair; 173" 685/6 pair; 174" 689/6 pair; 175" 693/6 pair; 176" 697/6 pair; 177" 701/6 pair; 178" 705/6 pair; 179" 709/6 pair; 180" 713/6 pair; 181" 717/6 pair; 182" 721/6 pair; 183" 725/6 pair; 184" 729/6 pair; 185" 733/6 pair; 186" 737/6 pair; 187" 741/6 pair; 188" 745/6 pair; 189" 749/6 pair; 190" 753/6 pair; 191" 757/6 pair; 192" 761/6 pair; 193" 765/6 pair; 194" 769/6 pair; 195" 773/6 pair; 196" 777/6 pair; 197" 781/6 pair; 198" 785/6 pair; 199" 789/6 pair; 200" 793/6 pair; 201" 797/6 pair; 202" 801/6 pair; 203" 805/6 pair; 204" 809/6 pair; 205" 813/6 pair; 206" 817/6 pair; 207" 821/6 pair; 208" 825/6 pair; 209" 829/6 pair; 210" 833/6 pair; 211" 837/6 pair; 212" 841/6 pair; 213" 845/6 pair; 214" 849/6 pair; 215" 853/6 pair; 216" 857/6 pair; 217" 861/6 pair; 218" 865/6 pair; 219" 869/6 pair; 220" 873/6 pair; 221" 877/6 pair; 222" 881/6 pair; 223" 885/6 pair; 224" 889/6 pair; 225" 893/6 pair; 226" 897/6 pair; 227" 901/6 pair; 228" 905/6 pair; 229" 909/6 pair; 230" 913/6 pair; 231" 917/6 pair; 232" 921/6 pair; 233" 925/6 pair; 234" 929/6 pair; 235" 933/6 pair; 236" 937/6 pair; 237" 941/6 pair; 238" 945/6 pair; 239" 949/6 pair; 240" 953/6 pair; 241" 957/6 pair; 242" 961/6 pair; 243" 965/6 pair; 244" 969/6 pair; 245" 973/6 pair; 246" 977/6 pair; 247" 981/6 pair; 248" 985/6 pair; 249" 989/6 pair; 250" 993/6 pair; 251" 997/6 pair; 252" 1001/6 pair; 253" 1005/6 pair; 254" 1009/6 pair; 255" 1013/6 pair; 256" 1017/6 pair; 257" 1021/6 pair; 258" 1025/6 pair; 259" 1029/6 pair; 260" 1033/6 pair; 261" 1037/6 pair; 262" 1041/6 pair; 263" 1045/6 pair; 264" 1049/6 pair; 265" 1053/6 pair; 266" 1057/6 pair; 267" 1061/6 pair; 268" 1065/6 pair; 269" 1069/6 pair; 270" 1073/6 pair; 271" 1077/6 pair; 272" 1081/6 pair; 273" 1085/6 pair; 274" 1089/6 pair; 275" 1093/6 pair; 276" 1097/6 pair; 277" 1101/6 pair; 278" 1105/6 pair; 279" 1109/6 pair; 280" 1113/6 pair; 281" 1117/6 pair; 282" 1121/6 pair; 283" 1125/6 pair; 284" 1129/6 pair; 285" 1133/6 pair; 286" 1137/6 pair; 287" 1141/6 pair; 288" 1145/6 pair; 289" 1149/6 pair; 290" 1153/6 pair; 291" 1157/6 pair; 292" 1161/6 pair; 293" 1165/6 pair; 294" 1169/6 pair; 295" 1173/6 pair; 296" 1177/6 pair; 297" 1181/6 pair; 298" 1185/6 pair; 299" 1189/6 pair; 300" 1193/6 pair; 301" 1197/6 pair; 302" 1201/6 pair; 303" 1205/6 pair; 304" 1209/6 pair; 305" 1213/6 pair; 306" 1217/6 pair; 307" 1221/6 pair; 308" 1225/6 pair; 309" 1229/6 pair; 310" 1233/6 pair; 311" 1237/6 pair; 312" 1241/6 pair; 313" 1245/6 pair; 314" 1249/6 pair; 315" 1253/6 pair; 316" 1257/6 pair; 317" 1261/6 pair; 318" 1265/6 pair; 319" 1269/6 pair; 320" 1273/6 pair; 321" 1277/6 pair; 322" 1281/6

No. PHS 2844
No. PHS 2845

*Those marked with an asterisk stocked only in Malleable Iron, Polished Brass and B.M.A.

*Those marked with an asterisk stocked only in Malleable Iron, Polished Brass and B.M.A.

Extra for Chromium Plating, Stainless :
Striking Plate, 1/6 ; Lock Fore-end, 3/-; Handles, 7/6 each nett.

"B" Basis.

PHS—Stock Line ; PHQ—Quick delivery.

The "SECURITIES" Patent Hotel Mortice Lock.

Specially adapted for "Suited Work" where security and privacy are essential. Scale Two-thirds full size.

The particular attention of Hotel Proprietors, Architects, and others, who require absolute Security for their rooms, is called to these "Securities" Mortice Locks. They are "differed" as regards the levers and pins, and no ordinary key can be altered to pass another lock, but at the same time any sub-master key will double lock any door on its particular floor, so that the proper ordinary key will not unlock it (this is in case any particular room requires locking up for some reason); or this sub-master key will unlock any door on its floor, so that the room can be inspected.

The Grand Master Key will open or double lock any room in the building, thus giving access or privacy at any time.

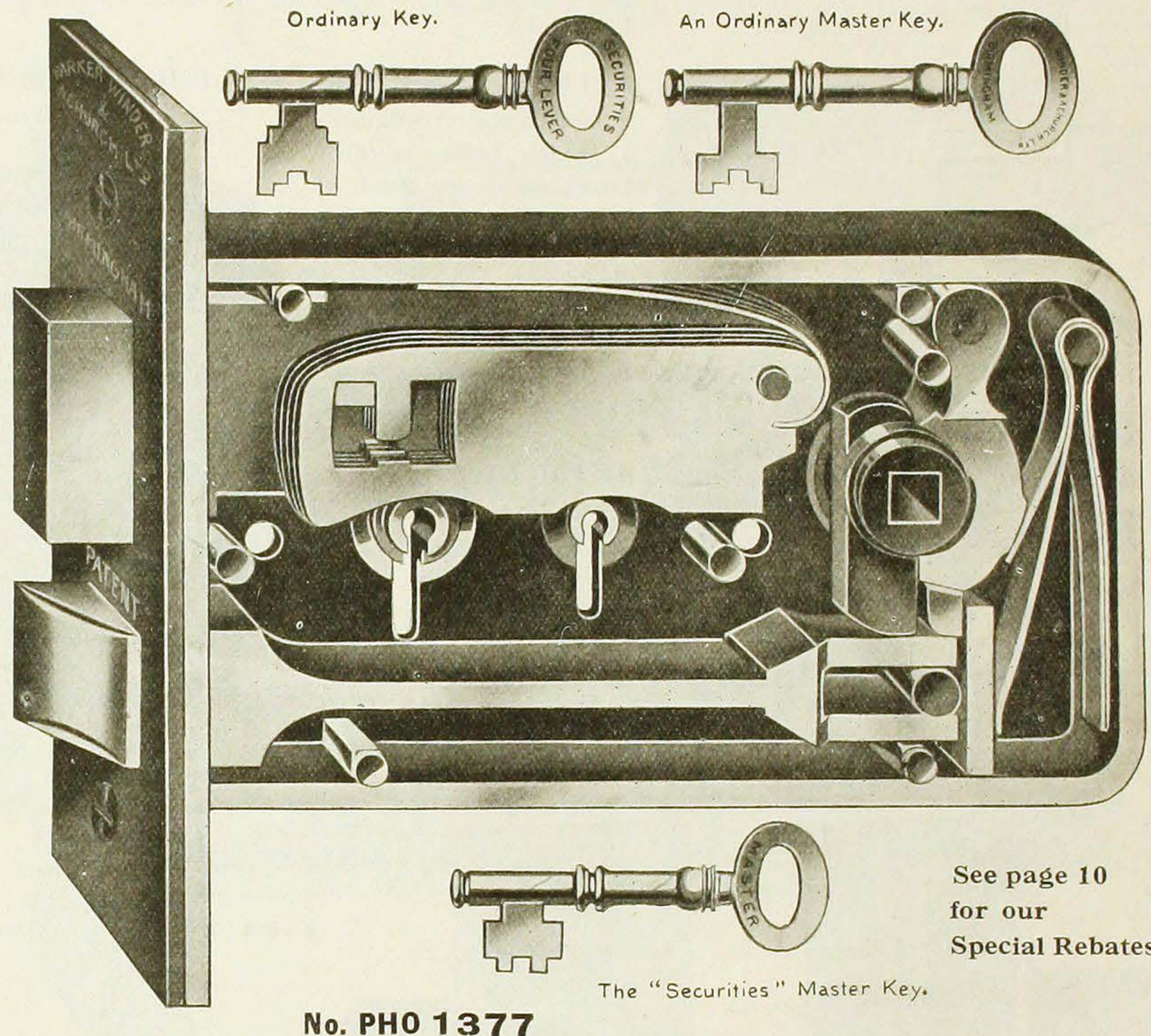
These Locks are also fitted with our patent Direct Action Latch Bolt, ensuring least possible friction, and so greatly increasing its durability. The Improved Springs allow the Door to close with the greatest ease, yet maintain a strong, firm action to the Handles or Knobs.

No. PHO 1377 6" Four-Lever "Securities" Patent Mortice Lock, steel case, gun-metal bolts and fittings, patent direct action, two key-holes, including differing and mastership, 43/9 each.

No. PHO 1398 As above but with all brass case, 52/6 each.

Extras :—Rebating over 6" plain front Mortice Locks.
Half rebating, No. PHO 530 ... 3/6 each lock.
Ordinary full rebating No. PHO 531 14/- " "
Tee Section full rebating,
No. PHO 532 ... 15/9 " "
Solid rebating, No. PHO 533 ... 14/- " "
Dovetail rebating, No. PHO 534 15/9 " "
Moulded rebating, No. PHO 535 Price according to section of mould.

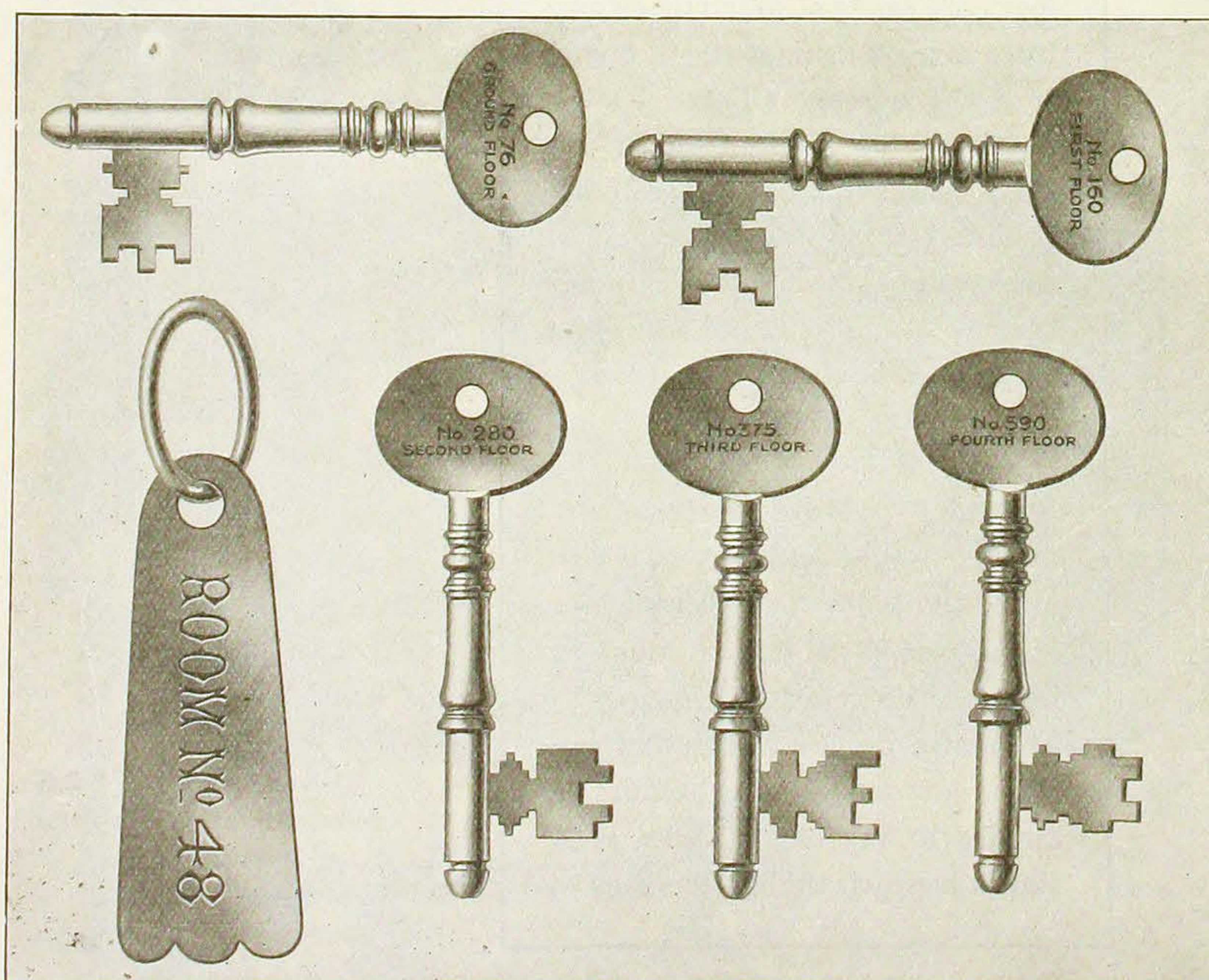
Extra Keys : Ordinary No. PHO 550 1/9 each.
Sub-Master Keys,
No. PHO 551 ... 5/3 " "
Grand Master Keys,
No. PHO 552 ... 7/- " "



See page 10
for our
Special Rebates.

No. PHO 1377

Examples of "SECURITIES" Hotel Keys.



The Doors in an Hotel are numbered somewhat in this manner :—

Basement and Ground Floor,
No. 1 and upwards.

First Floor, No. 150 and upwards.

Second Floor, No. 250 and so on.

All the Locks on the several Floors are passed by their Respective Sub-Master Keys, which are the same in size as the Manager's Grand Master Key which is the only key to the whole building.

Hotel Keys, solid bow
(not engraved).

No. PHO 553 ... 1/9 each.

Extra for engraving keys with number and floor (all odd Nos. and names), 1/- per dozen letters and figures.

These "Securities" Hotel Keys differ both in the wards, levers and thickness of pins, and it is quite impossible to change one into another.

Steel Hotel Key Ring and Brass Tablet (as illustrated), with "Floor" and "Room" Number engraved on one side, name and address on the other side.

No. PHO 554

Without engraving ... 3/3 each.
Extra for engraving 1/9 per dozen letters or figures.



Ordinary Trefoil Bow Keys.

No. PHO 557 2/8 each.

Trefoil Bow Master Keys.

No. PHO 558 6/3 each.
These Trefoil Bow Keys are also suitable for inexpensive **Presentation Keys**, Approximately 4" long.

No. PHO 555
9ct. gold, £12 0 0

No. PHO 556
Silver Gilt, £2 10 0
Prices include
Presentation Case.

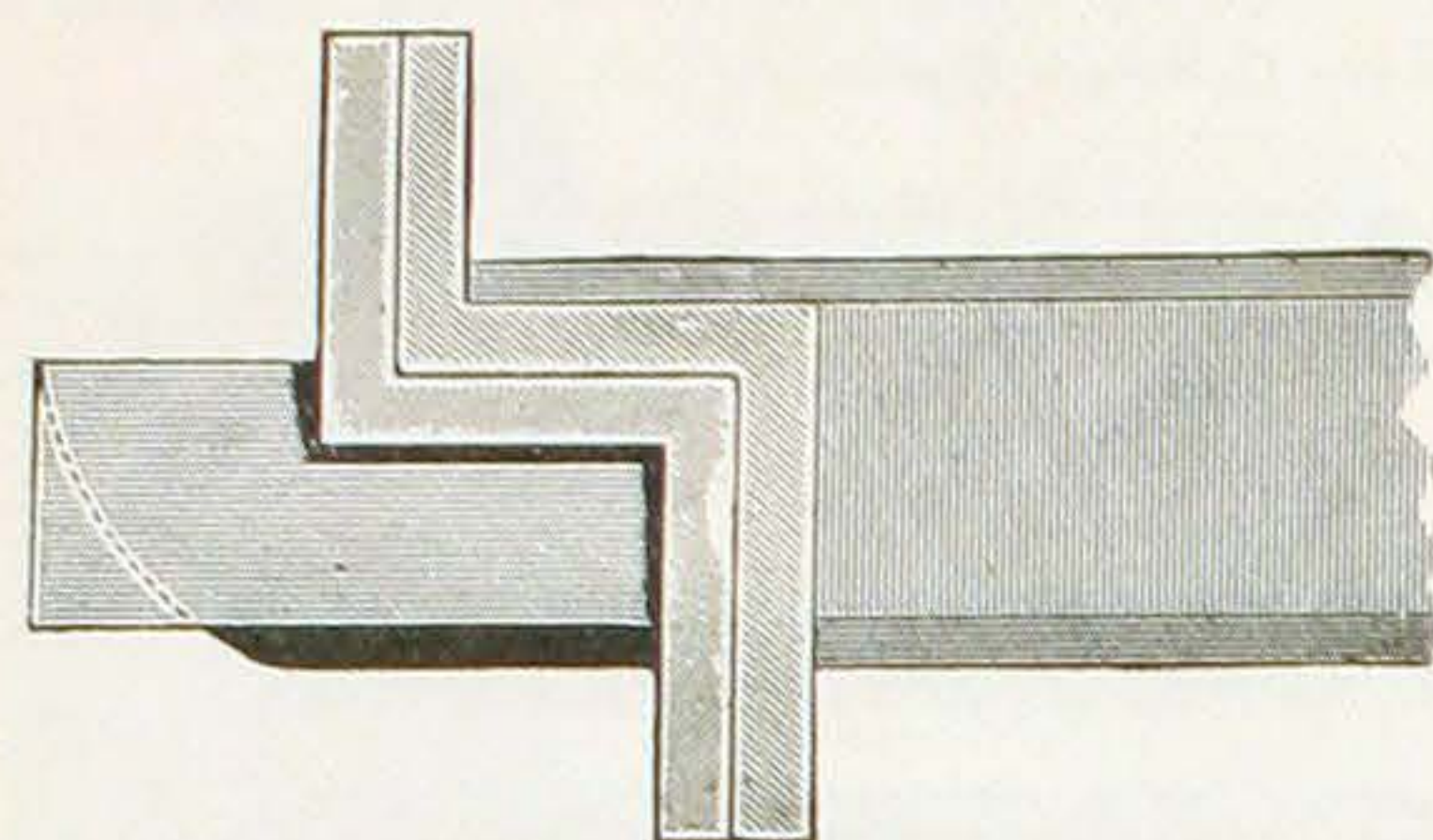
Extras to
Nos. PHO 555-558.
If made to pass existing
lock, 7/- extra.

Inscription, per dozen
letters, 1/6 extra.

Further Presentation
Keys are shown on page 44
and coloured insert
facing it.

Ordinary and Improved Rebates for Mortice Locks

Examples of Ordinary Rebates



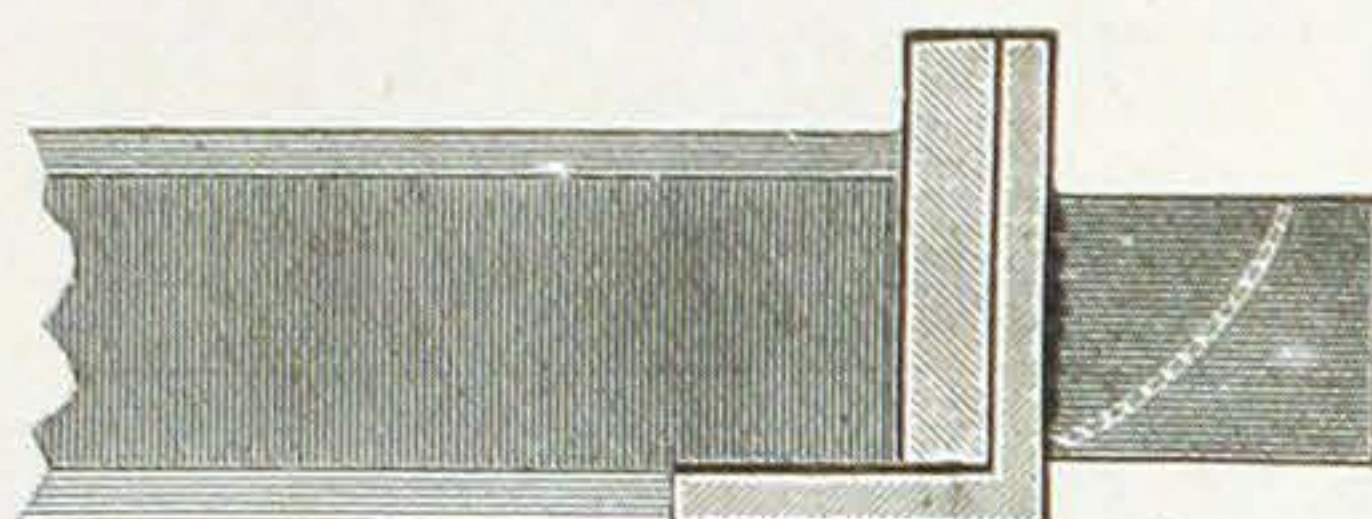
Section of Ordinary Full Rebate, left-hand.

EXTRAS for half and full rebating over ordinary 6" plain front Mortice Locks.

Ordinary full-rebating as illustrated.

No. PHO 520

10/6 per lock.



Section of Half Rebate, right-hand.

Half rebating, as illustrated.

No. PHO 521

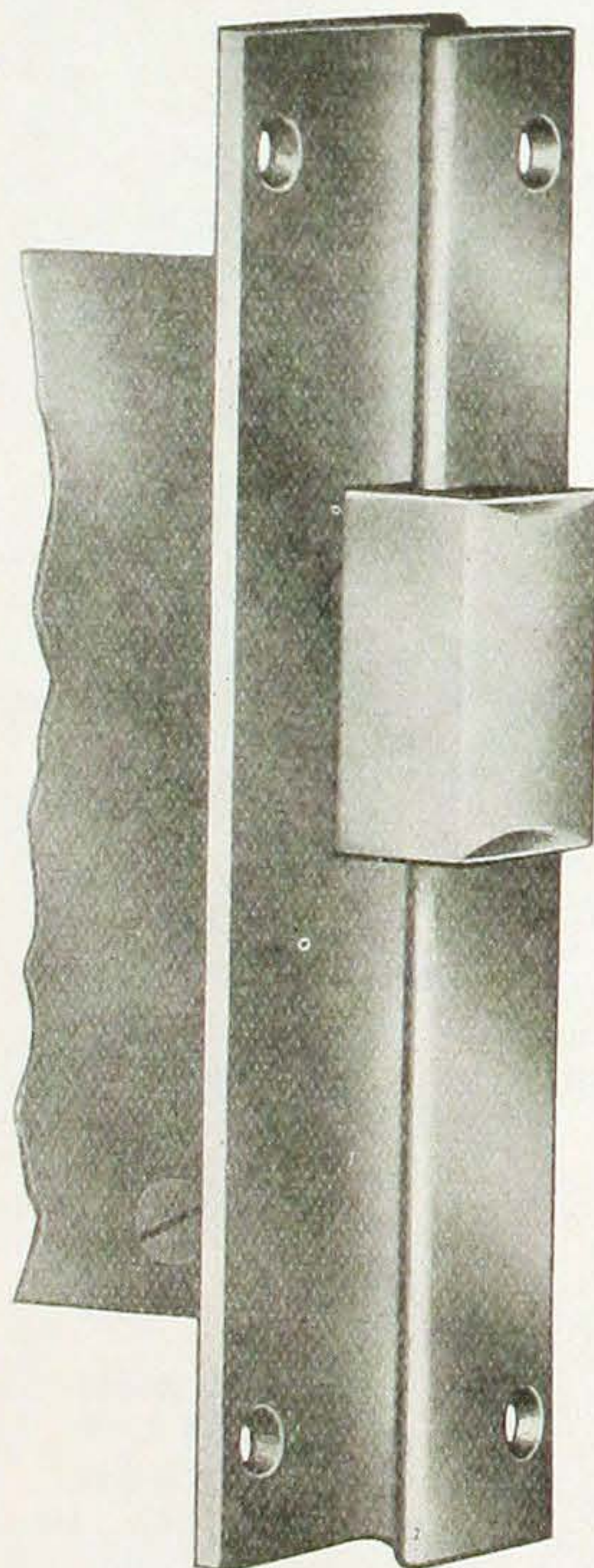
2/8 per lock.

Examples of Improved Rebates

"FORWARD"

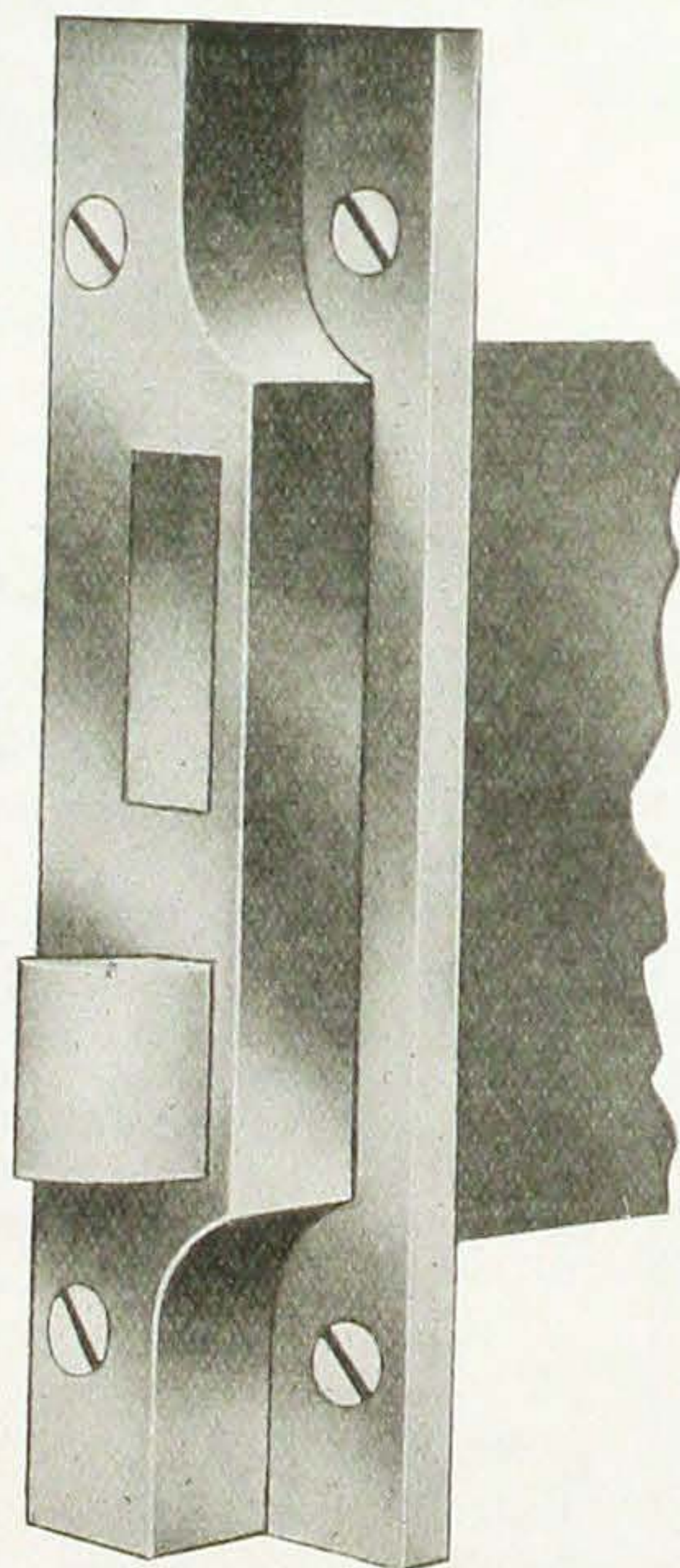
MOULDED REBATE.

SOLID REBATE.



Section of Striking Plate. Prices vary according to size, specification and section of rebate.

Approximate Price,
No. PHO 523 21/- each.



Extra for Solid Rebating
No. PHO 524 over ordinary plain front Mortice Locks.

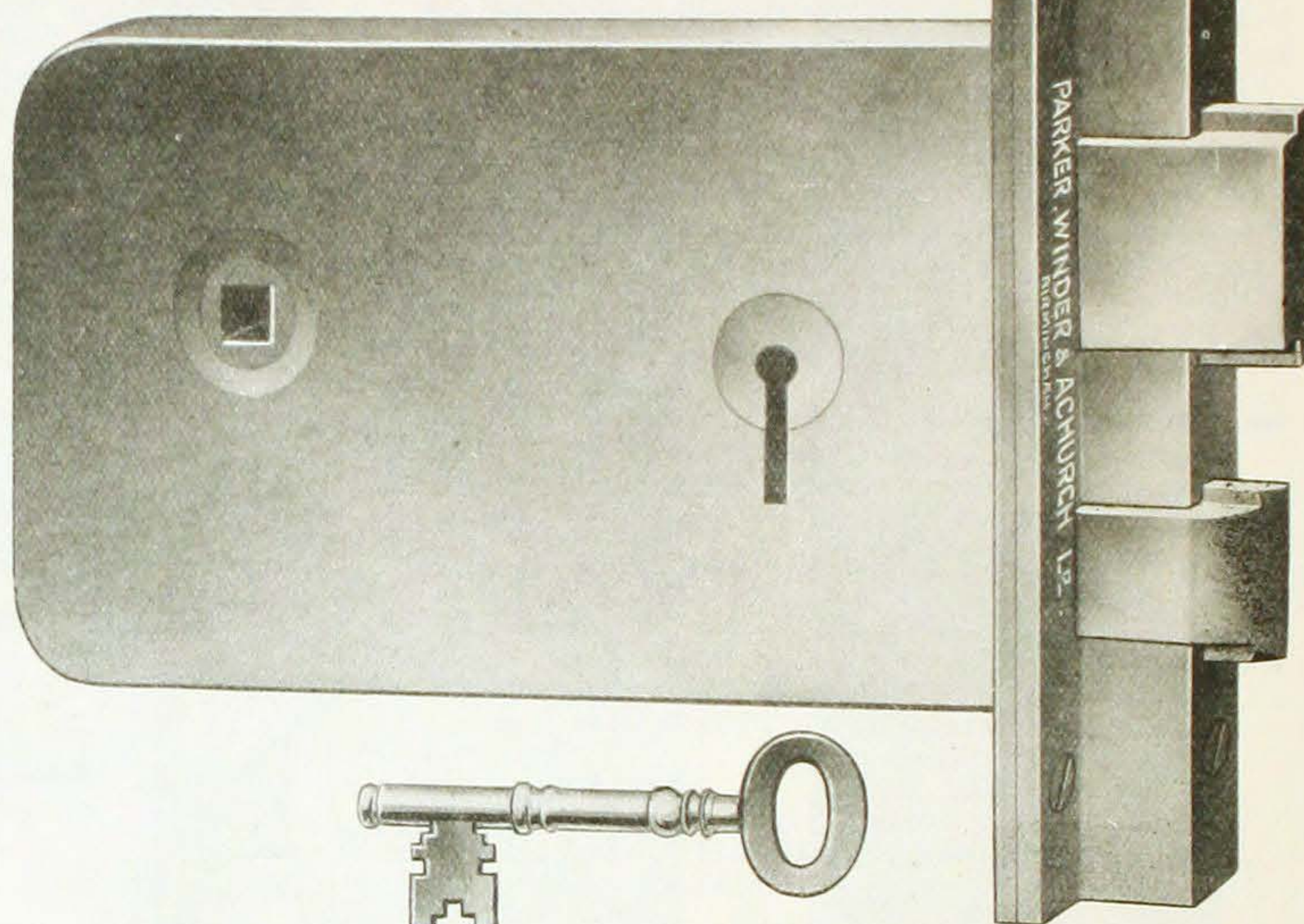
8/- to 14/- each lock, according to size and specification.

MOULDED REBATE.

Detail of Moulding is required for execution of orders.

THE "TEE SECTION" REBATE.

Reg. No. 626899.



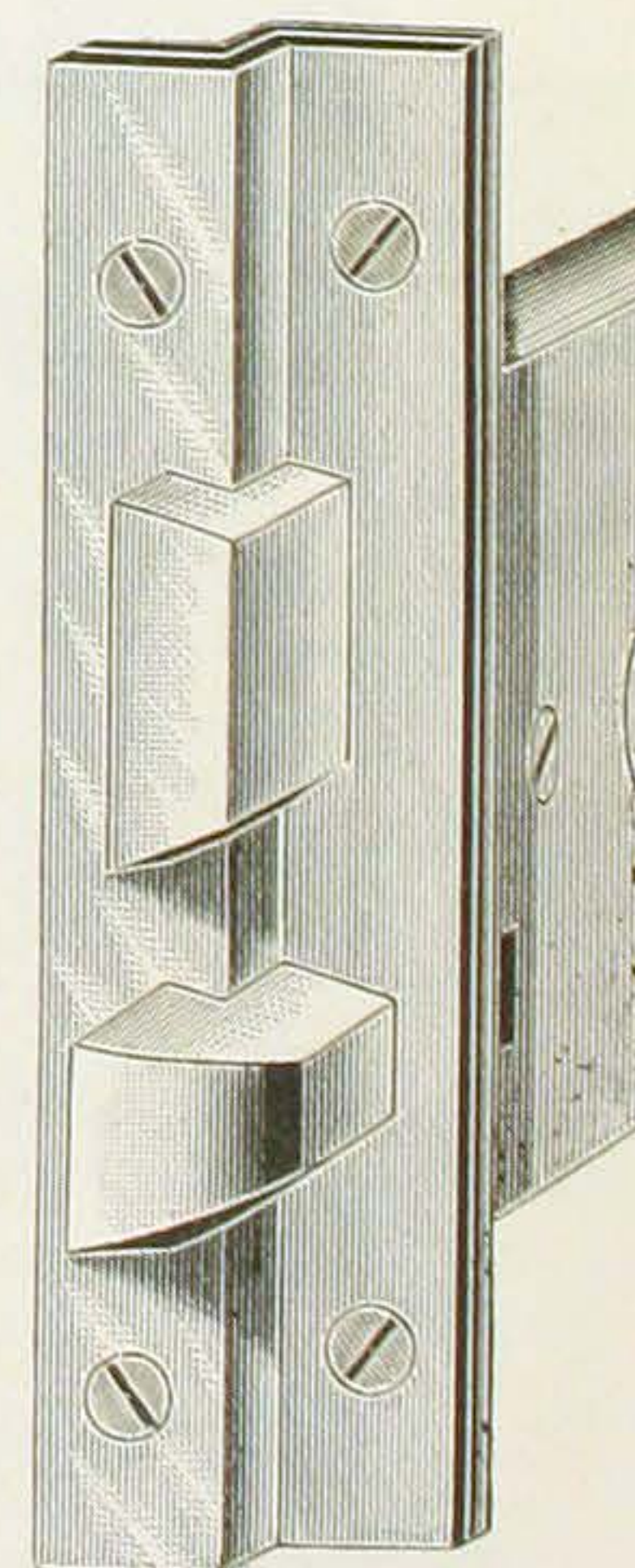
Extra for Tee Section rebating **No. PHO 522** over ordinary 6" plain front Mortice Locks
12/6 each lock.

IMPORTANT NOTE.

The bolts of ordinary rebated locks are easily strained when any force is used against them, owing to extra leverage allowed by the depth of the rebate, and if the locks are made with the bolts behind the rebate, as is often done, they cannot fix in centre of door, thus weakening it and affording little hold for the screws of knobs or handles. These objections are entirely overcome by the "Tee Section," "Dovetail Rebate" or the "Solid Rebate," which make the bolts of a rebated lock equally as strong as a plain or non-rebated one.

The extra cost of either of these forms of rebate which can be applied to any of our locks, is as stated beneath the illustrations.

DOVETAIL REBATE.



Extra for "Dovetail" Rebating **No. PHO 525** over ordinary plain front Mortice Locks.
15/9 each lock.

The "FORWARD" Mortice Locks, with Patent Direct Action.

The Patent Direct Action allows the door to be closed with the least possible wear and tear on the lock. It will be noted that in closing the door ONLY the latch bolt and springs are moved, no other working parts being affected.

No. PHS 1376 "FORWARD" Patent best quality Mortice Lock, two-lever, hand-made, all brass case, gun-metal bushes and fittings, steel follower, patent direct action, ensuring least possible friction, 6", 26/3 each.

No. PHS 1375 All as above, but steel case instead of brass, 6", 19/3 each.

No. PHO 1374 All as above, with brass fittings (viz., bolts, crank and levers), 6", 17/6 each.

EXTRAS TO ABOVE LOCKS.

Differing in quantities and to pass Master Key, 1/9 each extra.

Half Rebating, 2/9 each extra.

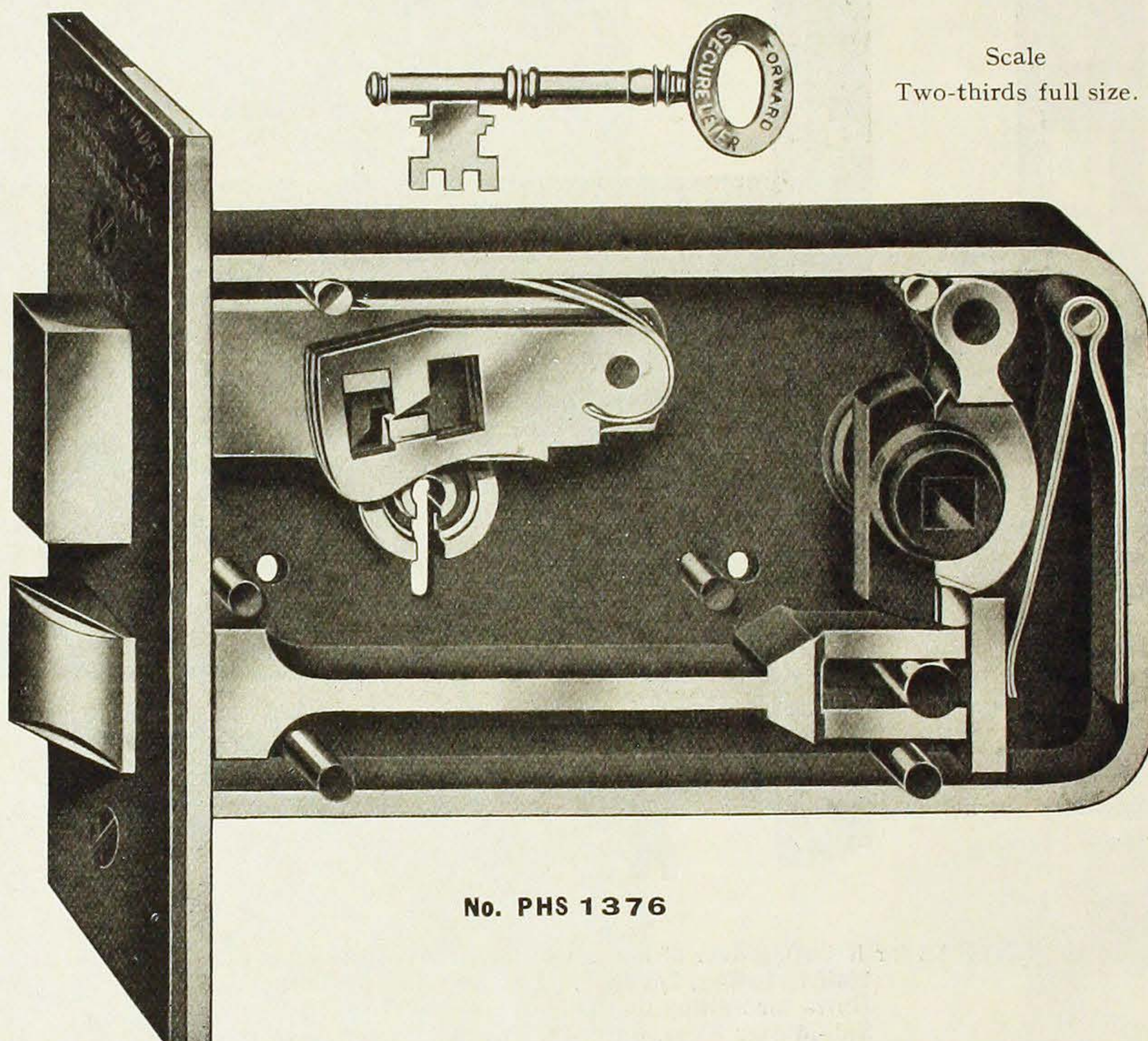
Full Rebating, 12/3 each extra.

Tee Section Rebating, 14/- each extra.

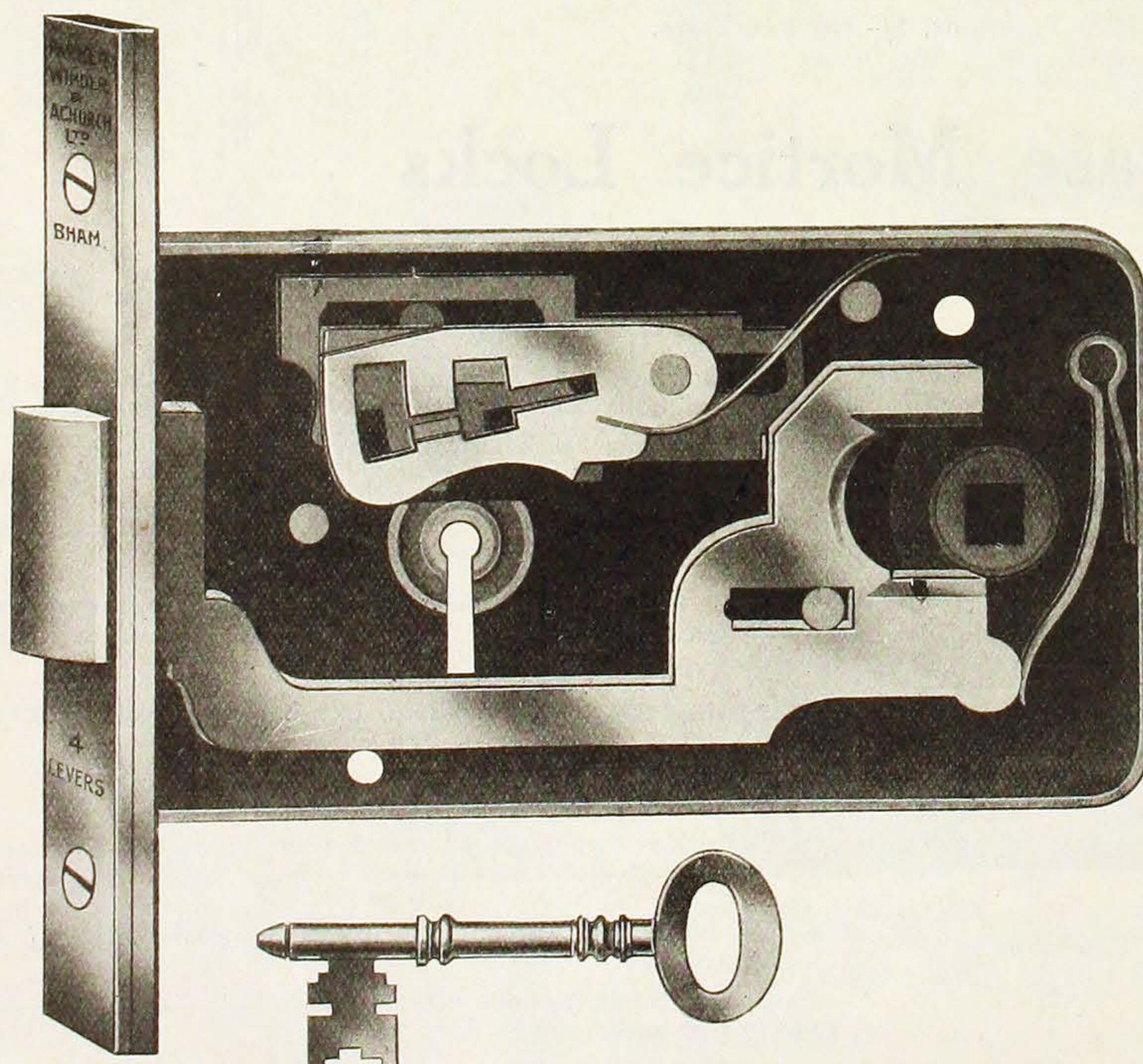
Master Keys, 4/6 each extra;

Grand Master Keys, 6/3 each extra.

If supplied with Roller Bolt (gun-metal roller) 2/9 each extra.



No. PHS 1376



Hotel Bedroom Mortice Locks

These Locks open with key ONLY from the outside, and key and knob from the inside.

No. PHO 5370 Best quality, two-lever, one brass bolt, 6", 13/9 each.

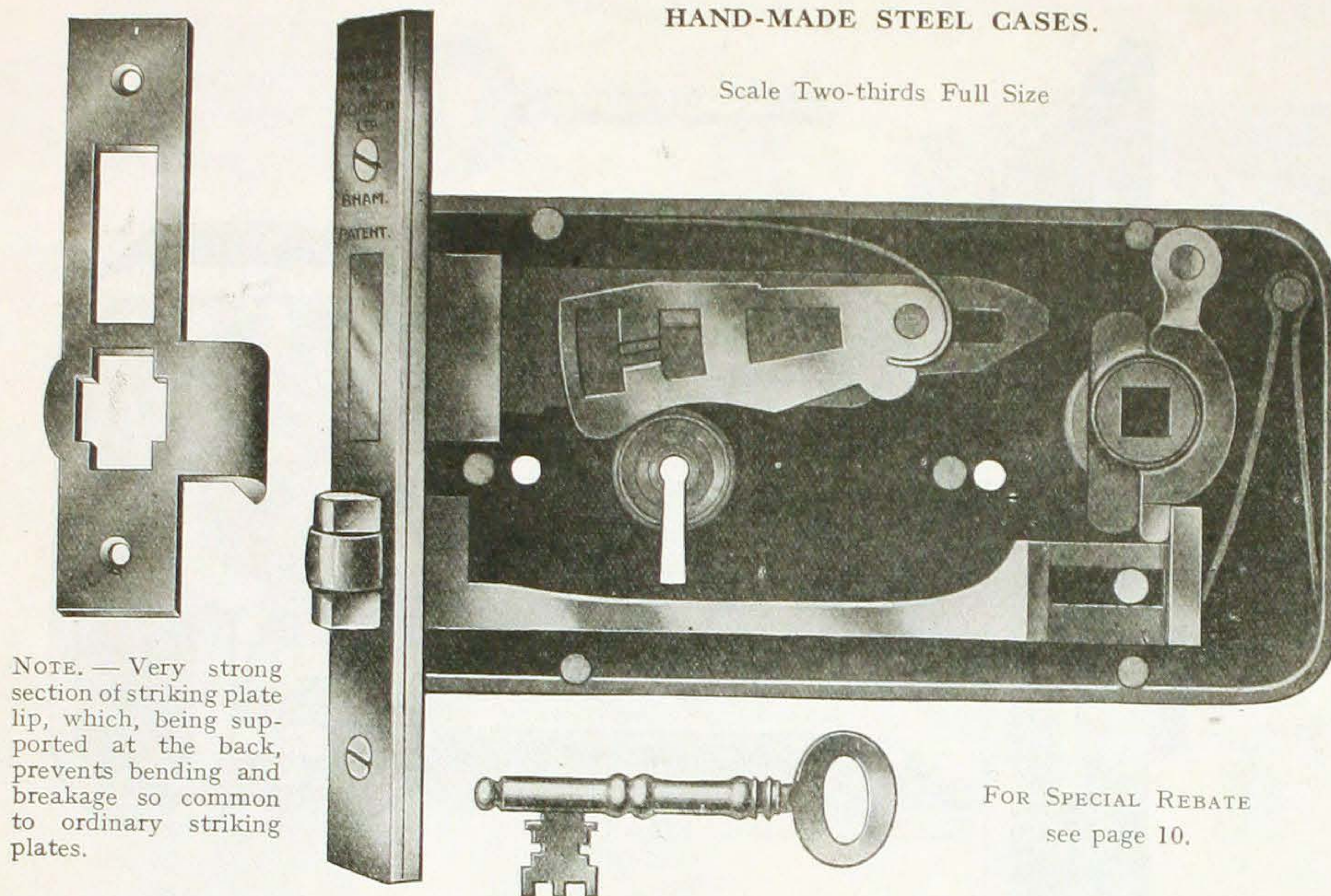
No. PHO 9119 Best quality, four-lever, one brass bolt, 6", 16/9 each.

The "FORWARD" Mortice Locks, with Patent Direct Action.

These Locks are very strong and secure, and have been adopted largely (in conjunction with our "Forward" Patent Furniture), for Public Buildings, Hospitals, Hotels, etc., in competition with all makes, on merit alone. All Latch Bolts reversible.

HAND-MADE STEEL CASES.

Scale Two-thirds Full Size



NOTE. — Very strong section of striking plate lip, which, being supported at the back, prevents bending and breakage so common to ordinary striking plates.

FOR SPECIAL REBATE
see page 10.

EXTRAS for Rebating over 6" ordinary plain front Mortice Locks. Any of the Nos. mentioned.
Half Rebating, 2/8 each. Ordinary full Rebating, 10/6 each. Tee Section Rebating, 12/3 each.
Extra for Suiting and Differing in quantities, 1/9 each.
Sub-Master Keys, 4/6 each. Grand Master Keys, 6/3 each.
Phosphor Bronze Springs fitted to Nos. PHS 1357 and PHS 1356 if desired without extra charge, other Nos., 1/9 doz. extra.
Extra for B.M.A. Fore-ends, 1/- per lock extra.

No. PHS 1357 6", best quality, roller bolt, strong two-lever, hand-made, Steel Case, patent direct action, double springs, gun-metal bolts and bushes, with special striking plate as illustrated, 17/9 each.

No. PHS 3600 Mortice Lock, one bolt to lock and spring, roller bolt, two-lever, brass bolts and bushes, 14/- each.

No. PHS 3601 Mortice Lock as above, but bevel bolt, 10/6 each.

No. PHO 1358 6", best quality as above, but strong four-lever, ordinary latch bolt brass bolts and bushes, 17/- each.

No. PHS 1356 6", best quality, ordinary bolt, strong two-lever, brass bolts and bushes, 14/3 each.

Ditto, G.M. bolt, bronzed fore-ends, 15/9 each.

No. PHS 1355 Hand-made, Steel Case, two-lever ordinary brass bolts, and bushed, case only $\frac{7}{16}$ " thick. Special for thin doors, 10/9 each.

No. PHS 1354 6", strong hand-made, Steel Case, two-lever, ordinary gun-metal bolts and bushes, very good lock for ordinary use, 11/6 each.

No. PHS 1352 6", hand-made black Steel Case, $\frac{1}{2}$ " thickness, two-lever, brass bolts, palace motion, double springs, etc., 10/6 each.

Steel Case Mortice Locks

Scale Two-thirds full size.



All Latch-Bolts Reversible.

No. PHS 1347 Best quality pressed Steel Case, two-lever gun-metal bolts and bushes, direct action, double springs 8/6 each.

No. PHS 3602 6" Mortice Lock, art black Steel Case, gun-metal bolts and bushes, reversible bolt, 70/- per dozen; 6/- each.

Ditto with B.M.A. fore-ends, 78/9 per dozen; 6/9 each.

No. PHS 1346 Strong stamped Steel Case, one-lever, brass bolts, gun-metal bushed, double springs, 7/3 each.

No. PHS 1345 Japanned stamped Steel Case, brass bolts, patent steel fittings, avoiding all risk of flaws in casting, 42/- per dozen; 3/9 each.

***No. PHS 1344** Ditto, ditto, but barely $\frac{7}{16}$ " thick, for THIN DOORS, 42/- per dozen; 3/9 each.

Also please see No. PHS 1352 above.

*This Lock is used largely for thin doors instead of RIM Locks. It is the most useful and DURABLE cheap Lock in the market.

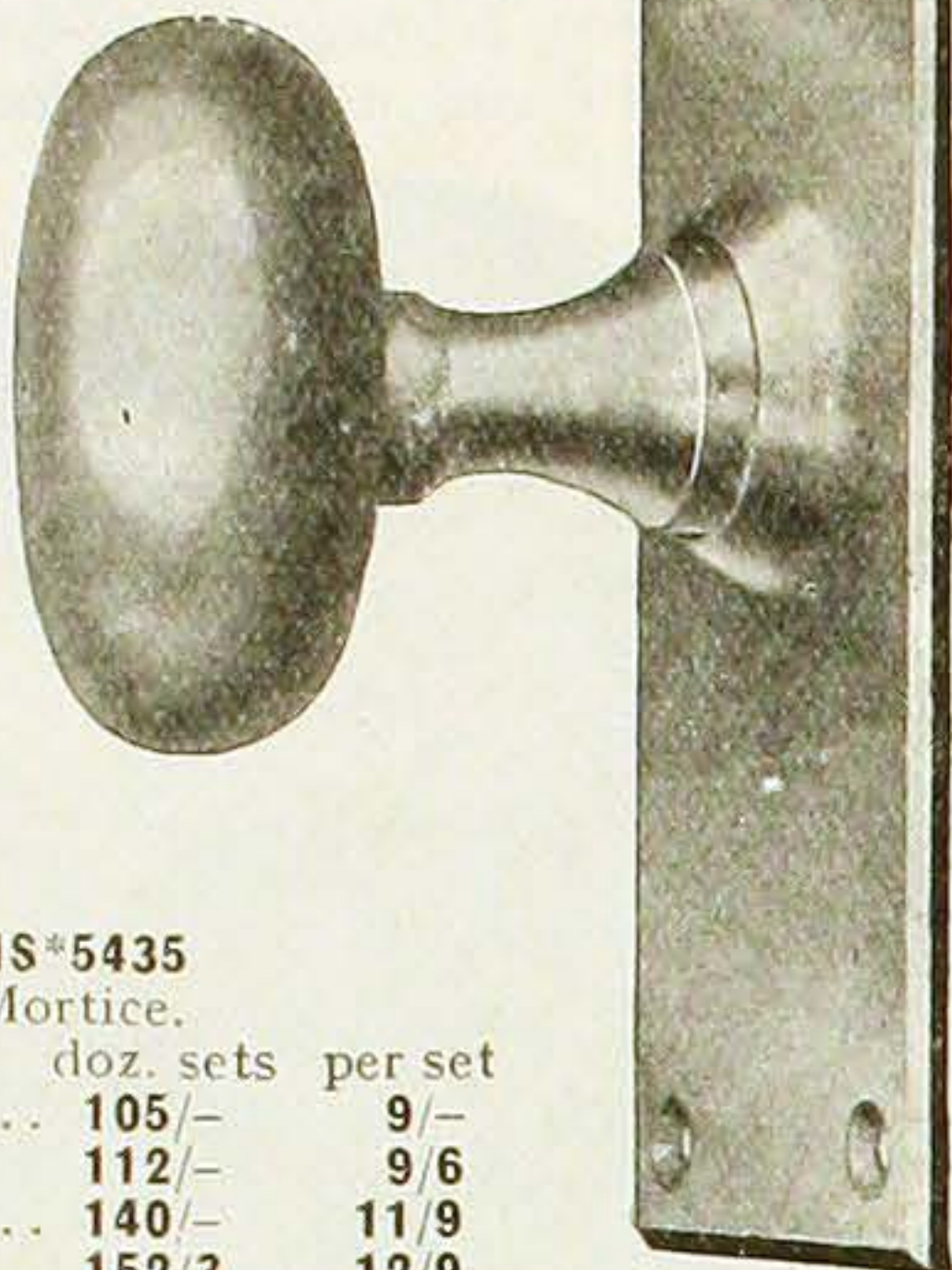
EXTRA for B.M.A. fore-ends to any of the above locks, 1/- per lock extra.

Phosphor Bronze Springs fitted to any of the above, if desired at 1/9 per dozen extra.

Complete Suite of Locks,

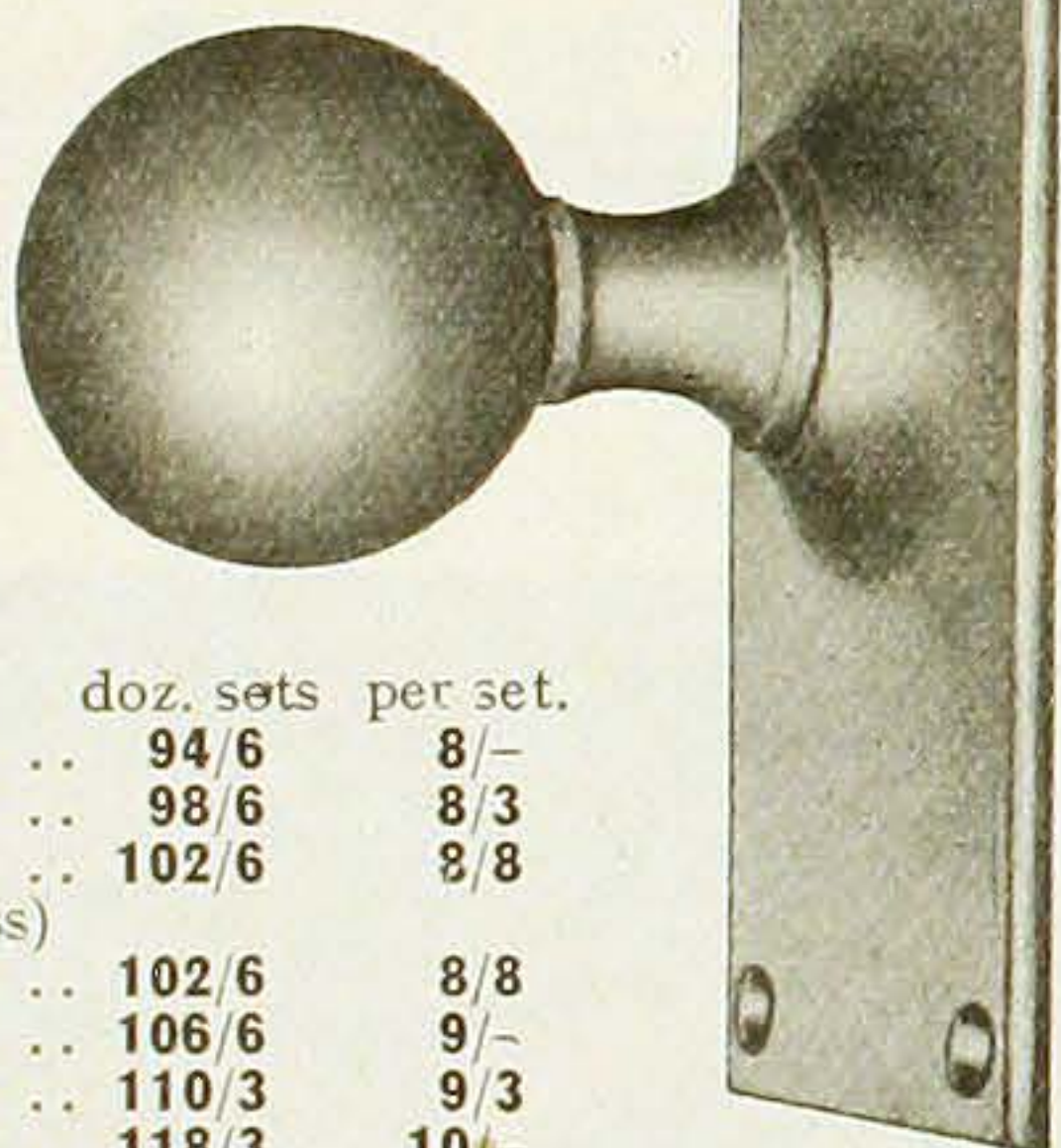
With Lock Furniture. Suitable for Hotels, Institutions, Public Buildings, etc.

No. PHS*5435
Plate 5" x 2"
Oval Knob, 2 1/2" x 1 1/2"

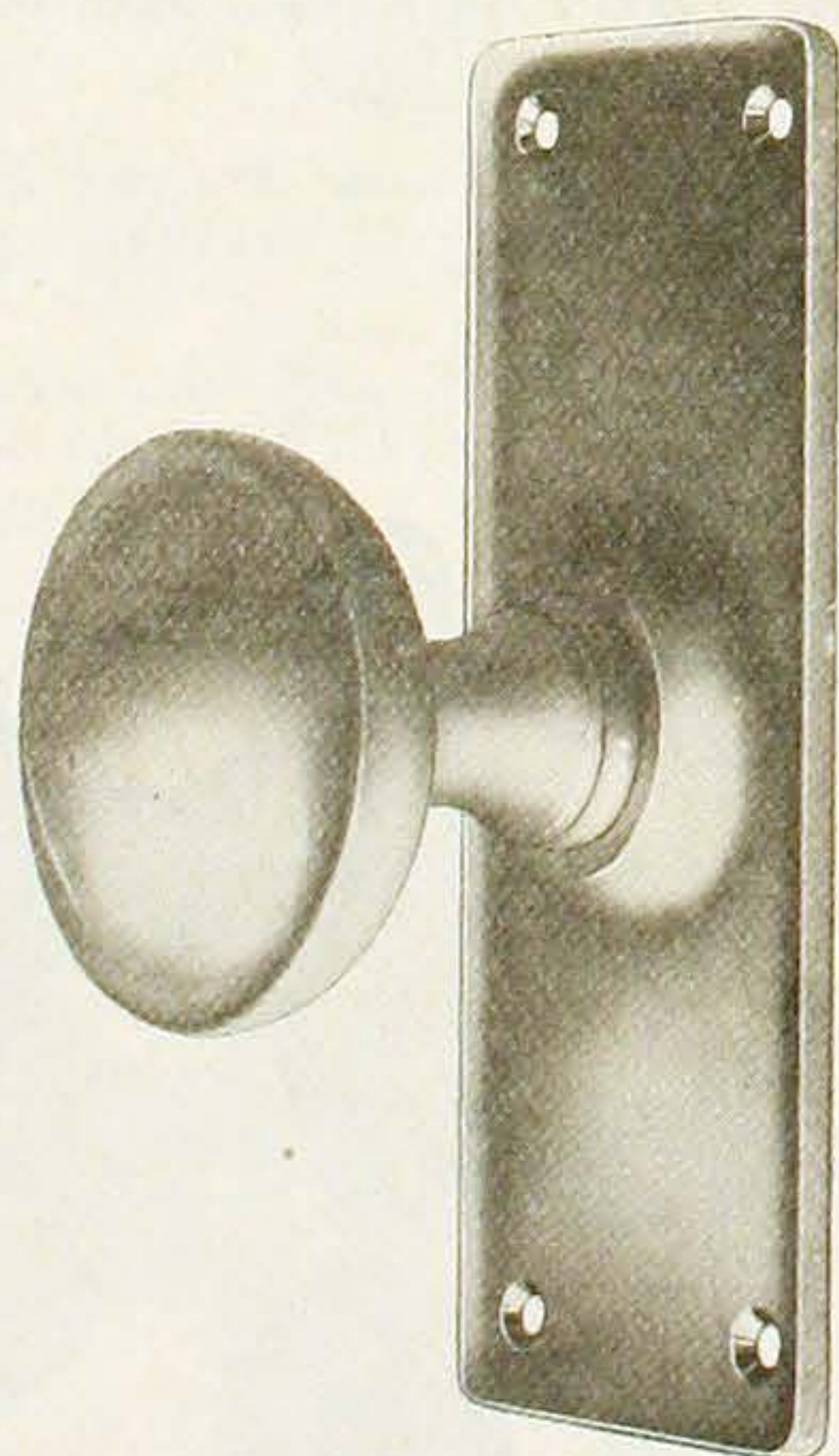


	doz. sets	per set
Brass	105/-	9/-
Brass, C. B. & R.	112/-	9/6
B.M.A.	140/-	11/9
Brass, Silver Ox.	152/3	12/9

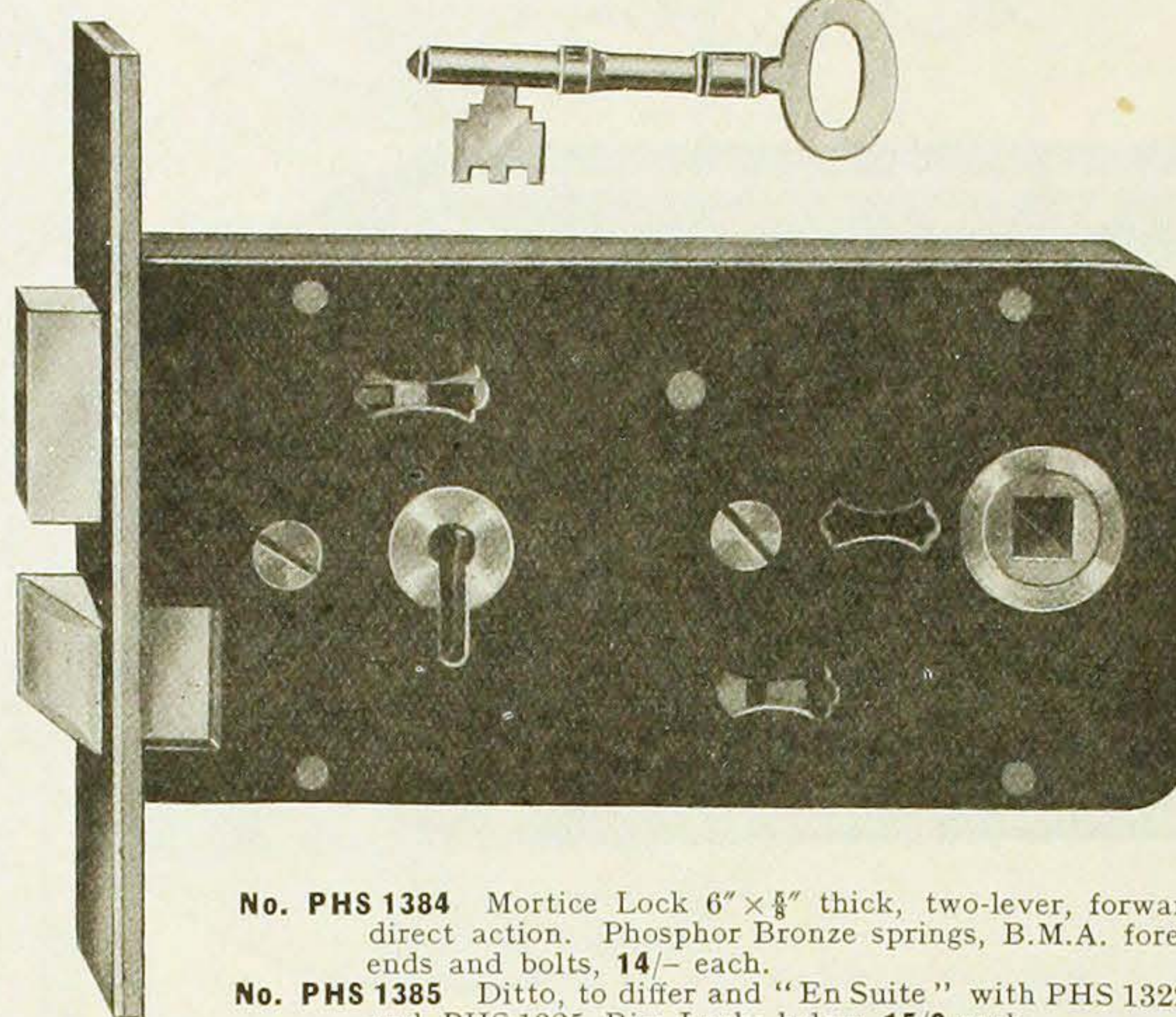
No. PHS*5436
Plate, 5" x 2"
Pitt's Mortice.



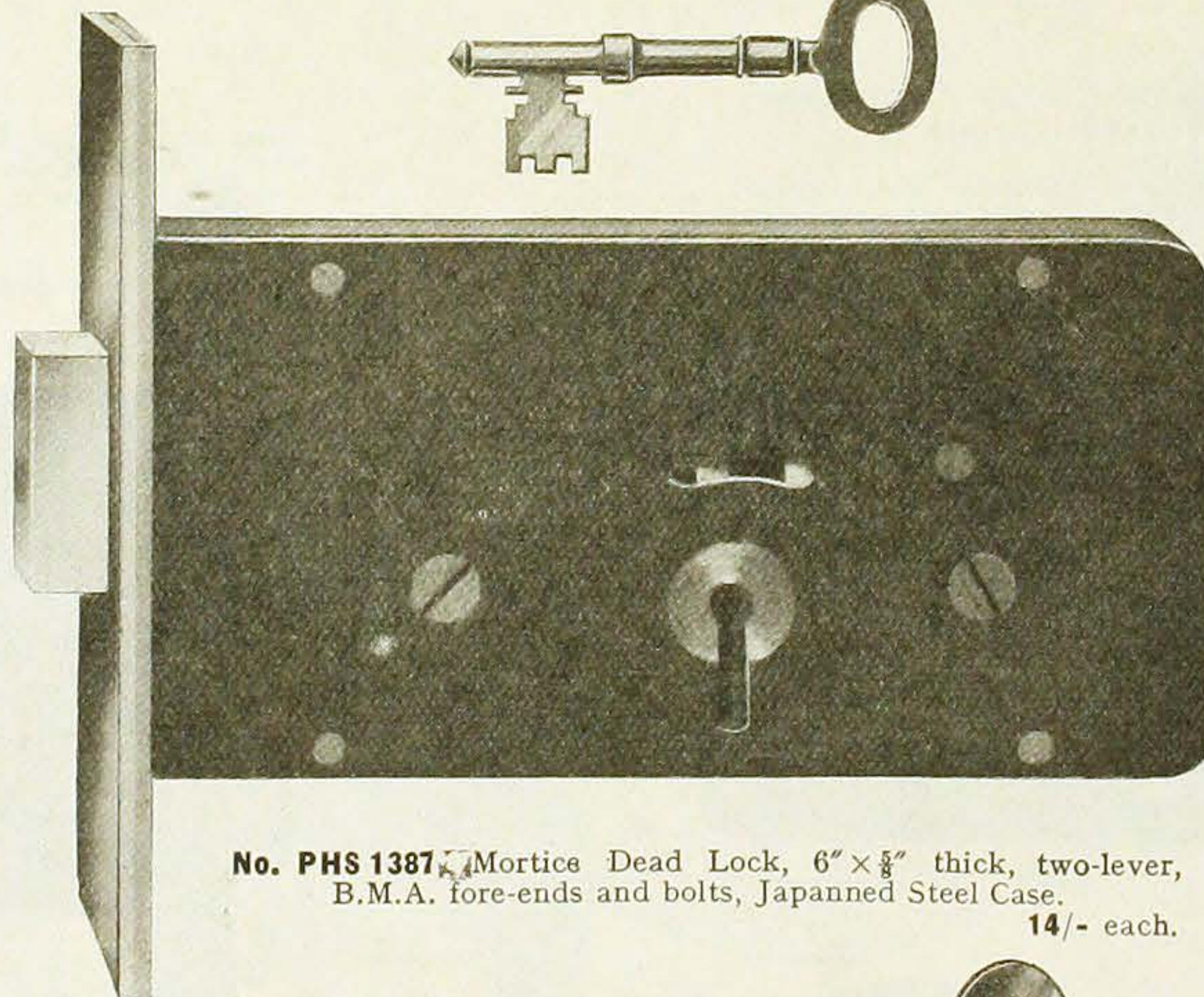
	doz. sets	per set.
Polished Brass 1 1/2"	94/6	8/-
1 1/4"	98/6	8/3
2"	102/6	8/8
C. B. & R. (on Brass)		
1 1/2"	102/6	8/8
1 1/4"	106/6	9/-
2"	110/3	9/3
Bronze Metal 1 1/2"	118/3	10/-
1 1/4"	123/-	10/3
2"	127/9	10/9
Bronze Metal Antique.		
1 1/2"	126/-	10/6
1 1/4"	131/-	11/-
2"	136/6	11/6
Silver Oxydised (on Brass)		
1 1/2"	126/-	10/6
1 1/4"	130/-	11/-
2"	134/-	11/3



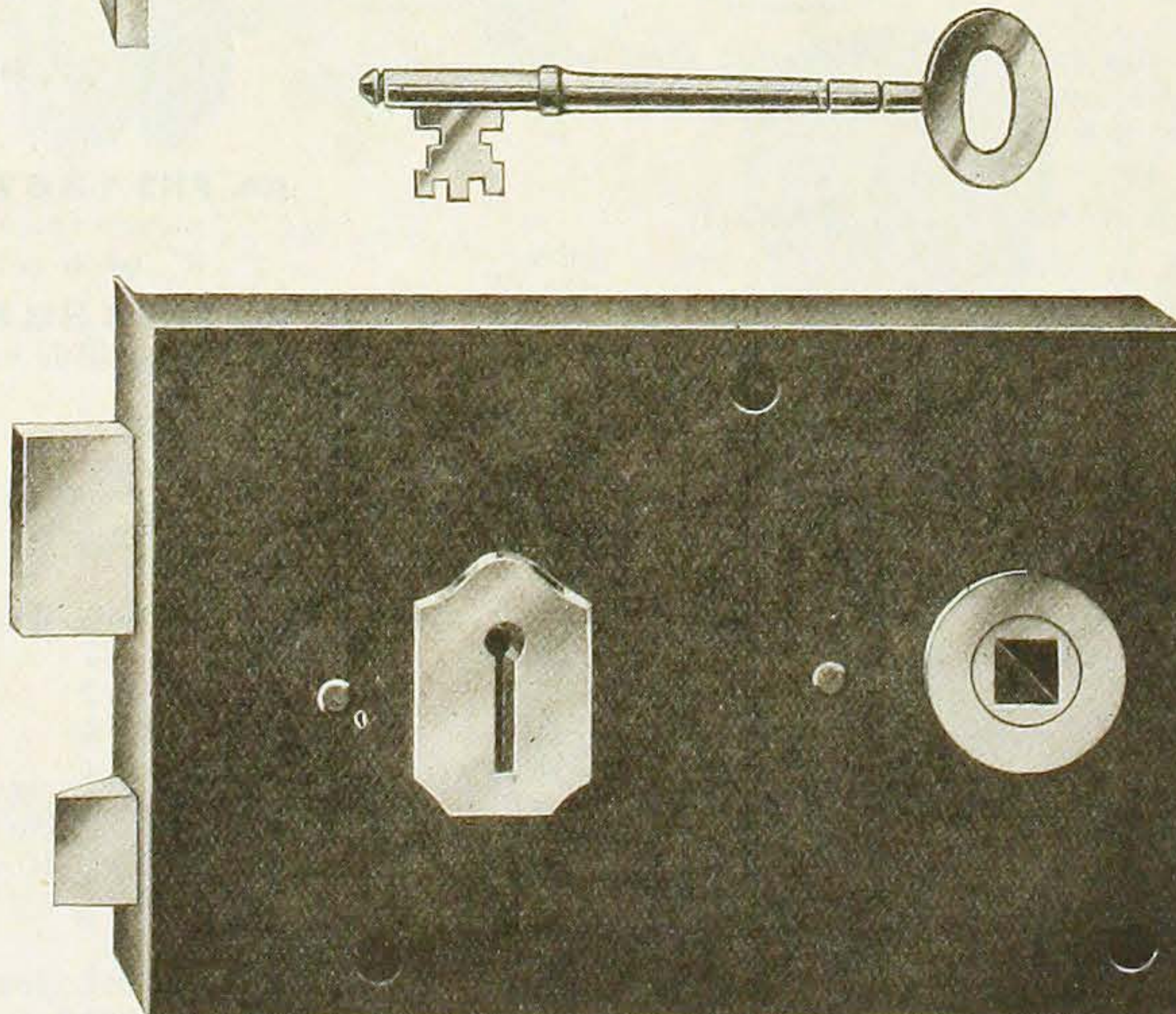
	doz. sets	per set.
No. PHS*5478 Scale Half full size.		
Plate 5" x 2"		
Pitt's Mortice	10/3	8/9
Pitt's Rim	11/-	9/8
Mace's Mortice	11/6	10/3
Mace's Rim	12/3	11/6
Brass	10/3	8/9
C.B.&R. (on Brass)	11/-	9/8
B.M.A.	11/6	10/3
Ox. Silver	12/3	10/6



No. PHS 1384 Mortice Lock 6" x 1/2" thick, two-lever, forward direct action. Phosphor Bronze springs, B.M.A. fore-ends and bolts, 14/- each.
No. PHS 1385 Ditto, to differ and "En Suite" with PHS 1322 and PHS 1325 Rim Locks below, 15/9 each.
EXTRAS—For Rebating over 6" plain front Mortice Locks: Half Rebating, 2/8 each. Full Rebating, 10/6 each. T Section Full Rebating, 12/6 each.



No. PHS 1387 Mortice Dead Lock, 6" x 1/2" thick, two-lever, B.M.A. fore-ends and bolts, Japanned Steel Case. 14/- each.



No. PHS*1322 Japanned Case, two-lever, solid rim, Palace motion, brass bolt, nickel-plated key, but machine made levers.

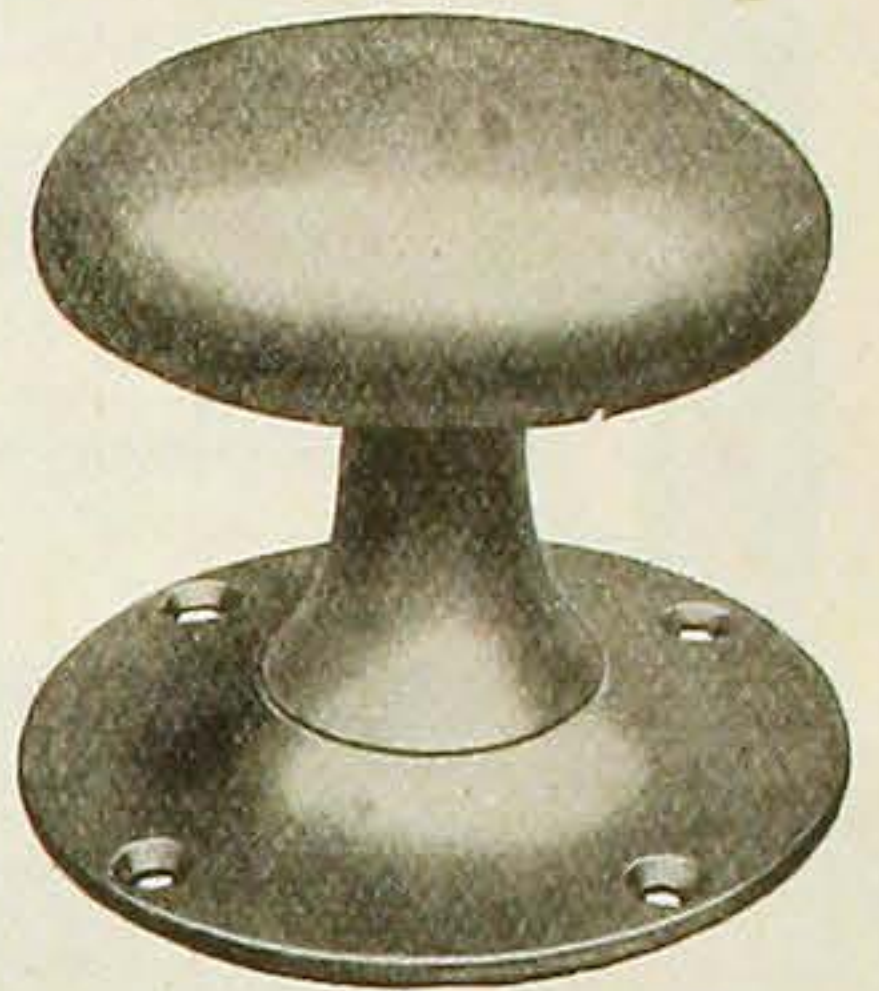
*Stocked only in 6"	77/-	94/6	129/6 per dozen.
	6/6	8/-	10/10 each.

Specially highly finished Cast Case Lock, see No. PHS 1325 on page 27. For illustration and description of our "Forward" Furniture see page 47.

*Stocked only in Brass and B.M.A.

**Stocked only in Pitt's Mortice and Mace's Rim in Brass and B.M.A.

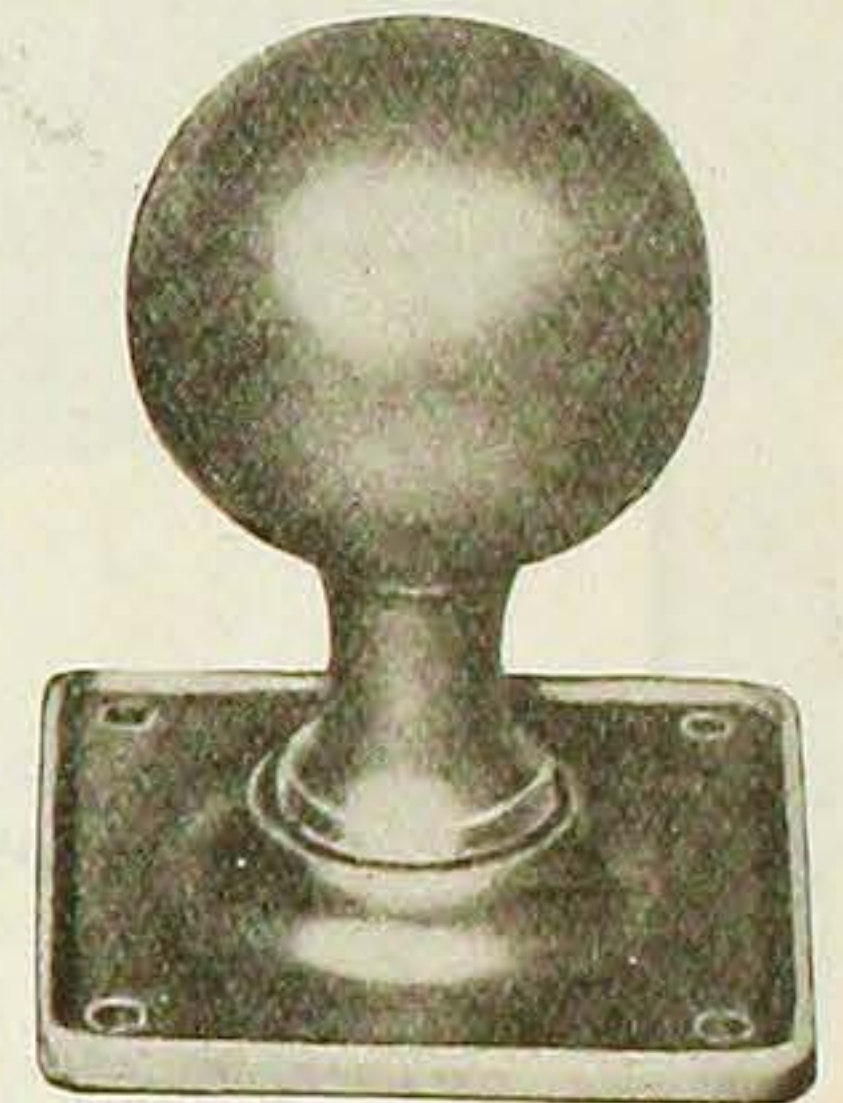
No. PHS**5954
Knob, 2 1/2" x 1 1/2"
Rose 2 1/2"



No. PHS**5954
Pitt's Pitt's or Mortice. Mace's Rim.

	8/9	8/2	per set.
Brass	8/9	8/9	
C. B. & R. (on Brass)	9/8	8/9	
B.M.A.	10/6	9/4	
Ox. Silver on White Metal	12/9	11/3	

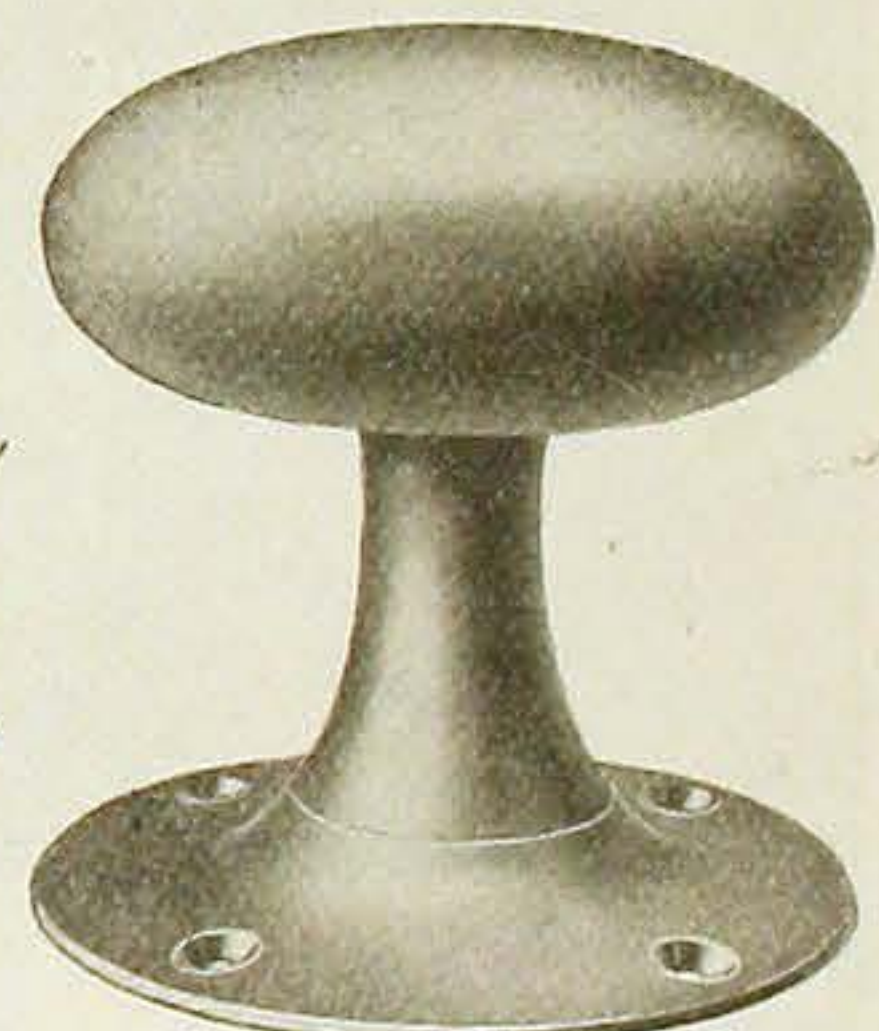
No. PHS**5463
Knob, 1 1/2" and 2"
Rose, 2 1/2"



No. PHS**5463
Pitt's Pitt's or Mace's Mortice. Rim.

	6/2	7/-	5/3	6/2	per set.
Brass	6/2	7/-	5/3	6/2	
C. B. & R. (on Brass)	6/10	7/9	6/-	6/10	
B.M.A.	7/-	8/-	6/2	7/-	
Ox. Silver on White Metal	8/4	9/8	7/6	8/9	

No. PHS**5429
Rose, 2 1/2"
Oval Knob, 2 1/2" x 1 1/2"

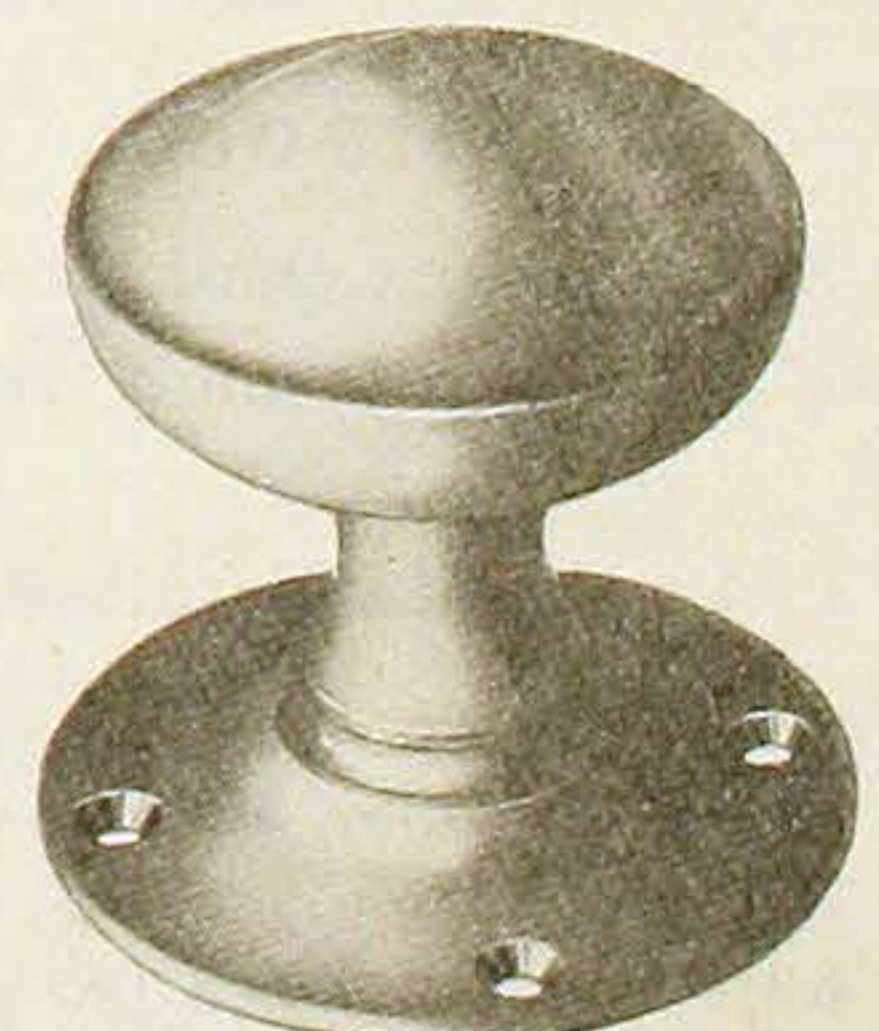


No. PHS**5443
Round Knob, 1 1/2"
Rose, 2 1/2"

No. PHS**5429† No. PHS**5443†
Oval Knob. Ball Knob.
Pitt's "Forward" Pitt's "Forward"

	set.	set.	set.	set.
Brass	7/8	8/10	5/3	6/4
C. B. & R. (on brass)	8/3	9/6	5/9	6/9
B.M.A.	9/7	11/9	6/6	7/-
B.M.A.	10/3	11/9	7/-	8/6
Sil. Ox. (on Brass)	10/7	11/6	7/9	9/-
" Metal)	13/3	—	—	—

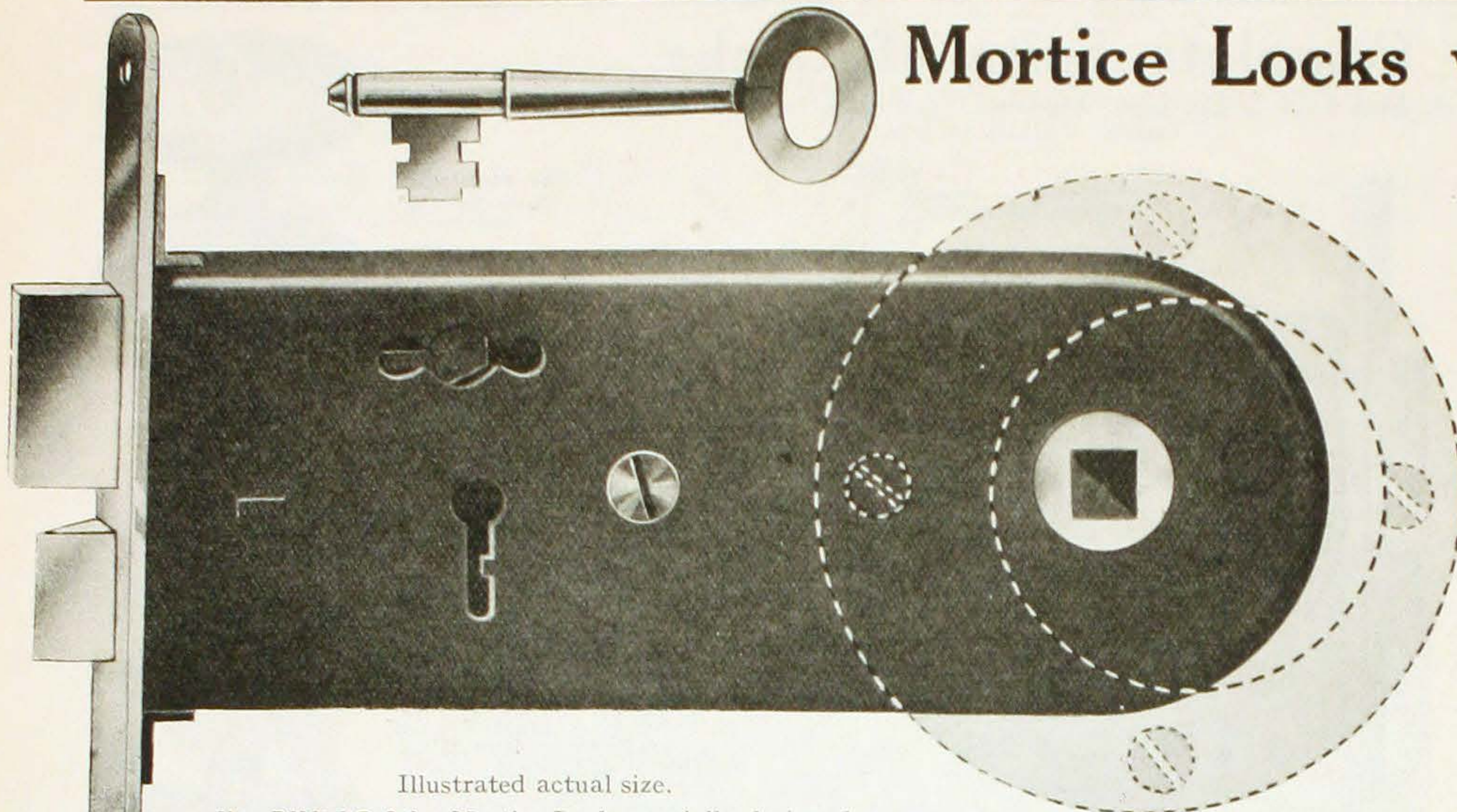
†For Prices of Mace's Rim, see Average Reductions at foot of Page 48



	5/8	5/3	6/7	6/3
Brass	5/8	5/3	6/7	6/3
C. B. & R.	6/7	6/3	7/6	7/-
B.M.A.	6/7	6/3	7/6	7/-
Ox. Silver	7/6	7/-	8/4	8/-

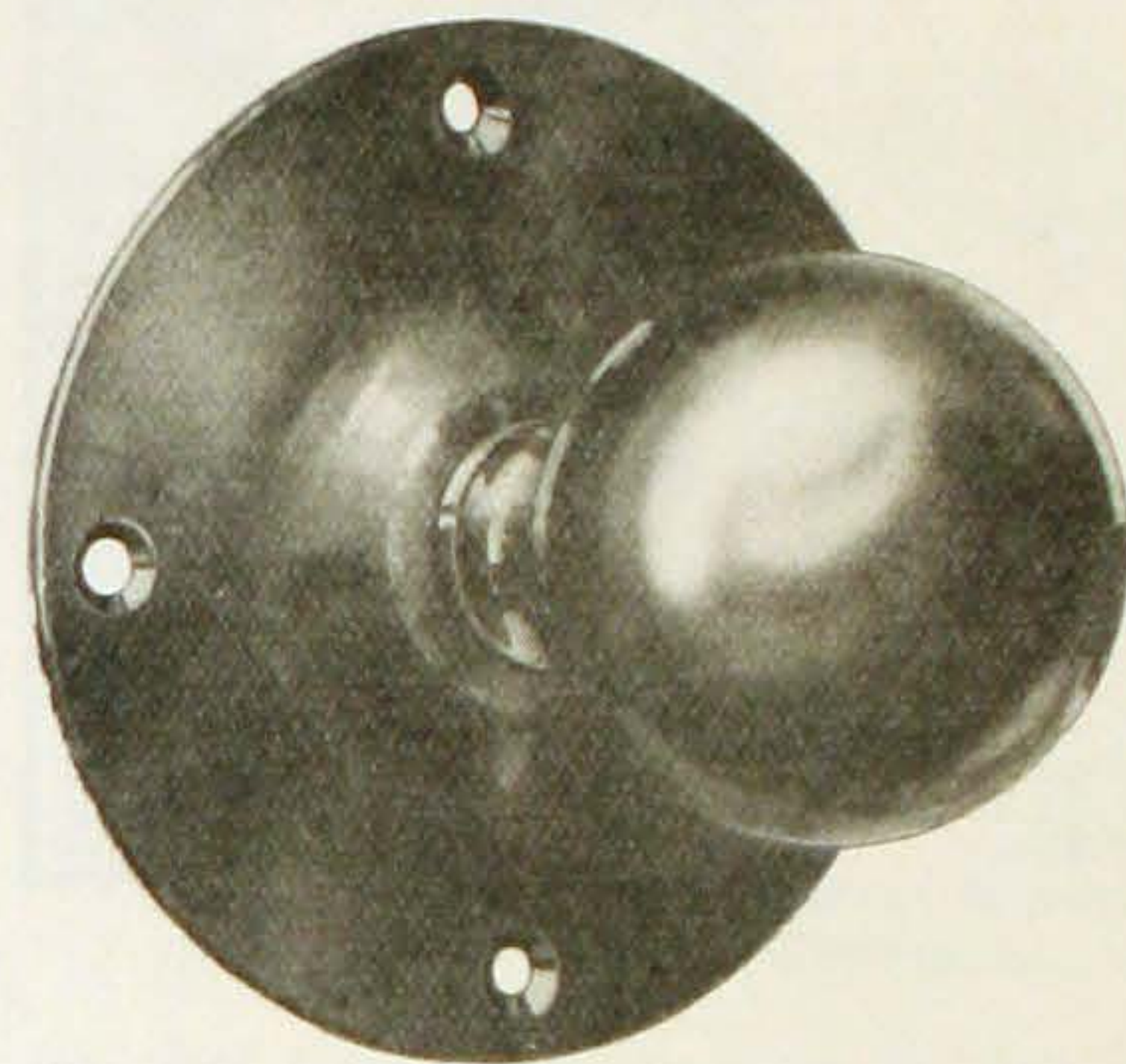
Mortice Locks with Furniture.

The advantages of the large rose ($3\frac{1}{2}$ " furniture are apparent from the dotted lines. Three of the screw holes come outside the lock case, enabling a longer screw to be used, and thereby obtaining a stronger hold on the door.



Illustrated actual size.

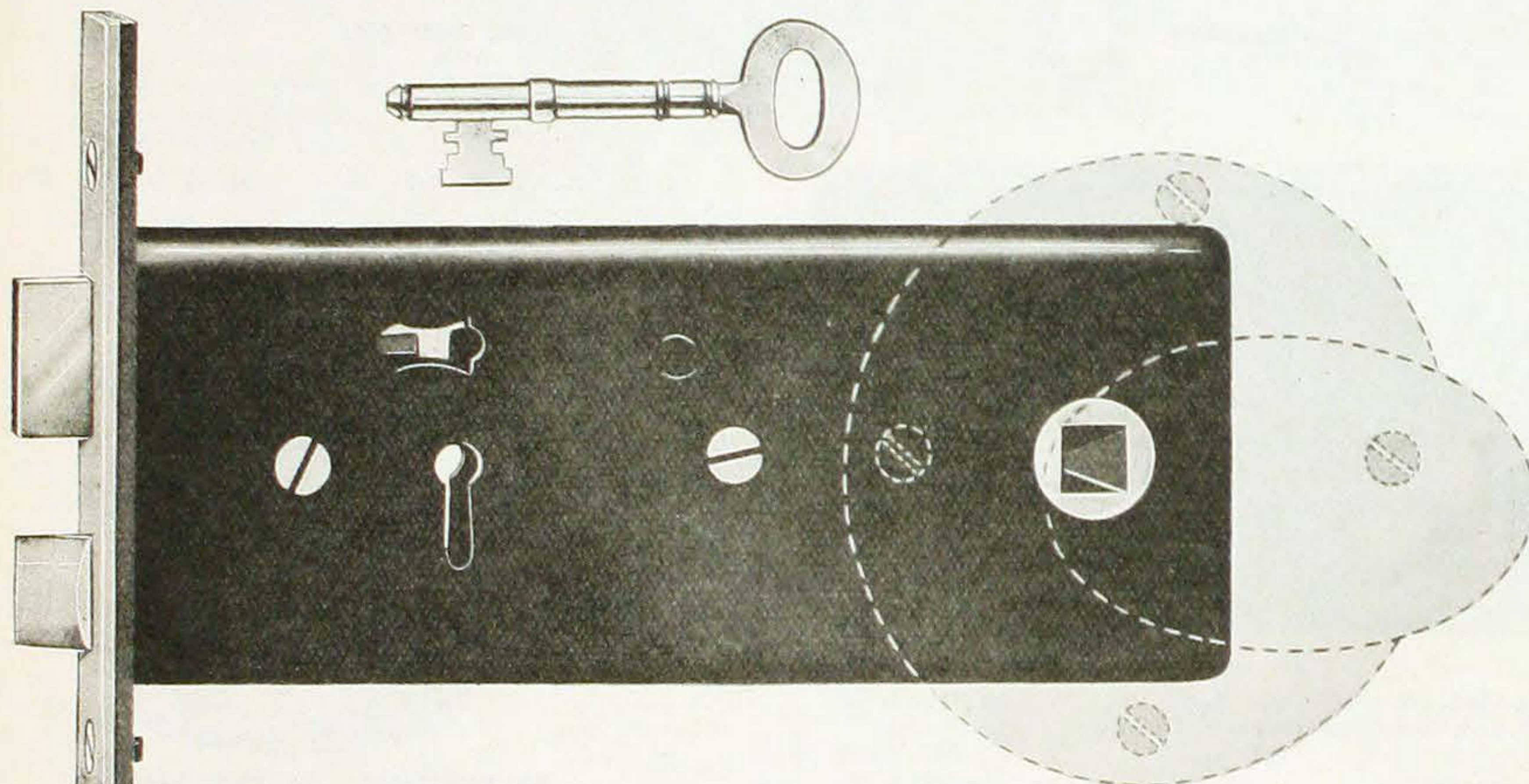
No. PHS 1341 Mortice Lock, specially designed for "Woco" and similar doors. Size $5" \times 2"$, with japanned steel case, barely $\frac{1}{16}"$ thick. Brass bolts, one lever, $31/6$ per dozen, $2/9$ each.



No. PHS*3000 Scale approx. half size. $1\frac{1}{4}"$ round knob with $3\frac{1}{4}"$ rose.

Pitt's Mortice Furniture.

Polished Brass $58/-$ per doz. sets, $5/-$ per set.
C.B. & R. $65/-$ per doz. sets, $5/6$ per set.
B.M.A. $68/-$ per doz. sets, $5/9$ per set.
Ox. Silver on
White Metal $105/-$ per doz. sets, $8/10$ per set.



No. PHS 9253 Scale approx. two-thirds full size. Japanned steel case, barely $\frac{1}{16}"$ thick, one lever, brass bolts, reversible Latch Bolt, sash ward $5"$ and $6"$ both sizes, $40/3$ per dozen, $3/6$ each.

If supplied with B.M.A. Fore-ends, $49/-$ dozen; $4/4$ each.

No. PHS 9254 As above but Roller Bolt, $63/-$ dozen, $5/6$ each.

No. PHS 9258 Japanned steel case, $\frac{5}{8}"$ thick, one lever, brass bolts, reversible Latch Bolt, $5"$ only, $48/3$ per dozen, $4/3$ each.

If supplied with B.M.A. Fore-ends, $58/9$ per dozen, $5/-$ each. Only stocked with B.M.A. Fore-ends.

No. PHO 9259 As above but with Roller Bolt, brass bolts, $79/9$ per dozen, $6/9$ each.

No. PHS*3001

Scale approx. half size.

$2\frac{3}{8}" \times 1\frac{1}{2}"$ oval knob with $3\frac{1}{4}"$ rose.

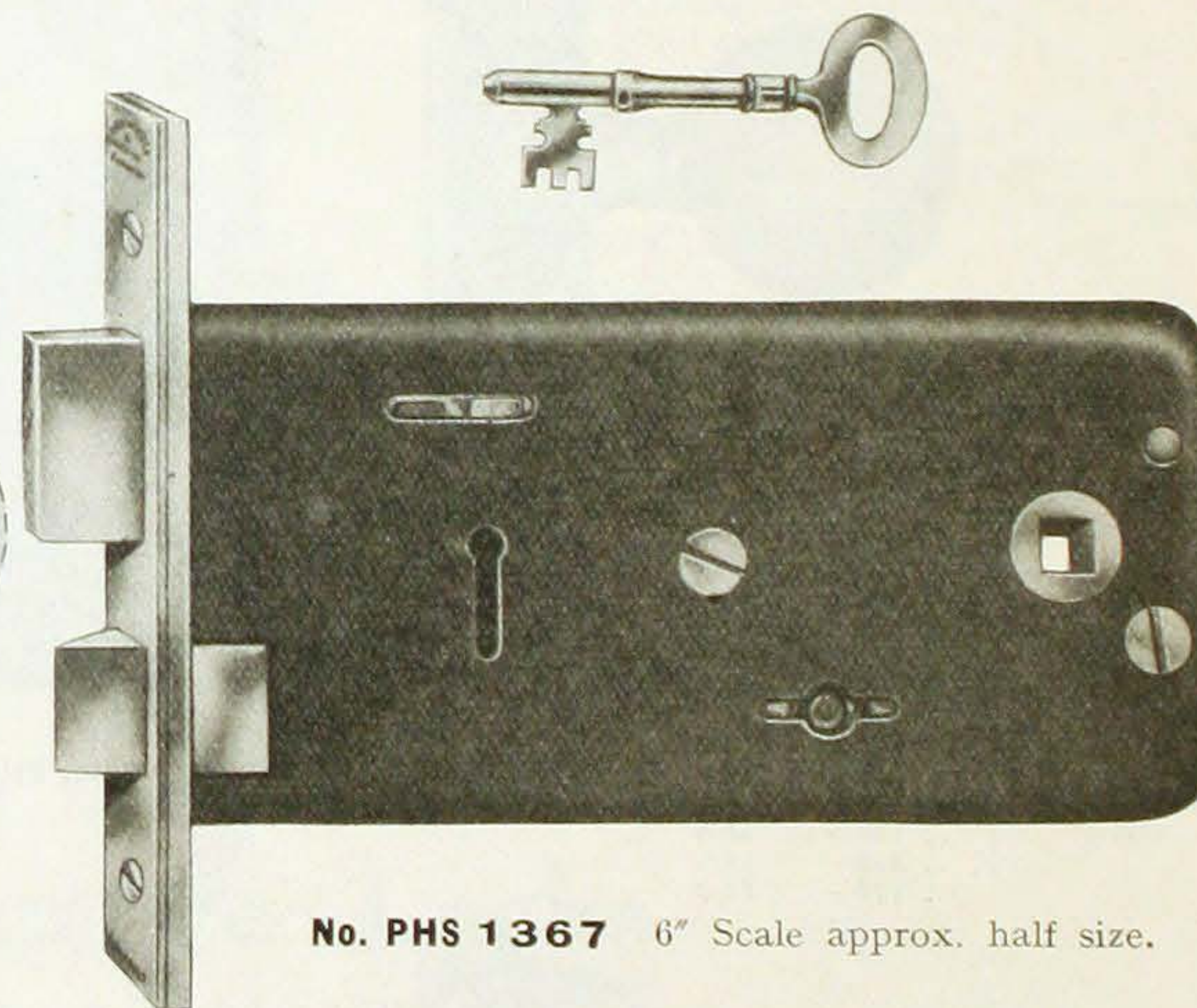
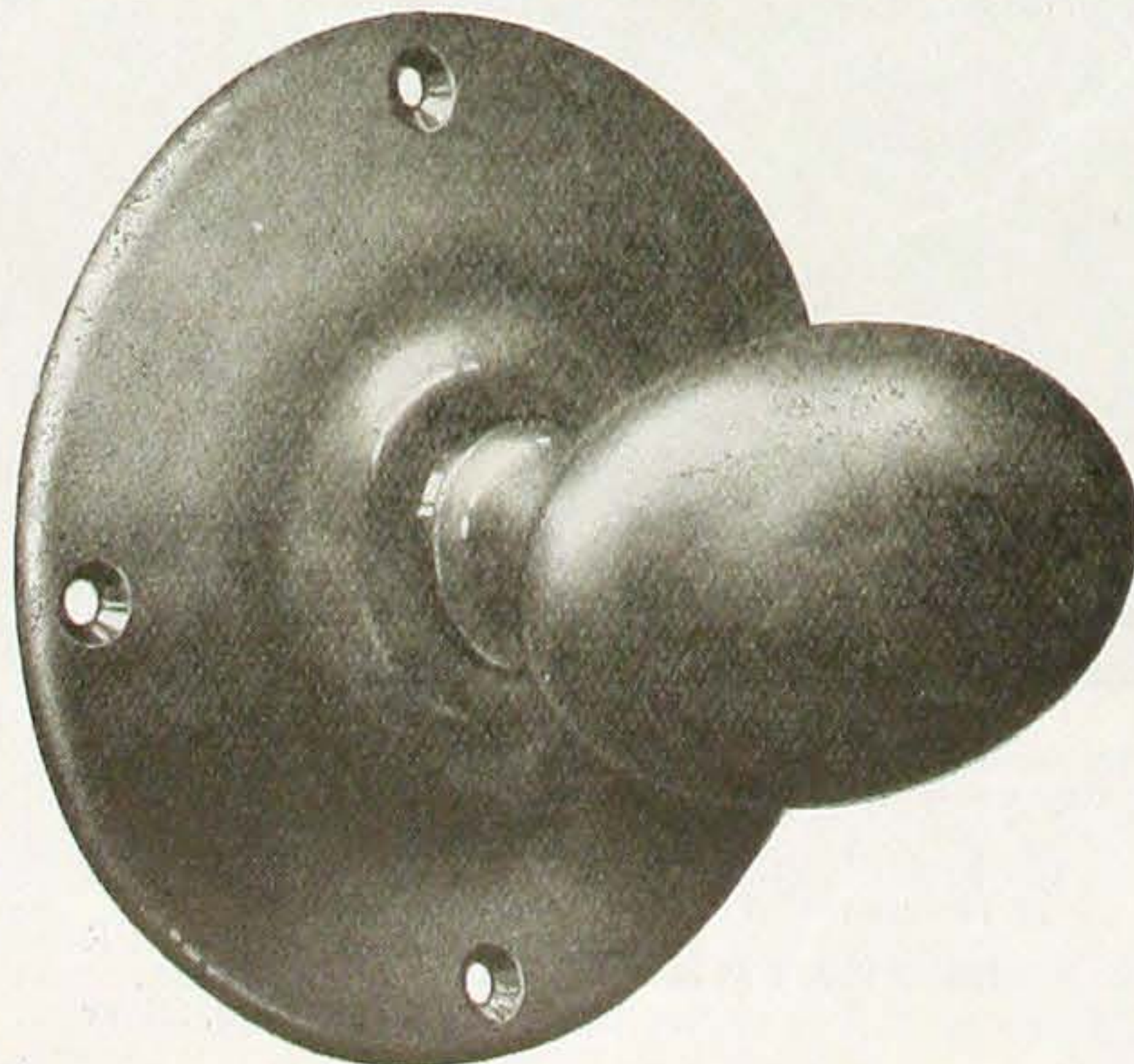
Pitt's Mortice Furniture.

Polished Brass, $61/3$ doz. sets, $5/2$ per set.

C.B. & R., $66/6$ doz. sets, $5/8$ per set.

B.M.A., $65/9$ doz. sets, $5/7$ per set.

Ox. Silver, $82/3$ doz. sets, $7/-$ per set.



No. PHS 1367 $6"$ Scale approx. half size.

No. PHS 1367 Stamped steel case Mortice Lock, one lever palace motion, not bushed, brass bolts, japanned case, $6"$, $66/6$ per dozen, $5/9$ each.

No. PHS 1381 Japanned steel case, one lever, brass bolts, reversible latch bolt sash ward, $6"$, $48/3$ per dozen, $4/3$ each.

No. PHS*2020 $2\frac{3}{8}" \times 1\frac{1}{2}"$ Oval knob.

Rose, $2\frac{5}{16}"$.

"Forward"

Pitt's.

doz. sets. per set. doz. sets. per set.

P.B. ... $90/-$ $7/7$ $50/9$ $4/4$

C.B. & R. ... $96/-$ $8/2$ $56/-$ $4/9$

B.M. ... $126/-$ $10/8$ $59/6$ $5/1$

B.M.A. ... $111/-$ $9/4$ $63/-$ $5/4$

Ox. Silver $132/-$ $11/2$ $82/3$ $7/-$

No. PHS*2011 $1\frac{1}{4}"$ Round knob.

Rose $2\frac{5}{16}"$.

"Forward"

Pitt's.

doz. sets. per set. doz. sets. per set.

P.B. ... $105/-$ $8/10$ $50/9$ $4/4$

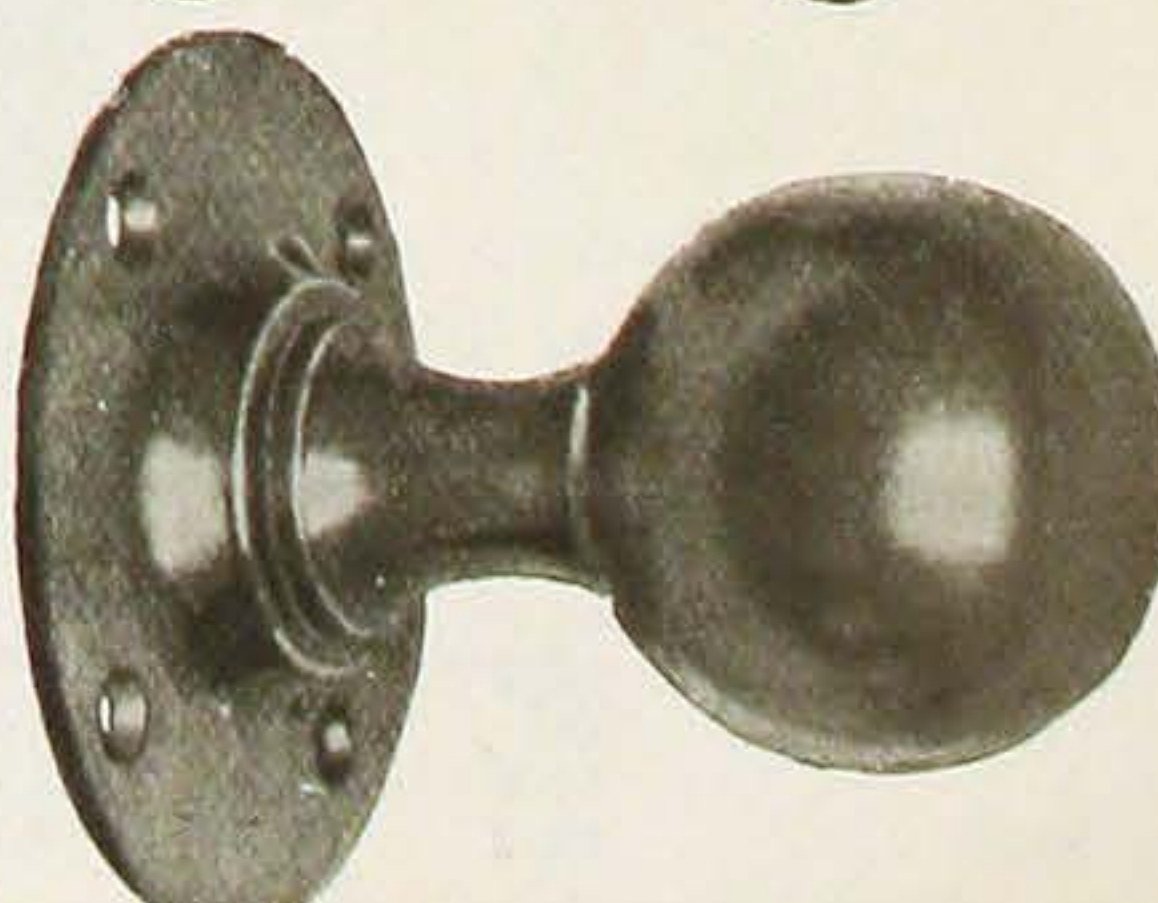
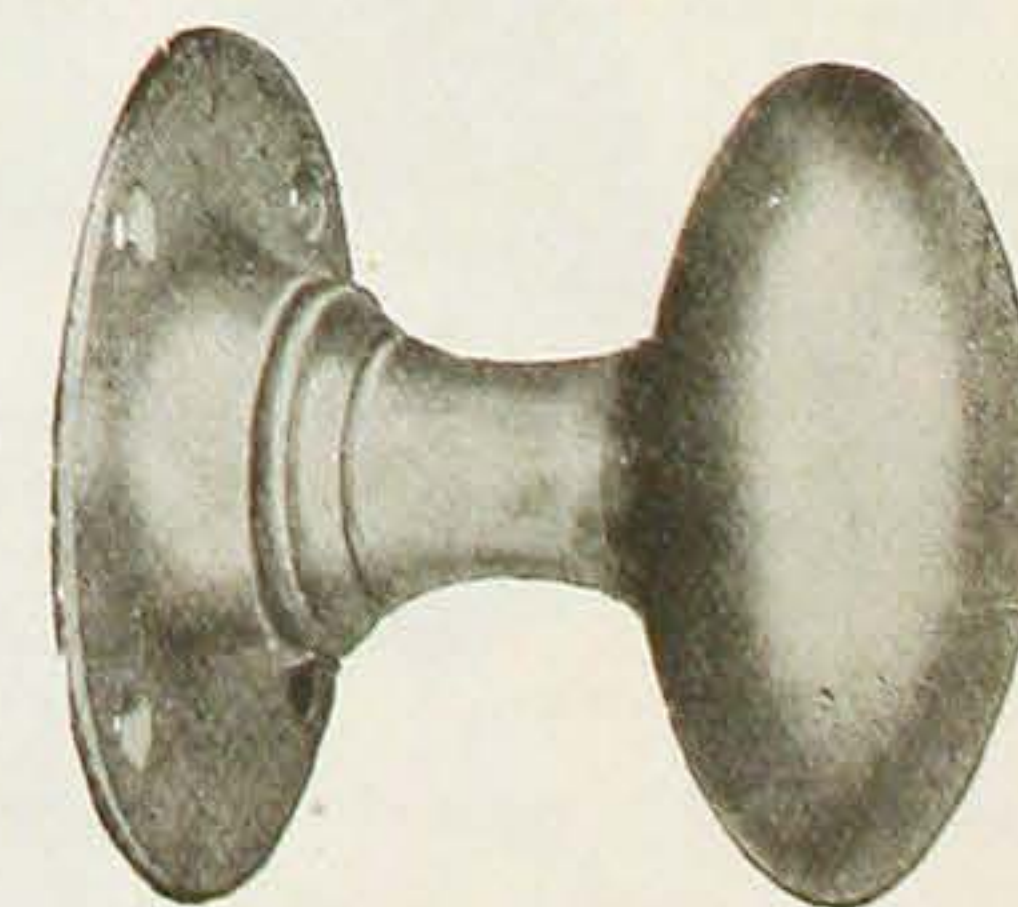
C.B. & R. ... $111/-$ $9/4$ $56/-$ $4/9$

B.M. ... $105/-$ $8/10$ $59/6$ $5/1$

B.M.A. ... $132/-$ $11/2$ $63/-$ $5/4$

Ox. Silver $147/-$ $12/4$ $82/3$ $7/-$

P.B.—Polished Brass, C.B. & R.—Copper Bronzed and Relieved, B.M.—Bronze Metal, B.M.A.—Bronze Metal Antique, Ox.S.—Oxydised Silvered.



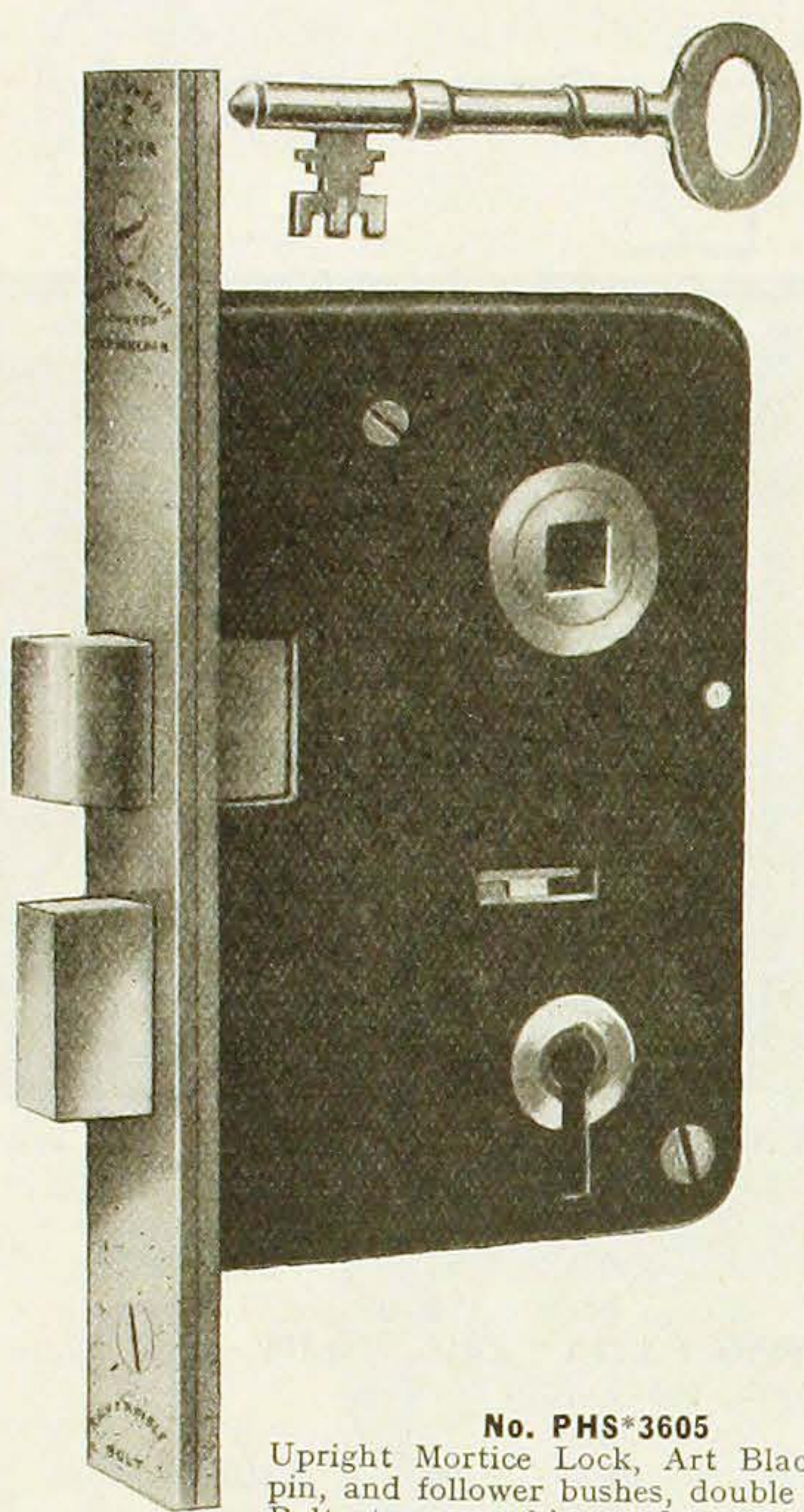
"B" Basis.

Extra for Chromium Plating Stainless for any of above Lock Furniture, $5/-$ per set nett.

PHS—Stock Line; PHO—To order only,

Mortice Locks, Metal and Wood Furniture

SCALE—HALF FULL SIZE.



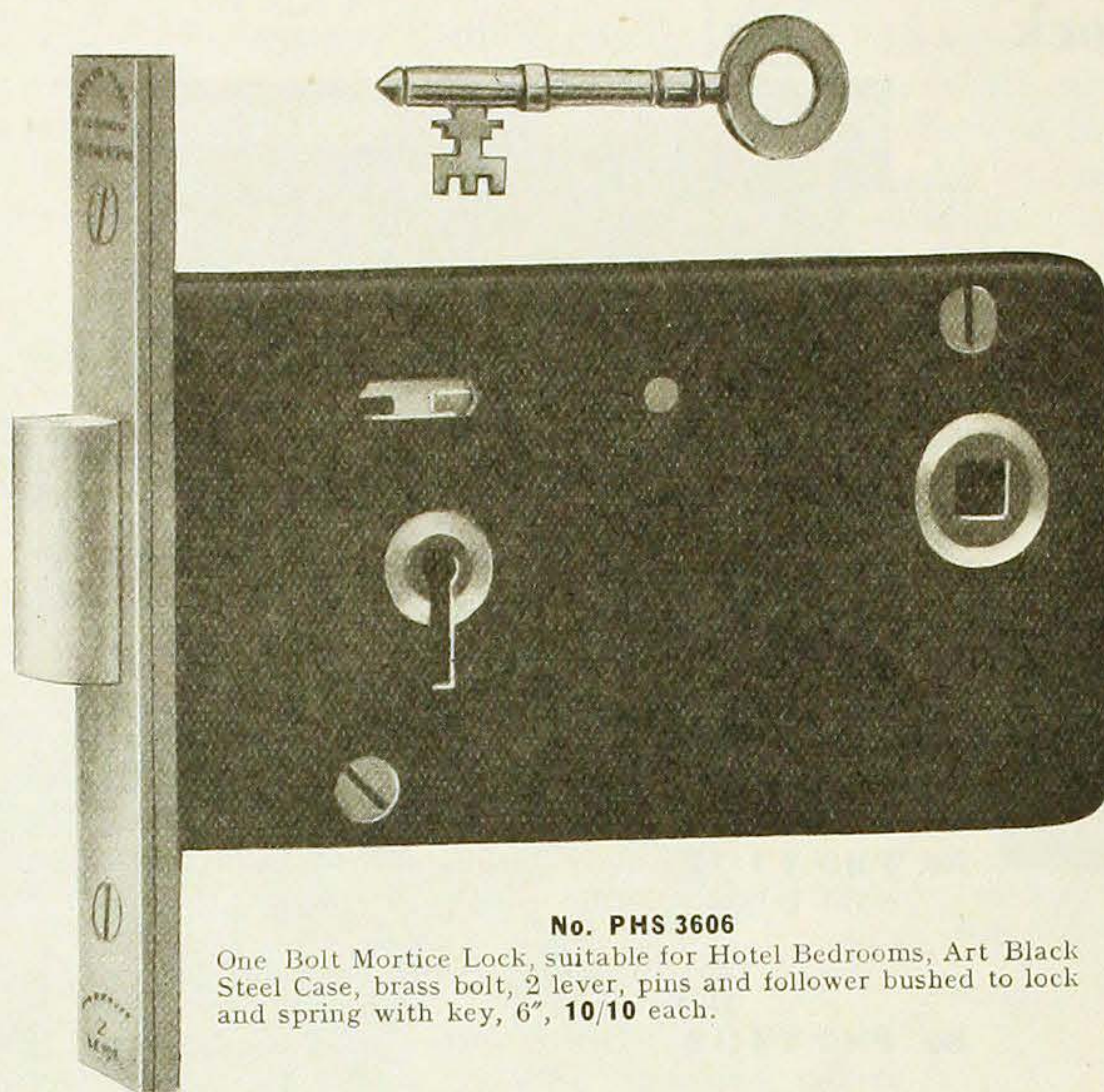
No. PHS*3605

Upright Mortice Lock, Art Black Case, 2 lever, brass bolts, pin, and follower bushes, double cut-through Reversible Latch Bolt, strong machine made case. Constructed with two separate spring arrangements for carrying Lever Handles. When door is closed, Lever Handles remain stationary.

Made in 2", 2½", 3", 3½" and 4" x 4½" x 1½"

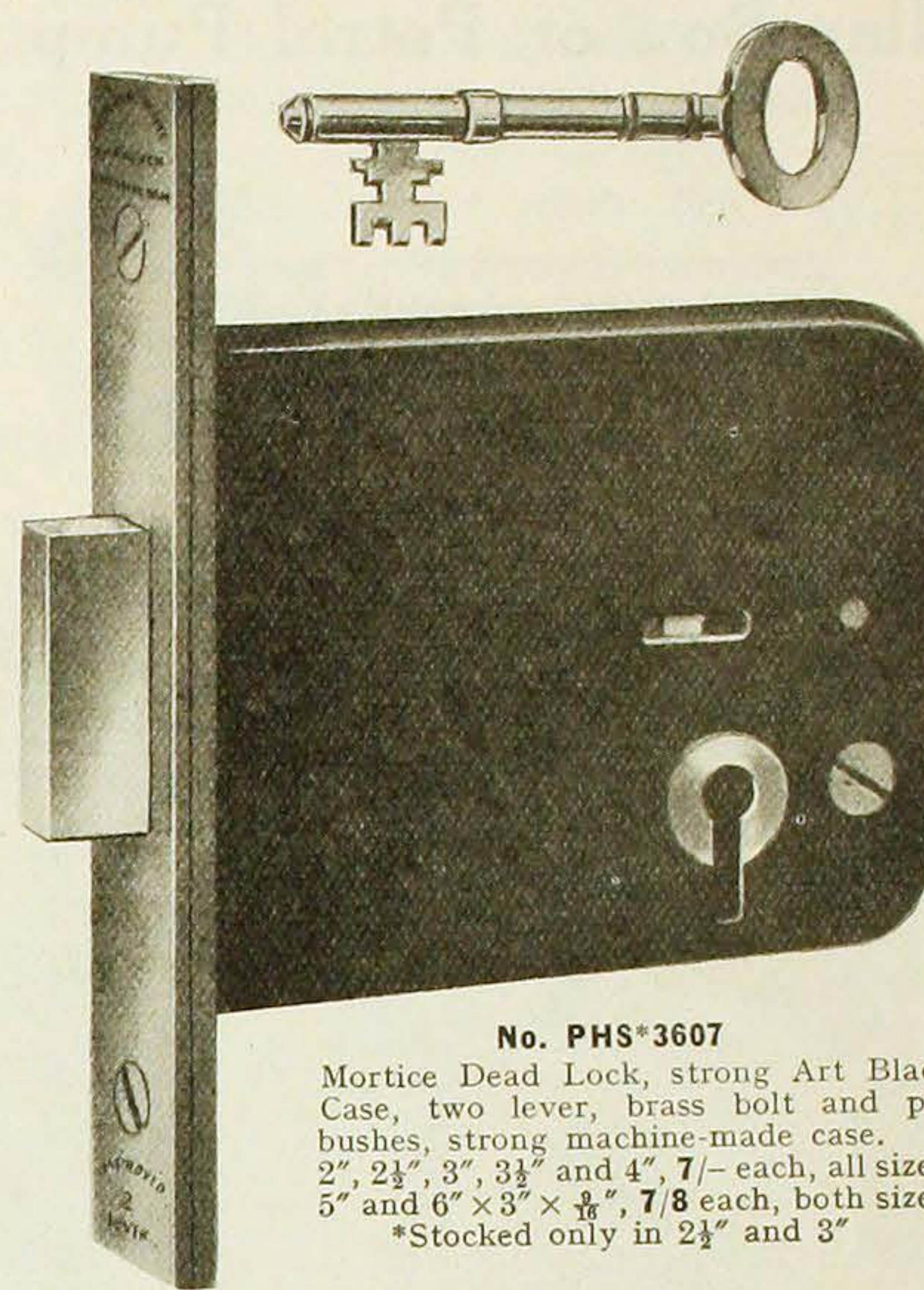
All sizes 9/4 each.

*Stocked only in 2½" and 3"



No. PHS 3606

One Bolt Mortice Lock, suitable for Hotel Bedrooms, Art Black Steel Case, brass bolt, 2 lever, pins and follower bushed to lock and spring with key, 6", 10/10 each.



No. PHS*3607

Mortice Dead Lock, strong Art Black Case, two lever, brass bolt and pin bushes, strong machine-made case. 2", 2½", 3", 3½" and 4", 7/- each, all sizes. 5" and 6" x 3" x 1½", 7/8 each, both sizes.

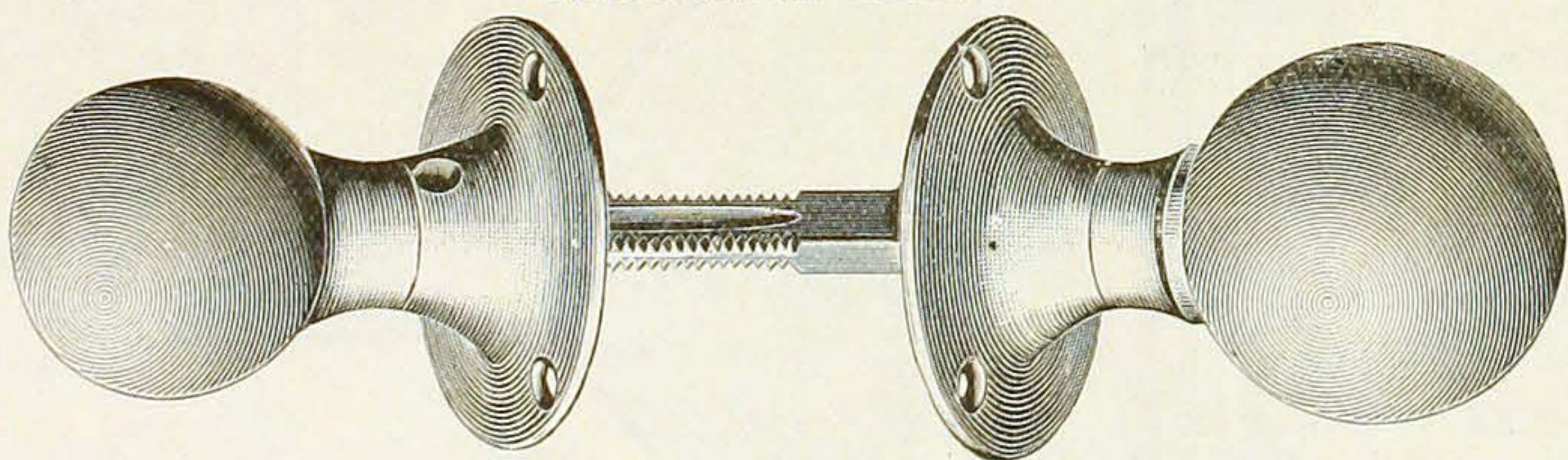
*Stocked only in 2½" and 3"

"IRONCLAD" PATENT MORTICE LOCK FURNITURE.

Best Cast Quality. Specially suitable for Heavy Wear.

This Furniture is a combination of Pitt's and Mace's Fittings, with the following advantages:— (1) Spindle on fast side is hard soldered (braced) not pinned; (2) Roses on each side are fast to the knob, as Pitt's (3) Loose side travels up and down the threaded end of spindle. After adjustment by means of set screw, the rose is revolved, covering set screw, and then screwed to door, making it impossible for Furniture to become loose or be taken away.

Illustrations half full size.



No. PHS*4605 1½"

Brass	8/4 set.
C. B. and R.	8/9 "
B.M.	9/8 "
B.M.A.	10/2 "
Sil. Oxidized on White Metal	11/- "

*Stocked only in Brass and B.M.A.

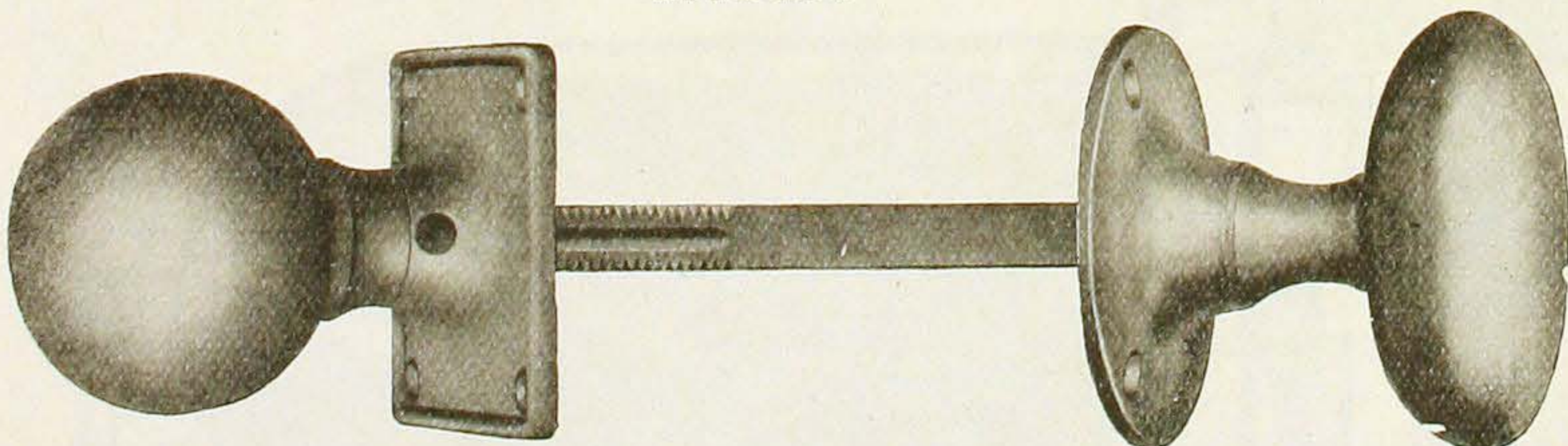


Escutcheons included in Price of set.

No. PHS*4605 2"

Brass	9/3 set.
C. B. and R.	9/8 "
B.M.	11/- "
B.M.A.	11/6 "
Sil. Oxidized on White Metal	12/8 "

*Stocked only in Brass and B.M.A.



No. PHS*4606

Brass	9/3 10/6 set.
C. B. and R.	9/8 11/- "
B.M.	11/- 12/8 "
B.M.A.	11/6 13/2 "
Sil. Ox. on White Metal	12/3 14/6 "

*Stocked only in Brass and B.M.A.

No. PHS*4607 (Oval).

Brass	8/9 set.
C. B. and R.	9/3 "
B.M.	10/6 "
B. M. A.	11/- "
Sil Ox. on White Metal	12/3 "

*Stocked only in Brass and B.M.A.

"PERFECTO" PATENT WOOD LOCK FURNITURE.

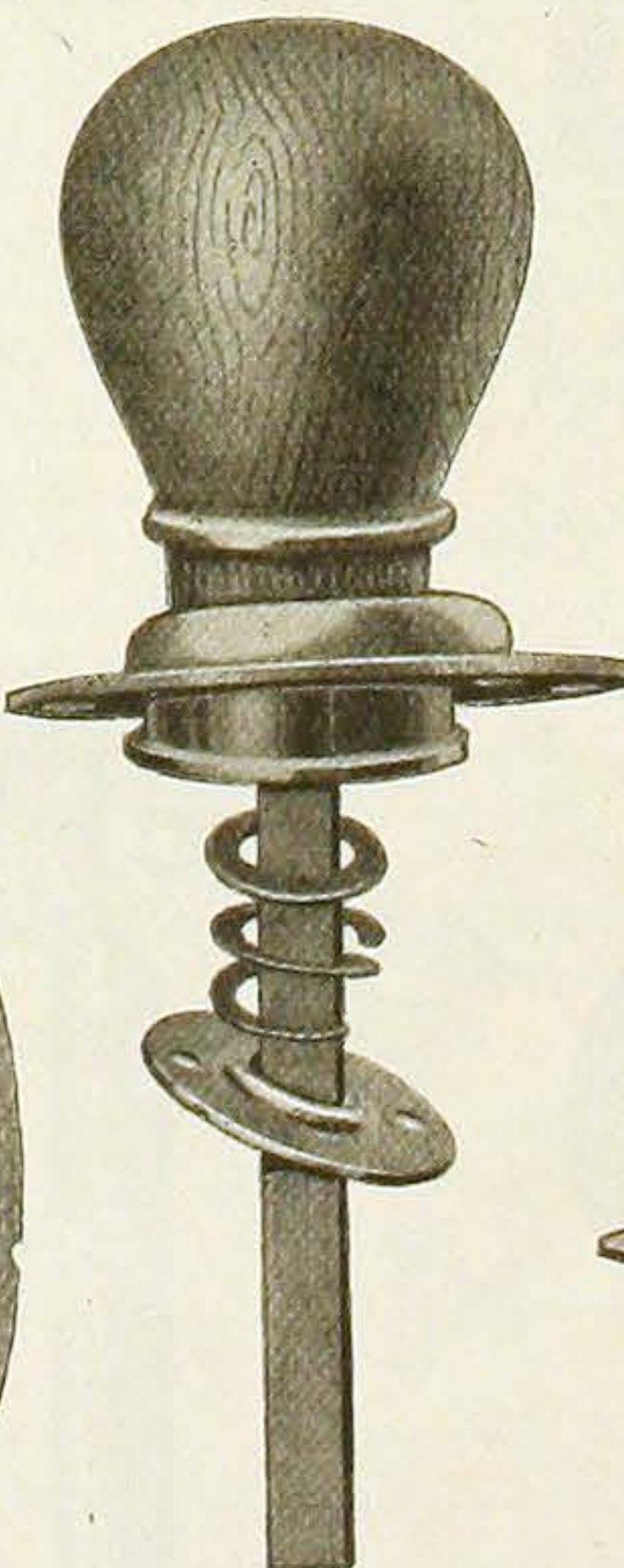
Prevents the "rocking" usually associated with other types of furniture and gives a rigidity hitherto unknown.

Description.

Into a concave recess in the Rose fits a flanged Metal Ring with screw holes bored for fixing, which Metal Ring acts as a Bush to the Wooden Rose. These cap the small Metal Rose fixed to the Neck of the Knob. Between two washers a small Spring operates maintaining the rigidity during the whole life of the furniture. The large illustrations show the furniture disassembled and the smaller ones the furniture re-assembled.

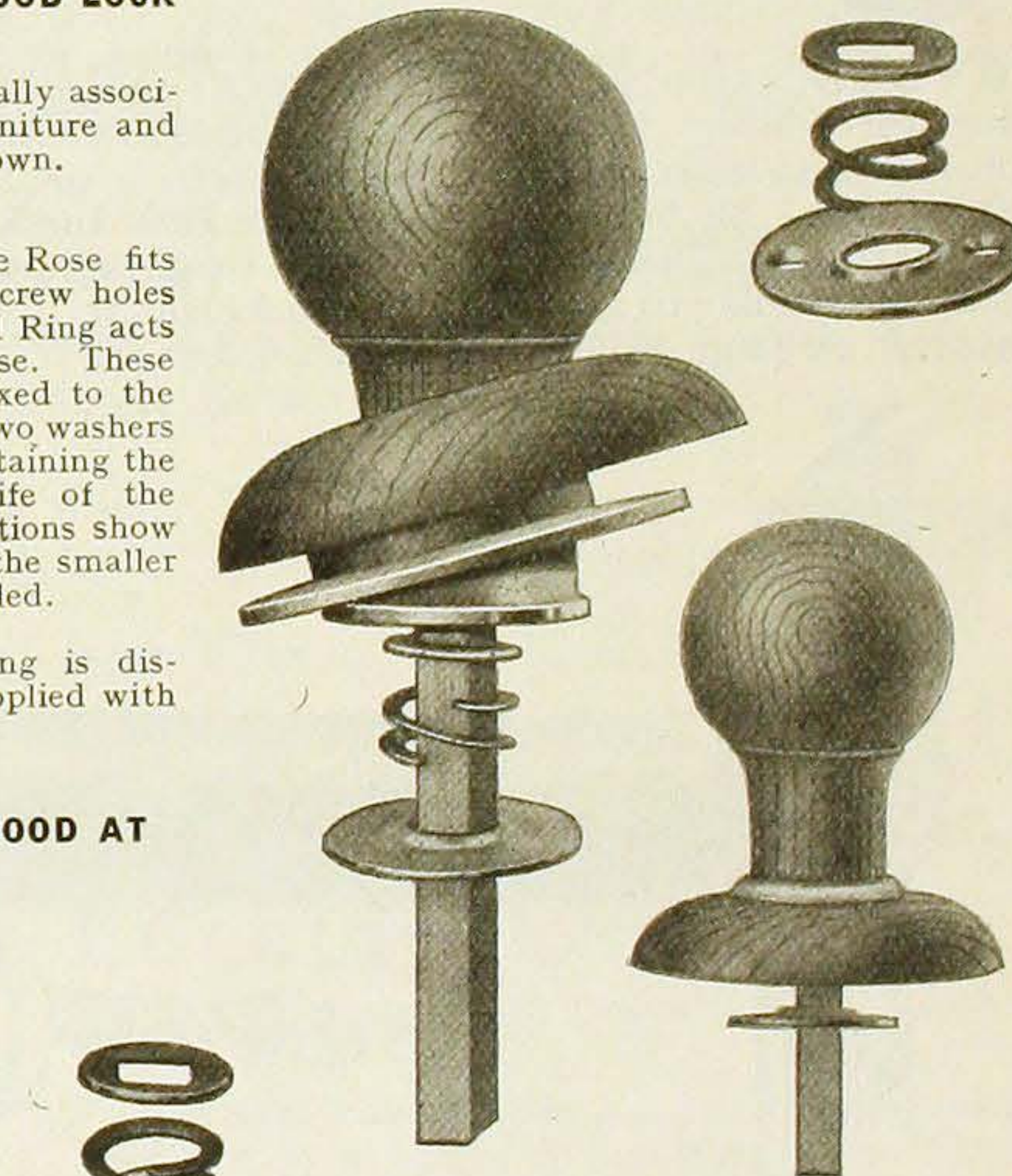
Note.—The Inner Metal Ring is dispensed with in Furniture supplied with Metal Rose.

NO FRICTION ON THE WOOD AT ANY POINT.



No. PHS*8992 Pear Shape.

1½", Rose, 2½"



No. PHS*8991

1½" Round. Rose 2½"

Both Round and Pear shape Knobs same price.

Real Cocoa Mortice Furniture. With Wood Cover Rose. 52/6 doz. sets; 4/6 per set.

With B.M.A. Rose. 45/6 doz. sets, 4/- per set.

Rim 3/6 per doz. sets or 4d. per set less. Oak, Walnut or Ebonized 5/3 per doz. sets or 6d. per set less.

Real Ebony. 3/6 per doz. sets or 4d. per set extra. to price of Cocoa.

*Stocked only in Real Cocoa.

OTHER WOOD LOCK FURNITURE, pages 53-55.

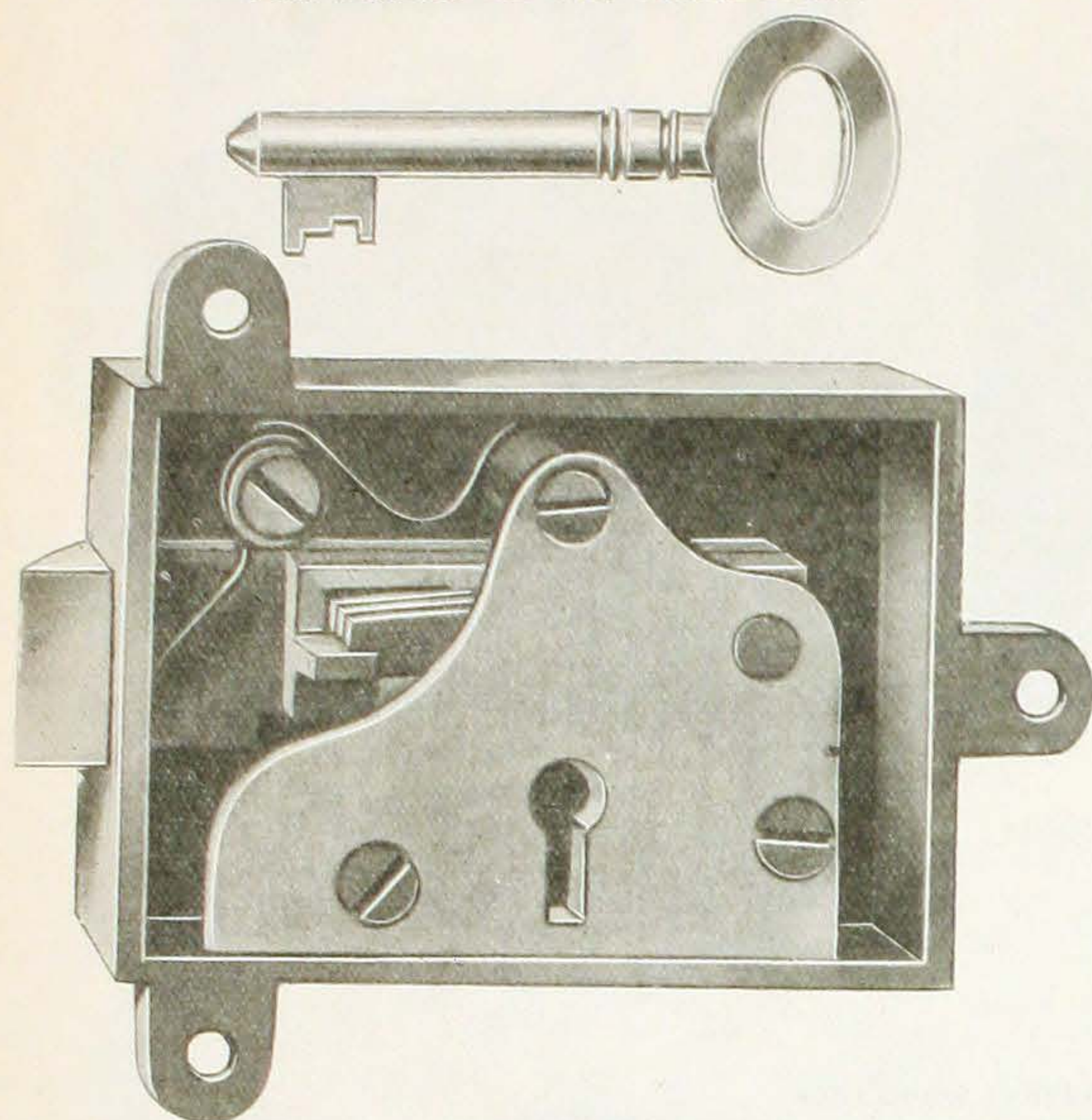
All PHS—Stock Lines.

"B" Basis.

Miscellaneous Locks

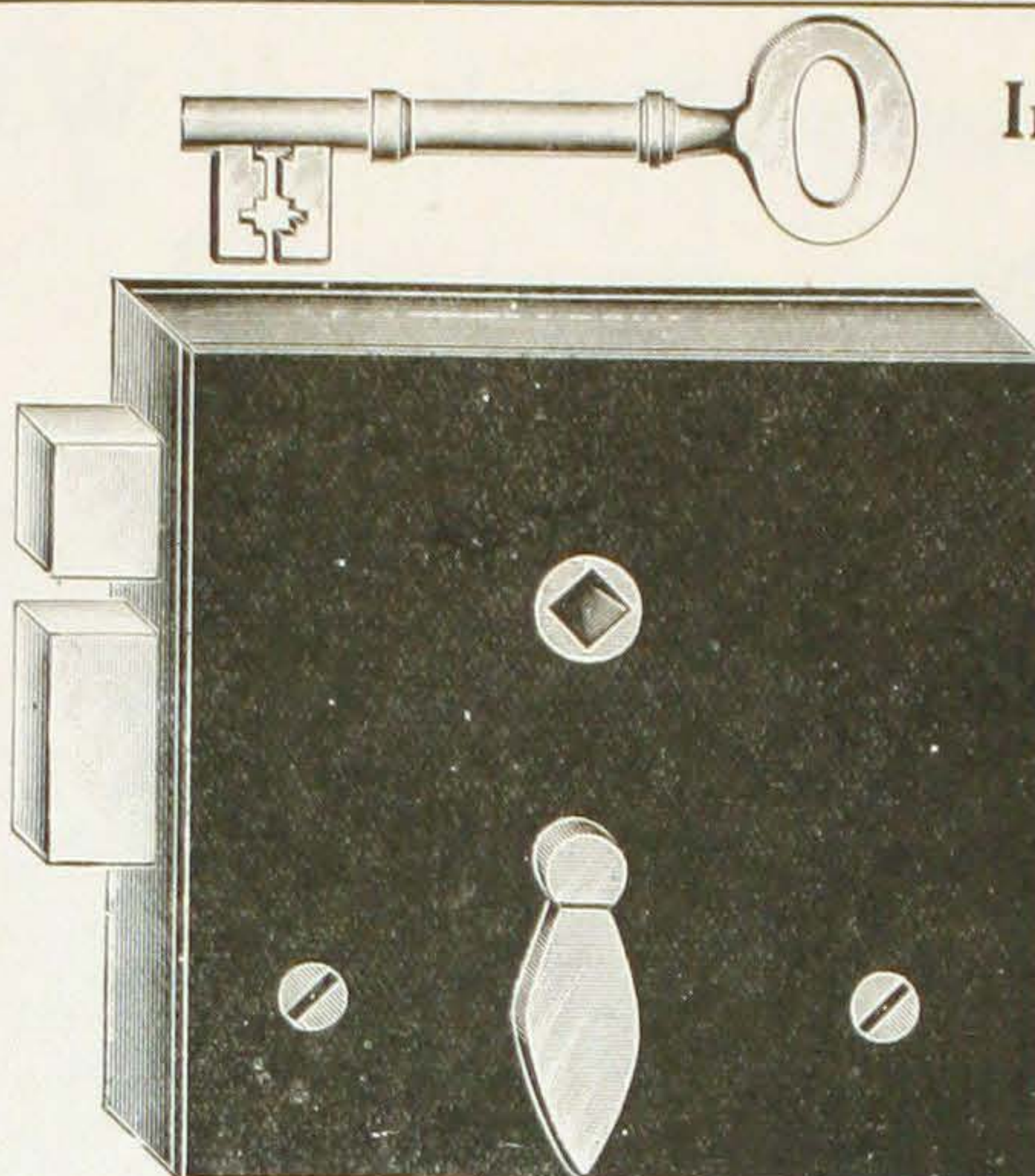
Pillar Box or Petrol Pump Lock

Also suitable for Fire Alarm Boxes.



No. PHO 1099 All brass Pillar Box Lock, one brass bolt to spring, three levers, phosphor bronze spring, two gun-metal pinned keys to each, size 3" x 2", 18/6 each.

No. PHO 1434 All brass Switch Pillar Box Lock or Pin Fire Alarm Box Lock, one brass bolt, to spring, gun-metal or pin key, similar to straight cupboard lock No. PHS 1400, illustrated on page 40. Size 3" x 1 1/2", 6/3 each.



No. PHO 1102 Iron Gate Lock, two brass bolts, with follower, stub ward, self colour.

5"	5 1/2"	6"
126/-	133/-	140/- dozen.
10/8	11/2	11/9 each.

No. PHO 1103 Ditto, ditto, solid ward, self colour.

5"	5 1/2"	6"
147/-	154/-	161/- dozen.
12/4	13/-	13/6 each.

If Japanned, 8/9 dozen ; 9d. each extra.

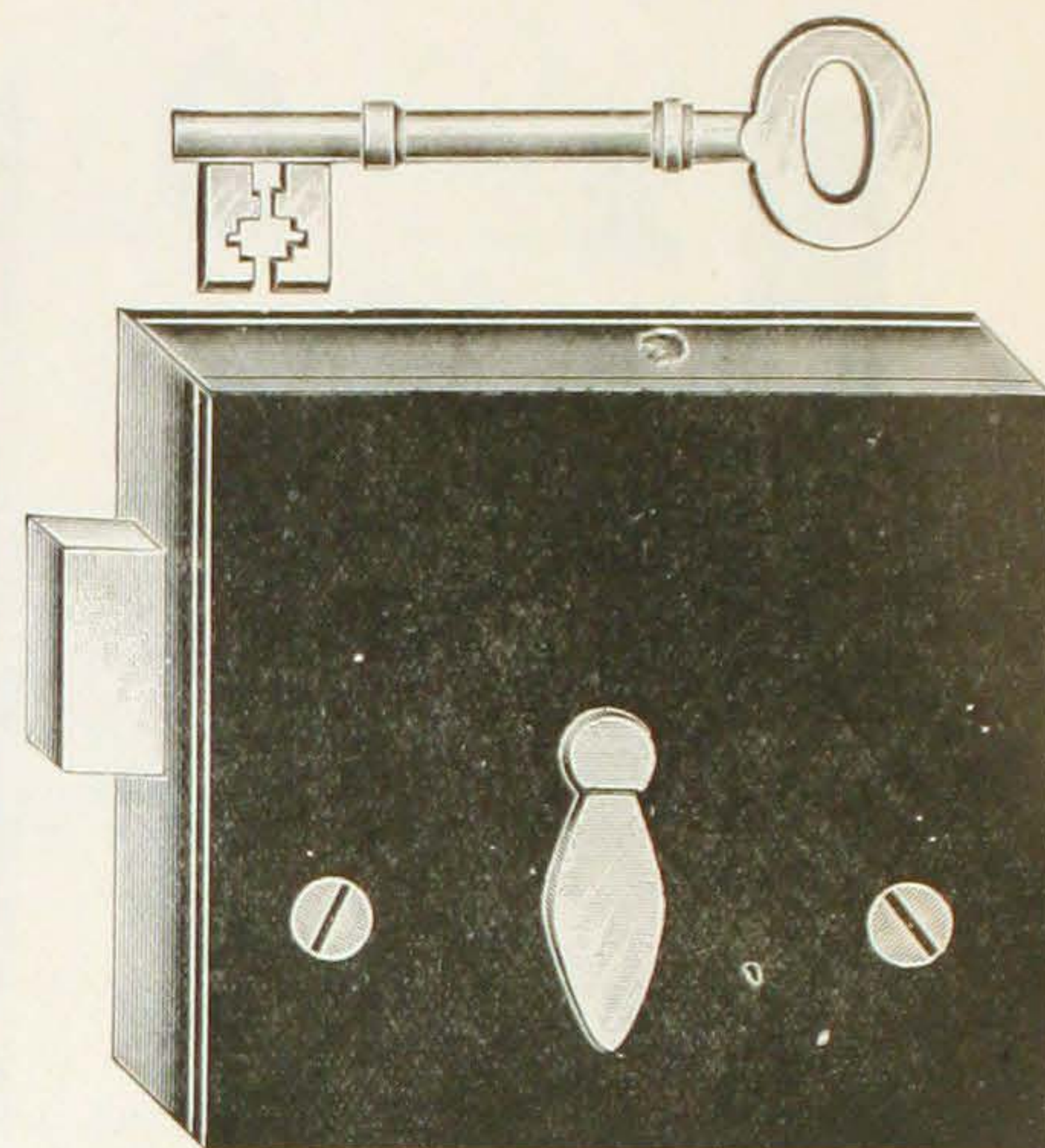
If Galvanised, 14/- dozen ; 1/3 each extra.

No. PHO 1098 Iron Gate Lock, 5" x 4 1/2" x 1 1/8", rough scoured, 2 brass bolts, brass solid ward, brass follower and drop, feather spring.

4"	4 1/2"	5"	5 1/2"	6"
164/6	164/6	164/6	182/-	199/6 dozen.
14/-	14/-	14/-	15/6	16/9 each.

If Galvanised, 15/6 dozen extra ; or 1/6 each extra.

Iron Gate Locks



No. PHO 1100 Iron Gate Lock, stub ward, one brass bolt, self colour.

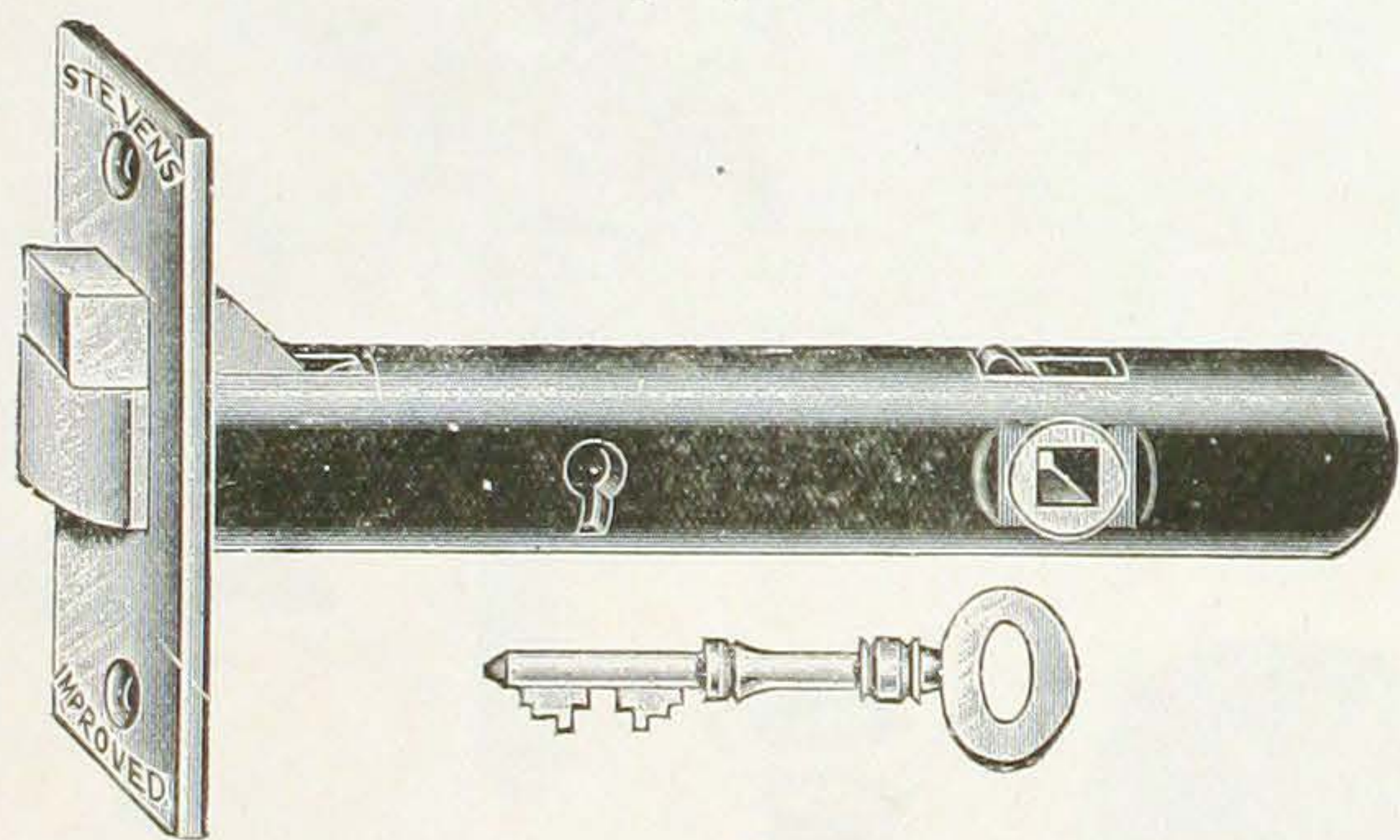
5"	5 1/2"	6"
70/-	77/-	84/- dozen.
6/-	6/6	7/2 each.

No. PHO 1101 Ditto, solid ward, one brass bolt, self colour.

5"	5 1/2"	6"
91/-	98/-	105/- dozen.
7/8	8/3	8/10 each.

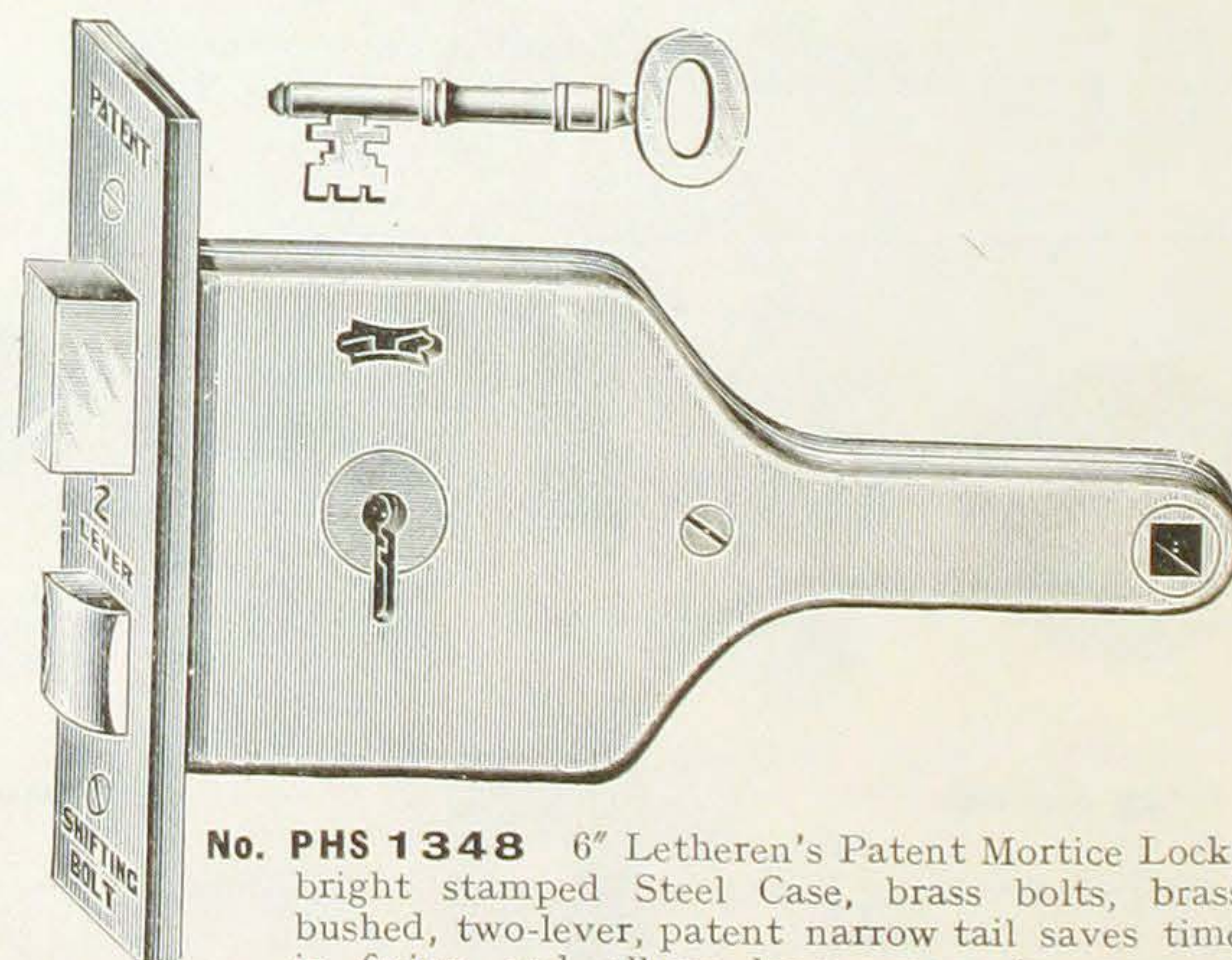
If Japanned, 8/9 dozen ; 9d. each extra.

If Galvanised, 14/- dozen ; 1/3 each extra.

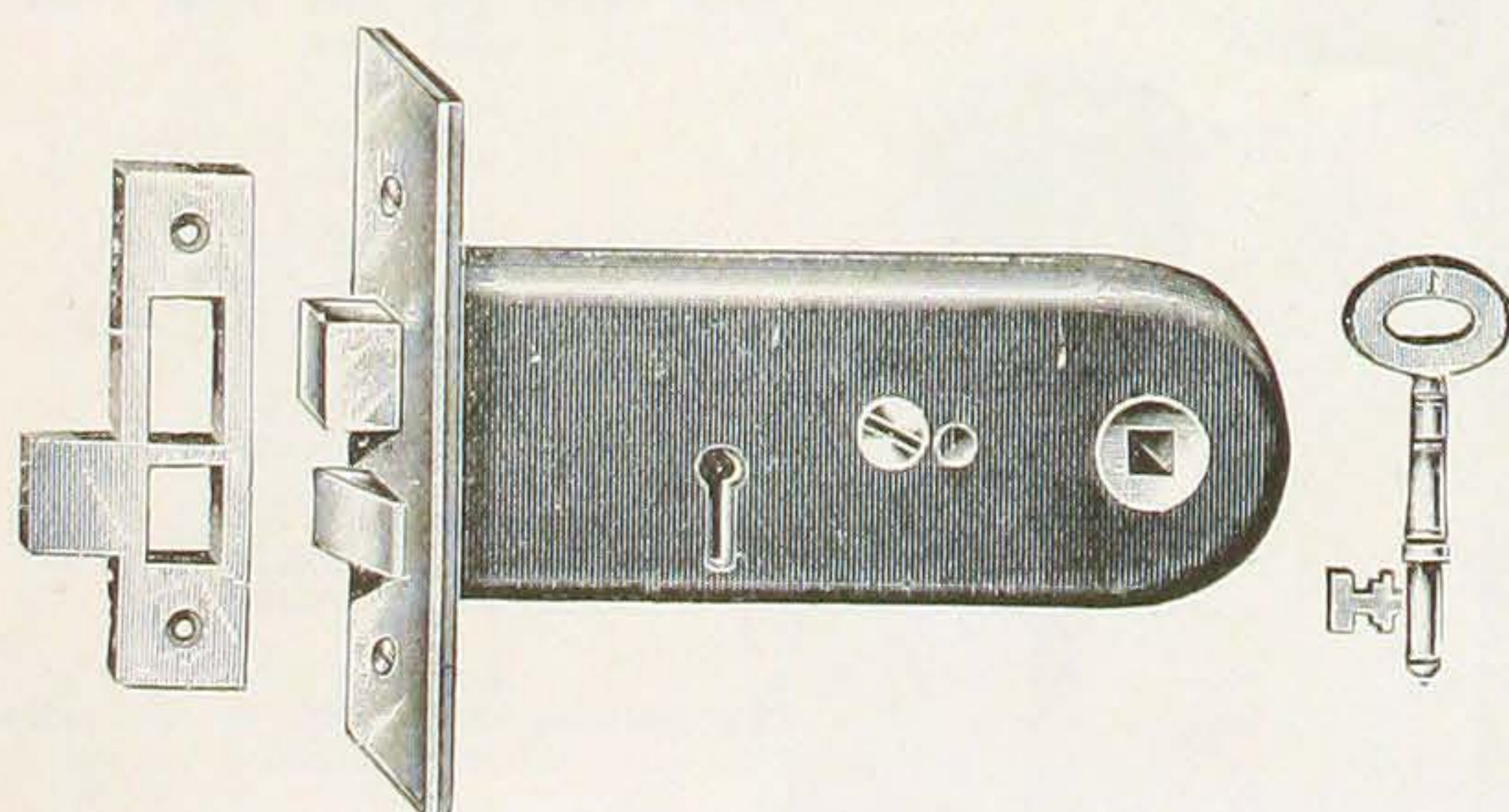


No. PHS 402 6" Steven's Improved Mortice Barrel Lock, japanned case, brass fore-end and bolts, 58/9 per dozen, 5/- each.

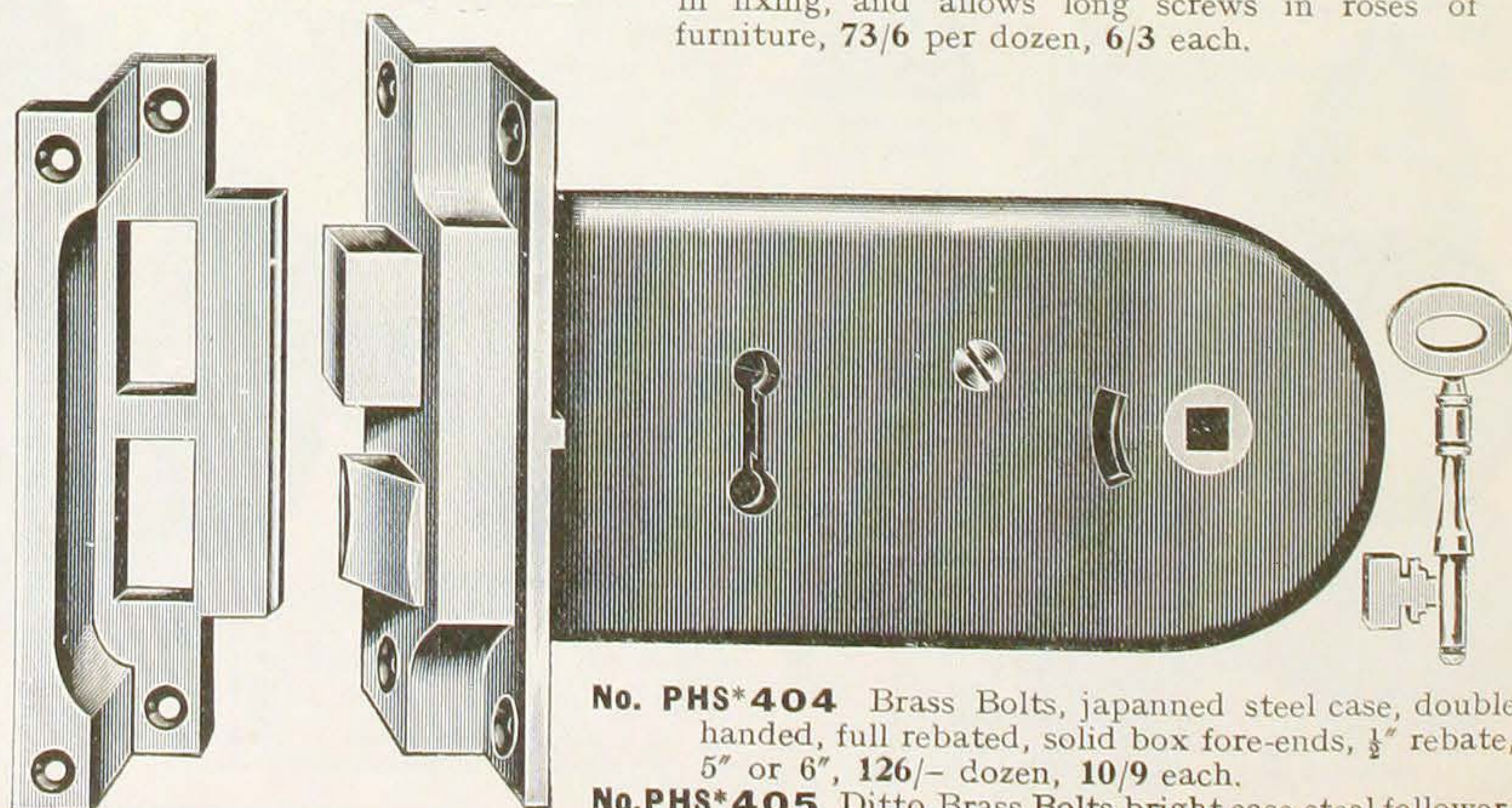
Saves 75% labour in fixing. Can be fixed with 1" centre bit. Does not weaken tenons of door.



No. PHS 1348 6" Letheren's Patent Mortice Lock, bright stamped Steel Case, brass bolts, brass bushed, two-lever, patent narrow tail saves time in fixing, and allows long screws in roses of furniture, 73/6 per dozen, 6/3 each.



No. PHS 403 Japanned Steel Case, steel action, reversible brass bolts, 5 1/2" x 1 7/8" wide, thickness 1/8", 38/6 per dozen, 3/6 each.



No. PHS*404 Brass Bolts, japanned steel case, double handed, full rebated, solid box fore-ends, 1/2" rebate, 5" or 6", 126/- dozen, 10/9 each.

No. PHS*405 Ditto, Brass Bolts, bright case, steel follower, brass bushed, 5" or 6", 136/6 dozen, 11/6 each.

"B" Basis.

PHS—Stock Line ; PHO—To order only.

*Stocked only in 6".

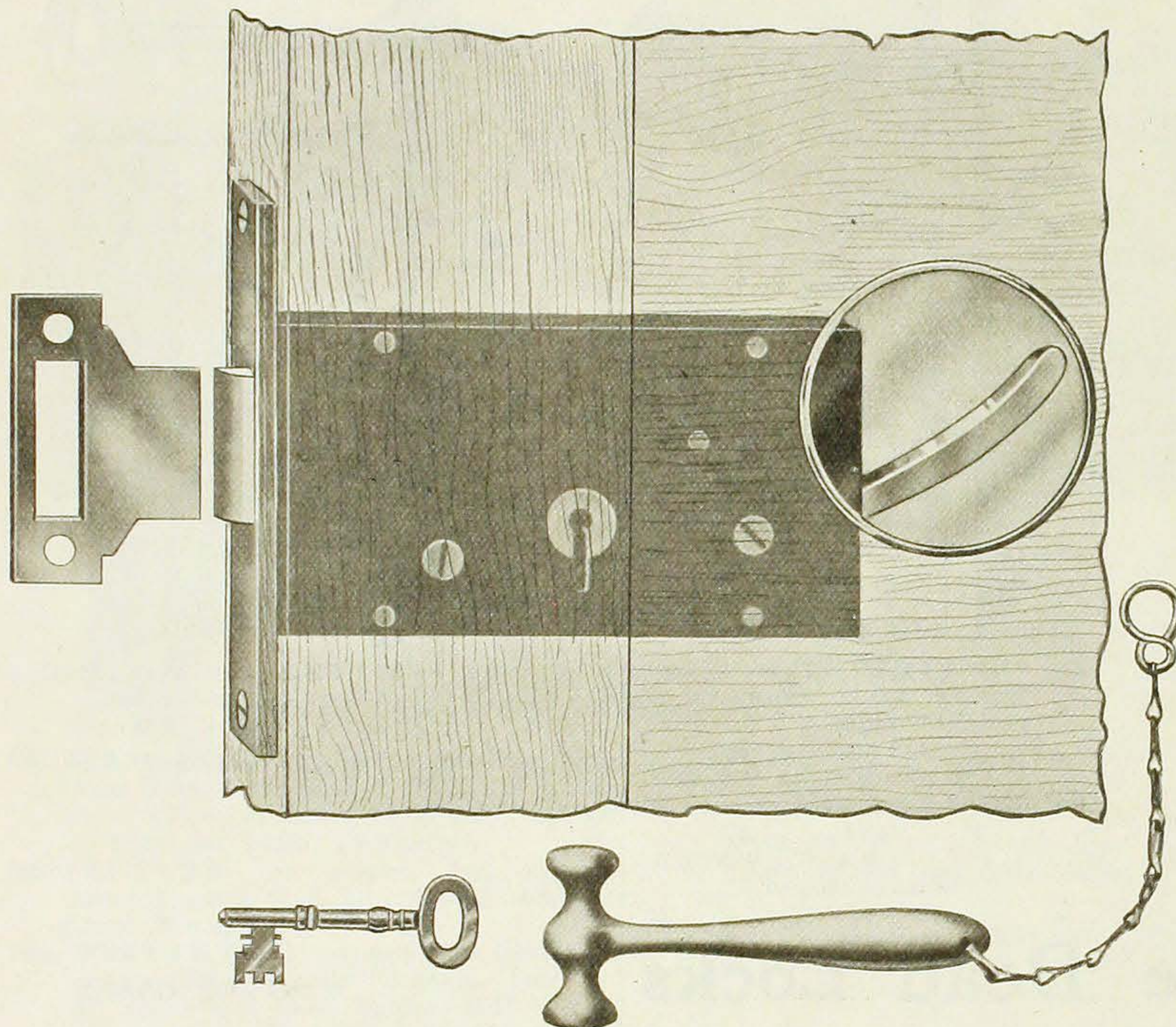
The "Bi-Side" Fire Alarm Lock and Equipment

The Substitute for Panic Bolts.

No. PHO 3610

Passed by the L.C.C.

In addition to fulfilling all the L.C.C. Emergency Exit Regulations, the "Bi-side" Fire Alarm Lock also prevents work-people and others, from gaining unauthorized exit, from their duties. Such exit is so easily accomplished, where panic bolts are fixed. The "Bi-Side" Fire Alarm Lock is generally fixed on doors giving access to Fire Escape Stairs, or on Interdepartmental Doors. In the latter case, the door being glazed both sides, while providing a ready means of exit, either way, in case of emergency, the Lock also ensures the precincts of one department from being encroached upon unlawfully.



Fixing and operation.

The door may be glazed with thin glass as shewn, both sides, circular in shape, 3" in diameter.

The Chain and Mallet are fixed in an adjacent position and the width 3" when the glass is broken by the mallet is just sufficient for the easy insertion of the thumb to press down tail of bolt and open without the aid of the key.

Apart from the above method the key is the only means of opening.

ADVANTAGES OVER PANIC BOLTS.

1. While fulfilling the purpose of Panic Bolts, prevent unauthorised exit.
2. Less costly.
3. Easier to fix.
4. Not Unsightly.
5. No sticking nor jamming in operation.
6. Panic Bolts can only be worked from one side.
The "Bi-Side" when door is glazed both sides, can be worked from either side.
7. Also adaptable as Fire Alarm Box Lock for Schools, Institutions, Sanatoria, etc., enclosing Hose and Fighting Equipment.

DESCRIPTION AND PRICES.

No. PHO 3610 The "Bi-Side" Fire Alarm Outfit consists of a strong hand made 6" Mortice Lock, japanned iron case, satin black finish, $5\frac{3}{4}" \times 3\frac{1}{8}" \times \frac{5}{8}"$ thick, brass fore-end, strong brass bolt, feather spring action, with projecting thumb action at rear end of case, two lever, sash ward, brass bushed keyhole; lock only, 21/- each.

Extra for suiting: To differ and en suite 1/9 each extra

Sub-Master Keys	...	...	4/6 each extra.
Grand Master Keys	...	...	6/3 " "
Extra ordinary Keys	...	...	1/6 " "

No. PHO 3612 Solid Brass Mallet overall measurements, $4\frac{1}{2}" \times 1\frac{1}{8}"$, diameter of heads $\frac{3}{4}"$, with approximately 6" of chain, 3/9 each.

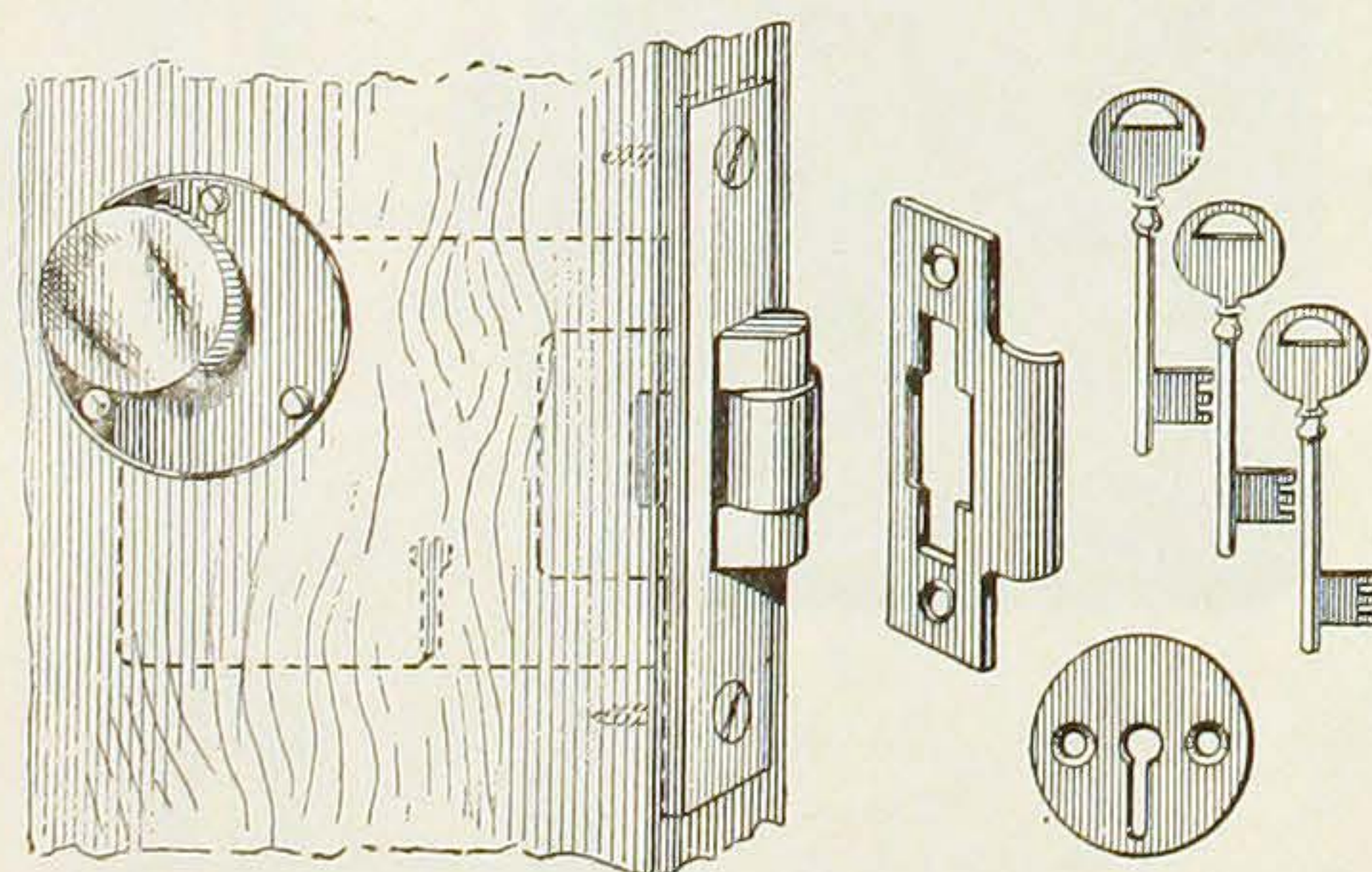
Cost of complete Outfit, 24/9 each.

The "Forward" Ball-Bearing Roller Bolt Locking Latch

Double Handed without reversing Bolts.

No. PHS*5399

Locks up from inside and outside.



No. PHS*5399 Locking Latch, japanned stamped steel case, $3\frac{1}{2}" \times 2\frac{1}{2}" \times \frac{7}{16}"$ thick, Patent ball bearing Roller Bolt in Brass, solid brass fore-ends, two brass levers, brass striking plate, steel action, phosphor bronze springs to bolts and levers. Brass chequered head knob, 1" diameter, strong brass rose $1\frac{3}{4}"$, steel spindle, strong brass keyhole escutcheon, three nickel plated keys, $2\frac{1}{4}"$, complete with necessary fixing screws in cardboard box.

Polished Brass, 75/- doz., 6/6 each.

If Brass, C.B. and R. finish, 81/- doz., 7/- each.

*Stocked only in Brass, C.B. & R. Finish, not in Polished Brass.

Supplied ordinary differs without extra charge.

The advantages claimed for this Locking Latch over the Cylinder Latch are as follows:

1. It has the extra security of being able to lock from inside or outside as well as latch, and is double handed.
2. Being morticed into the door it does not disfigure the stile of the door like the Rim Latch, neither is the door post cut for and disfigured by the outside staple.
3. The bolt shoots into the door post, whereas the Cylinder Latch Bolt shoots into a staple fastened on to the door post with screws and consequently the security of the latch depends upon the screws holding out under pressure.
4. It has English lever keys, no larger than flat keys, so much favoured with the Cylinder Latch and has not their saw-like edges.
5. It costs less.

Instructions re Catch for Bolt.

When the Bolt is not required to latch, turn the knob towards the Bolt until it engages a Catch which holds the bolt in the drawn-back position.
To release turn the knob away from the bolt.

It is an easy matter for a thief to obtain entrance to a house if the Front Door has glass panels, and is only fastened by a Cylinder Night Latch.

All the thief has to do is to either cut a hole in the glass with a glazier's diamond, or break a pane with a blow, put his hand through into the hall, turn the knob and the door is opened.

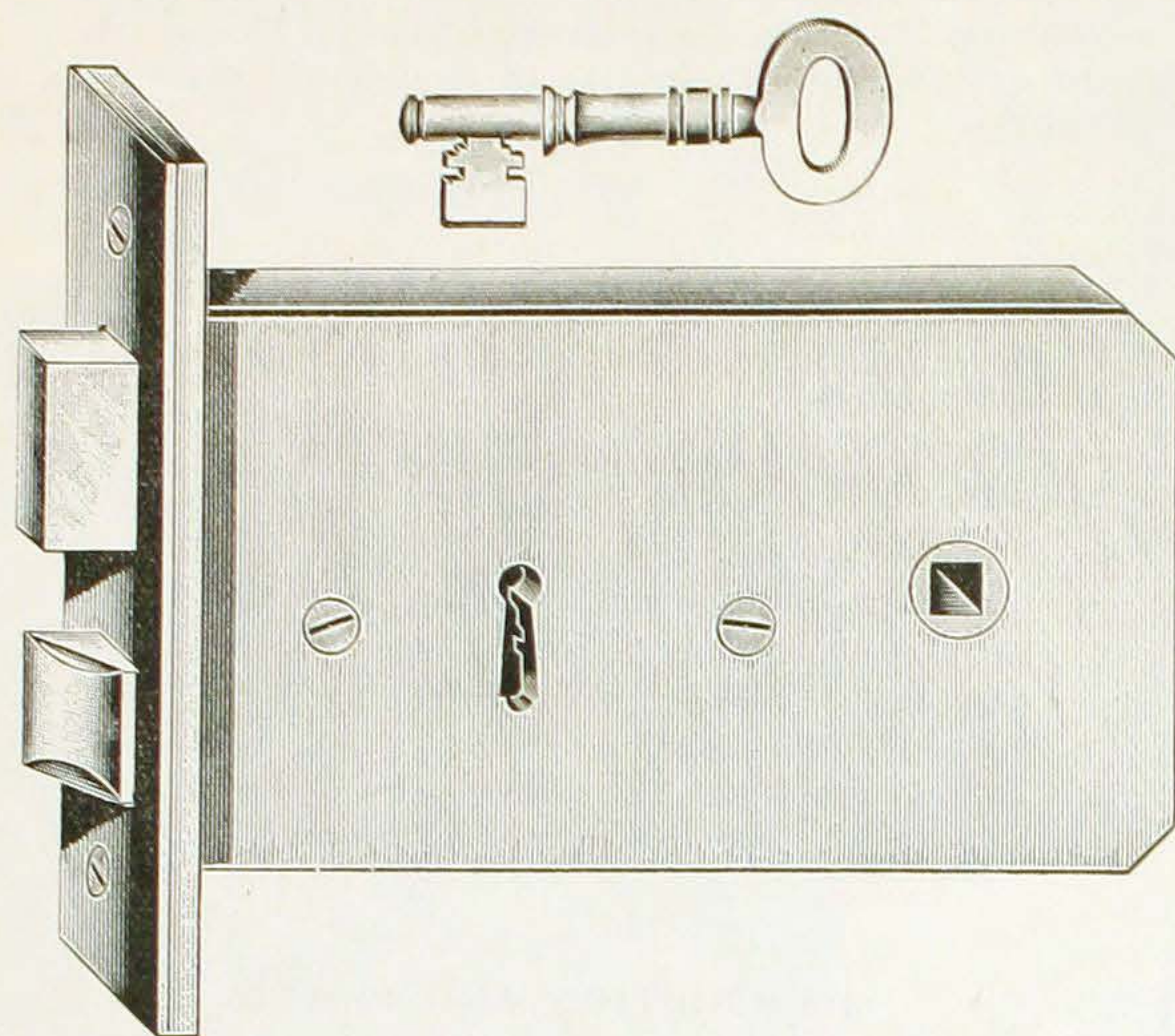
To overcome and prevent this, these Locking Latches have been constructed, which, while filling the latching functions of cylinder latches, and having small keys, are also locks.

With these Locking Latches on the door it is possible for the proprietor when leaving home, to latch the door as is done by the Cylinder Latch, but, in addition, to lock the latch bolt from the outside and at the same time prevent the knob from being turned from inside.

These Locking Latches are extensively used for Housing Schemes and are most satisfactory.

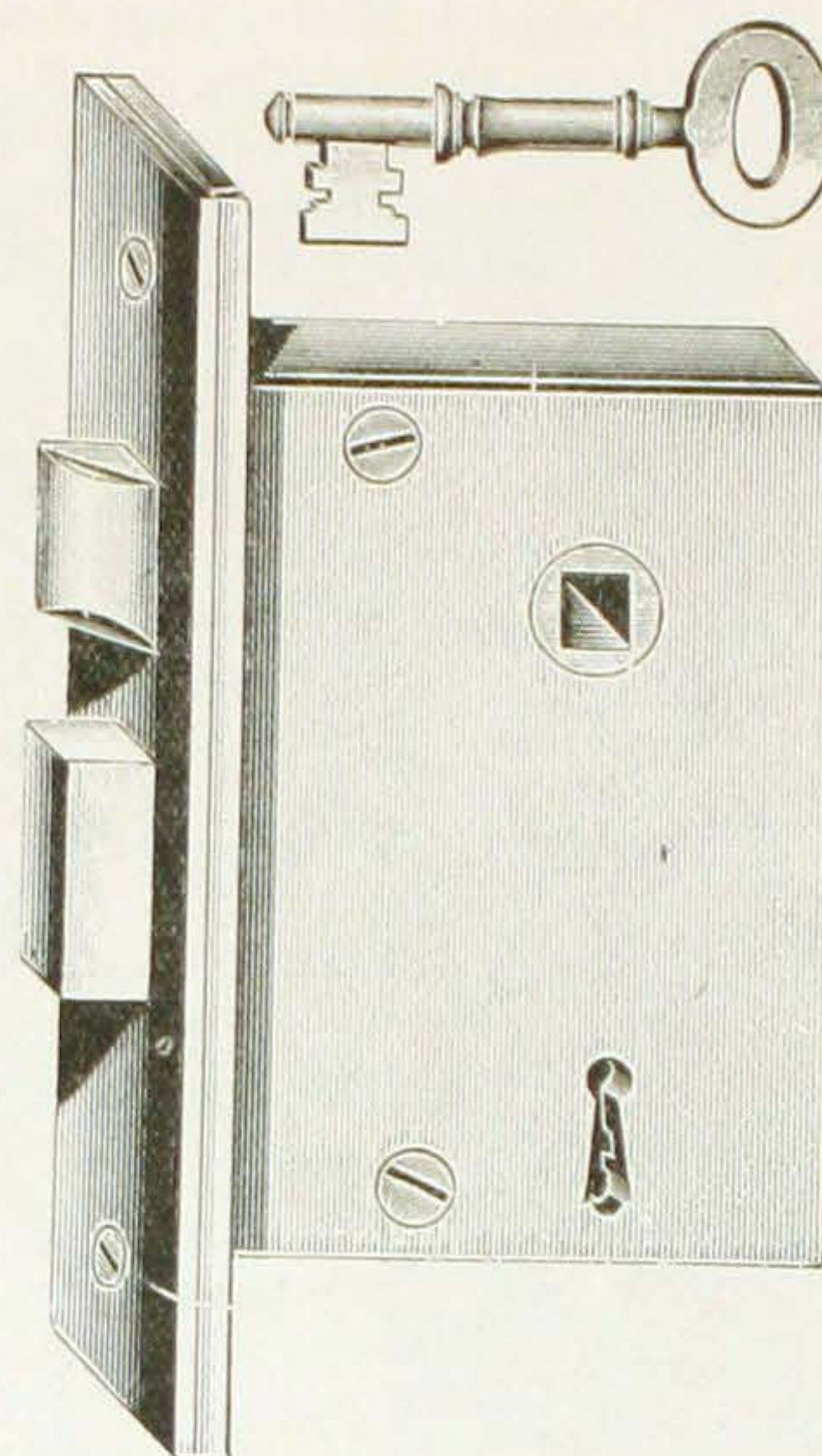
Brass Mortice Locks, etc.

Scale Half full size.



No. PHS 1164 Strong all brass Mortice Lock, with gun-metal keys, reversible bolts, 5", 9/8; 6", 10/6 each.

No. PHS 1163 Lighter, ditto, ditto, 5", 9/8; 6", 10/6 each.



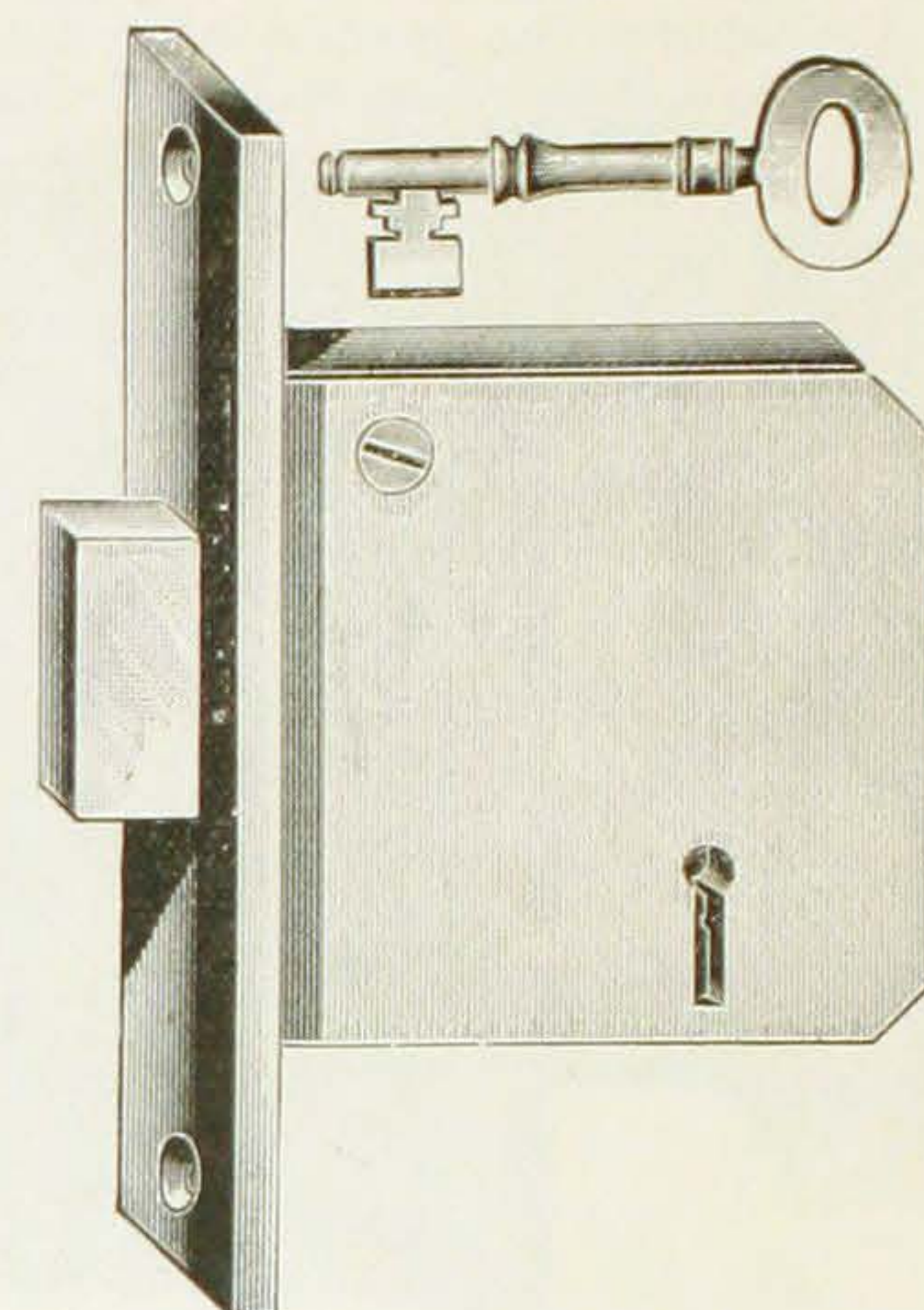
No. PHS*1162 All brass Upright Mortice Lock, gun-metal keys, reversible bolts.

3"	3 1/2"	4"
8/4	8/9	9/8 each.

No. PHS*1161 Lighter, ditto, ditto

3"	3 1/2"	4"
8/-	8/4	9/3 each.

*Stocked only in 3".



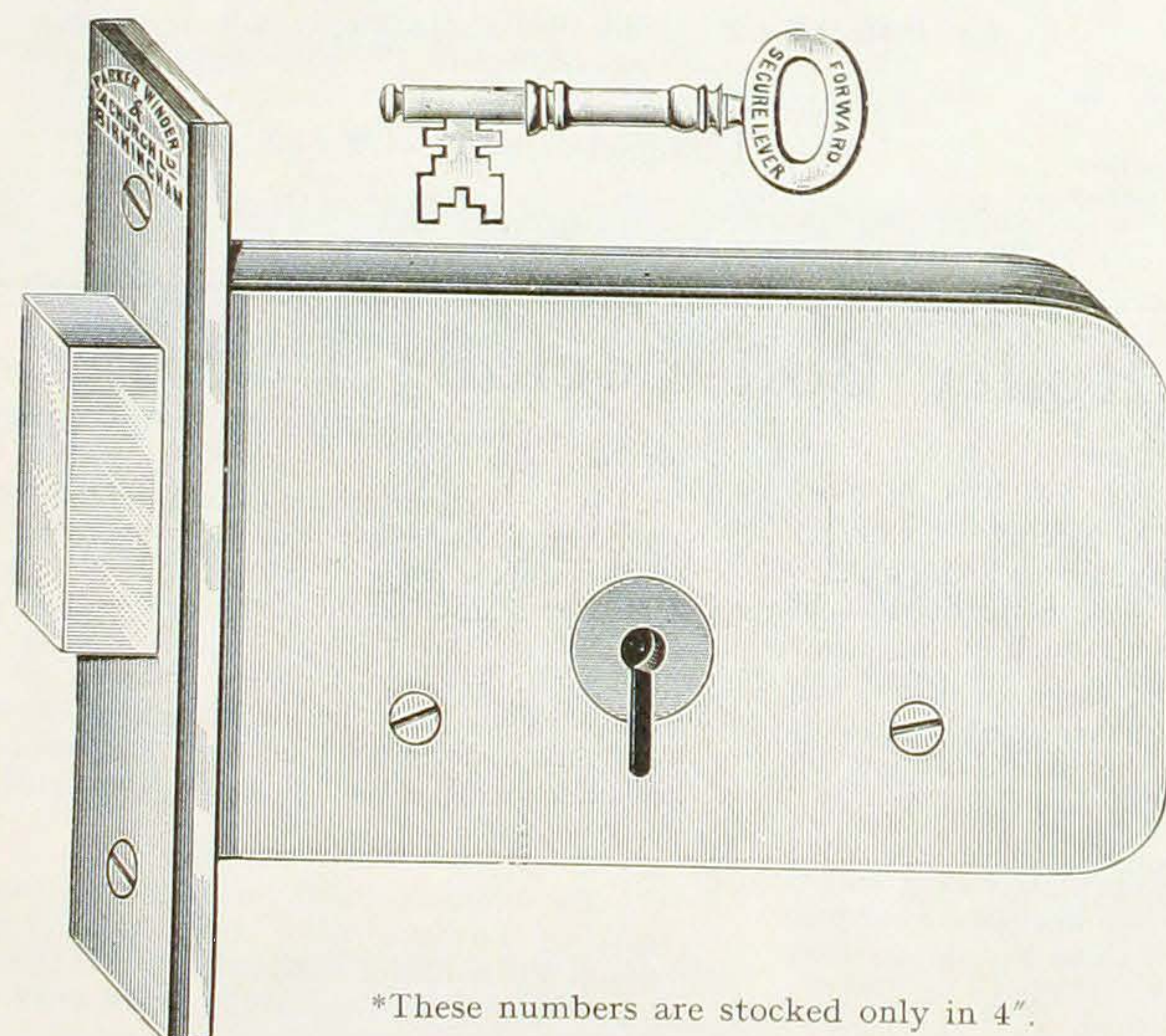
No. PHS*1152 All brass Mortice Dead Lock, gun-metal key.

2 1/2" and 3", 7/6; 4", 8/6 each.

*Stocked only in 3".

Mortice Dead Locks

STEEL CASES



*These numbers are stocked only in 4".

No. PHS*1196 Mortice Dead Lock, best quality, four-lever, hand made Steel Case, gun-metal bolt and bushes, extra strong and secure, 4" to 6", 13/3 each; 7", 14/6 each.

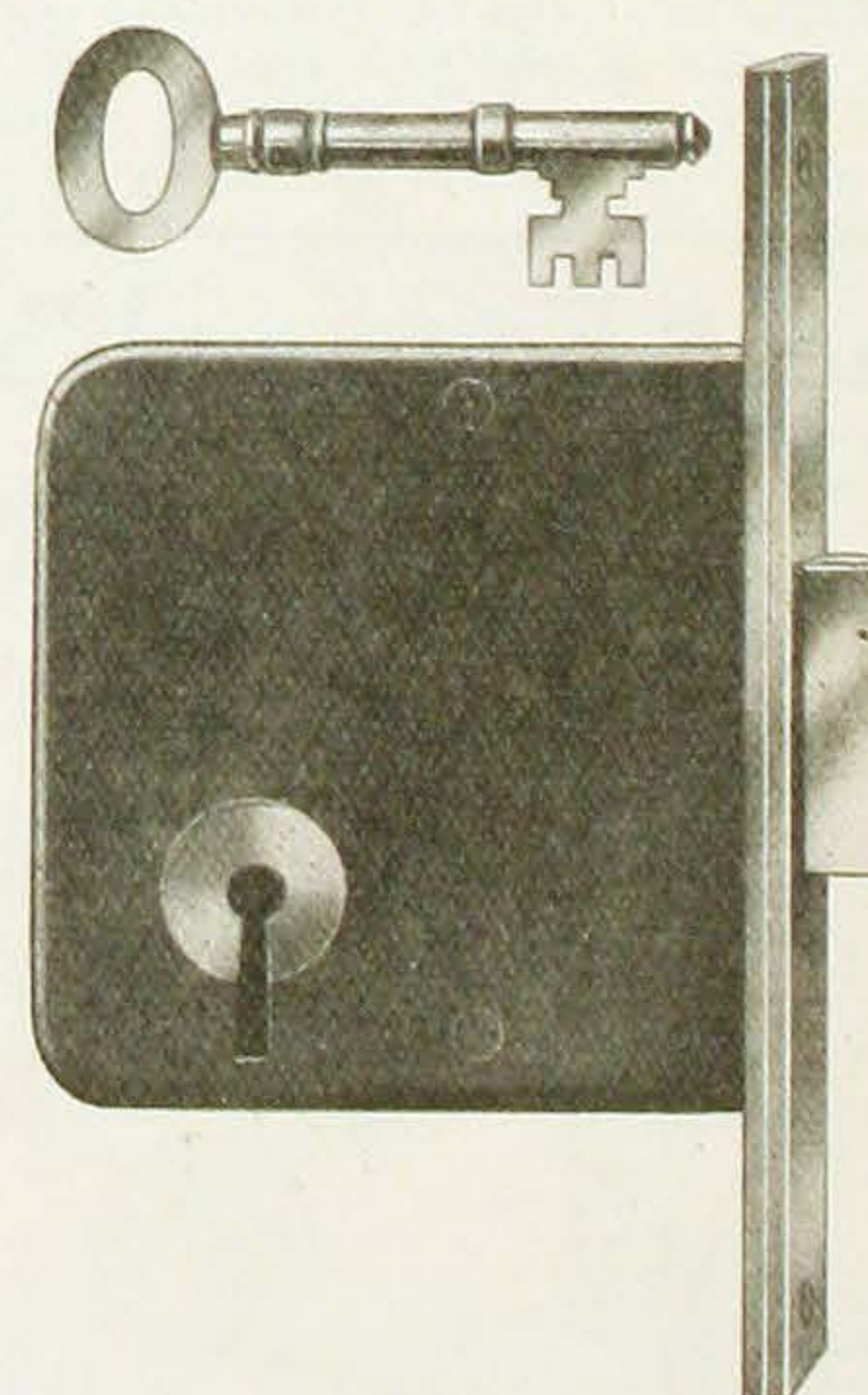
No. PHS*1195 Ditto, strong, two-lever, brass bolt and bushes, 4" to 6", 11/6 each.

No. PHS*1194 Ditto, two-lever, brass bolt, medium strength, 2" to 6", 10/6 each.

No. PHS*3608 Mortice Dead Lock, brass bolt and bushes, 2", 2 1/2", 3", 3 1/2" and 4". Two lever, 4/6 each; four lever, 6/- each.

No. PHS*1197 Ditto, two-lever, brass bolt, gun-metal bushes, hand made Steel Case, two keyed, 2" to 4", 7/- each.

No. PHO 1198 Ditto, four-lever, two keyed, 7/6 each.



*These numbers are stocked only in 2", 2 1/2" and 3" sizes.

No. PHS*1193 Mortice Dead Lock, japanned Steel Case, brass bolt, two-lever, sizes 2", 2 1/2", 3", 3 1/2", 4", 5" and 6", 7/- each, all sizes.

No. PHS*1192 Ditto, brass bolt, steel case, sash ward, 2", 2 1/2" and 3", 92/9 per dozen, 8/- each; 3 1/2", 97/3 per dozen, 8/3 each; 4", 101/6 per dozen, 8/6 each.

No. PHS*1191 Ditto, japanned case, one-lever, 2", 2 1/2" and 3", 58/8 per dozen, 5/- each; 3 1/2", 60/9 per dozen, 5/3 each; 4", 63/- per dozen, 5/6 each.

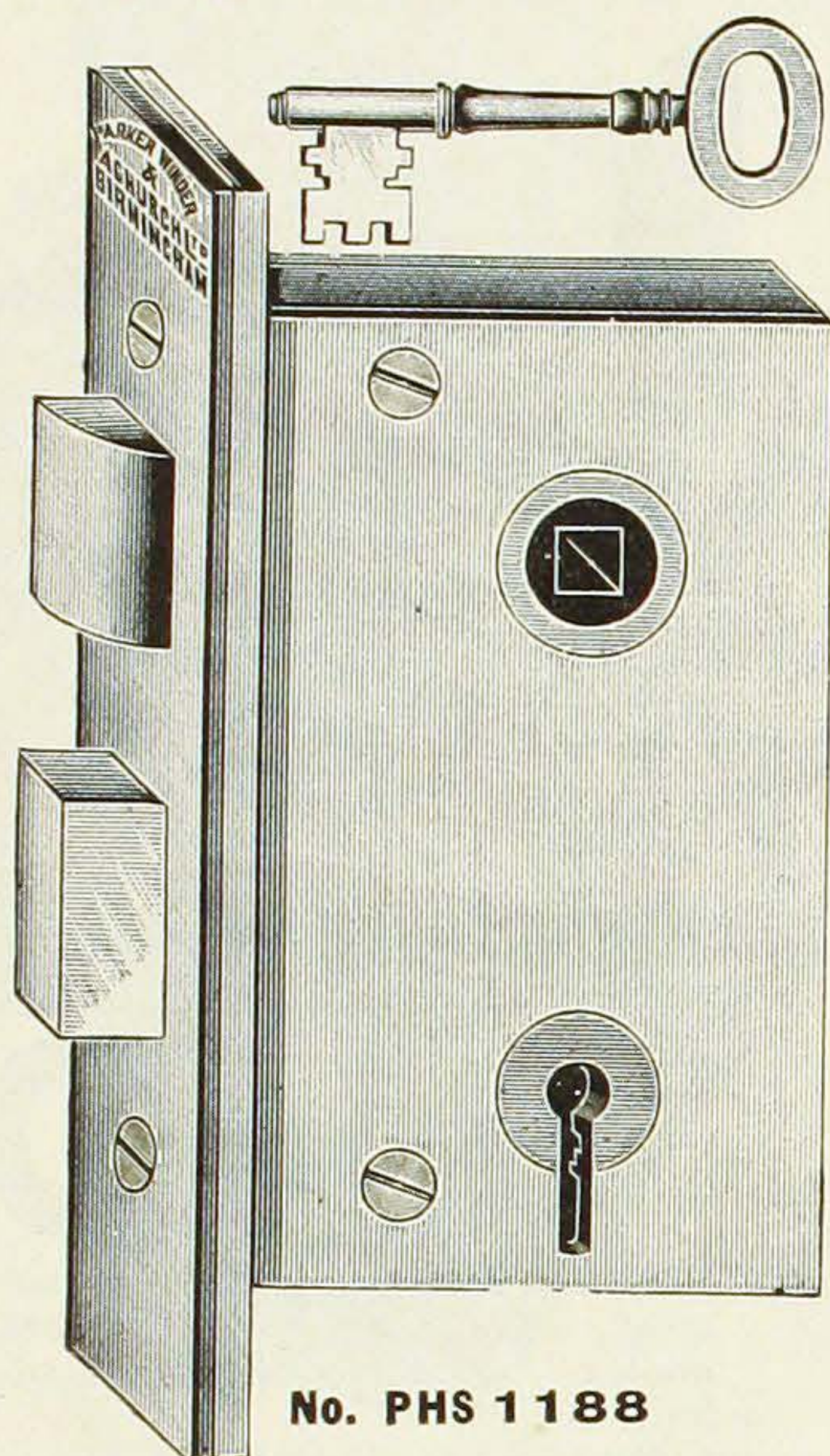
No. PHS*1190 Ditto, ditto, sash ward, one size only, 1 1/2", 49/9 per dozen, 4/3 each.

"B" Basis.

PHS—Stock Line; PHO—To order only.

Upright Mortice Sash Locks, etc.

Upright Mortice Locks.



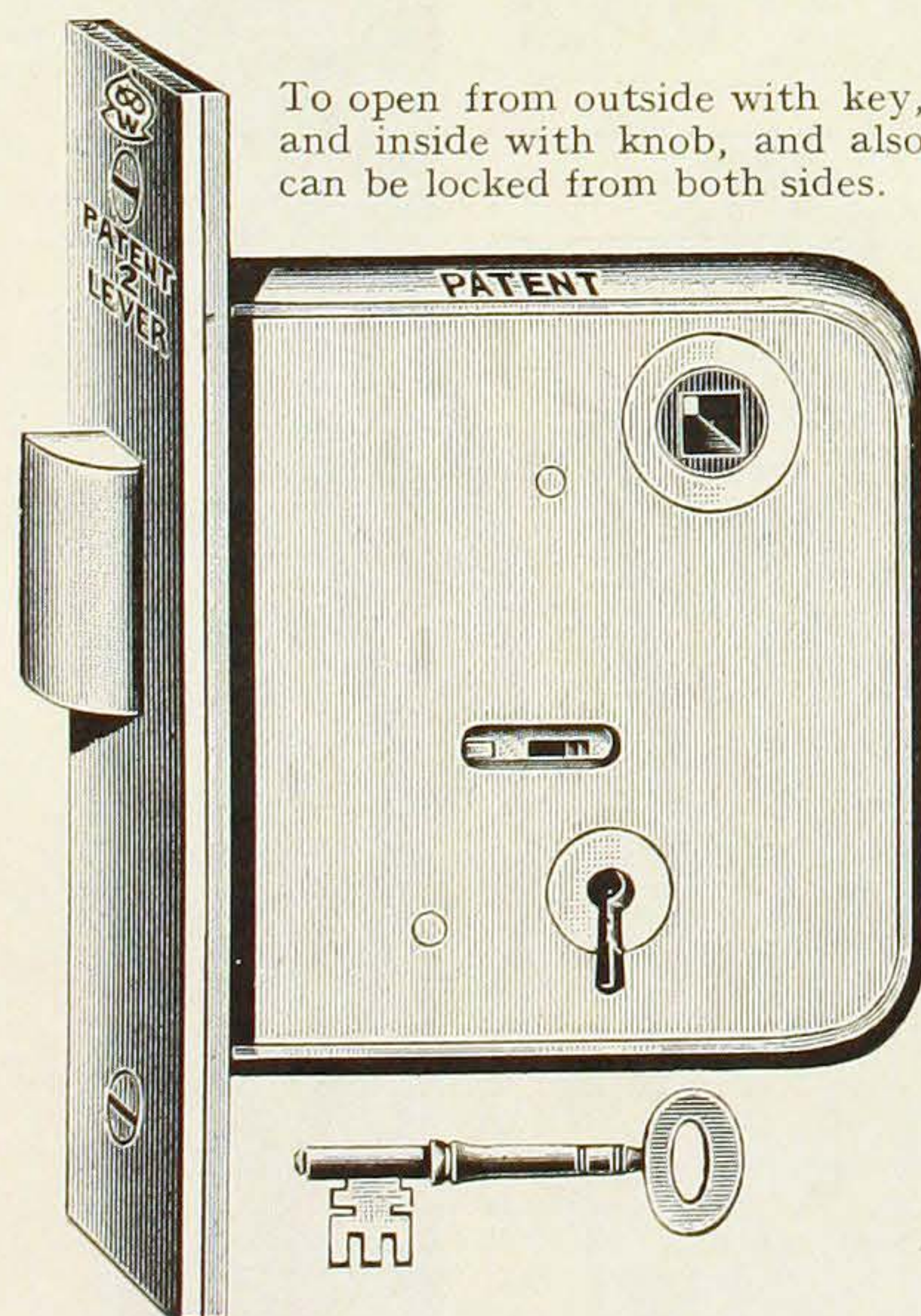
No. PHS 1188

No. PHS 1188 Strong two-lever, Steel Case, brass bolts, brass bushed, 2", 2½", 3", all one price, 168/- per dozen, 14/3 each; 3½" and 4", 180/- per dozen, 15/3 each.

No. PHS 1186 As above, but medium strength, same sizes, all one price, 63/- per dozen, 5/6 each.

***No. PHS 1187** Approximately as illustration but case having round corners, two-lever ½" Steel Case, brass bushes, B.M.A. bolts and fore-end, 3", 15/9 each; 3½" and 4", 16/9 each.

Mortice Hall Door Locks.



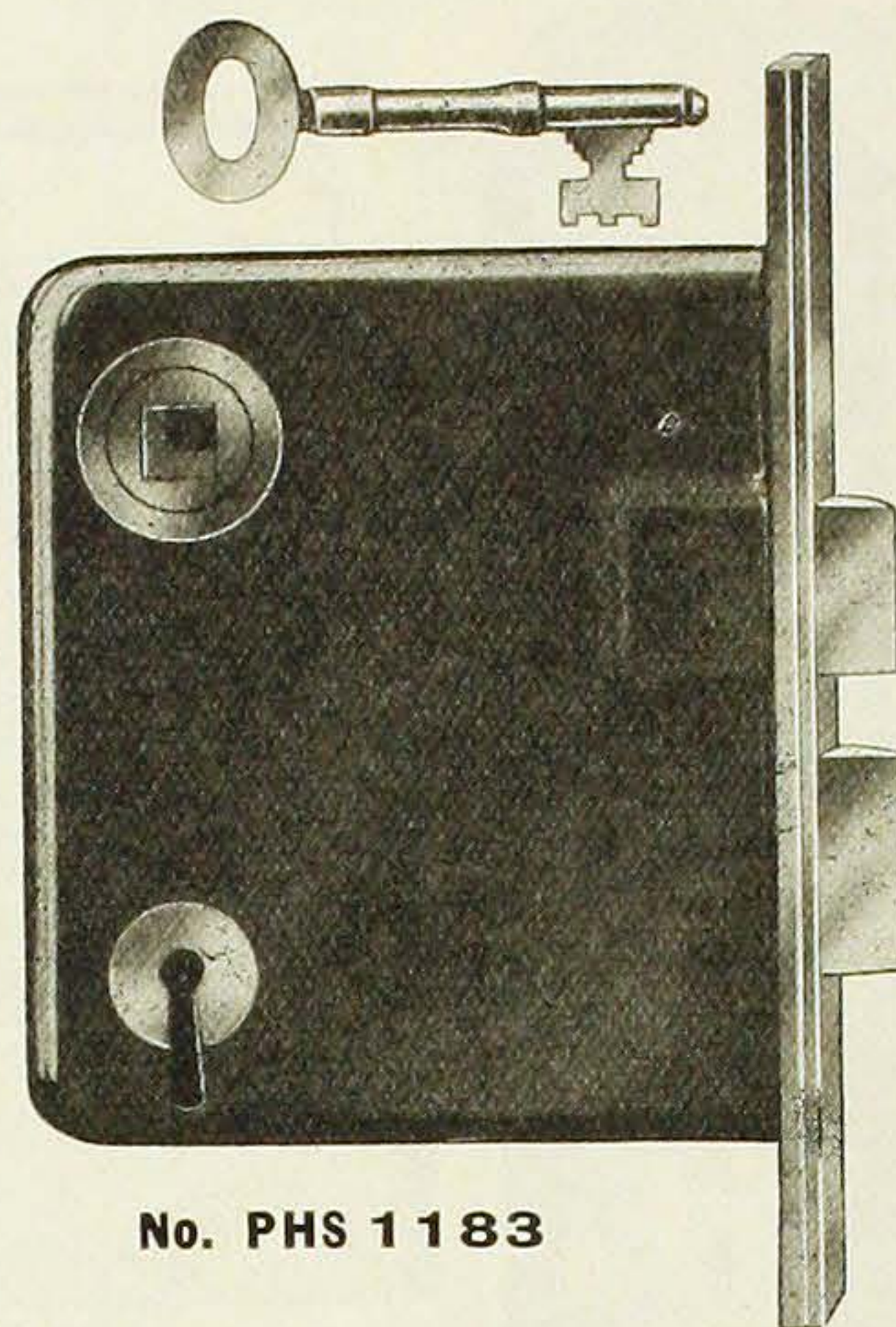
To open from outside with key, and inside with knob, and also can be locked from both sides.

No. PHS 1176 Strong, two-lever, steel case, brass bolt, to lock. Two keys each. Sizes, 2", 2½" and 3", all sizes, 18/9 each.

No. PHS 1175 Bright Steel Case, brass bolt, sash ward, not to lock. One key each. Sizes, 2", 2½" and 3", 13/- each, all sizes.

Extra for Suiting and Rebating see price list beneath centre panel on this page.

Upright Mortice Locks.



No. PHS 1183

***No. PHS 1183** Japanned Steel Case, brass bolts and bushes, two-lever, 3", 7/- each Extra for Phosphor Bronze Springs, 1/9 each lock extra.

No. PHS 1184 Japanned Steel Case, brass bolts, two-lever, sash ward, 2", 2½", 3" and 3½", all one price, 5/3 each. 4", 5/6 each.

***PHS 1179** Japanned Steel Case, B.M.A. bolts and fore-end, bushed, two-lever, 3", 12/3 each.

No. PHS 3604 Steel Case, brass bolts and bushes, two-lever, 5" and 6", 8/3 each, both sizes.

UPRIGHT MORTICE LOCKS.

THOSE marked with an asterisk* are built specially for use with lever handles and have an easy action to the latch bolt.

Their use will avoid the unsatisfactory appearance of the lever handle dropping out of position.

For a selection of Lever Handles see pages : Iron & Brass, 62 to 66
Antique ... 263

SUITING AND REBATING.

Extras for Suiting and Rebating, No. PHS 1176 and PHS 1175.

Suiting with Master Keys to pass No. PHS 1176, 2/9; No. PHS 1175, 3/1 each, extra.

No. PHS 1175 is not suitable for differing more than 50-60 satisfactorily.

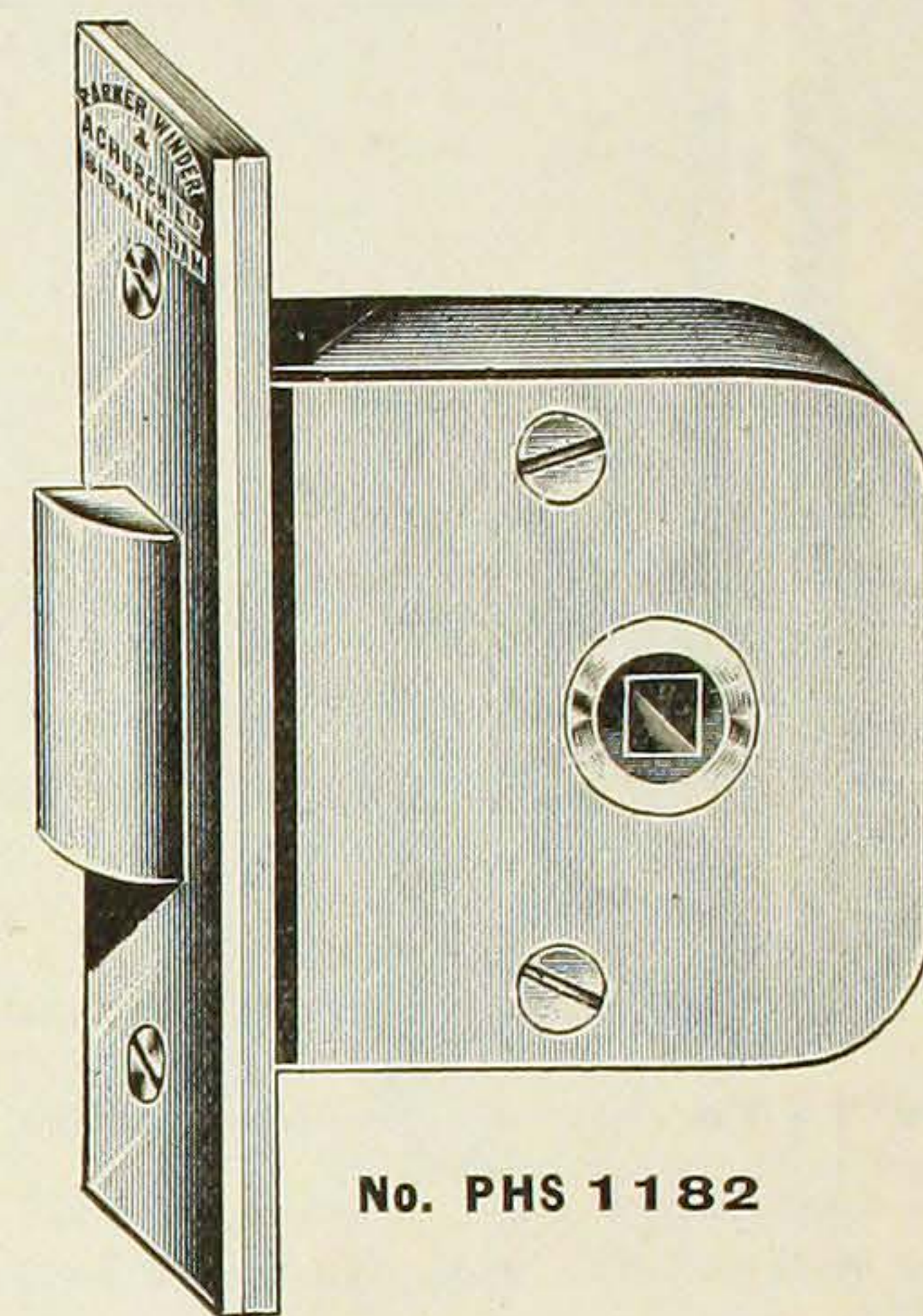
Master Keys, 5/3 each.

Grand Master Keys, 3/6 each.

Half Rebating, No. PHS 1176 and PHS 1175, 2/9 each extra.

Solid Full Rebating No. PHS 1176 and PHS 1175, 11/8 each extra.

Mortice Latches.



No. PHS 1182

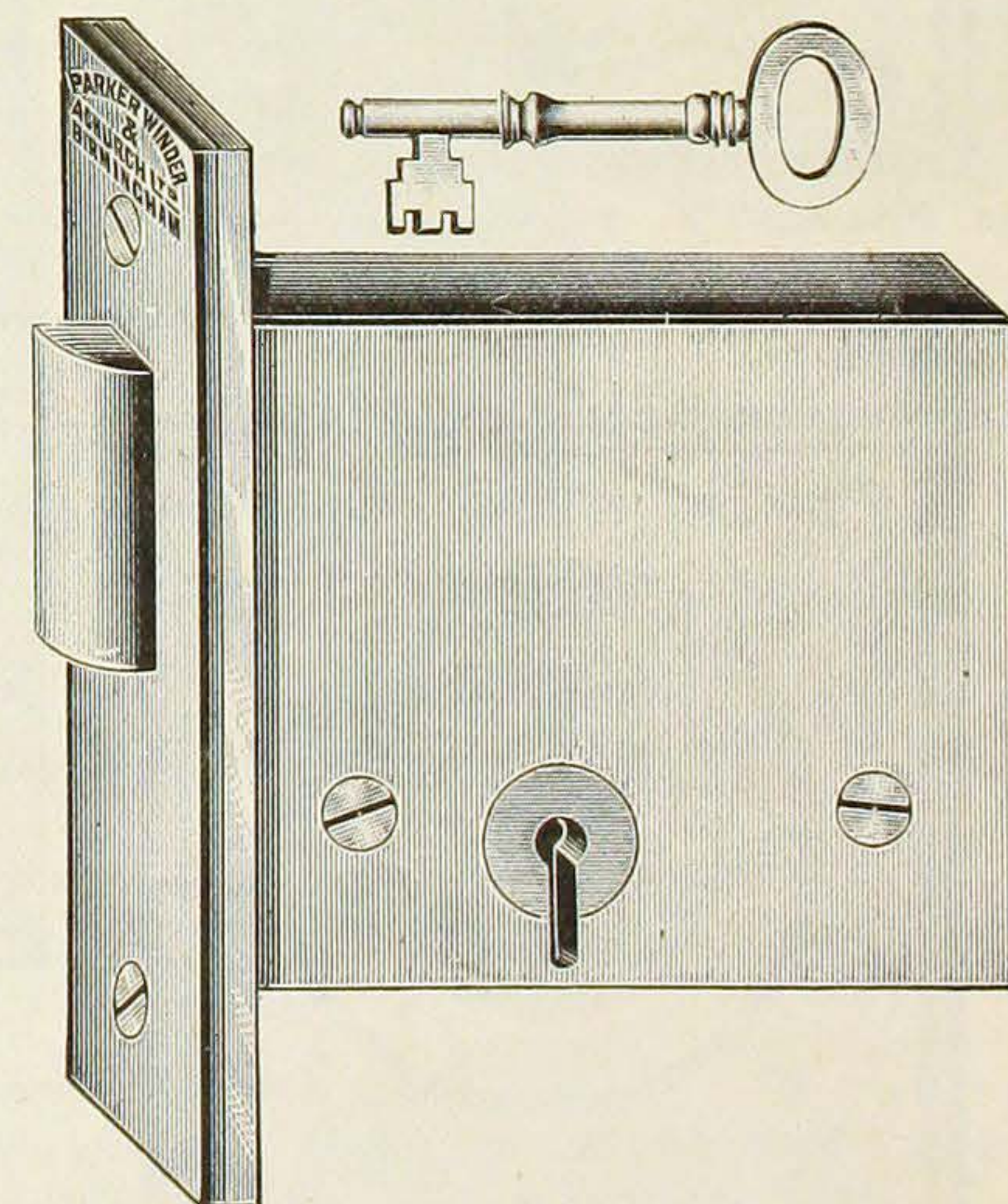
No. PHS 1182 Strong Steel Case, brass bolt, brass bushed, 2" to 4", 6/7 each.

No. PHS 1181 Steel Case, brass bolt, medium strength, 2", 2½" and 3", 77/- per dozen, 6/6 each; 4", 81/6 per dozen, 7/- each.

No. PHS 1180 Japanned Case, brass bolt, 1½" to 3", 50/- per dozen, 4/3 each.

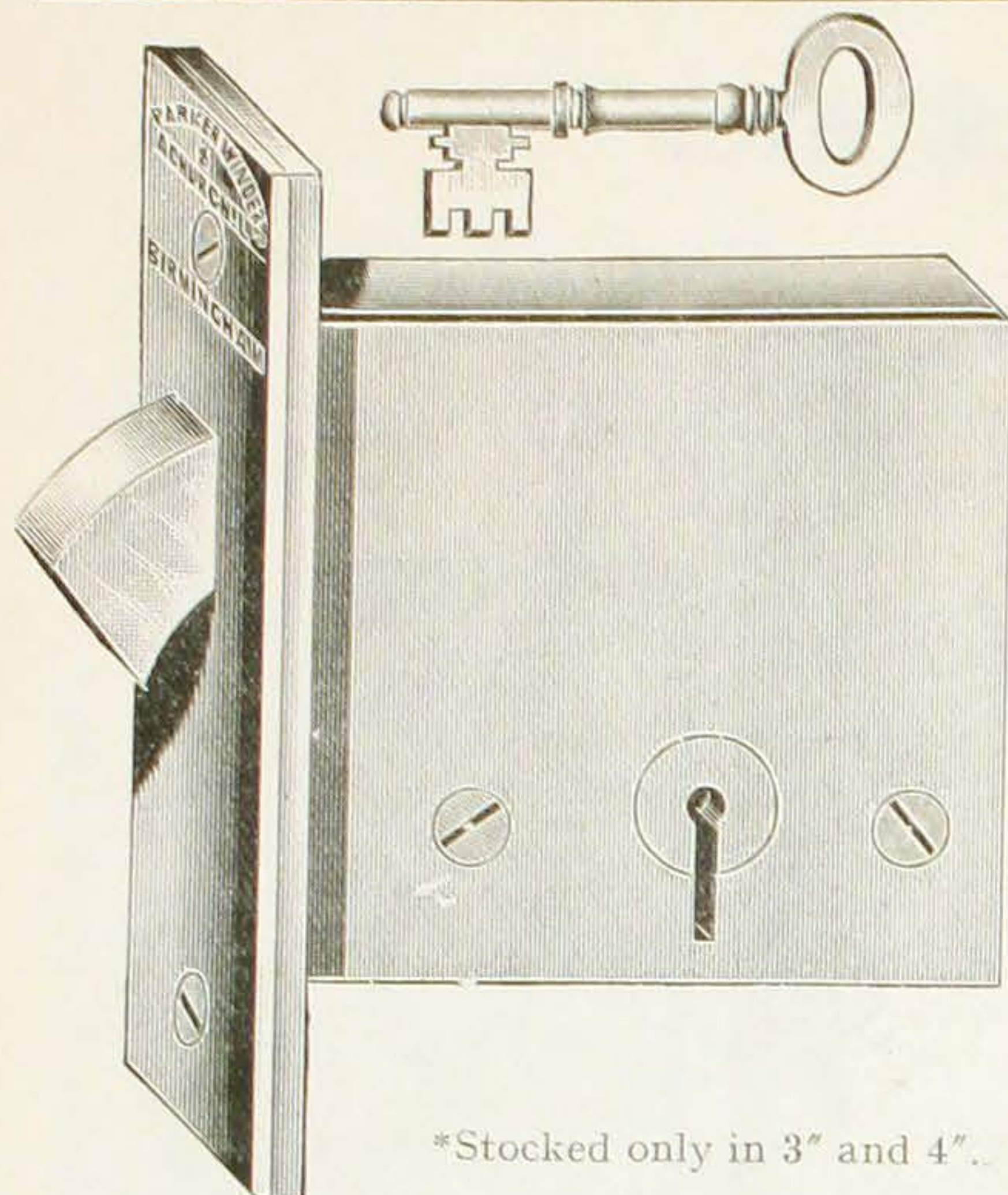
Mortice Dead Locks, to spring.

(To open with Key only).



No. PHS 1178 Strong steel Case, two-lever, brass bolt, brass bushed, to lock and spring, 3" or 4", 10/6 each.

No. PHS 1177 Medium strength, Steel Case, two-lever, brass bolt, brass bushed, to spring only, 3" or 4", 7/- each.



*Stocked only in 3" and 4".

No. PHS*1174 Strong, two-lever, steel case, brass bolt, brass bushed.

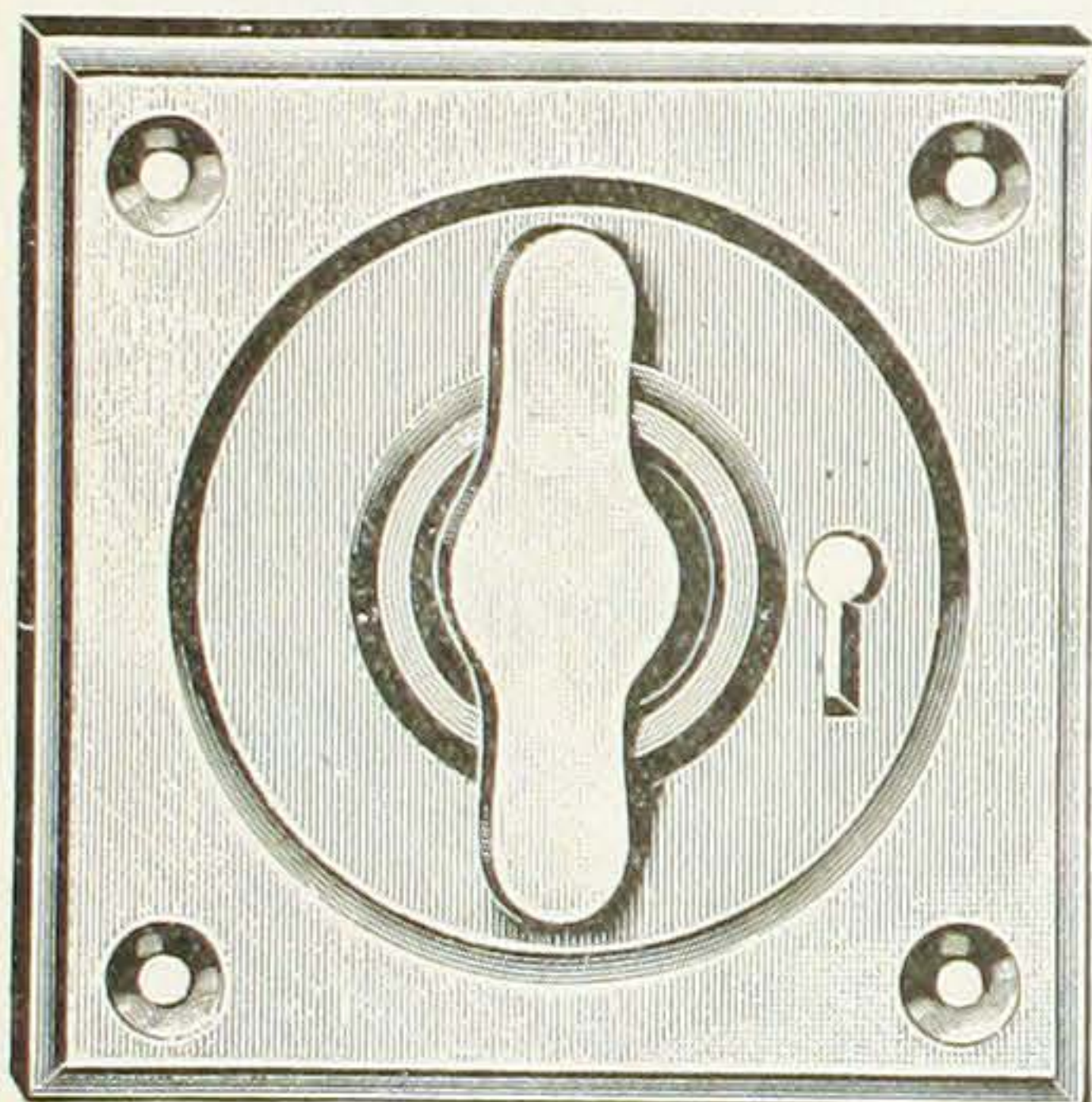
3"	3½"	4"	5"	6"
8/4	8/9	9/3	10/6	12/3 each.

No. PHO 1173 Japanned case, one-lever, brass bolt.

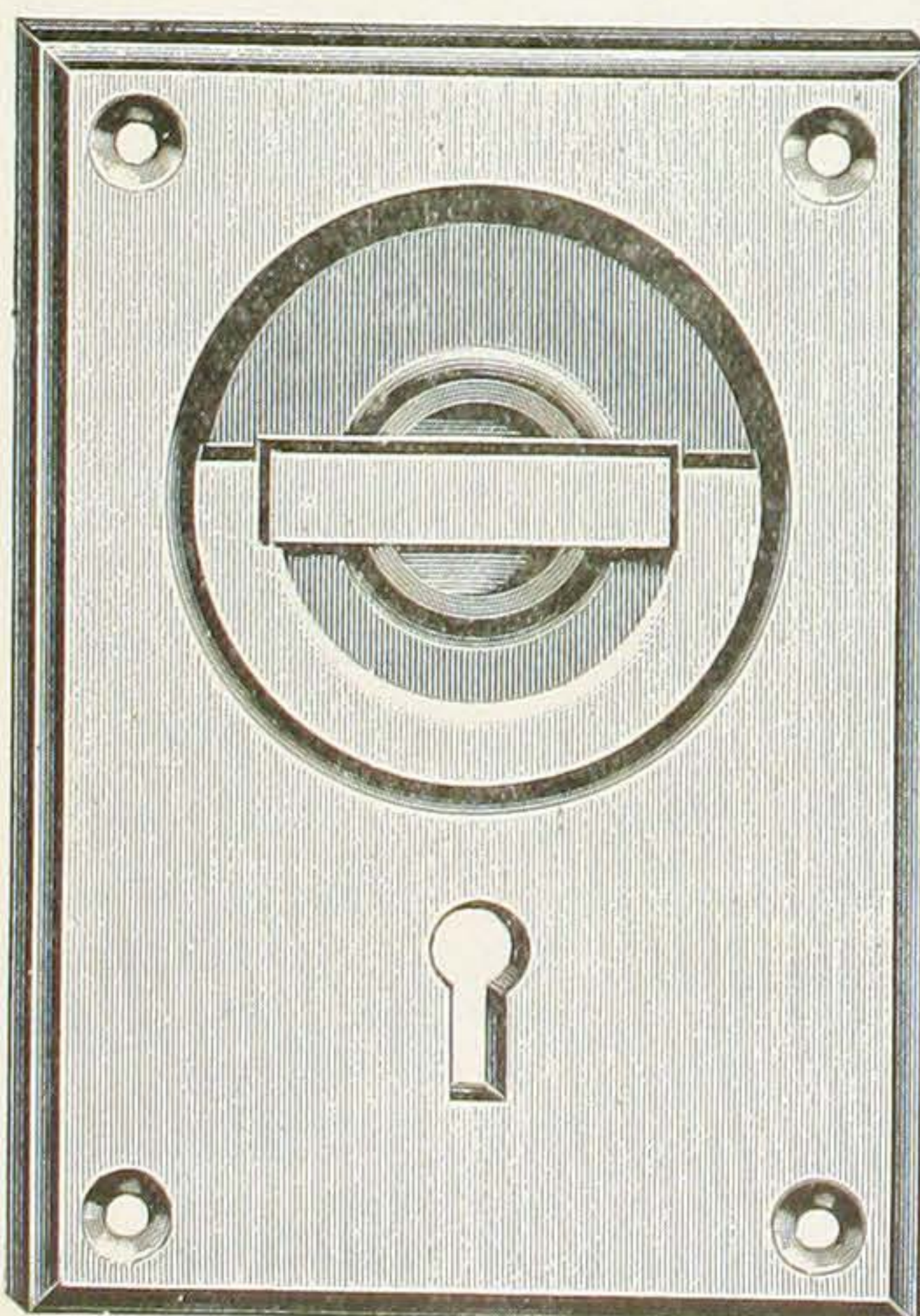
3"	3½"	4"	5"	6"
7/-	7/6	8/-	8/9	11/- each.

No. PHO 1158 All brass Sliding Door Lock, one hook bolt, gun-metal key.

2½"	3"	3½"	4"
7/6	8/-	8/3	9/3 each.

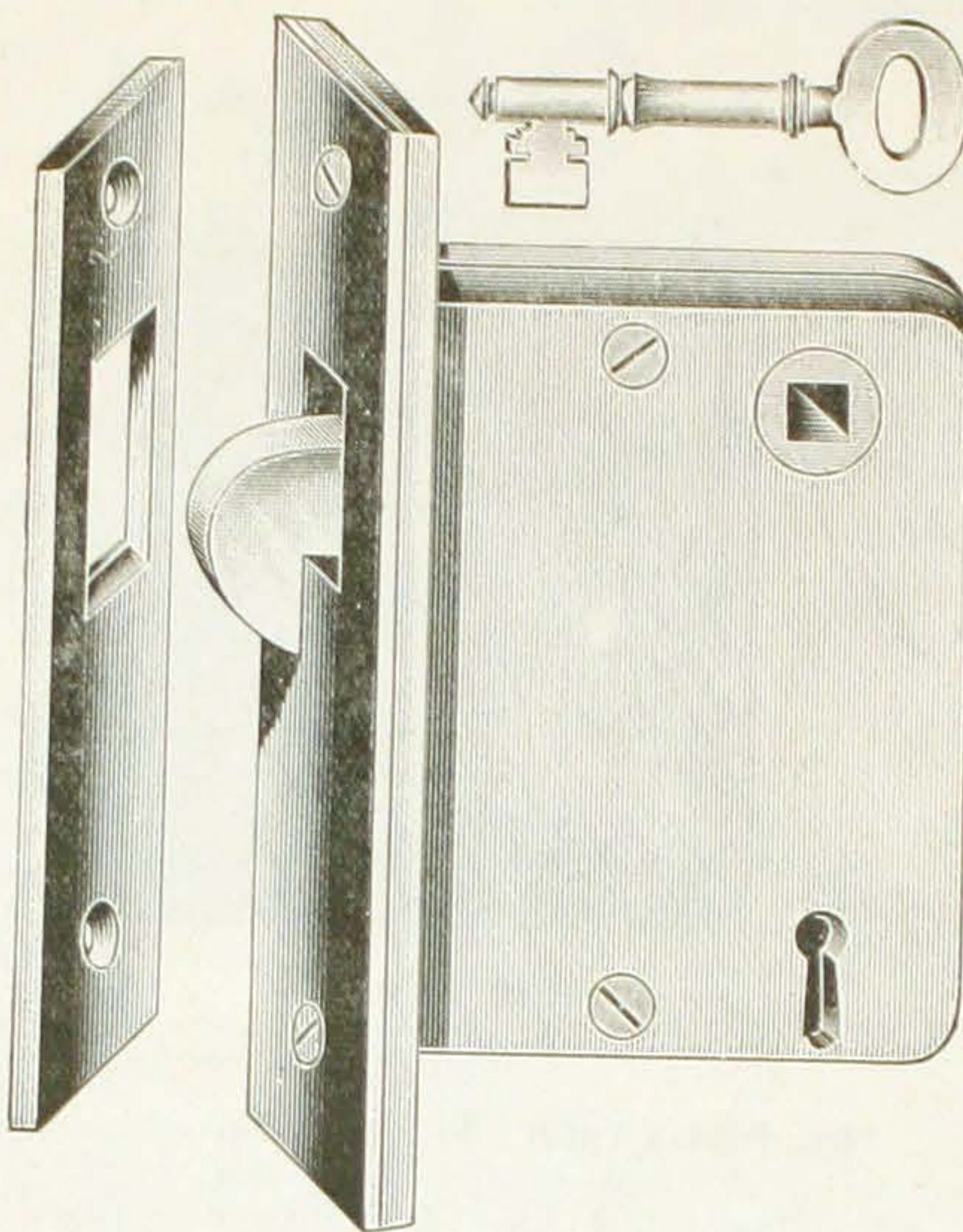


No. PHS 4377 Flush Handle used with Lock No. PHS 4389 (shewn on right), malleable japanned, 1/8 each; Brass, 4/3 each.



No. PHS 1213 Flush Furniture.

Iron and Brass Hook Bolt Mortice Locks and Flush Handles, for Sliding Doors



No. PHS*1154 All brass Sliding Door Lock, to spring with follower and lock with key; gun-metal key.

2½"	3"	3½"	4"
15/-	15/-	15/4	16/3 each.

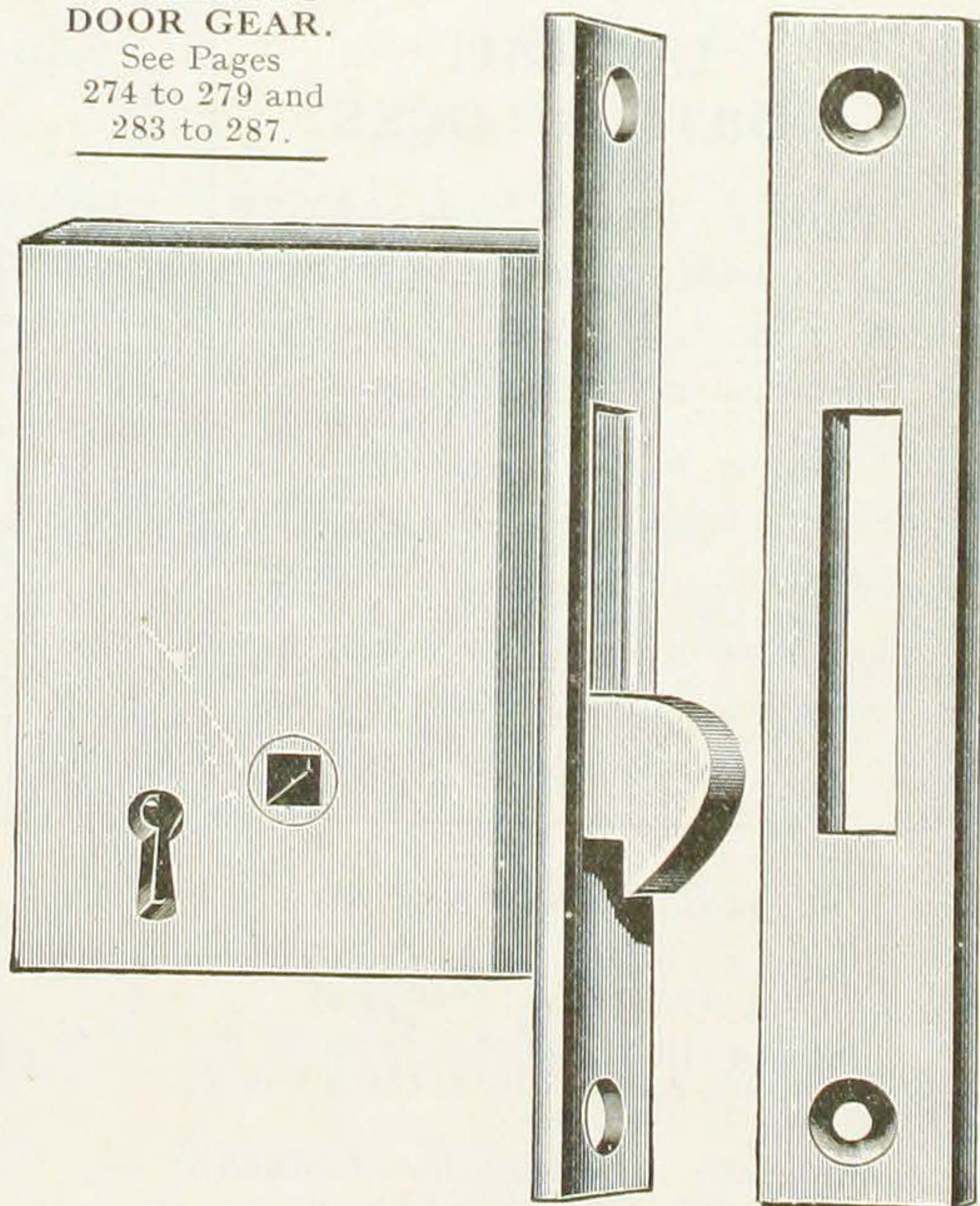
*Stocked only in 3".

No. PHS*5377 Strong, two-lever, ditto, steel case, brass bolt, brass bushed, steel key.

3"	3½"	4"
15/4	15/9	16/8 each.

*Stocked only in 3½".

For SLIDING
DOOR GEAR.
See Pages
274 to 279 and
283 to 287.

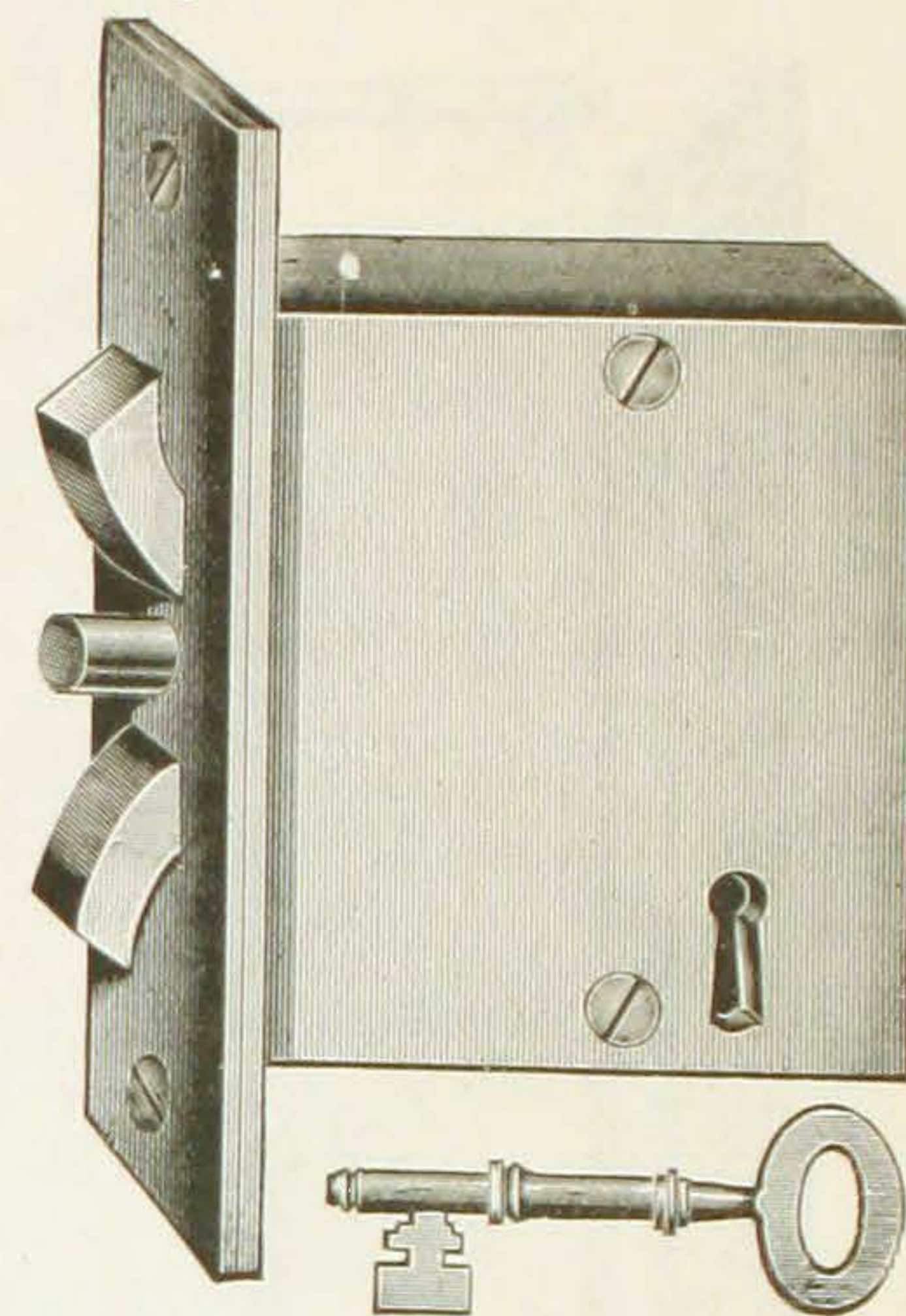


No. PHS 4389 Mortice Sliding Door Lock, size 4" x 4½" x ½", art black, 9/9 each.

Ditto with brass latch and plates, 12/6 each.

Handle to suit No. PHS 4377 shewn on left.

No. PHS 1213 5½" x 4" Strong Cast Brass Flush Mortice Lock Furniture (to suit lock No. PHS 1212 shewn on this page), 7/6 per half set, as illustrated. If supplied in B.M.A., 10/- per half set as illustrated.



No. PHS*5378 Very strong two-lever, Steel Case, two gun-metal hook bolts, and one centre steady bolt.

*Stocked only in 4" and 5".

4"	5"	6"
16/9	18/6	22/- each.

No. PHO 5379 Ditto, but without centre bolt.

4"	5"	6"
16/3	18/-	21/6 each.

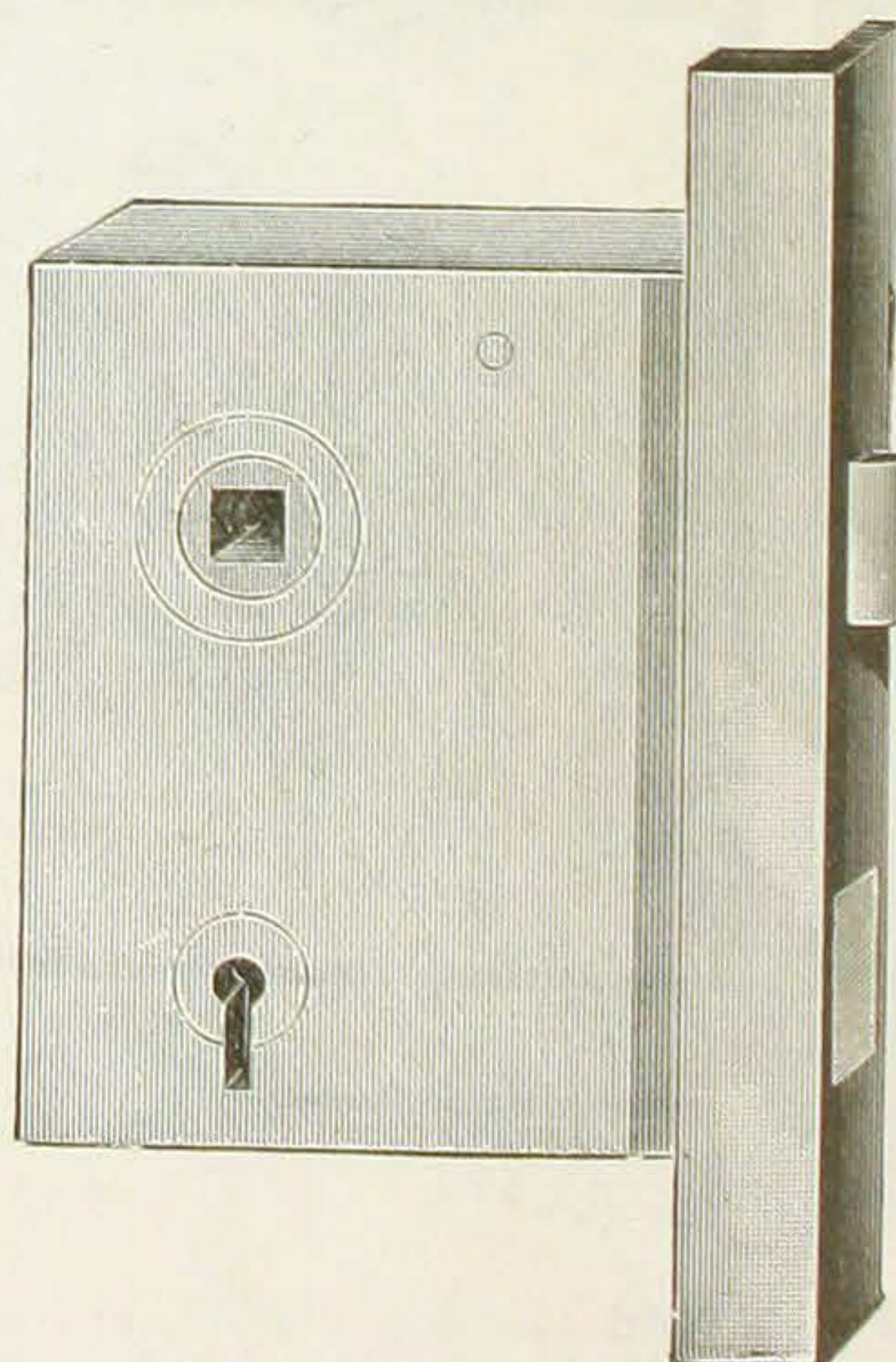
No. PHO 1156 All brass, two hook bolts, and one straight bolt.

2½"	3"	3½"	4"
14/6	14/6	15/-	15/6 each.

No. PHO 1157 Ditto, one hook bolt and one straight bolt.

2½"	3"	3½"	4"
8/-	8/3	8/9	9/9 each.

Other Sliding Door Locks on page 41.



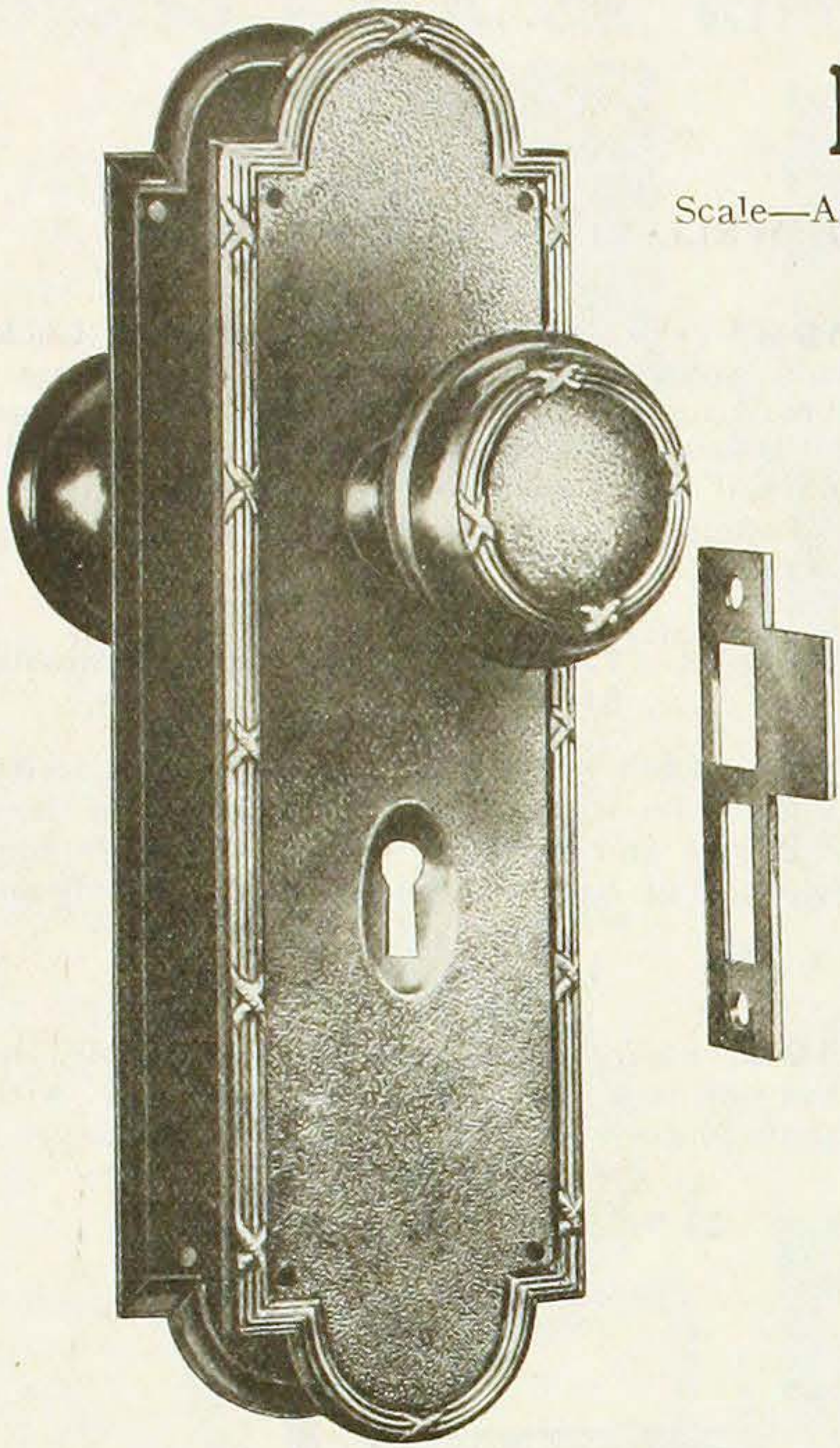
No. PHS 1212 3½" half rebated, brass bush, brass bolts, stamped, Steel Case, Mortice Lock. 7/9 each.

If supplied hand-made Case to differ in dozens, Satin black finish, 15/9 each.

Brass or Bronze Metal Lock Sets

Scale—Approximately half size.

PRICED PER SET.



No. PHS 5394 Lock Set with Mortice Lock, art black japanned case, brass bolt, C. B. and R. Fore-end, and striking plate, 2" round knobs. C. B. and R. on Brass. Plates, 8 1/2" x 2 3/8".

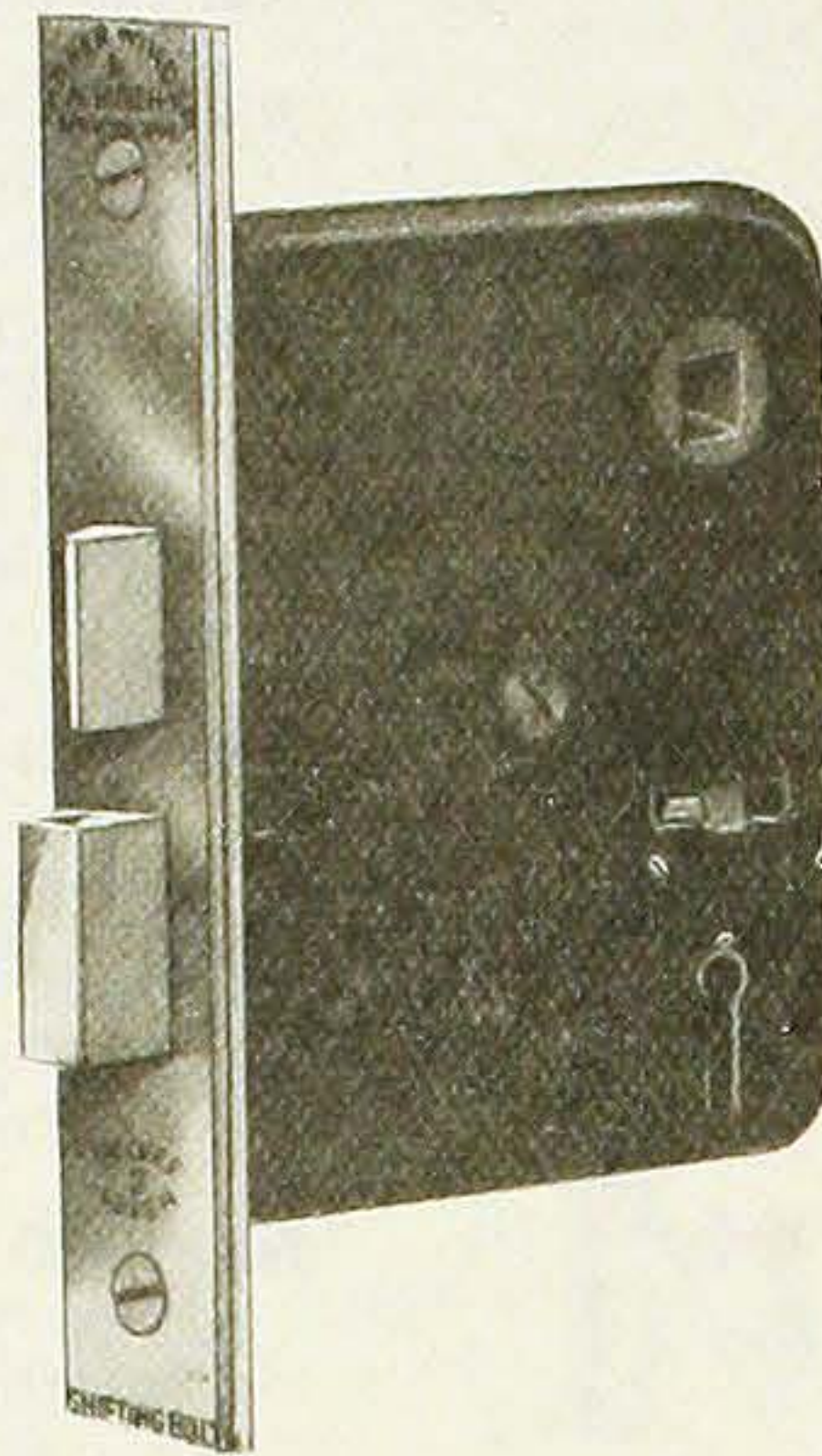
With 2-lever lock 10/6 set.

" 1-lever lock 9/9 "

No. PHS 5395 As above but with oval knobs.

With 2-lever lock 10/6 set.

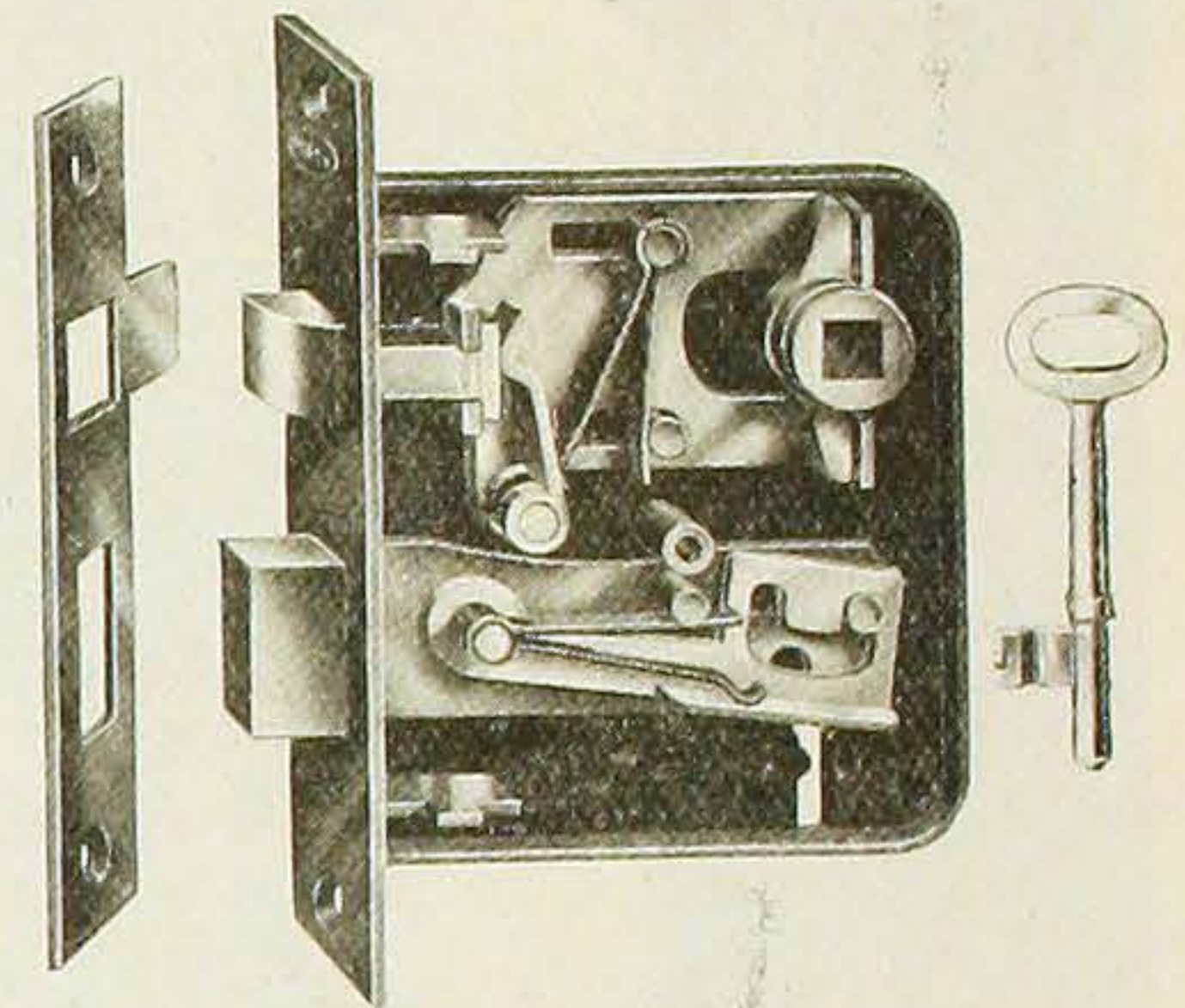
" 1-lever lock 9/9 "



No. PHS 1379 Lock Set with Mortice Lock, striking plate and screws for fixing. Plates 7" x 2 1/2". Antique Copper on Steel or Florentine Bronze on Steel.

With 2-lever lock 8/6 set.

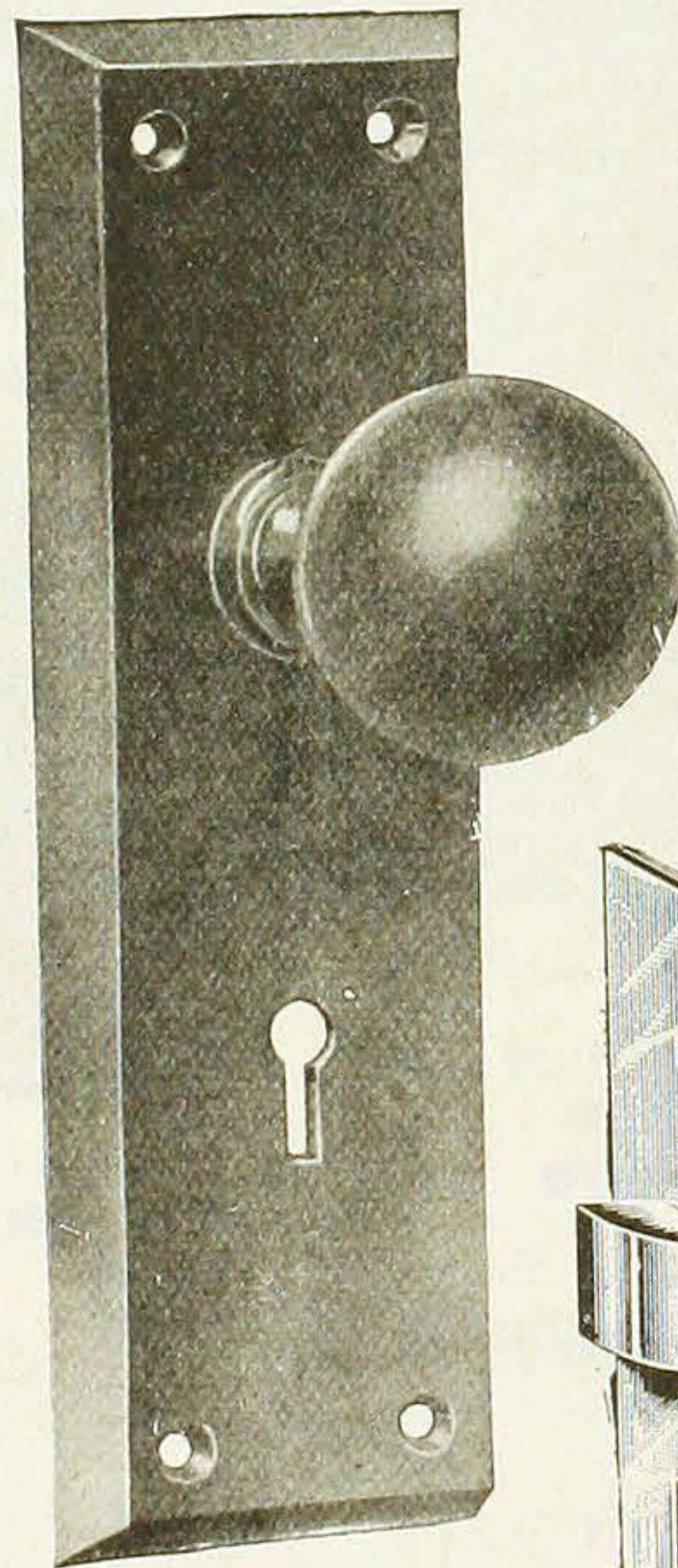
" 1-lever lock 4/6 "



One or two-lever Reversible Mortice Lock, supplied with **No. PHS 1379** Lock Set.

" B " Basis.

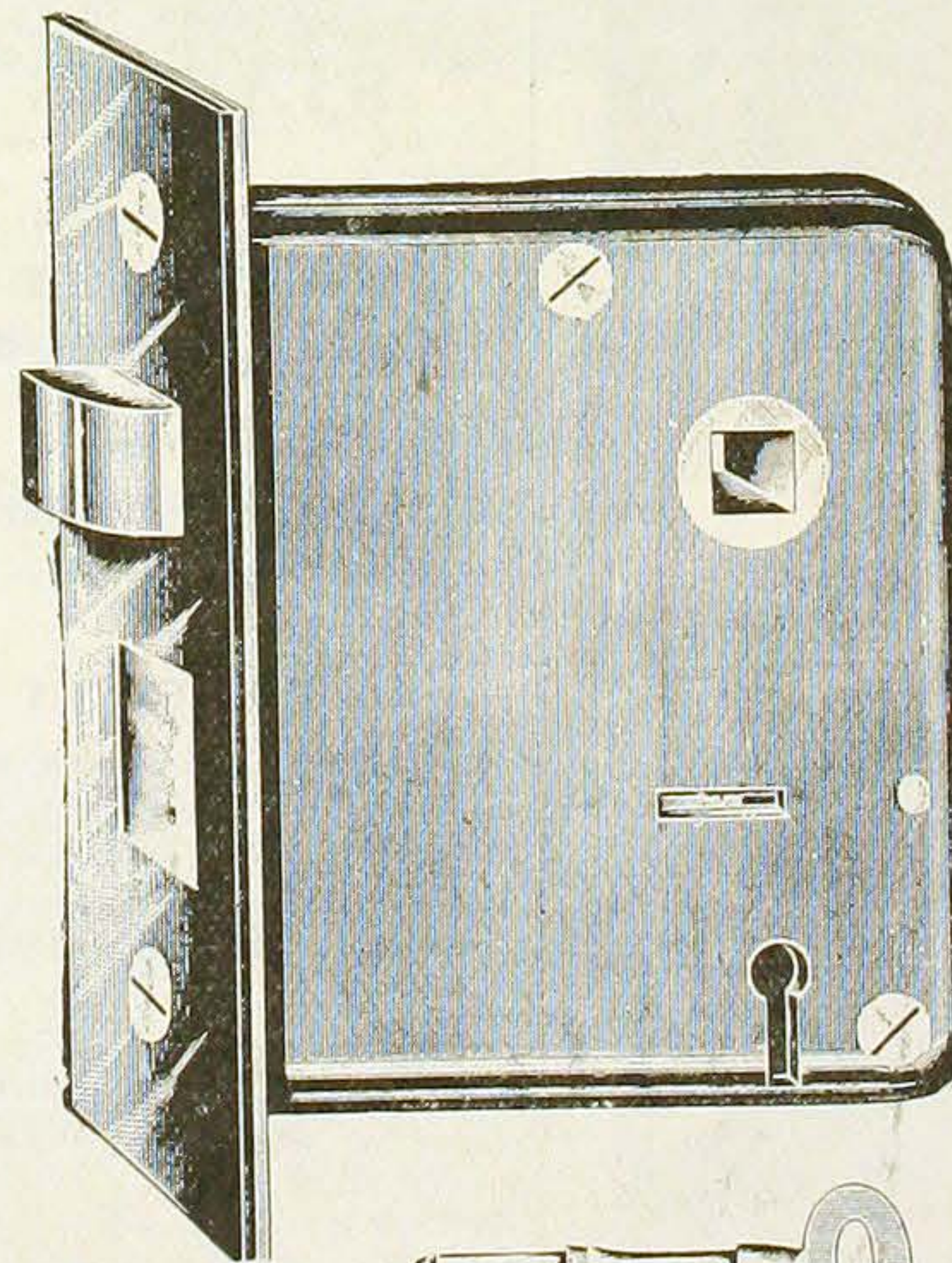
All PHS—Stock Lines.



No. PHS 5393

Size 7" x 2 1/4"

Prices stated in panel.

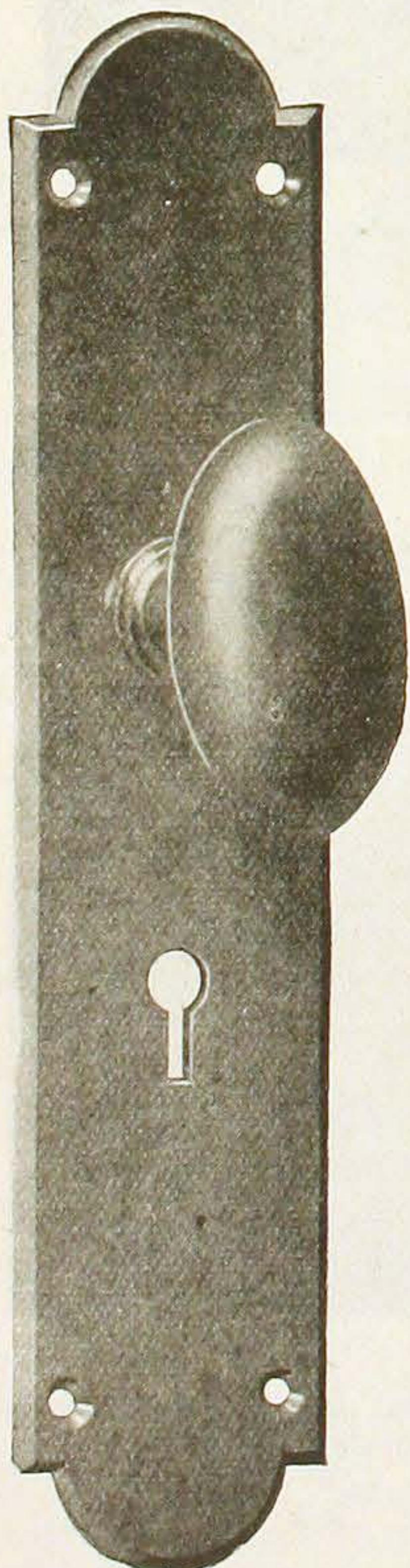


No. PHS 1373

No. PHS 1373

3 1/4" x 3 3/4" x 9/16"

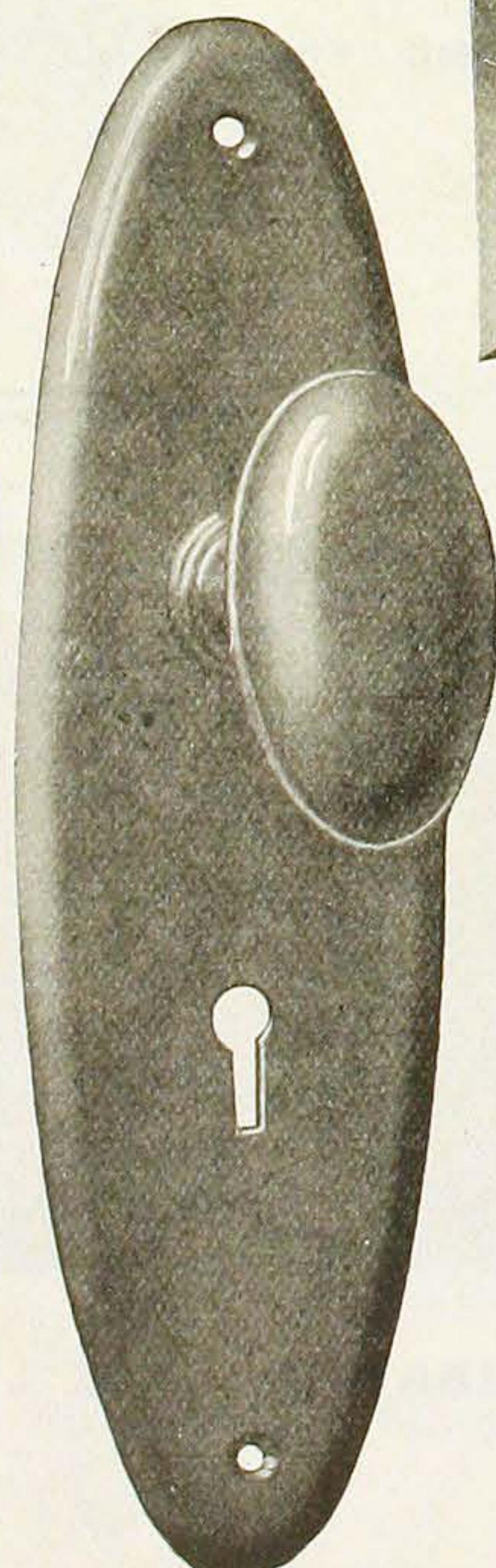
Japanned, steel case, up-right Mortice Lock, reversible bolt, levered, single faceplate, Copper Bronzed and Relieved, easy action, latch bolt. 40/- dozen, 3/6 each.



No. PHS 5390

Size 9" x 2"

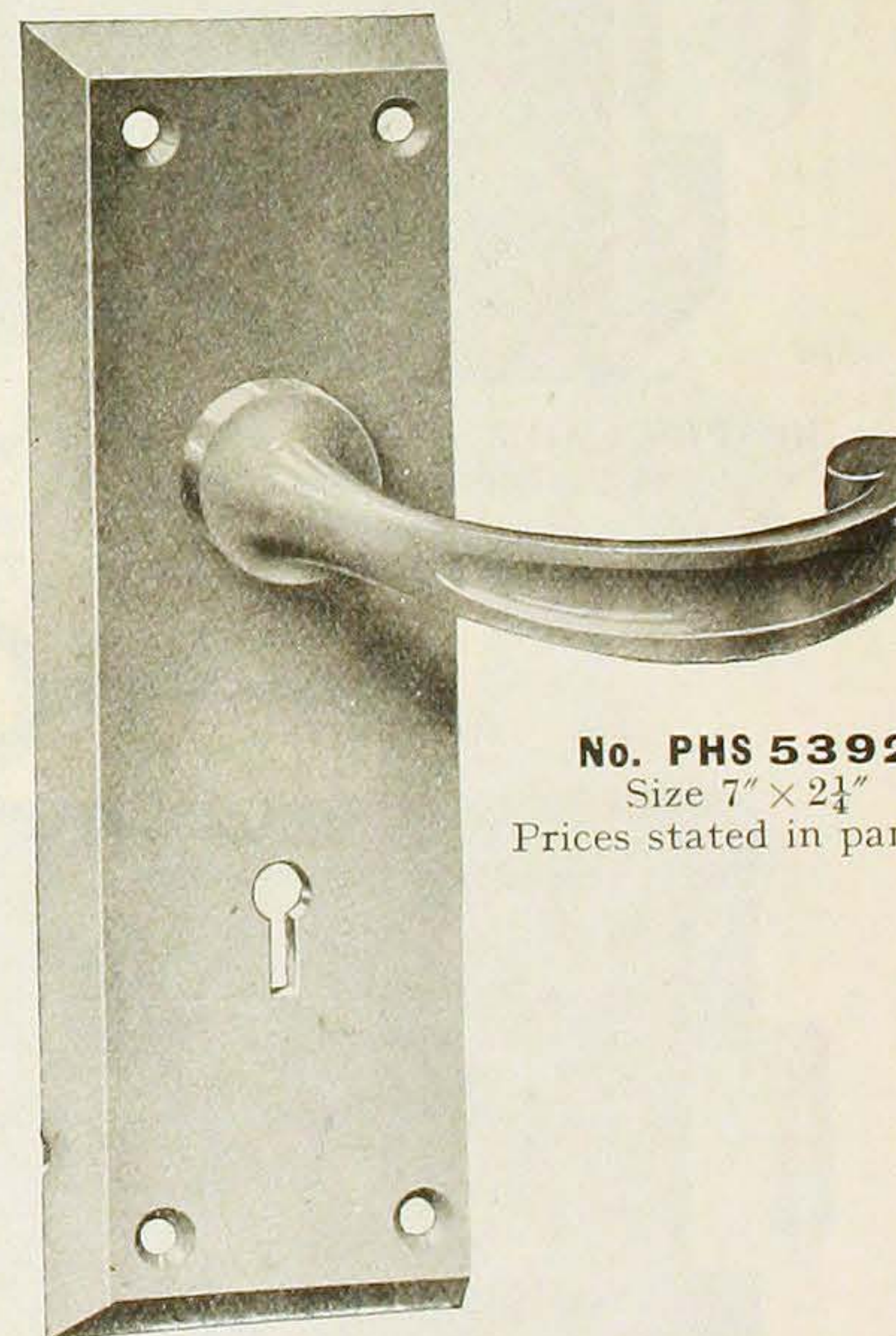
Prices stated in panel.



No. PHS 5391

Size 8" x 2 3/8"

Prices stated in panel.



No. PHS 5392

Size 7" x 2 1/4"

Prices stated in panel.

SPECIAL LINES—With the exception of **Nos. PHS 5394, PHS 5395** and **PHS 1379**, all patterns on this page are the same price.

Prices with Lock **No. PHS 1373** shewn above.

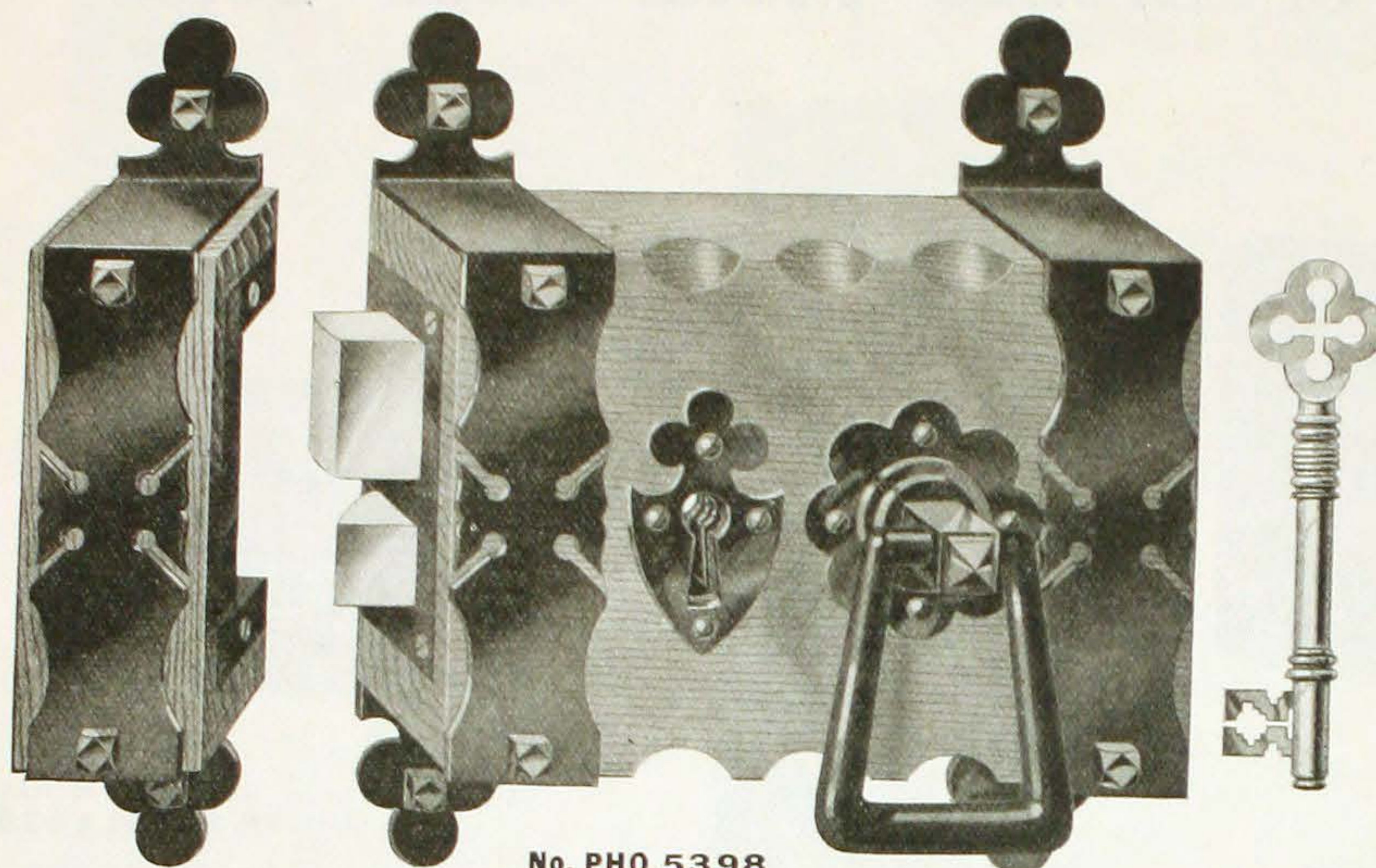
Polished Brass ...	10/6 set.
Copper Bronzed and Relieved on Brass ...	11/6 "
Florentine Bronzed ...	11/6 "
Polished Bronze Metal ...	13/2 "
Burnt Bronze Metal ...	14/3 "
Oxidized Silver on White Metal ...	20/- "
Satin Silver on White Metal ...	20/- "
Oxidized Silver on Brass ...	16/4 "

Lock Sets with the exception of **No. PHS 1379** consist of two plates, two knobs, lock, spindle and all necessary screws for fixing.

PRICED EACH

STOCK LOCKS

WITH WELL-SEASONED STOCKS.



No. PHO 5398

No. PHO 5398 Very strong heavy Church Door Lock and Latch, solid turned brass wards and wheels, heavy brass bushed key-hole and follower, large quatrefoil bow key, oak stock and staple, chamfered, and mounted as shewn; complete with handle, spindle, escutcheon, and Gothic head screws for fixing (as illustrated).

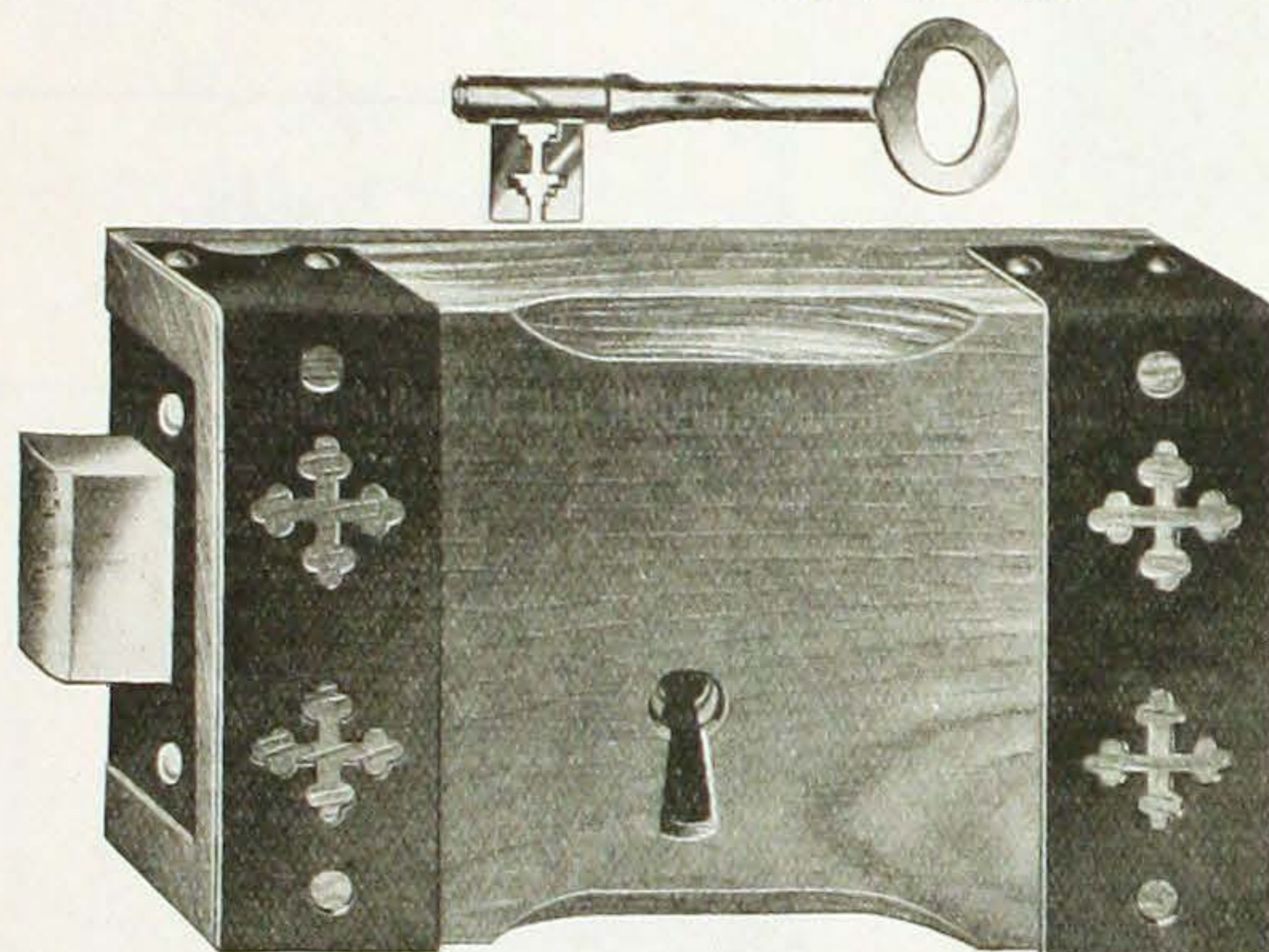
Size	...	8"	10"	12"
With Iron Bolts	77/-	81/9	107/6	each complete
" Brass	81/9	86/6	112/-	" "

No. PHO 1396 Church Door Lock and Latch, with staple, solid brass wards, brass bushed, Gothic bow key, chamfered and polished oak stock, plain clip bands; drop ring handles, spindle and escutcheon.

Size	...	8"	10"	12"
Price	...	62/-	66/6	87/6 each.

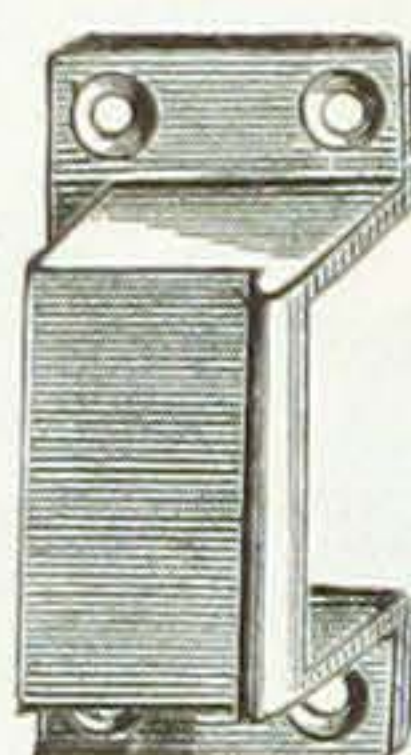
No. PHO 1394 Church Door Lock and Staple, as above, but one bolt (no latch bolt or handles), with Gothic angle plates instead of clip bands.

Size	...	8"	9"	10"	12"
Price	...	23/9	24/9	26/-	42/6 each.



No. PHS 1382 Strong, solid brass wards, bushed and barred, chamfered and varnished.

Size	...	7"	8"	9"	10"
Price	...	6/-	6/6	7/3	8/- each.



CAP STAPLES

With the exception of

Nos. PHO 5398, 1396 and 1394

are not included in the prices shewn but may be supplied as follows:—

No. PHS*6431

Illustrated above.

Size	...	1 1/4"	2" inside.
Price	2/-	2/1 doz.	2 1/2 d. each.

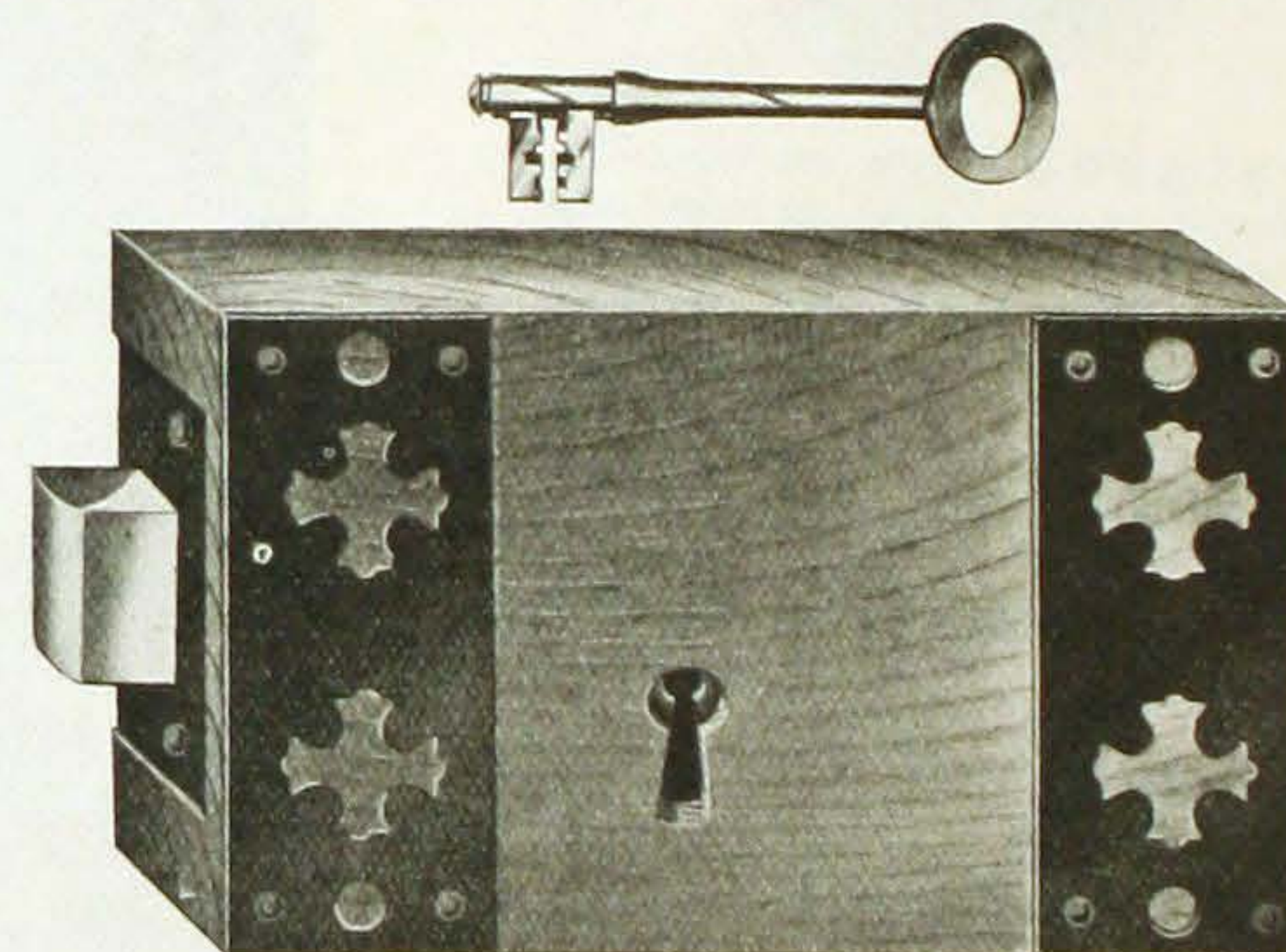
Size	...	2 1/8"	2 1/4" inside.
Price	2/3	2/4 doz.	2 1/2 d. each.

Size	...	2 3/8"	2 1/2" inside.
Price	2/6	2/6 doz.	3 d. each.

Size	...	2 5/8"	2 3/4" inside.
Price	2/8	3/- doz.	3 1/2 d. each.

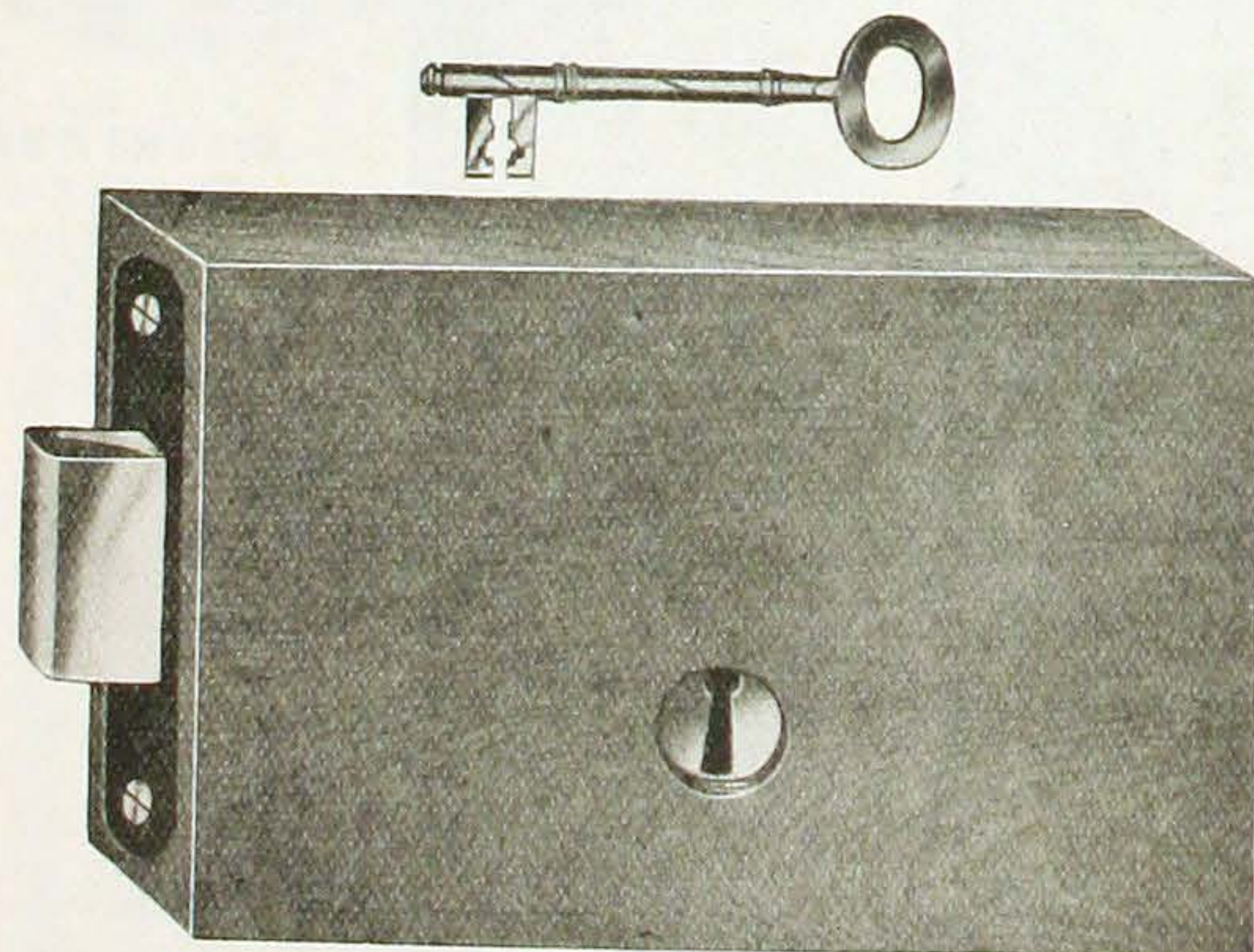
Size	...	3" inside.
Price	3/2 dozen.	3 1/2 d. each.

*Stocked only in 2", 2 1/4" and 3"



No. PHS 1380 Strong, brass ward, bushed and barred.

Size	...	7"	8"	9"	10"
Price	...	4/-	4/3	5/-	5/9 each.



No. PHS 1386 Double-handed, solid brass wards, bolts, fore-ends and bushes. Small neat key.

Size	...	7"	8"	9"	10"
Price	...	9/3	9/9	10/6	11/3 each.

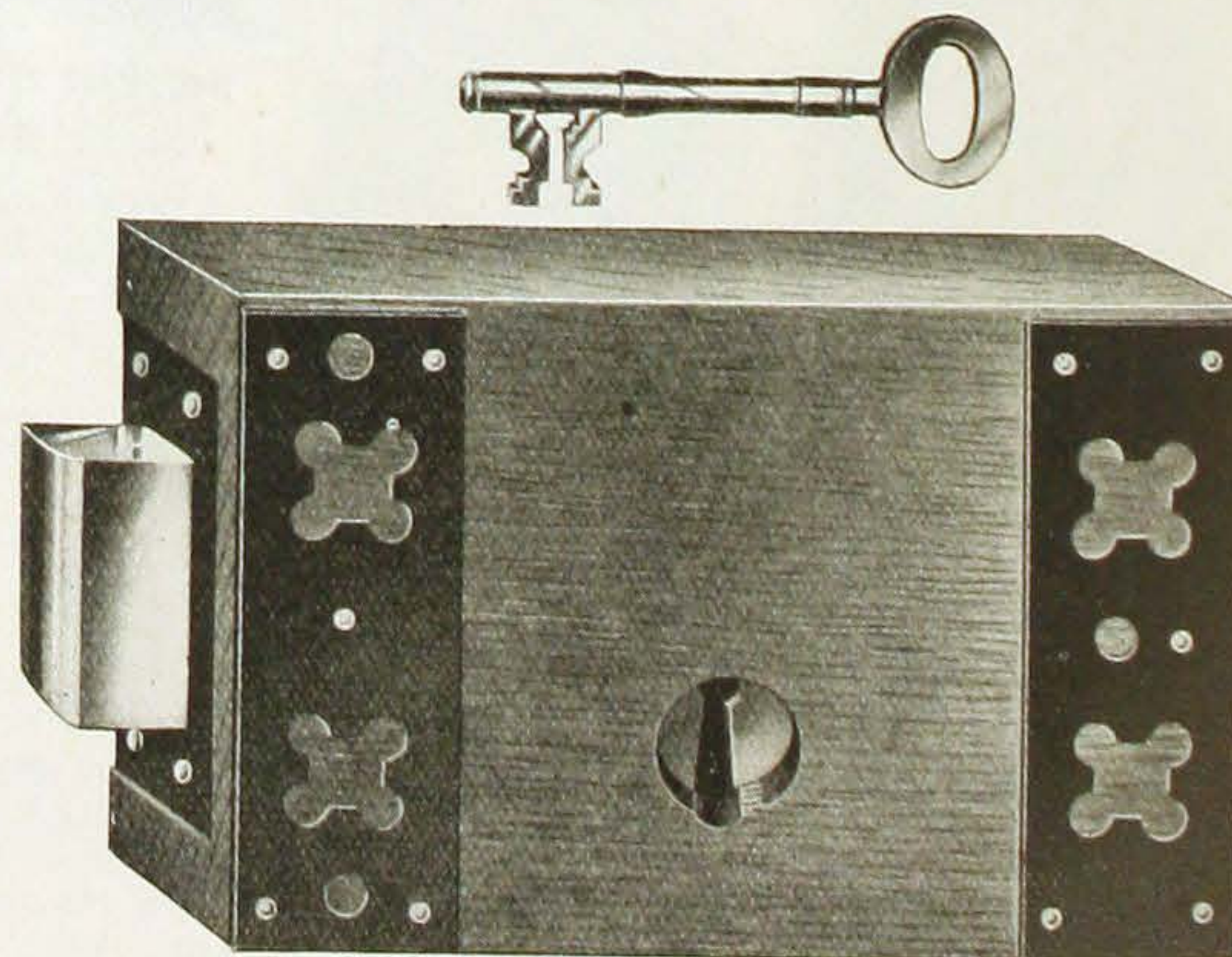
No. PHS 1383 Ditto, ditto, iron bolts and fore-ends.

Size	...	7"	8"	9"	10"
Price	...	7/-	7/3	8/-	9/- each.

No. PHO 1397 Best quality fine bushed Plate Lock, with brass key and all brass fittings, specially made for powder magazines, high explosive sheds, etc.

Size	...	8"	10"
Price	...	37/8 each	51/8 each.

Extra keys, 8/9 each.

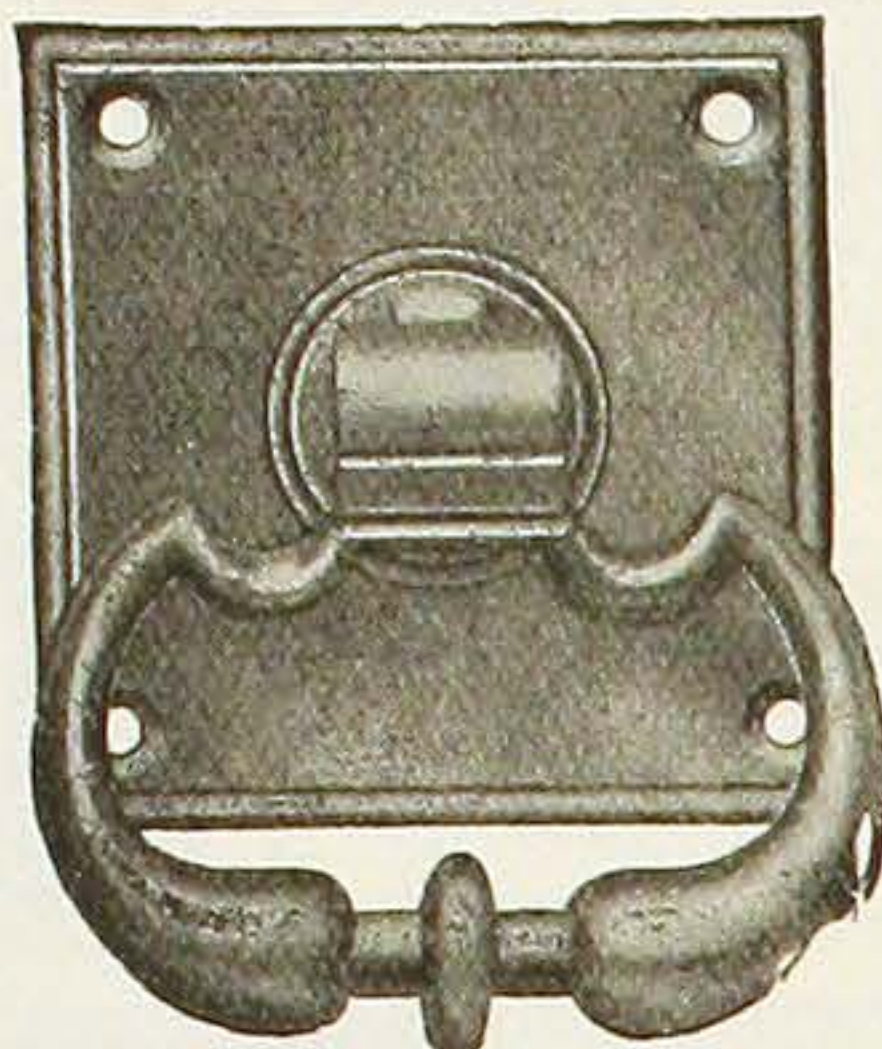


No. PHS 1388 Extra strong, solid brass wards, broad bolt, bushed and barred, oak stock.

Size	...	8"	9"	10"
Price	...	7/3	8/3	9/6 each.

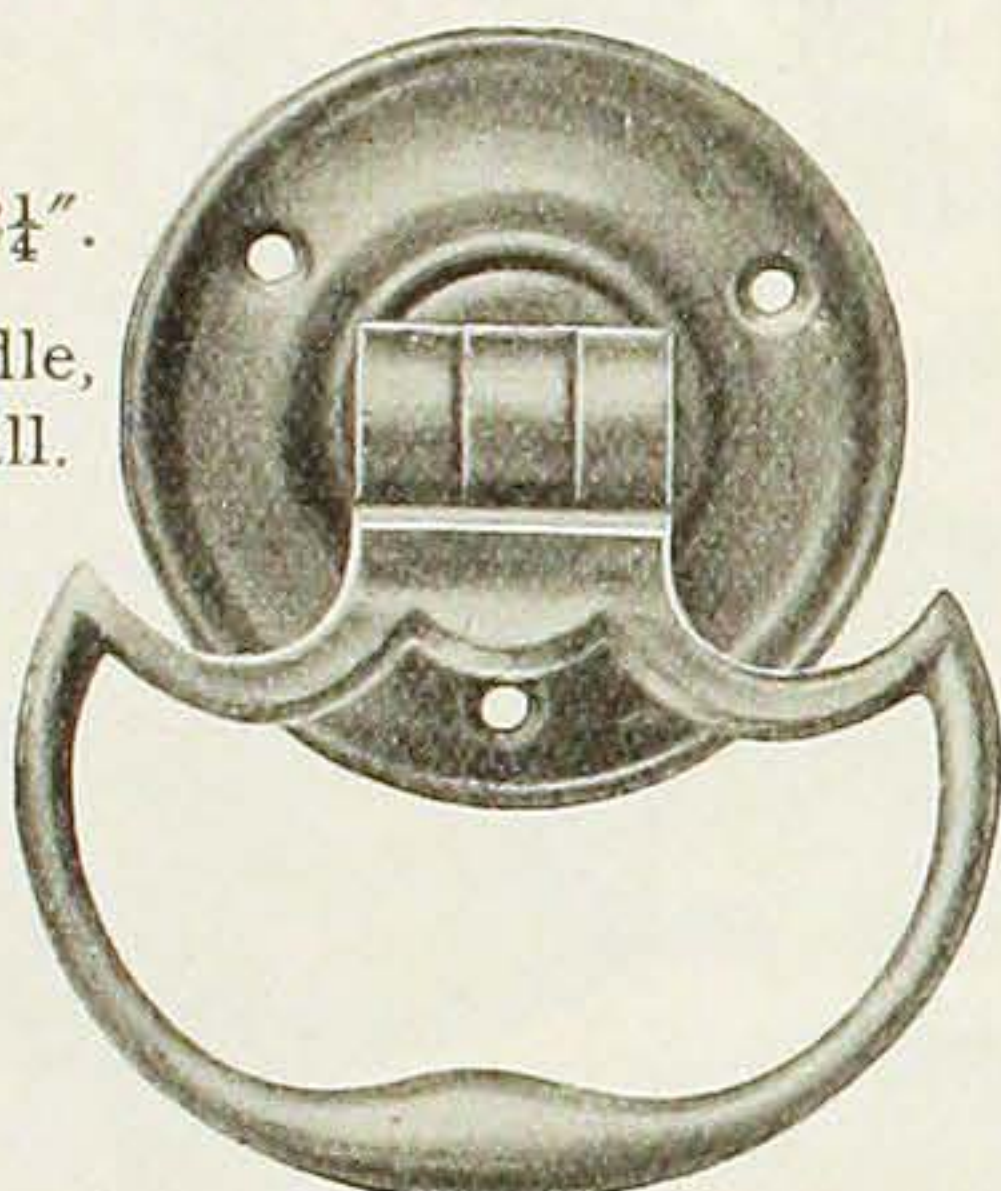
BRASS, B.M.A. &c., RIM LOCKS with LOCK FURNITURE to match.

Plate 2 3/8" square.
Drop handle, 2 3/8" overall.
*Stocked only in B.M.A.



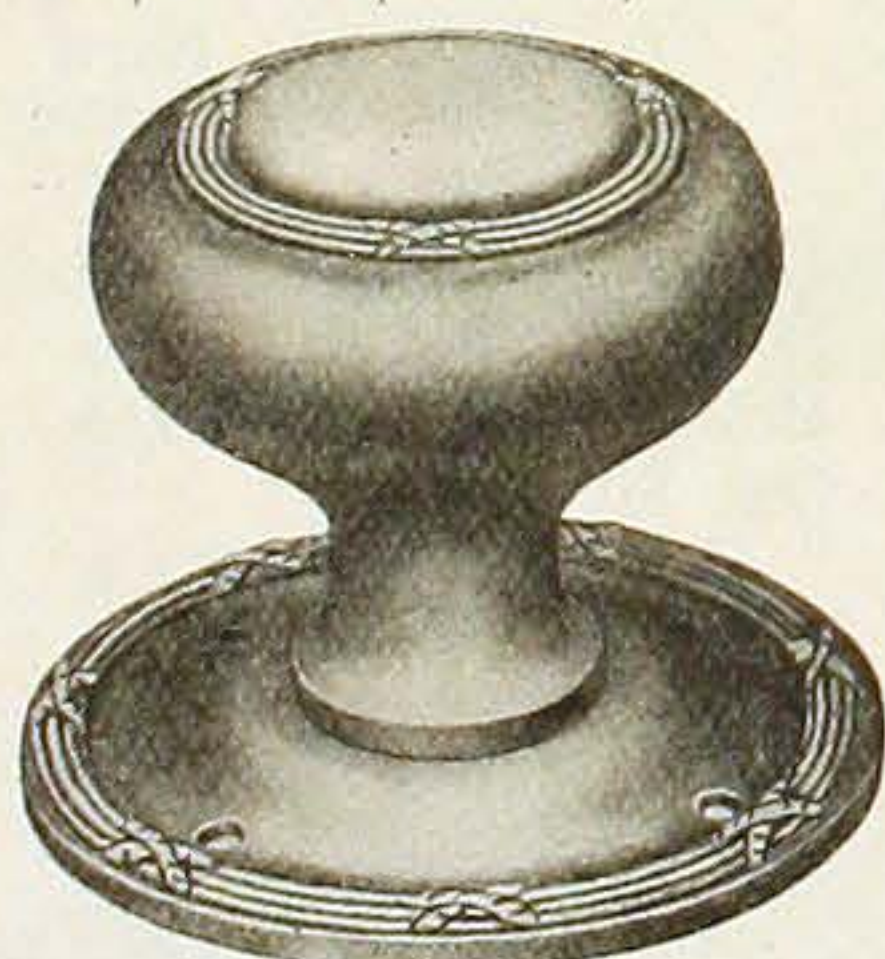
No. PHS*2049 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 11/2 10/4 10/4 set.
C. B. and R. 12/- 10/10 10/10 "
B.M.A. ... 14/- 12/8 12/8 "
Ox. Sil. on
White Metal 16/8 14/10 14/10 "

Plate diameter 2 1/4".
Drop handle, 2 3/4" overall.
*Stocked only in B.M.A.



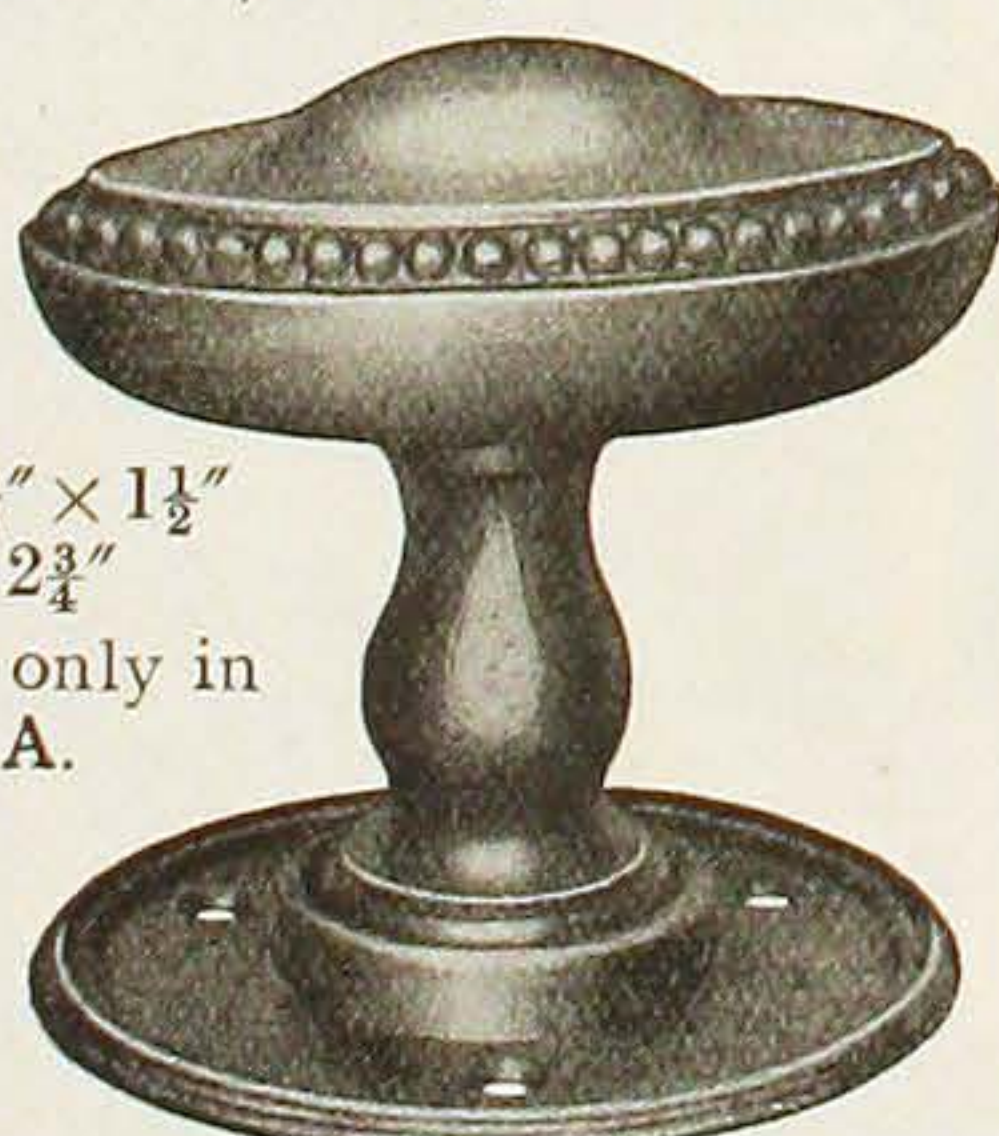
No. PHS*5472 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 12/3 11/6 11/6 set.
C. B. and R. 13/2 12/- 12/- "
B.M.A. ... 15/- 13/8 13/8 "
Ox. Sil. on
White Metal 17/6 15/10 15/10 "

Knob 2" diameter.
Rose 2 3/8".
*Stocked only in B.M.A.

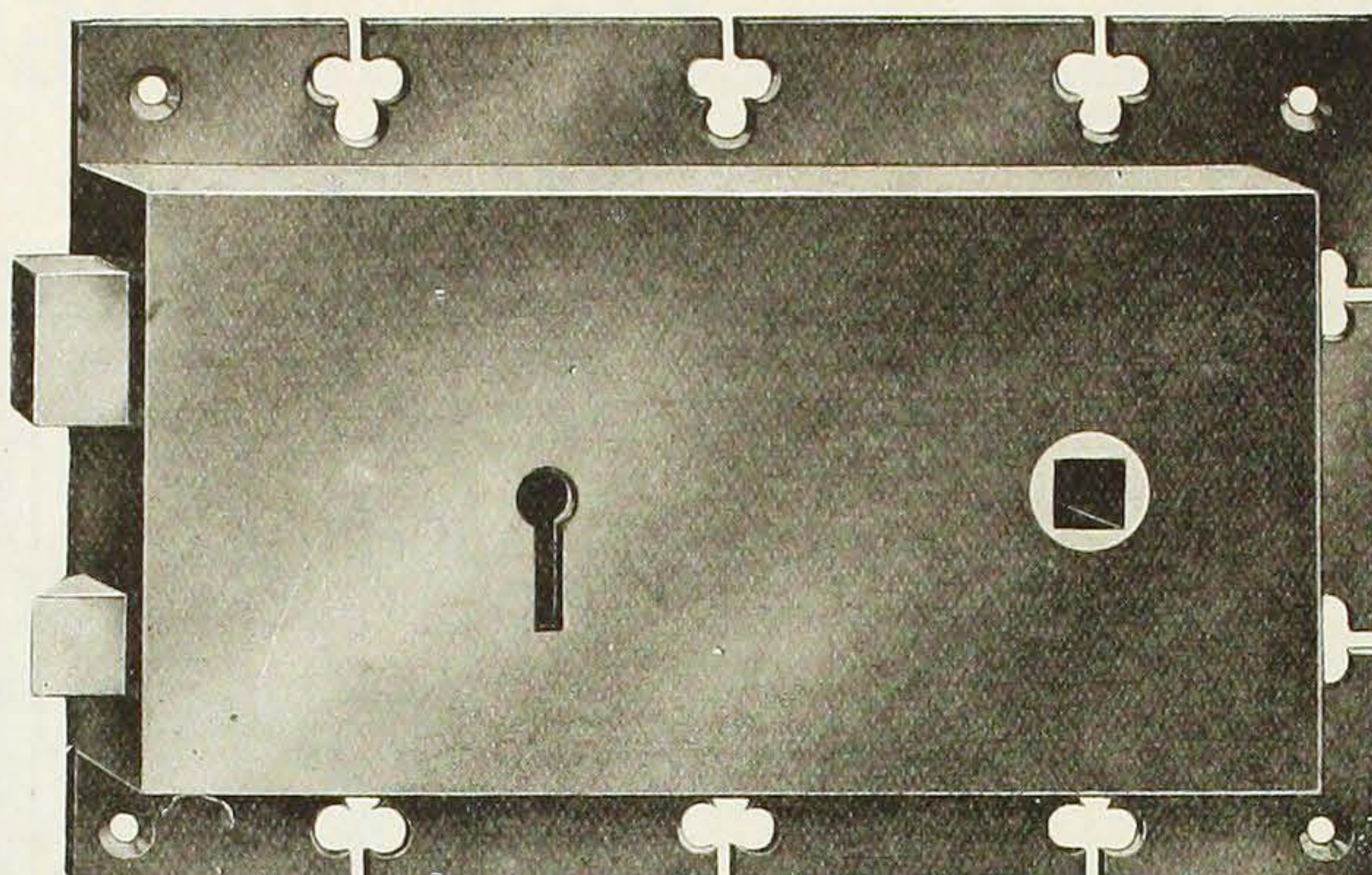


No. PHS*6459 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 12/3 11/8 11/8 set.
C. B. and R. 13/2 12/3 12/3 "
B.M.A. ... 15/- 13/10 13/10 "
Ox. Sil. on
White Metal 18/6 17/- 17/- "

Knob 2 3/8" x 1 1/2"
Rose 2 3/4"
*Stocked only in B.M.A.

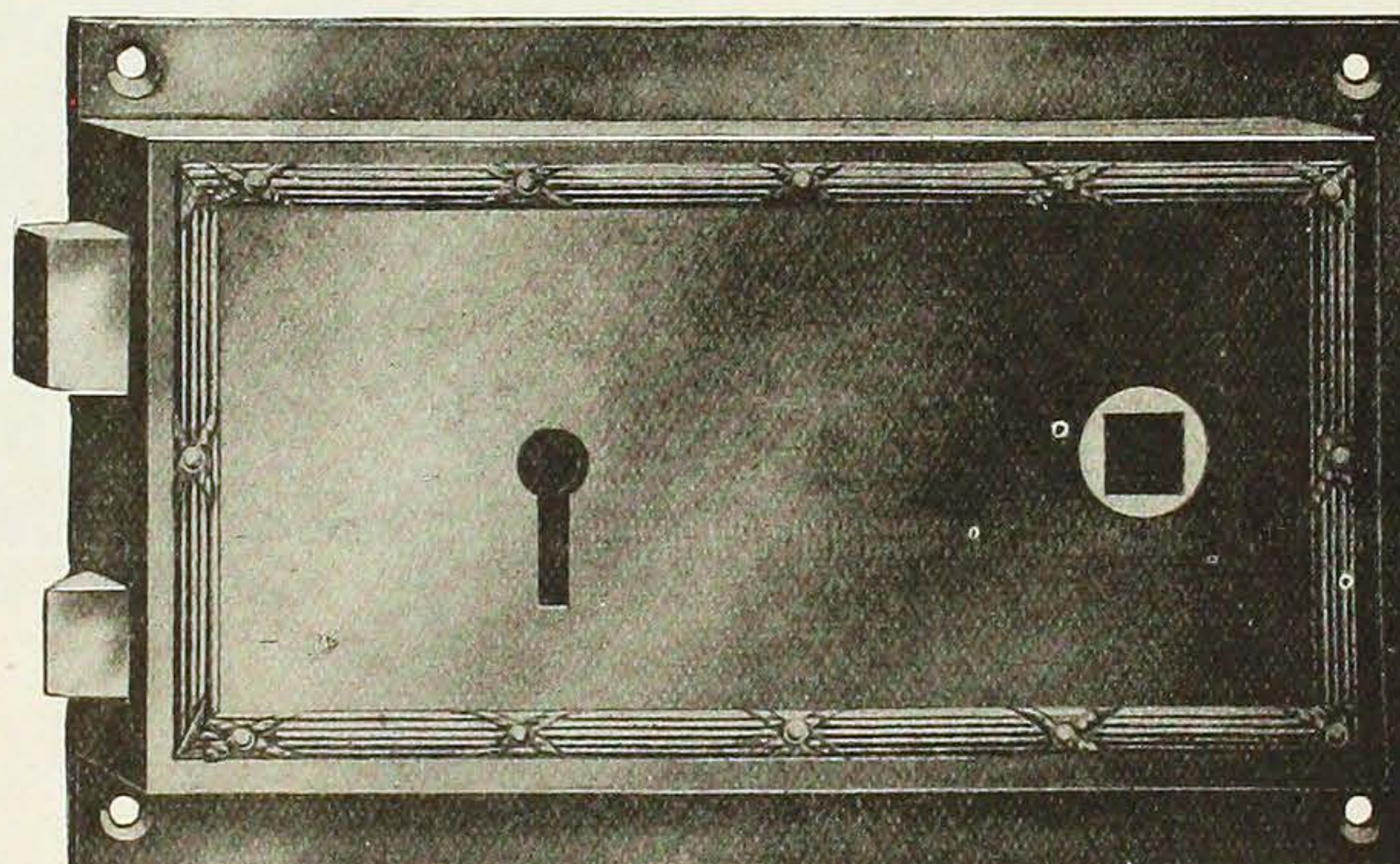


No. PHS*5455 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 13/2 12/4 12/4 set.
C. B. and R. 14/- 12/10 12/10 "
B.M.A. ... 16/8 15/4 15/4 "
Ox. Sil. on
White Metal 20/2 18/6 18/6 "



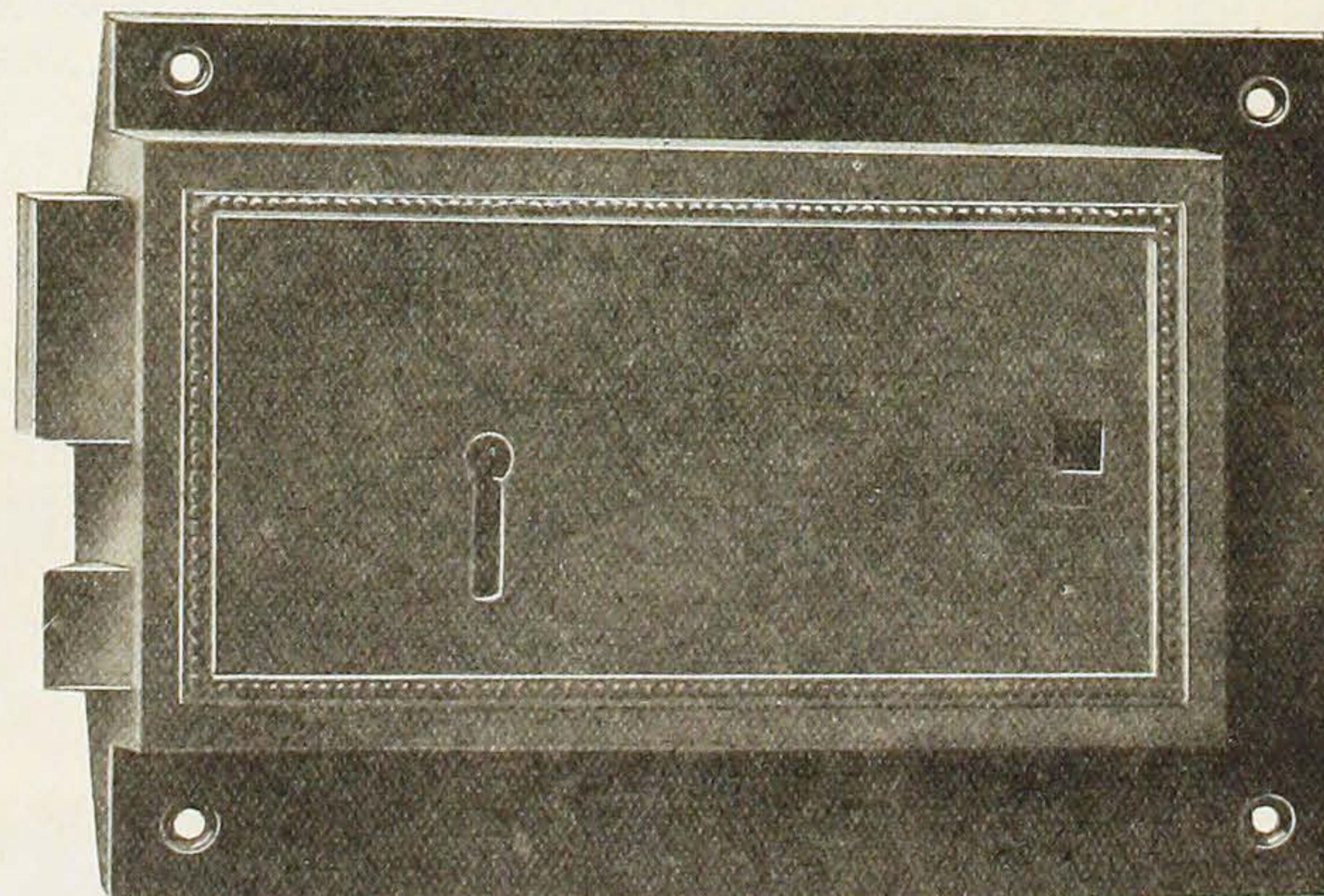
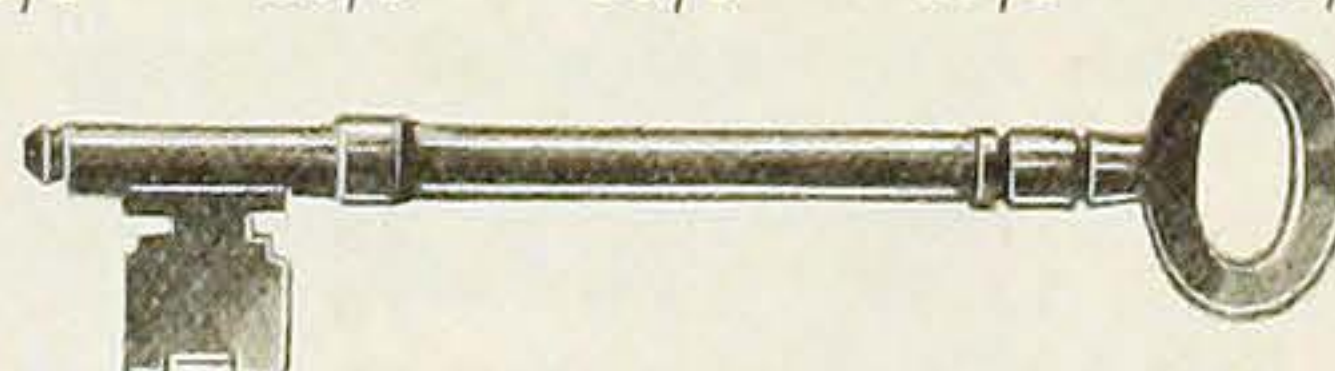
No. PHO 3501 7" Rim Lock. Illustrated approx. half full size.

	Polished Brass.	Brass A.C.B.	Polished B.M.	B.M.A.	White Metal Sil. Ox.	White Metal Sil. Grey.
2-lever	31/6	33/3	38/6	40/3	47/3	47/3 each.
4-lever	35/-	36/9	42/-	43/9	50/9	50/9 "



No. PHO 3502 7" Rim Lock. Illustrated approx. half full size.

	Polished Brass.	Brass A.C.B.	Polished B.M.	B.M.A.	White Metal Sil. Ox.	White Metal Sil. Grey.
2-lever	35/-	36/9	42/-	43/9	50/9	50/9 each.
4-lever	38/6	40/3	45/6	47/3	54/3	54/3 "



No. PHO 3503 7" Rim Lock. Illustrated approx. half full size.

	Polished Brass.	Brass A.C.B.	Polished B.M.	B.M.A.	White Metal Sil. Ox.	White Metal Sil. Grey.
2-lever	35/-	36/9	42/-	43/9	50/9	50/9 each.
4-lever	38/6	40/3	45/6	47/3	54/3	54/3 "

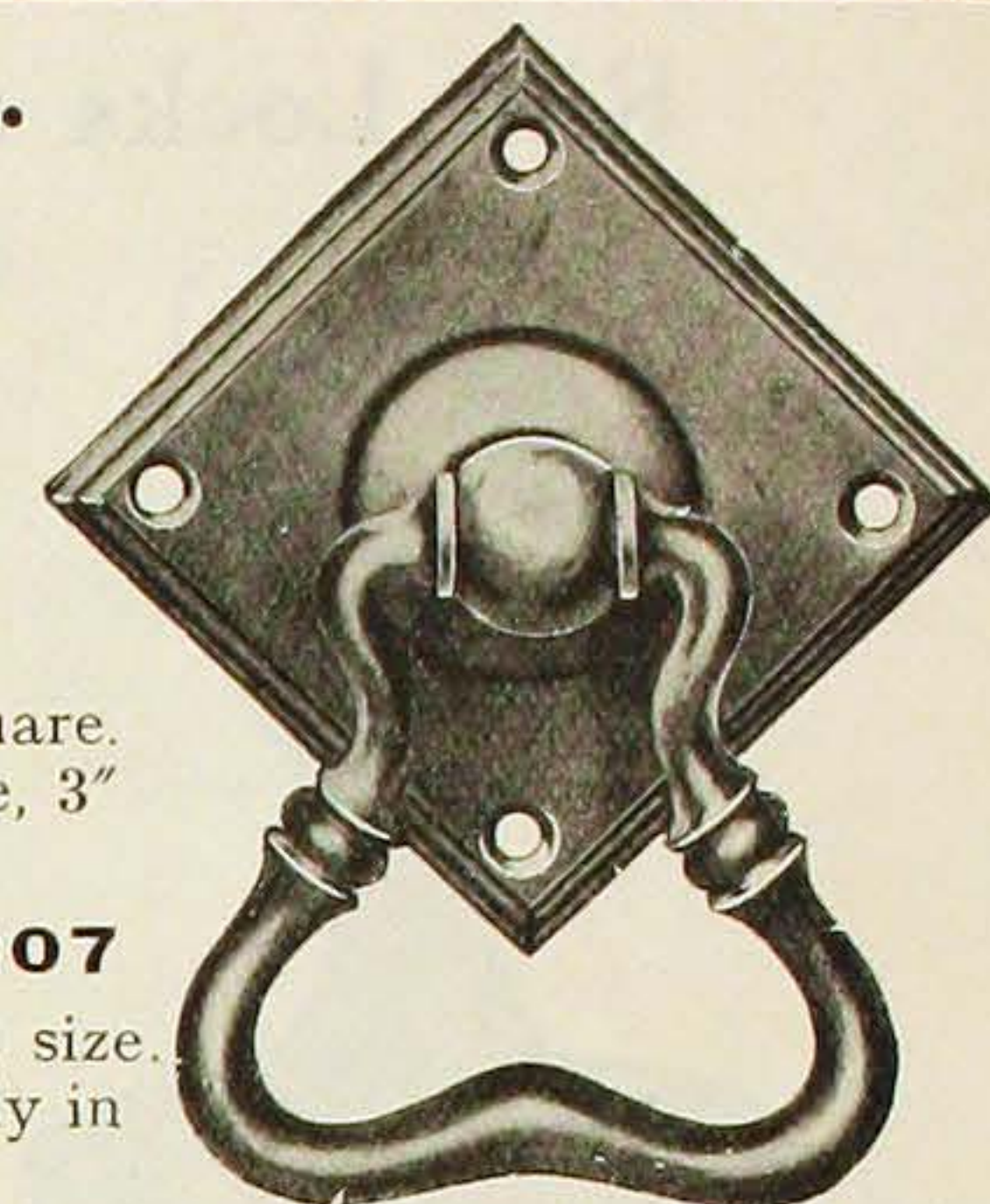
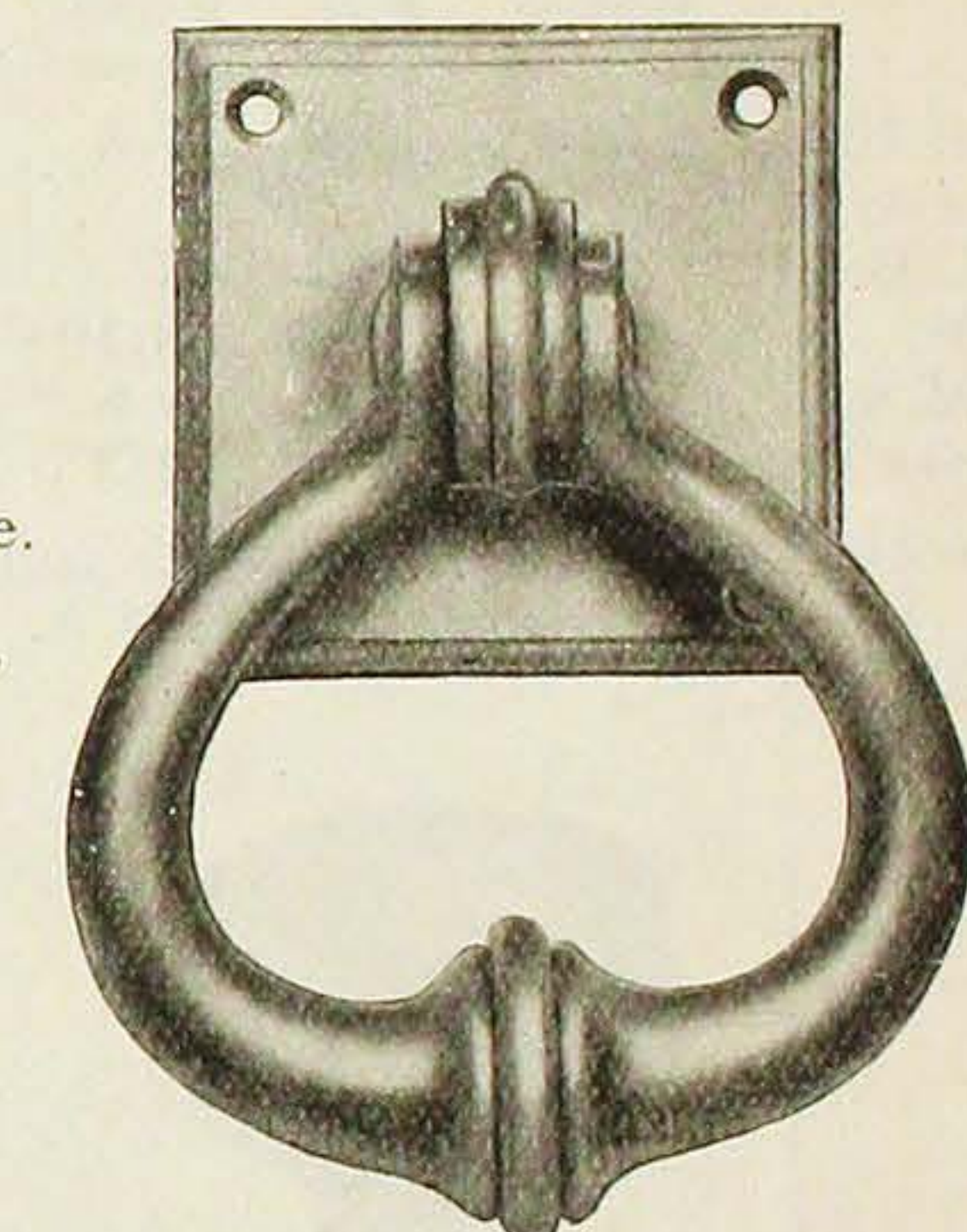


Plate 2 3/8" Square.
Drop Handle, 3" overall.
No. PHS*6907
Scale half full size.
*Stocked only in B.M.A.

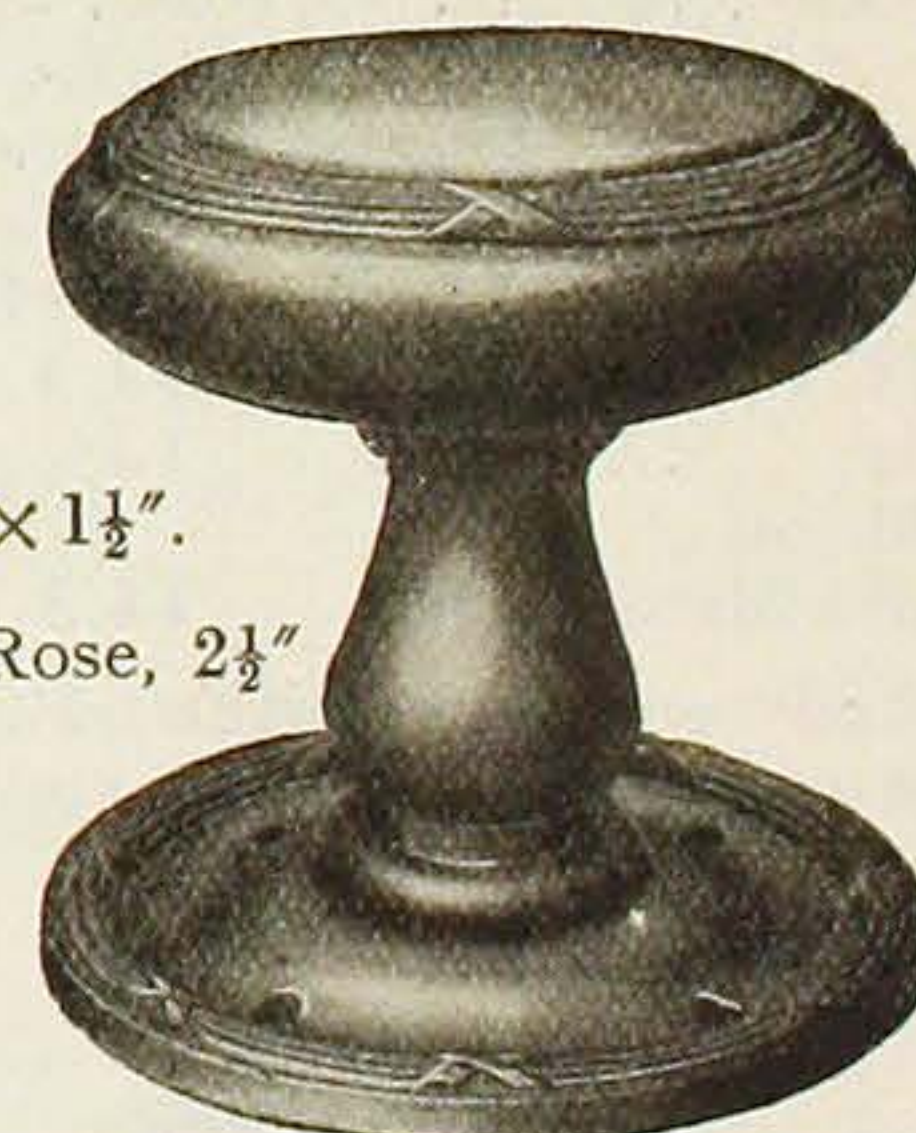
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 15/- 14/- 14/- set.
C. B. and R. 15/10 14/8 14/8 "
B.M.A. ... 18/10 17/6 17/6 "
Ox. Sil. on
White Metal 22/- 20/2 20/2 "

Plate 2 3/8" Square.
Drop Handle, 3" overall.



No. PHS*6909 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 19/4 18/6 18/6 set.
C. B. and R. 21/8 19/6 19/6 "
B.M.A. ... 24/6 23/2 23/2 "
Ox. Sil. on
White Metal 28/- 26/4 26/4 "
*Stocked only in B.M.A.

Knob 2 1/2" x 1 1/2".
Diameter of Rose, 2 1/2"



No. PHS*5467 Scale half full size.
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass ... 13/2 12/7 12/7 set.
C. B. and R. 14/- 13/1 13/1 "
B.M.A. ... 16/8 15/6 15/6 "
Ox. Sil. on
White Metal 20/2 18/8 18/8 "
*Stocked only in B.M.A.

Scale half full size.
No. PHS*2051
Knob 2 1/8" Rose 2 3/8"
Pitt's Mortice. Pitt's Rim. Mace's Rim.
Brass 10/8 9/8 10/6
Brass, C.B. and R. 12/10 11/10 12/6
Gun Metal, B.M.A. 15/6 14/2 14/10
Ox. Sil. on White Metal 19/3 17/8 18/6
per set.
*Stocked only in B.M.A.



PHS—Stock Line; PHO—To order only.

Extra for Chromium Plating Stainless for any of above Lock Furniture, 5/- per set nett.

"B" Basis.

Rim Locks and Furniture in Brass B.M.A. and Ox. Silver (on White Metal)

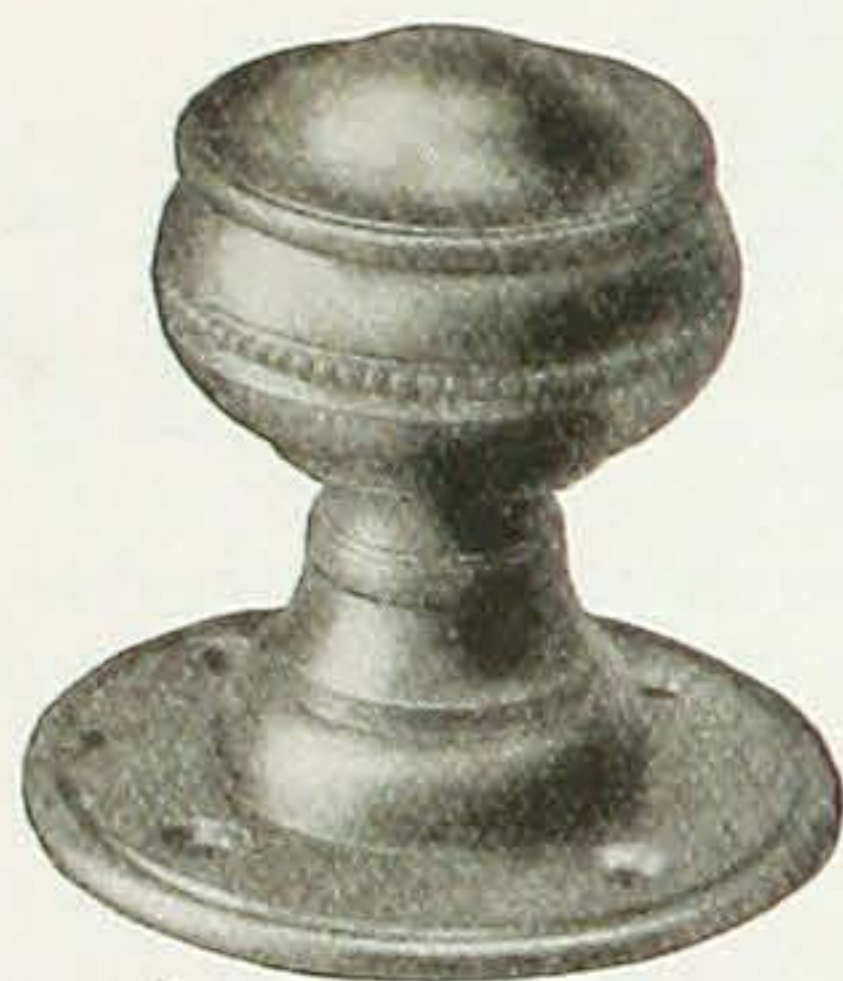


No. PHS*2012 Scale half full size.

Knob, 1½". Rose, 2½".

	Pitt's or Mace's Mortice Per set.	Pitt's or Mace's Rim Per set.	"For- ward" Mortice Per set.	"For- ward" Rim. Per set.
Pol. Brass	6/-	5/8	7/6	7/2
Brass, C.B.&R.	6/6	6/2	8/-	7/8
B.M.	7/6	7/2	8/10	8/8
B.M.A.	8/-	7/8	9/6	9/-
Silver Ox.	8/8	8/6	10/2	9/10

*Stocked only in Pitt's Mortice and Mace's Rim in Brass and B.M.A.



No. PHS*4600

Knob, 1½" dia. Rose, 2½" dia.

	Pitt's Mortice. Per set.	Pitt's Rim. Per set.	Mace's Rim. Per set.
Brass	11/6	10/11	10/11
Brass C.B.&R.	12/3	11/4	11/4
B.M.A.	13/2	12/-	12/-
Ox. Sil. on White Metal	15/9	14/3	14/3

*Stocked only in Pitt's Mortice and Mace's Rim in Brass and B.M.A.



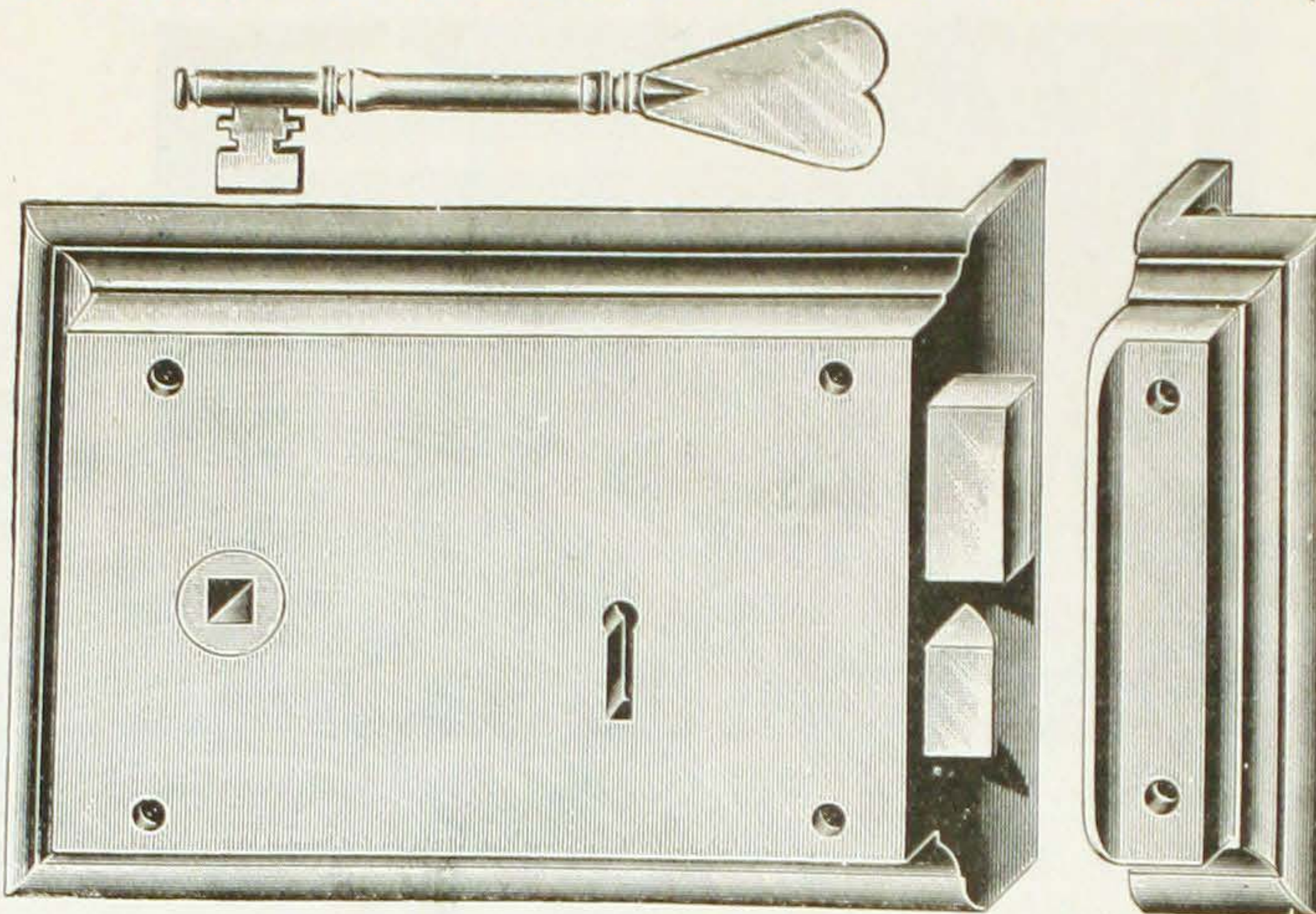
No. PHS*4601 Scale half full size.

Knob, 1½". Rose, 2" dia.

	Pitt's Mortice Per set.	Pitt's Rim. Per set.	Mace's Rim. Per set.
Brass	13/2	12/10	12/10
Brass, C.B.&R.	14/-	13/6	13/6
B.M.A.	15/-	14/-	14/-
Ox. Silver on White Metal	18/6	17/4	17/4

*Stocked only in Pitt's Mortice and Mace's Rim in Brass and B.M.A.

"B" Basis.



No. PHS 5382 Rim Lock, moulded case and staple (size of case 6" x 4½"), gun-metal bolts and fittings, gun-metal or steel fancy bow key

B.M. B.M.A. Burnt Bronze Antique.

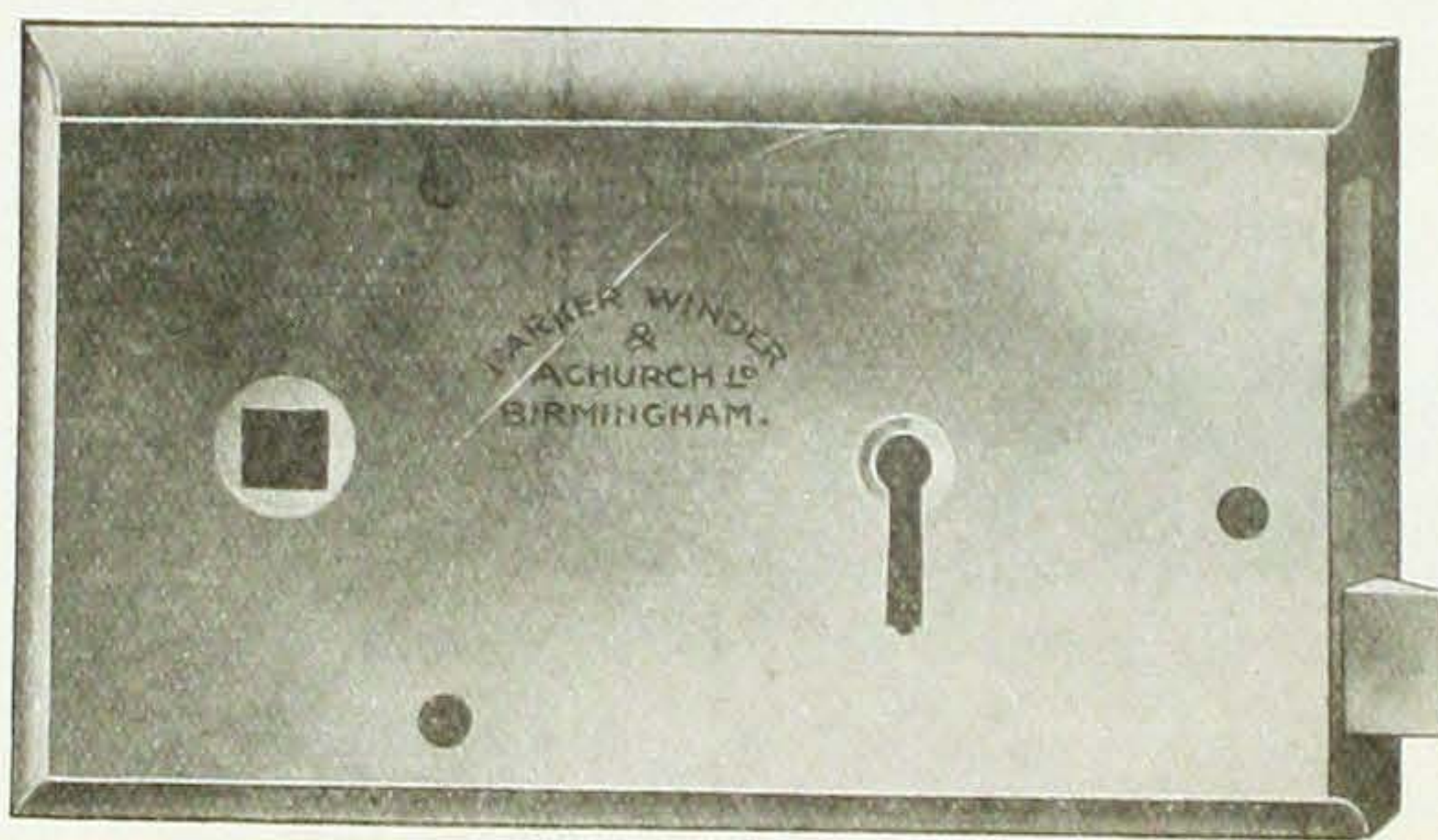
2-lever ... 19/3 19/3 20/9 each.

4-lever ... 20/3 20/3 22/9 "

No. PHO 5383 As above, but best polished brass case and ordinary polished steel key, 2-lever, 15/-; 4-lever, 15/9 each.

No. PHS 1228 Best Antique Bronze Metal Rim Latch to match, 4½", 12/3 each.

No. PHO 1227 Best polished Brass ditto, 4½", 9/9 each.



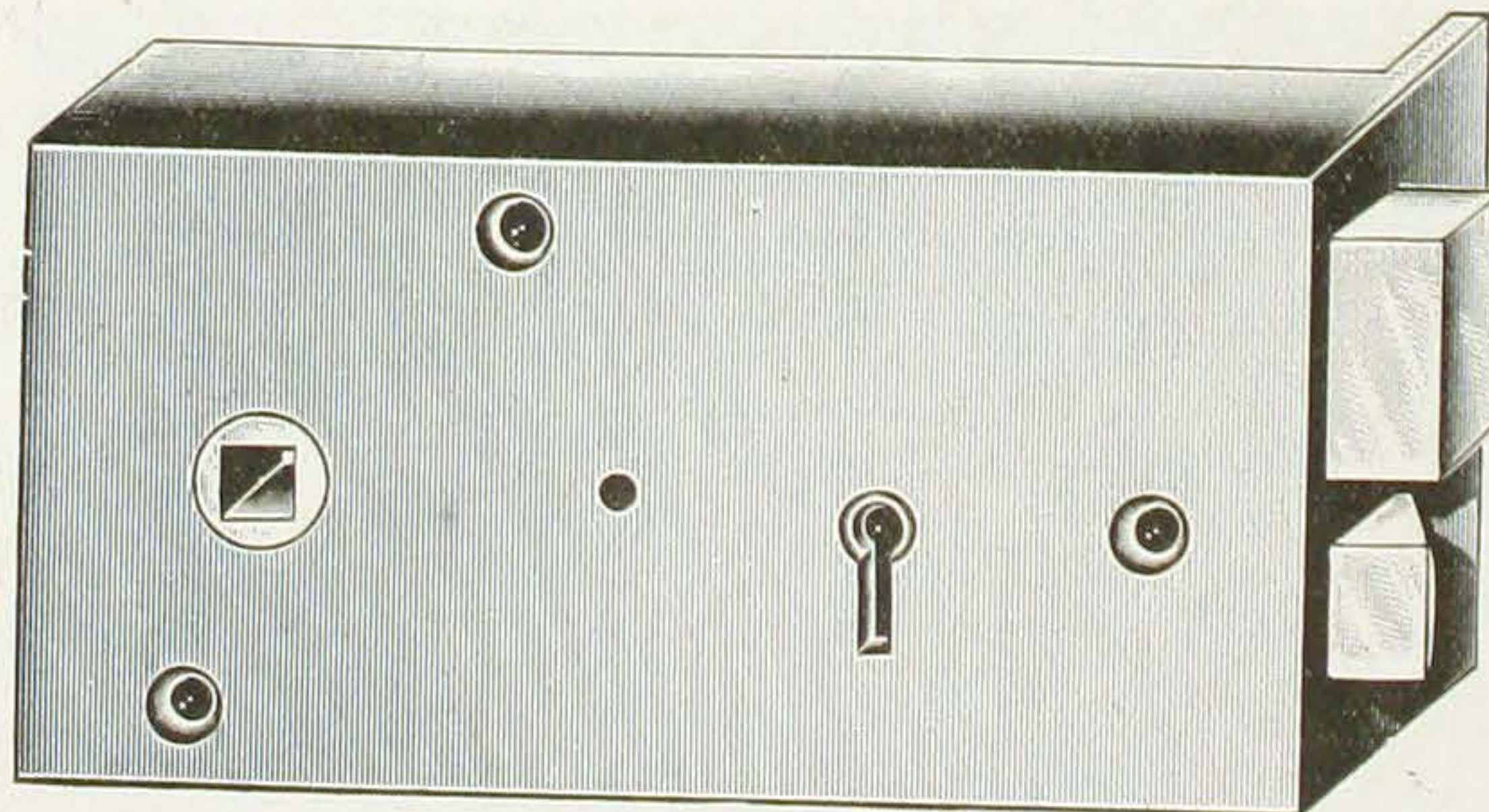
No. PHS 5385 Heavy, all cast, highly polished, best quality Rim Lock, moulded edge, Scotch spring, steel keys, 6".

Brass. B.M. Burnt Bronze Antique.

2-lever ... 11/6 15/- 15/9 each.

4-lever ... 12/3 15/9 16/8 "

No. PHS 5386 Rim Latch, heavy all cast brass, highly polished, best quality to match. Size 4", 8/4; 5", 9/8 each



No. PHS 1171 Cast Case Rim Lock, 2-lever, steel keys. Size of case, 5½" x 2½".

Brass, 10/6; C.B. and R., 12/3; B.M.A., 15/-; Ox. Silver on White Metal, 20/2 each.

No. PHS 1172 Rim Latch to match, size 4½" x 2½".

Brass, 8/9; C.B. and R., 10/6; B.M.A., 12/9; Ox. Silver on White Metal, 18/6 each.

No. PHO 3504 Stamped Brass Case, Rim Lock, 2-lever. Size of case, 6" x 3", 9/- each.

No. PHO 3801—Rim Latch to match 4" x 3", 8/9 each.



No. PHQ 4604 Scale half full size.

Size 2½".

	Pitt's Mortice. Per set.	Pitt's Rim. Per set.	Mace's Rim. Per set.
Brass	6/8	5/9	5/9
C. B. & R.	7/4	6/6	6/6
B.M.A.	7/6	6/8	6/8
Ox. Silver on White Metal	8/9	8/-	8/-

Priced per set.



No. PHQ 4603

	Pitt's Mortice. Per set.	Pitt's Rim. Per set.	Mace's Rim. Per set.
Brass	16/8	15/9	15/9
Brass, C.B.&R.	17/6	16/4	16/4
B.M.A.	19/3	18/-	18/-
Ox. Silver on White Metal	22/6	20/2	20/2



No. PHS*4602 Scale half full size. Knob, 1½". Rose, 2½" dia.

	Pitt's Mortice Per set.	Pitt's Rim. Per set.	Mace's Rim. Per set.
Brass	12/4	11/10	11/10
Brass, C.B.&R.	13/2	12/8	12/8
B.M.A.	14/-	13/2	13/2
Ox. Silver on White Metal	17/6	16/4	16/4

*Stocked only in Pitt's Mortice and Mace's Rim in Brass and B.M.A.

PHS—Stock Line.

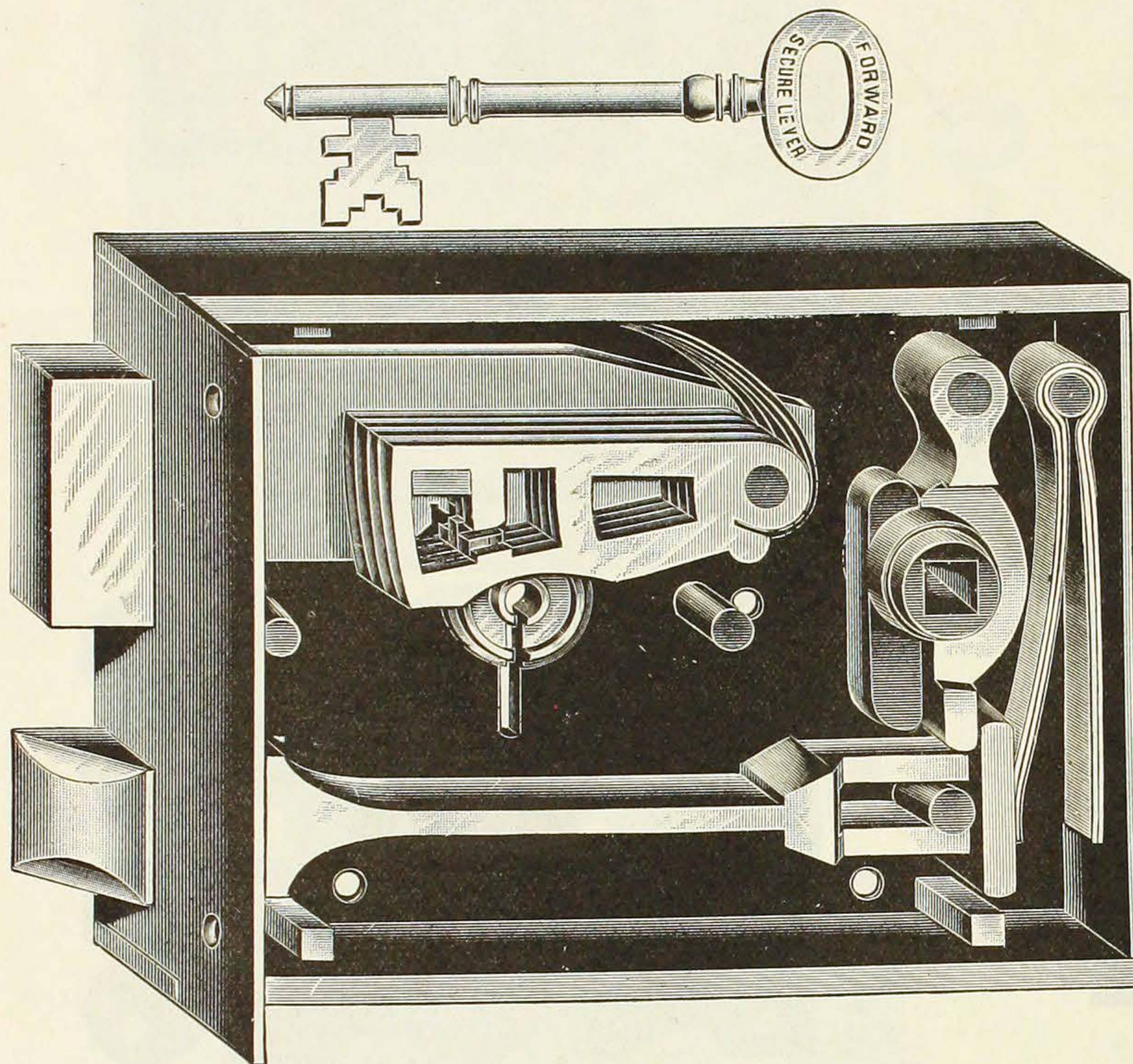
PHQ—Quick delivery.

PHO—To order only.

Extra for Chromium Plating Stainless for Lock Furniture, 5/- per set nett.

"Forward" Rim Locks, Japanned Cases

Scale Two-thirds full size.



No. PHS*1336 "Forward" patent, best quality Rim Lock, japanned case, four-lever, gun-metal fittings and bushes. Patent Direct Action. Very strong and secure.

6", 17/6 each; 7", 19/3 each; 8", 22/9 each.

*Only stocked in 6". Other sizes to order.

If supplied with Solid Bow Keys, 6d. per lock extra.

Extra Bow Keys, 1/9 each.

Extra for suiting, 1/9 dozen extra.

No. PHS* 1335 As above, two-lever, strong.

6", 15/- each; 7", 16/9 each; 8", 20/3 each.

*Only stocked in 6". Other sizes to order.

If supplied with Solid Bow Keys, 6d. per lock extra.

Extra Bow Keys, 1/9 each.

Extra for suiting, 1/9 dozen extra.

EXTRAS :

ALL Locks on this page can be made "En Suite" with our "Forward" Patent Mortice Locks if required.

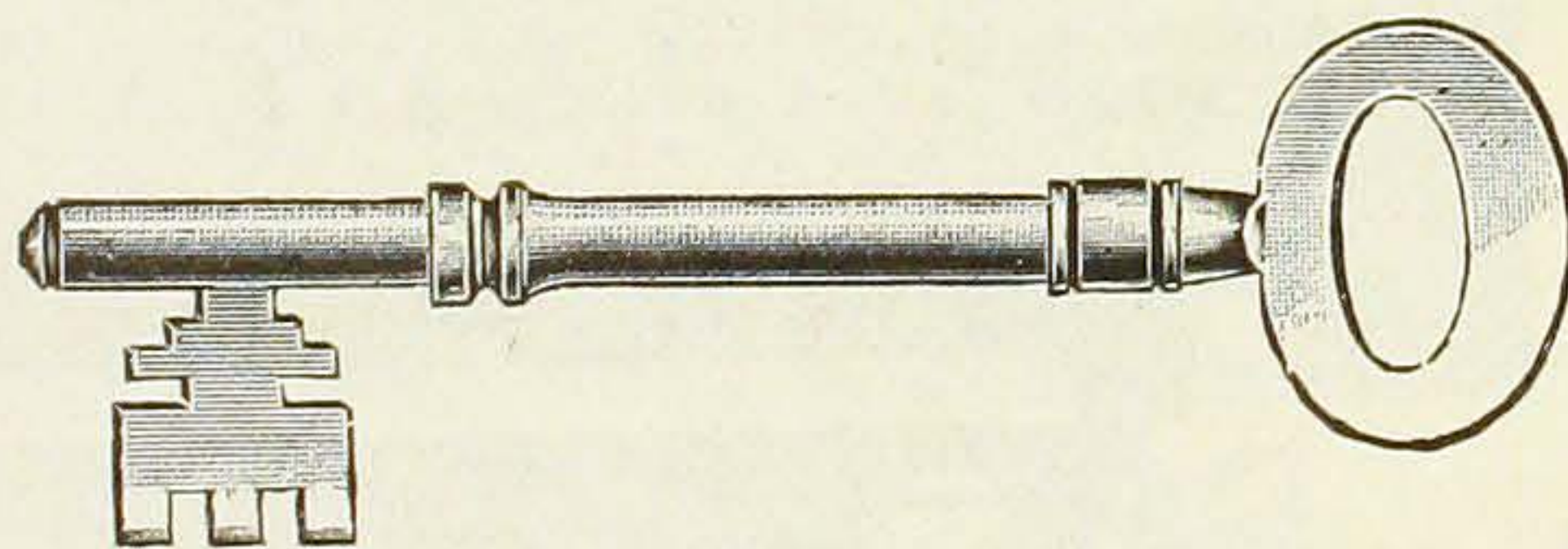
Extra for suiting, 1/9 per dozen extra.

Grand Master Keys, 6/3 each.

Sub-Master Keys, 4/6 each.

If supplied with Solid Bow Keys 6d. per lock extra.

Extra Bow Keys, 1/9 each.



No. PHS*1328 Best quality, extra strong, japanned case, four-lever, brass bolts, palace motion action, solid rim; also with solid bow keys for Government requirements.

6", 15/9 each; 7", 17/6 each; 8", 21/- each.

See extras above. *Stocked only in 6".

No. PHS*1326 Extra strong, japanned case, solid brass ward, brass bolt, palace motion.

6", 13/3 each; 7", 15/- each; 8", 18/6 each.

See extras above. *Stocked only in 6".

No. PHS* 1324 Strong japanned case, one-lever, solid rim, brass sash ward, palace motion, brass bolt.

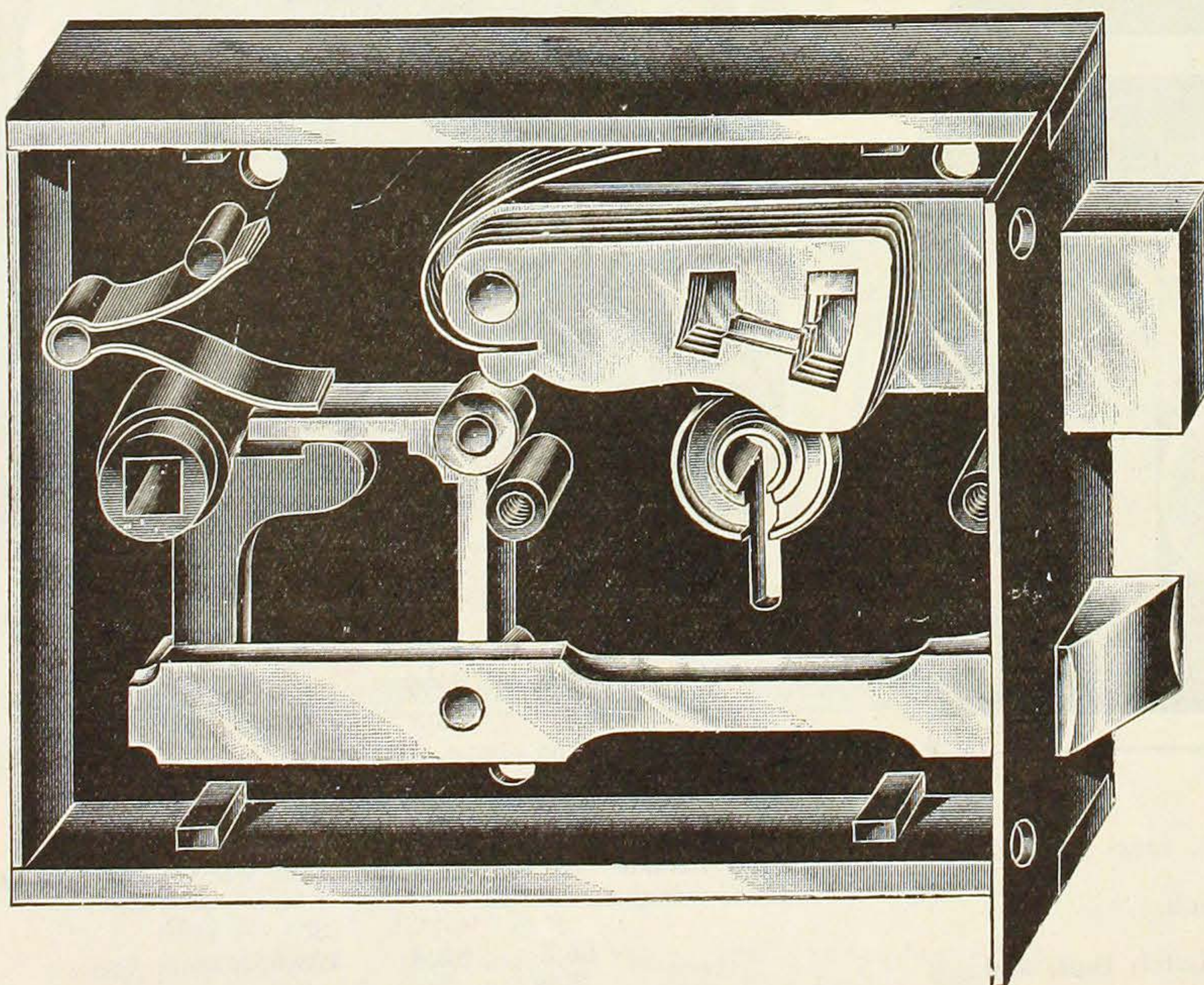
6", 105/- dozen, 8/10 each; 7", 131/3 dozen, 11/3 each; 8", 189/- dozen, 16/- each.

See extras above. *Stocked only in 6".

No. PHS*1322 Japanned case, two-lever, solid rim, palace motion, brass bolt, nickel-plated key. Very neat, suitable for good inside doors.

6", 77/- dozen, 6/6 each; 7", 94/6 dozen, 8/- each; 8", 129/6 dozen, 10/10 each.

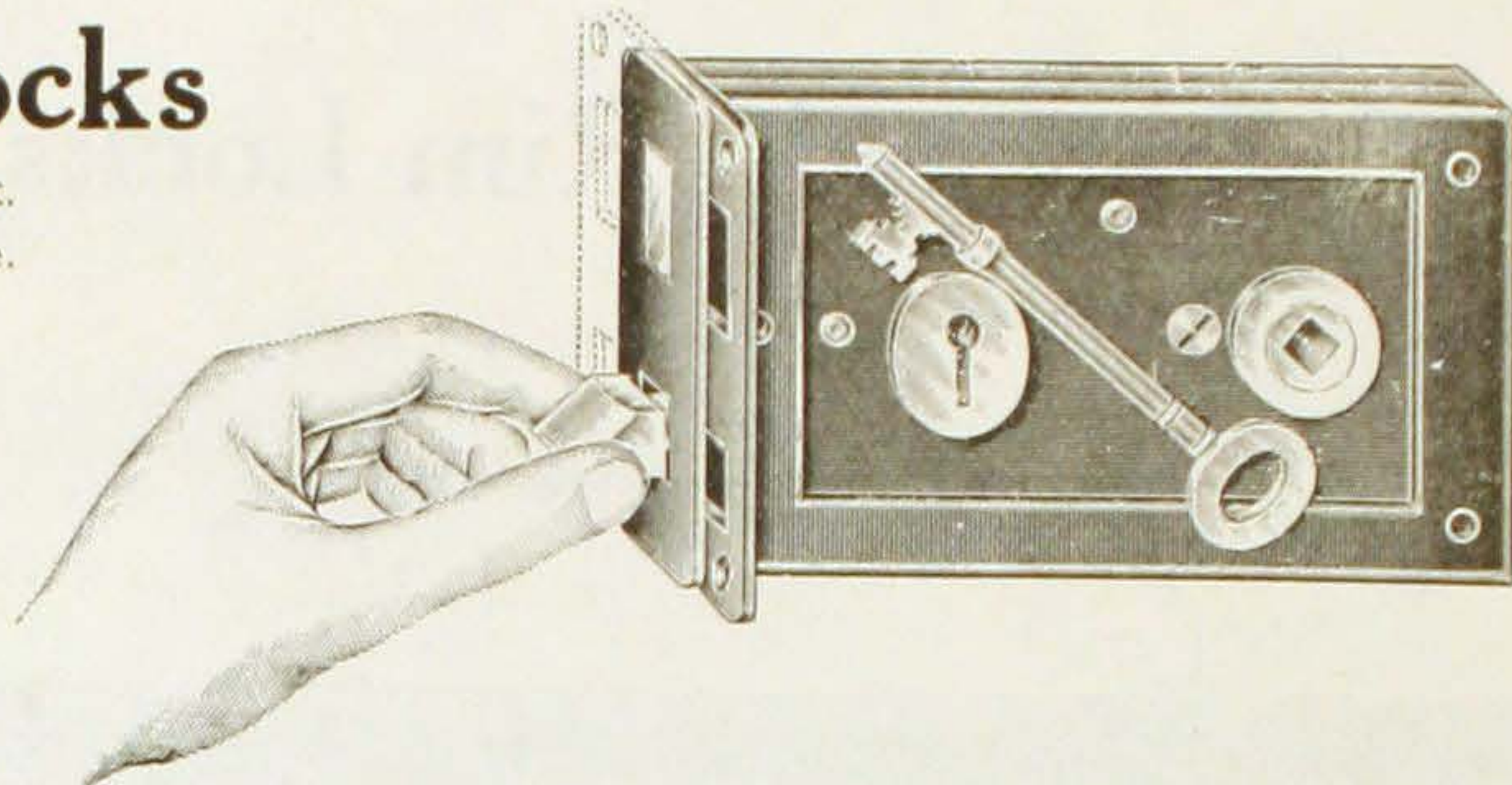
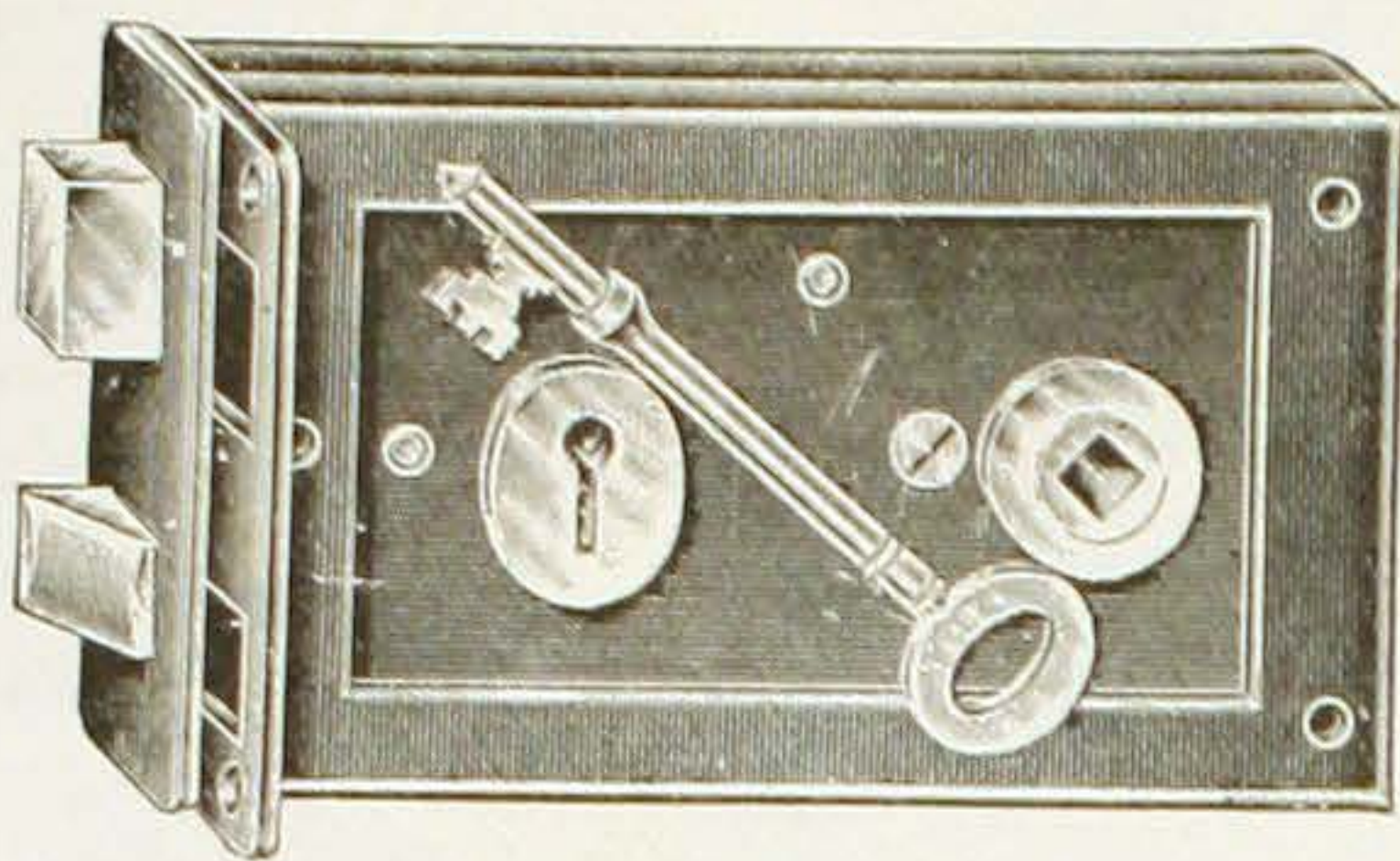
See extras above. *Stocked only in 6".



Rim Locks

Scale Approx.
Half Full-Size.

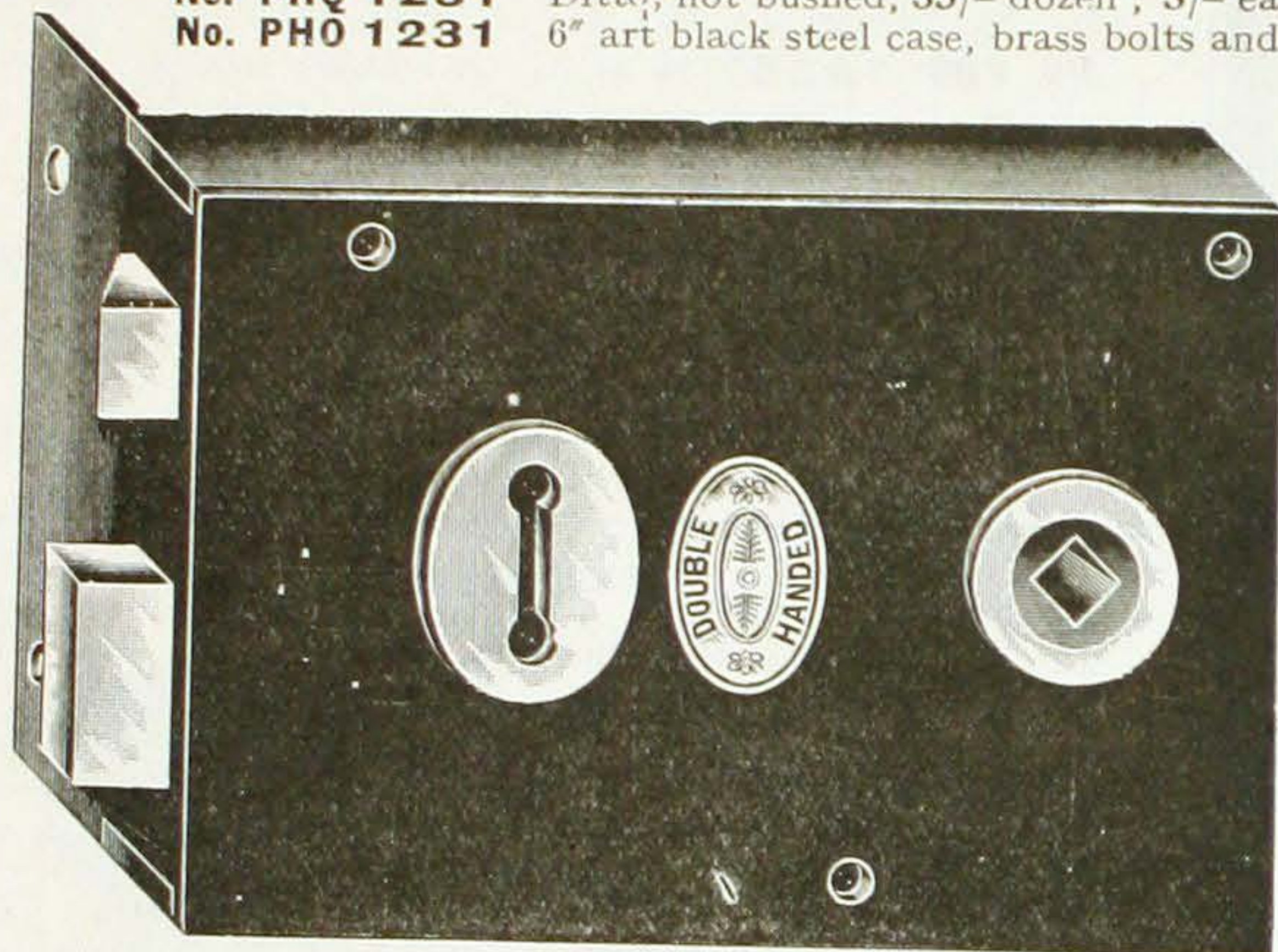
Four-
Way
Lock.



No. PHS 1231 An improved type of Four-way Lock, which is easily adaptable to the hand required. The Latch Bolt is reversed simply by pulling out, turning over and releasing. The end plate being pushed over to suit hand. Size 6", art black steel case, brass bolts and bushed, one-lever, 38/6 dozen ; 3/3 each.

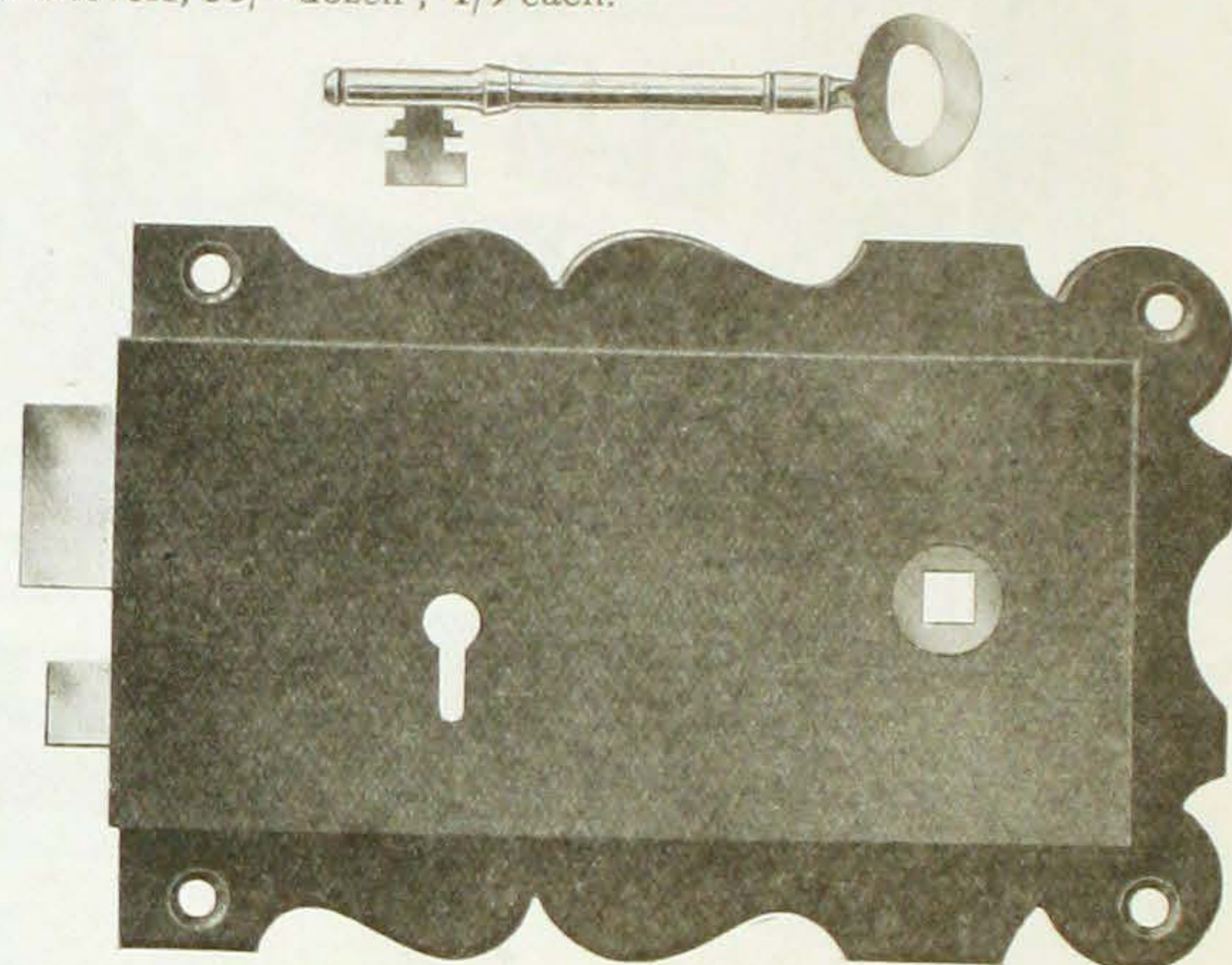
No. PHQ 1231 Ditto, not bushed, 35/- dozen ; 3/- each.

No. PHO 1231 6" art black steel case, brass bolts and bushed, two brass levers, 56/- dozen ; 4/9 each.



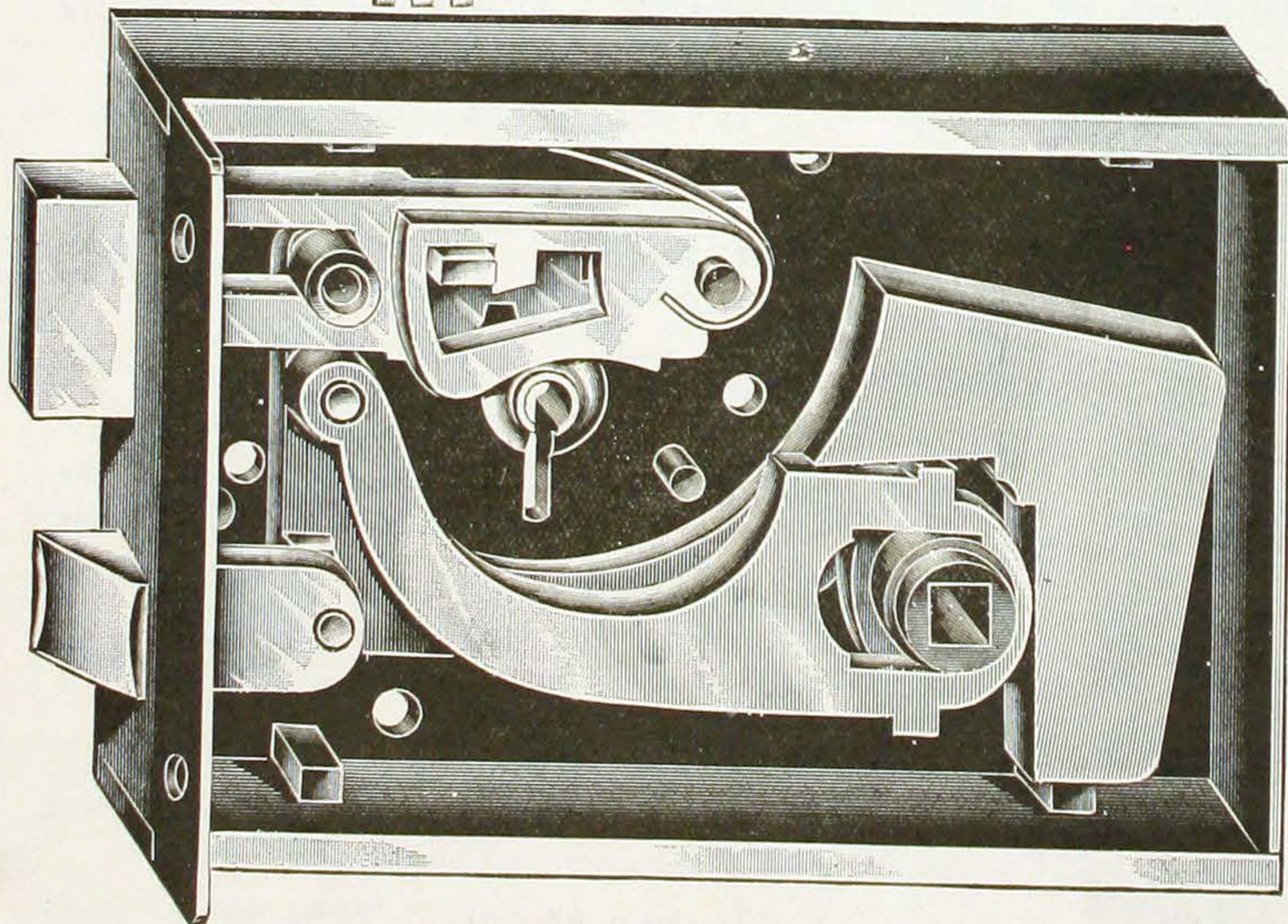
No. PHS* 1316 Strong Brass Bolt, double handed, japanned case. *Stocked only in 6 inch.

6"	7"	8"
63/-	78/9	106/9 dozen.
5/3	6/8	9/- each.



No. PHS 3025 Plain Cast Iron Case, art black finish, shaped flange, brass bolts, one-lever, 6", 45/6 dozen ; 4/- each.

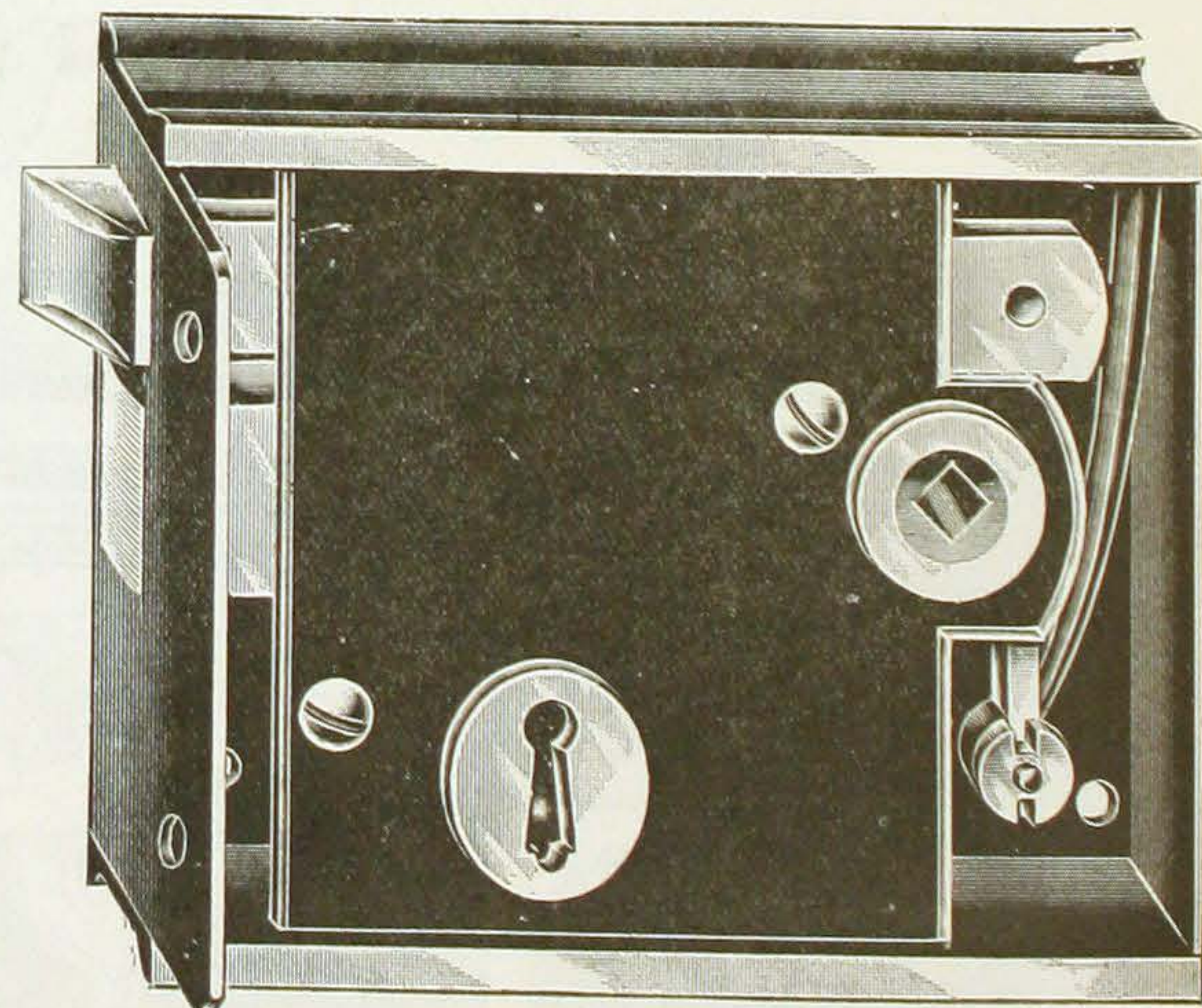
No. PHS 3020 Latch to match, 26/3 dozen ; 2/4 each.



No. PHS 1332 Improved Patent Weighted Bolt Lock. Strong Japanned Case, brass bolt, sash ward, brass bushed, one-lever, 6", 105/- dozen ; 9/- each.

No. PHO 1333 Brass bushed, two-lever, 117/3 dozen ; 9/10 each. Can also be made "En Suite" with Mortice Locks, if required.

The Patent Action gives great leverage to the weight working Latch Bolt, and prevents knobs from binding.



No. PHS* 1311 Japanned Case, extra strong, Scotch spring, fine ward brass bolt.

6"	7"	8"
57/9	72/9	106/9 dozen.
5/-	6/3	9/3 each.

No. PHS* 1310 As above, iron bolt.

6"	7"	8"
52/6	66/6	98/- dozen.
4/6	5/9	8/6 each.

No. PHO 1309 As above, solid brass ward, solid bow key, for Government work.

6"	7"	8"
66/6	82/3	108/6 dozen.
5/9	7/-	9/3 each.

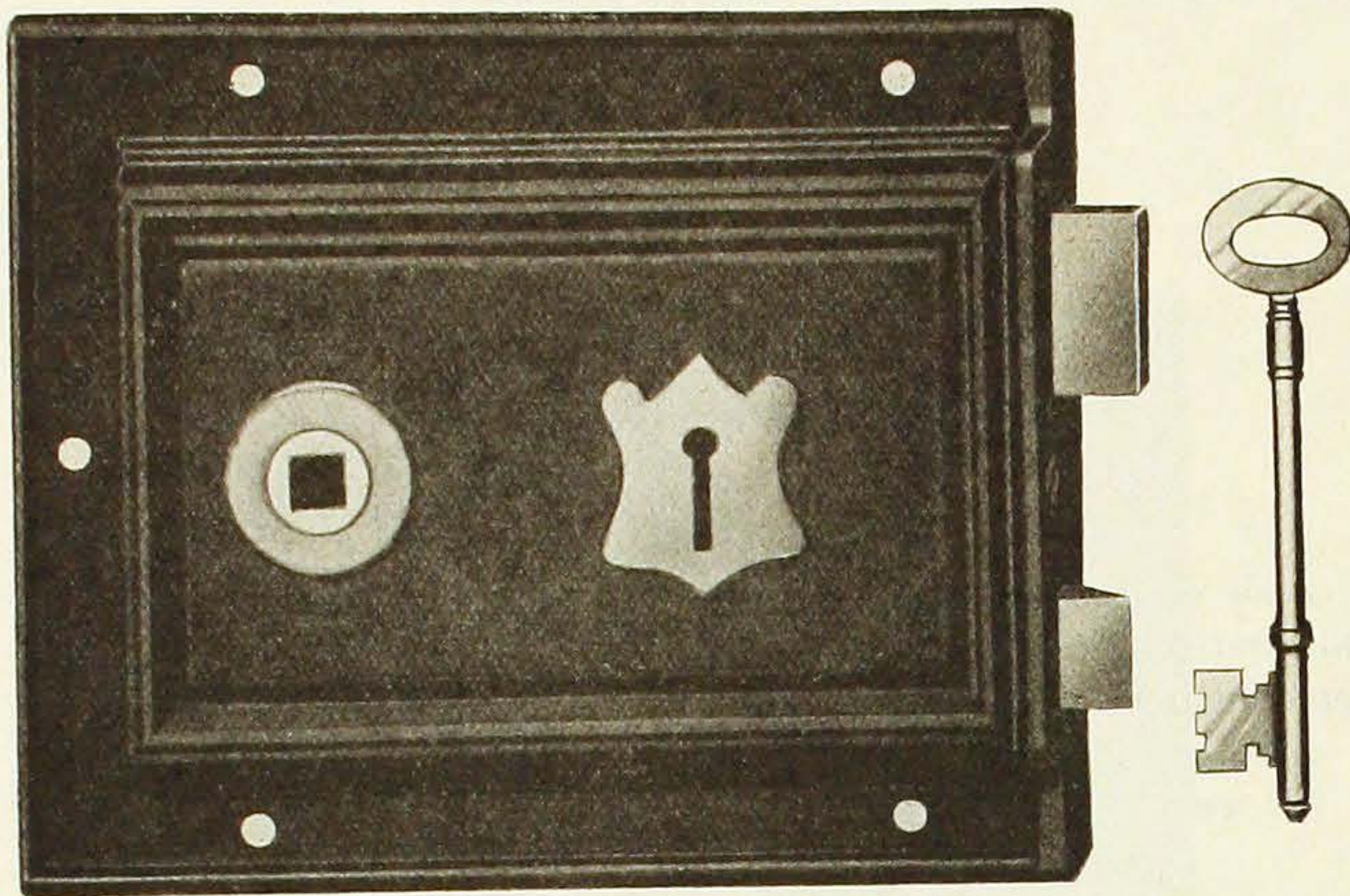
*Stocked only in 6 inch.

"B" Basis.

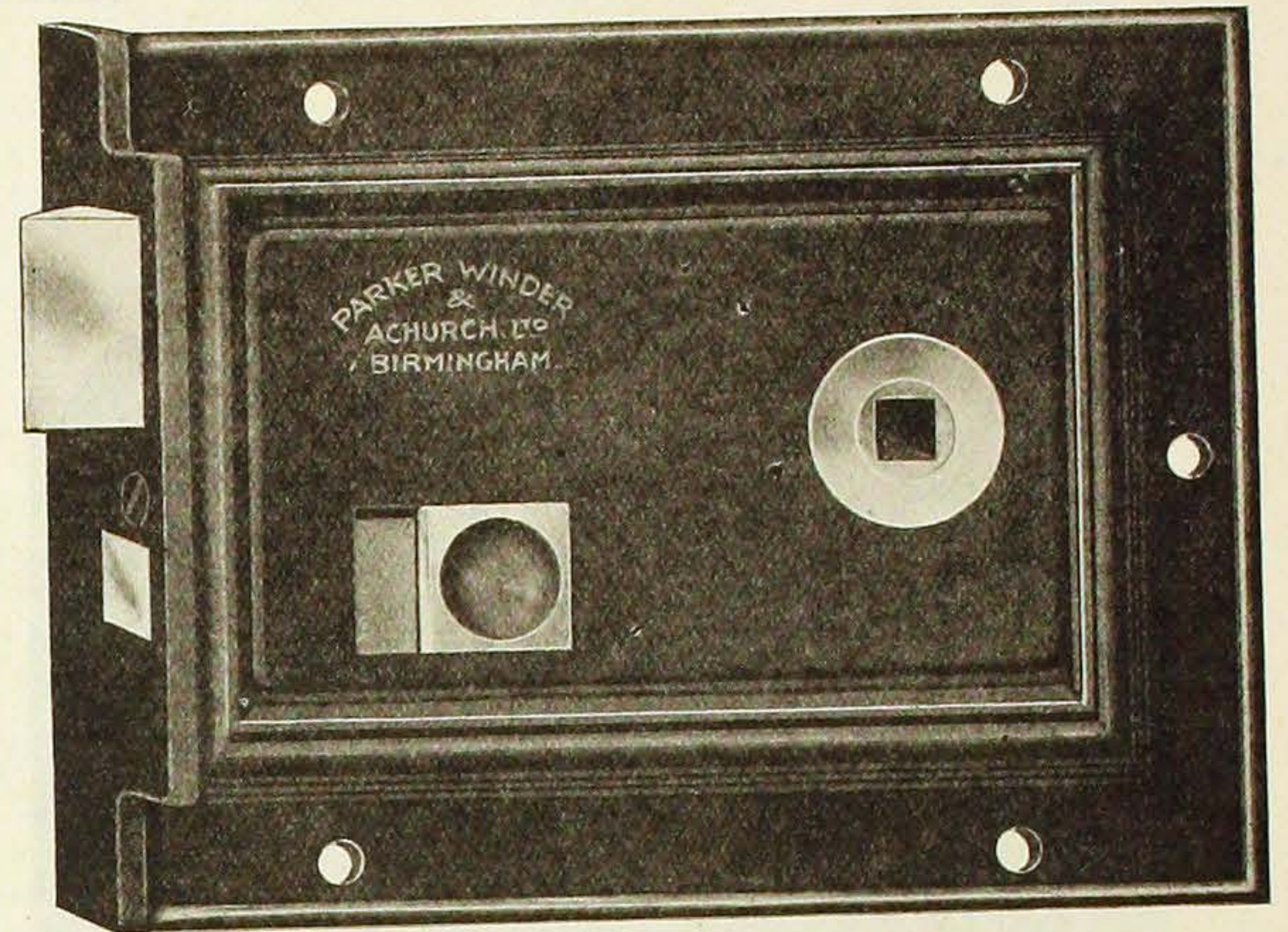
PHS—Stock Line ; PHQ—Quick delivery ; PHO—To order only.

Rim Locks and Latches

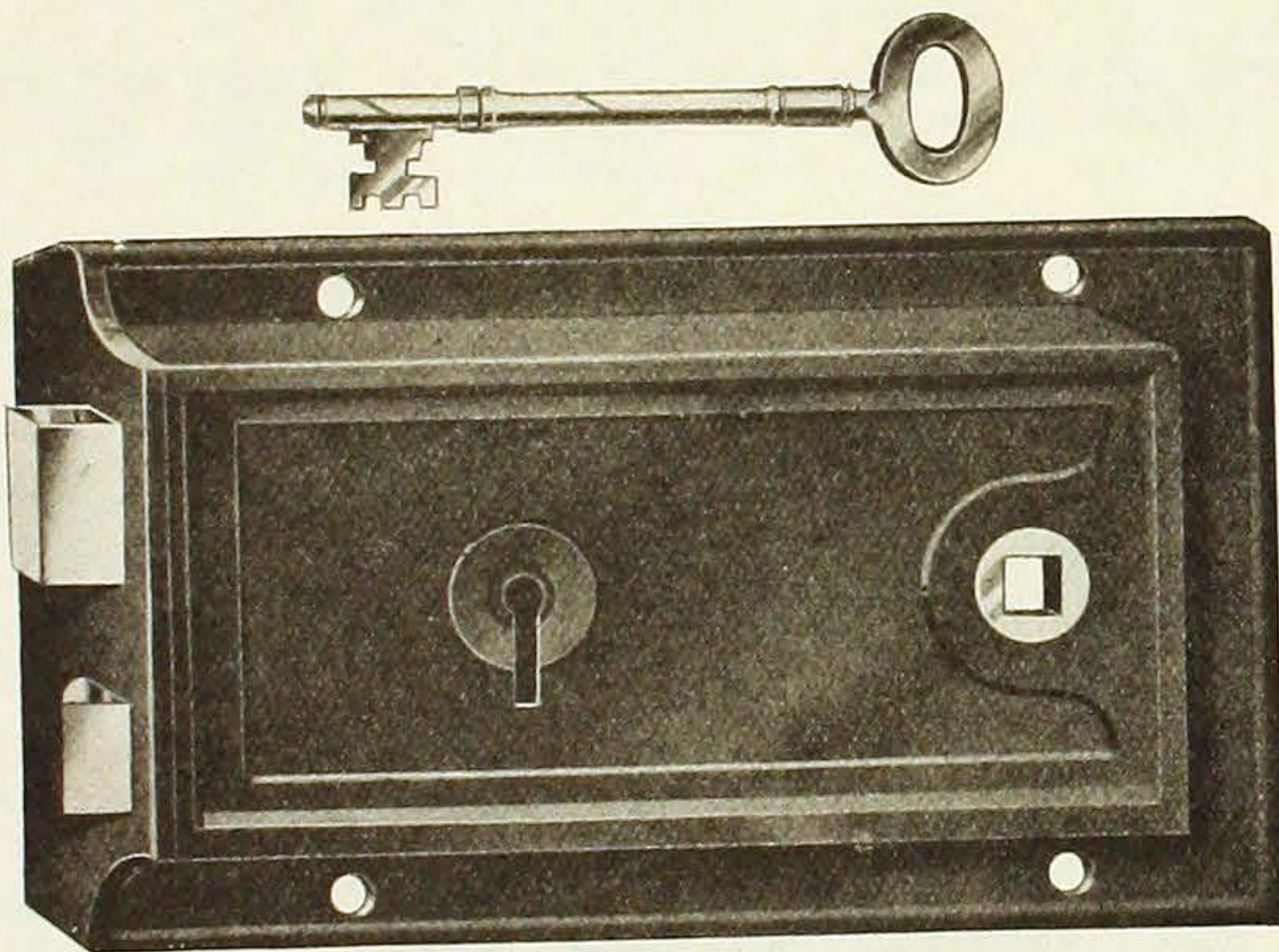
CAST IRON CASES.
Scale Approx. One-half Full Size.



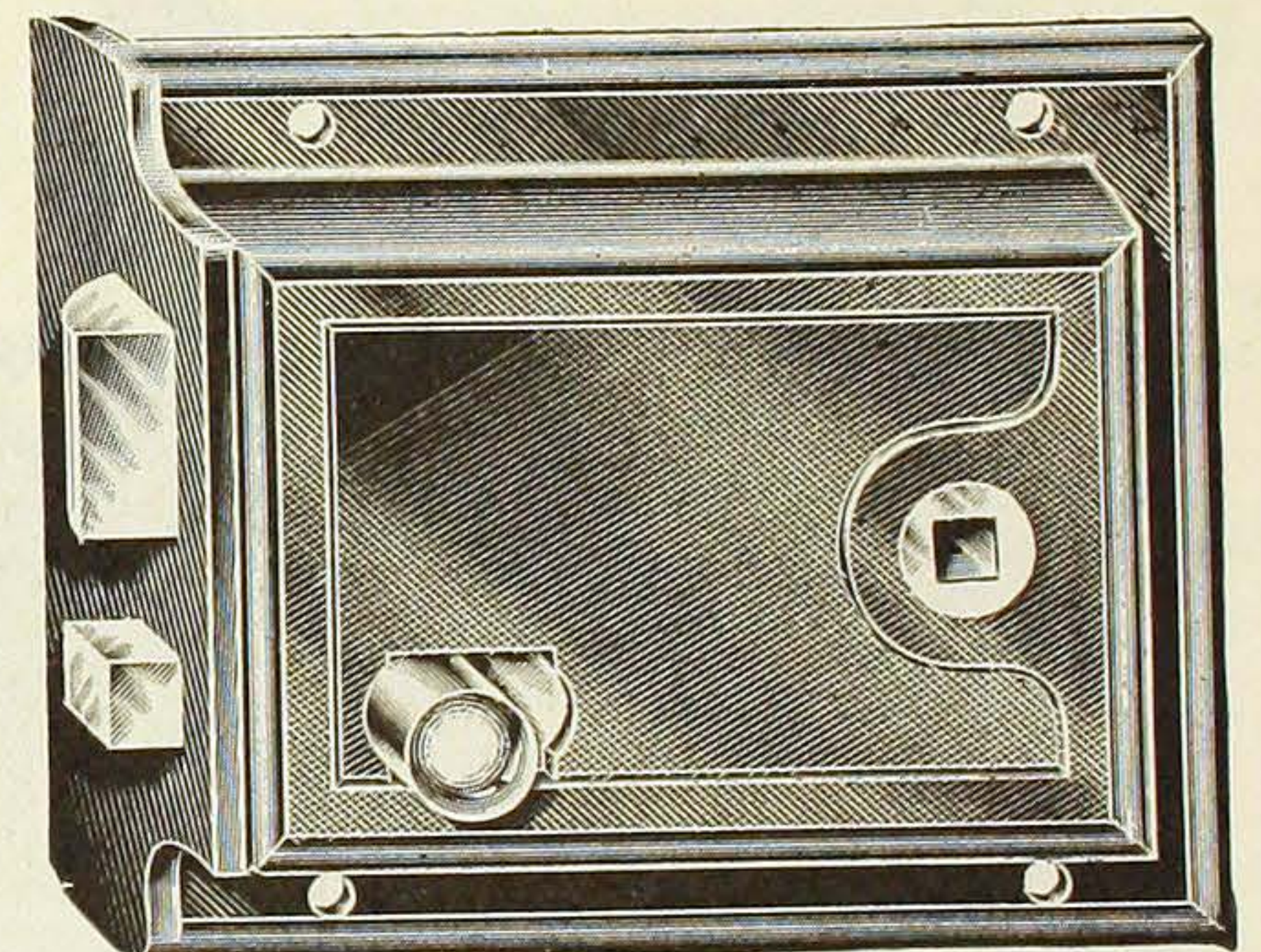
No. PHS 1325 6" strong Moulded Cast Iron Case, art black finish, gun-metal bolts, two-lever, 10/6 each.
No. PHS 1323 As above, but with brass bolts, and bushes, one-lever, 8/4 each.



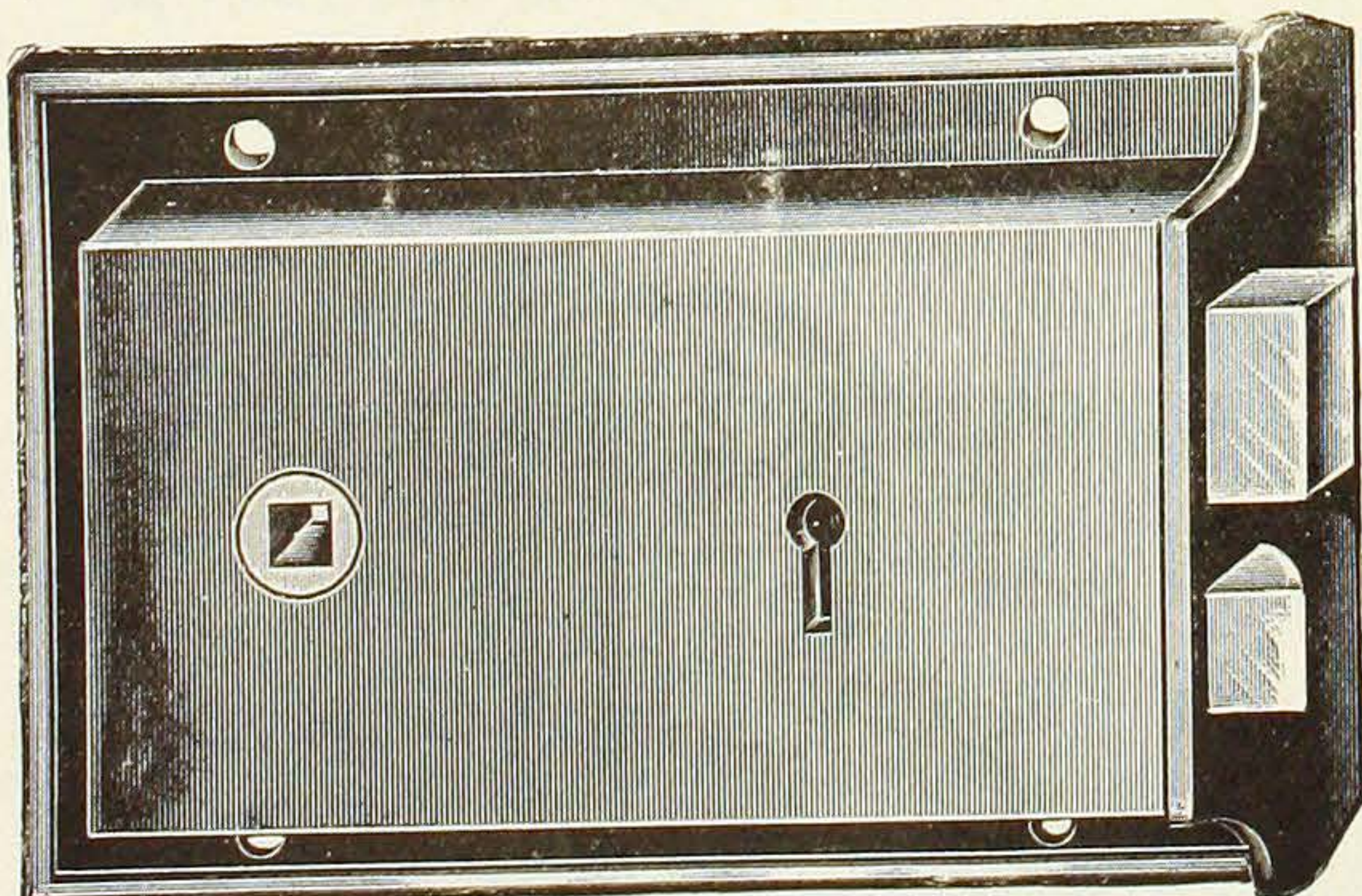
No. PHS 5380 6" strong Moulded Cast Case, art black finish, brass bolts and bushes, double spring, 5/3 each.



No. PHS 1321/1 6" Rim Lock, plain Cast Iron Case, art black finish, beaded straight flange, brass bolts, double sash wards, one lever, 48/3 per dozen, 4/3 each; two-lever 57/- per dozen, 5/- each.

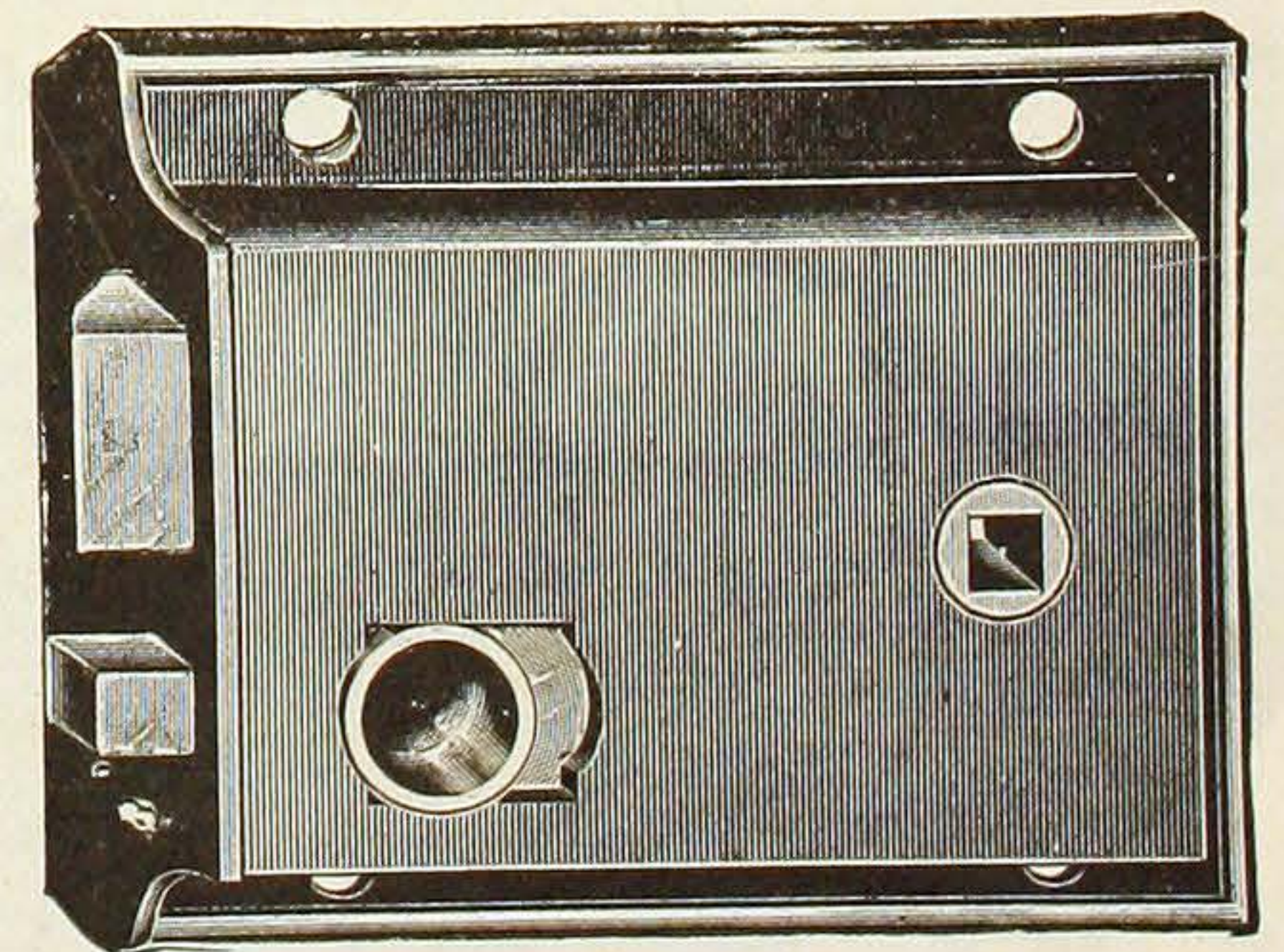


No. PHS 1225 5" Cast Case Rim Latch, brass bolts, as illustrated, 26/3 per dozen, 2/6 each.



No. PHS 1301 6" Cast Case, art black finish, brass bolts, 40/3 per dozen, 3/6 each.

No. PHS 3026 6" Cast Moulded Case, art black, strong heavy rim lock, brass bolts, 45/6 per dozen, 3/10 each. Rim Latch to match, No. PHS 3021 opposite.

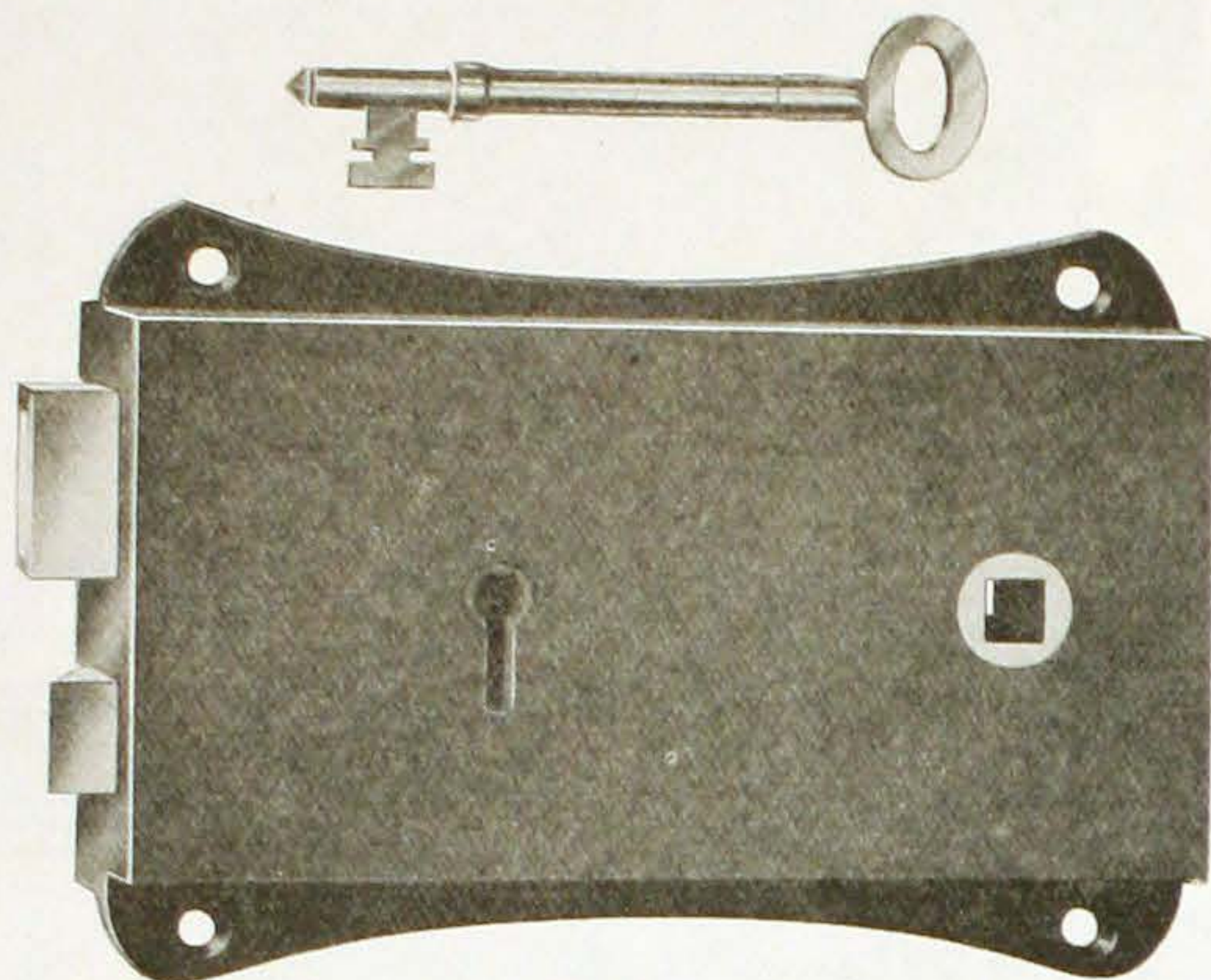


No. PHS 1208 4 1/2" Cast Case Rim Latch, art black finish, brass bolts, 22/9 per dozen, 2/- each.

No. PHS 3021 Rim Latch to match No. PHS 3026 Rim Lock opposite. Cast Moulded Case, brass bolts, 27/3 per dozen, 2/6 each.

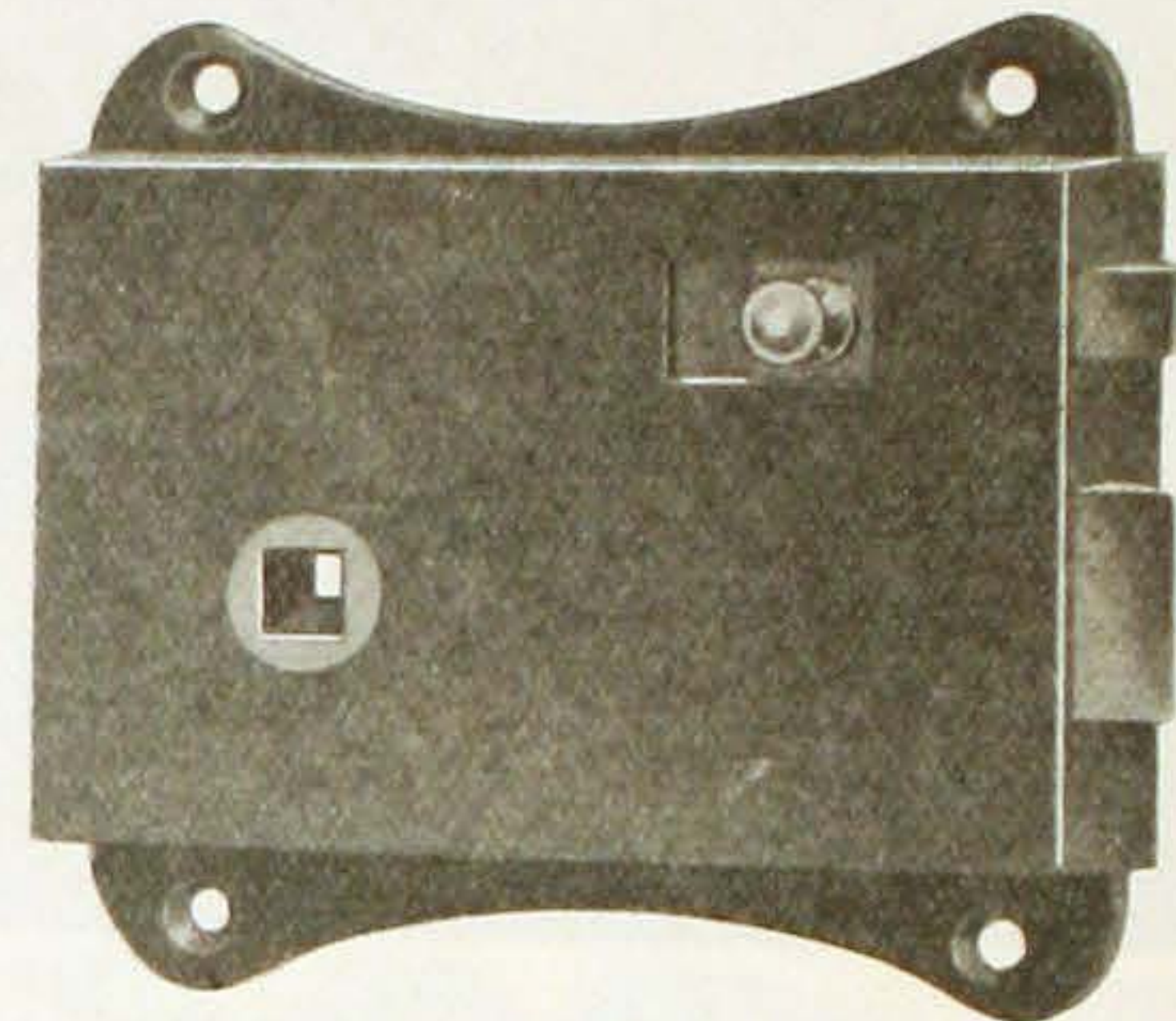
Rim Locks and Latches to match.

Cast Cases.

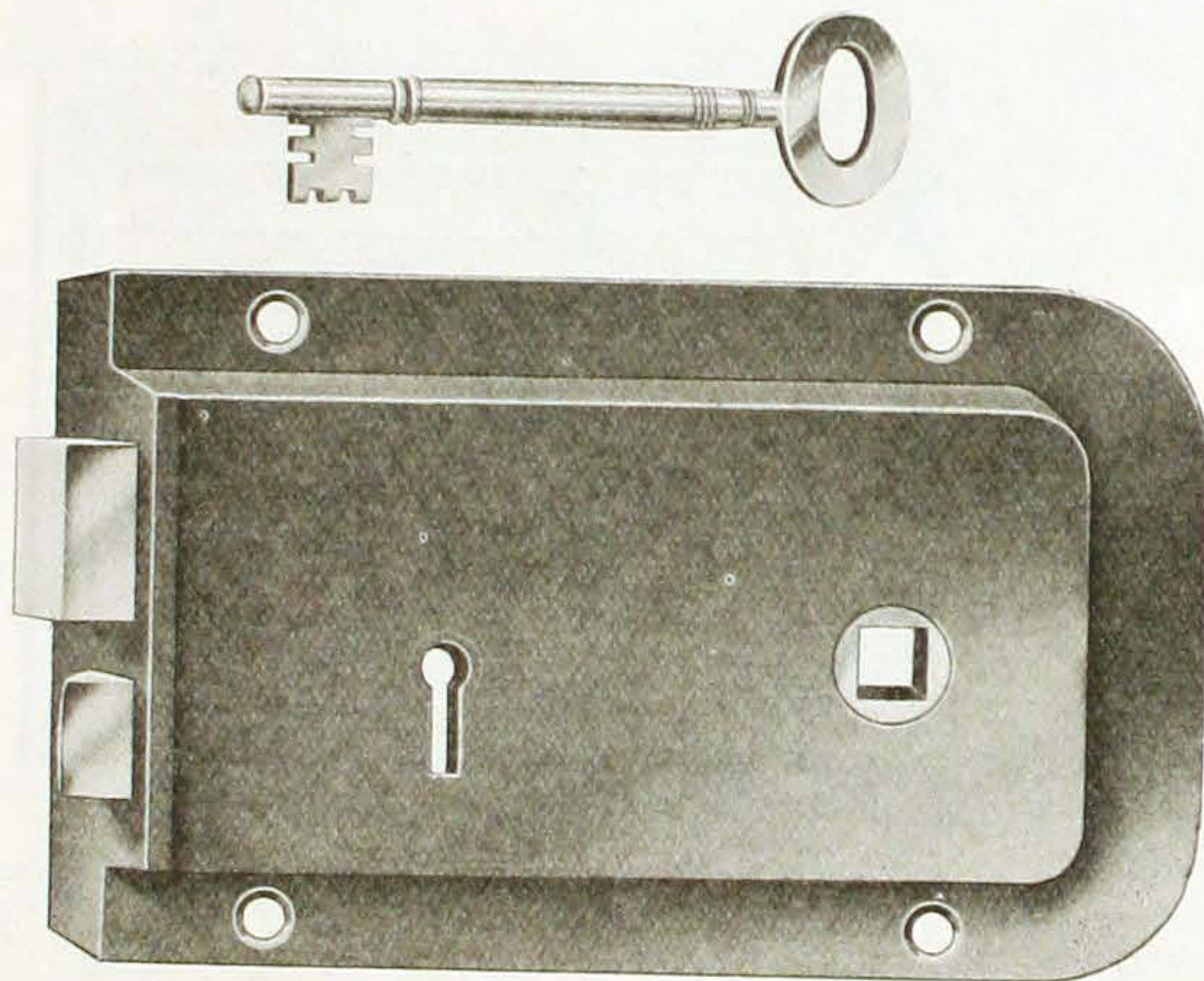


No. PHS 1334 5½" curved flange cast case, Rim Lock. Art black finish, brass bolts, one lever, 45/6 dozen, 4/- each.

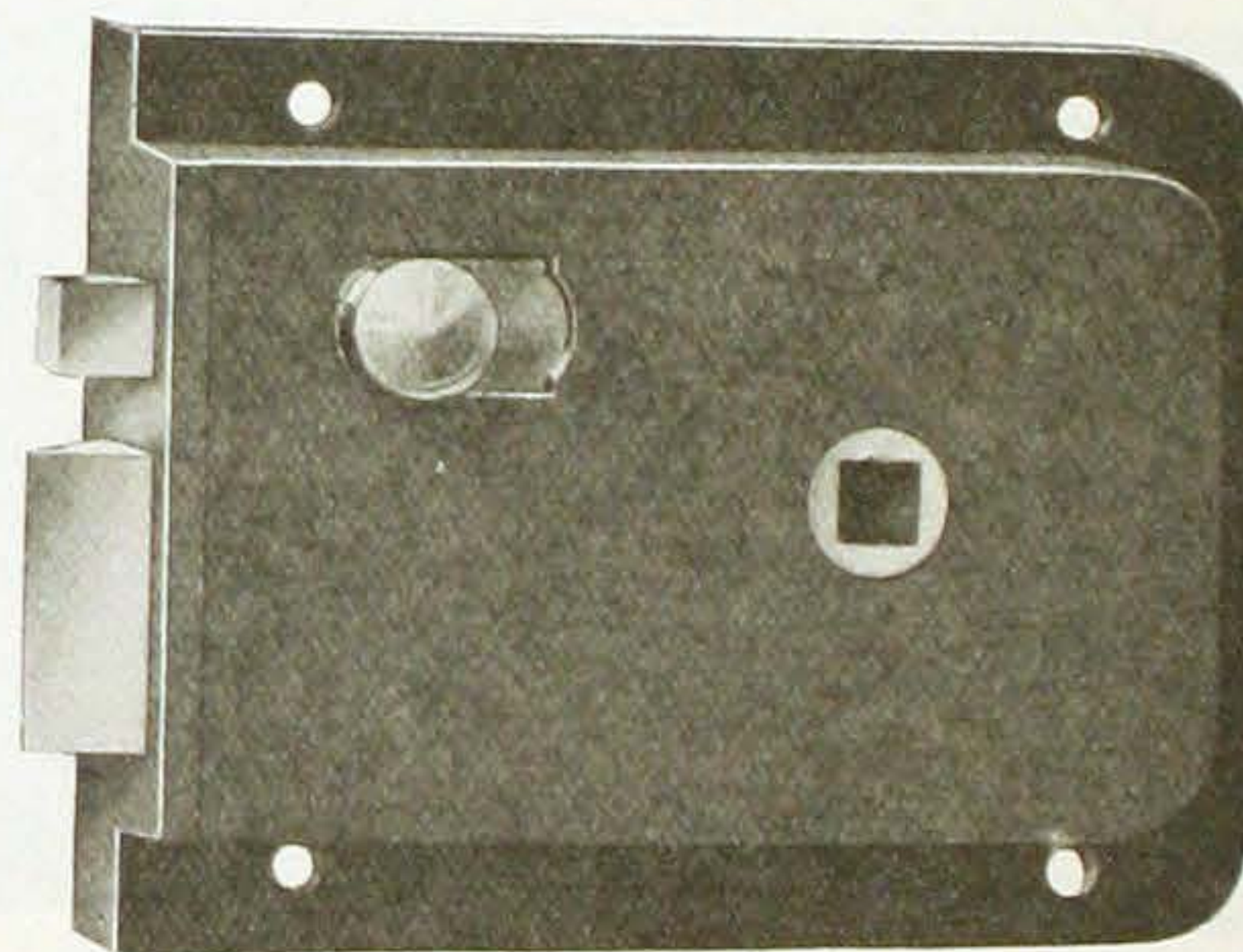
Scale of
illustrations
approximately
one half
full size.



No. PHS 1223 4" curved flange cast case Rim Latch, art black finish, brass bolts, knob slide, 24/6 per dozen, 2/3 each.

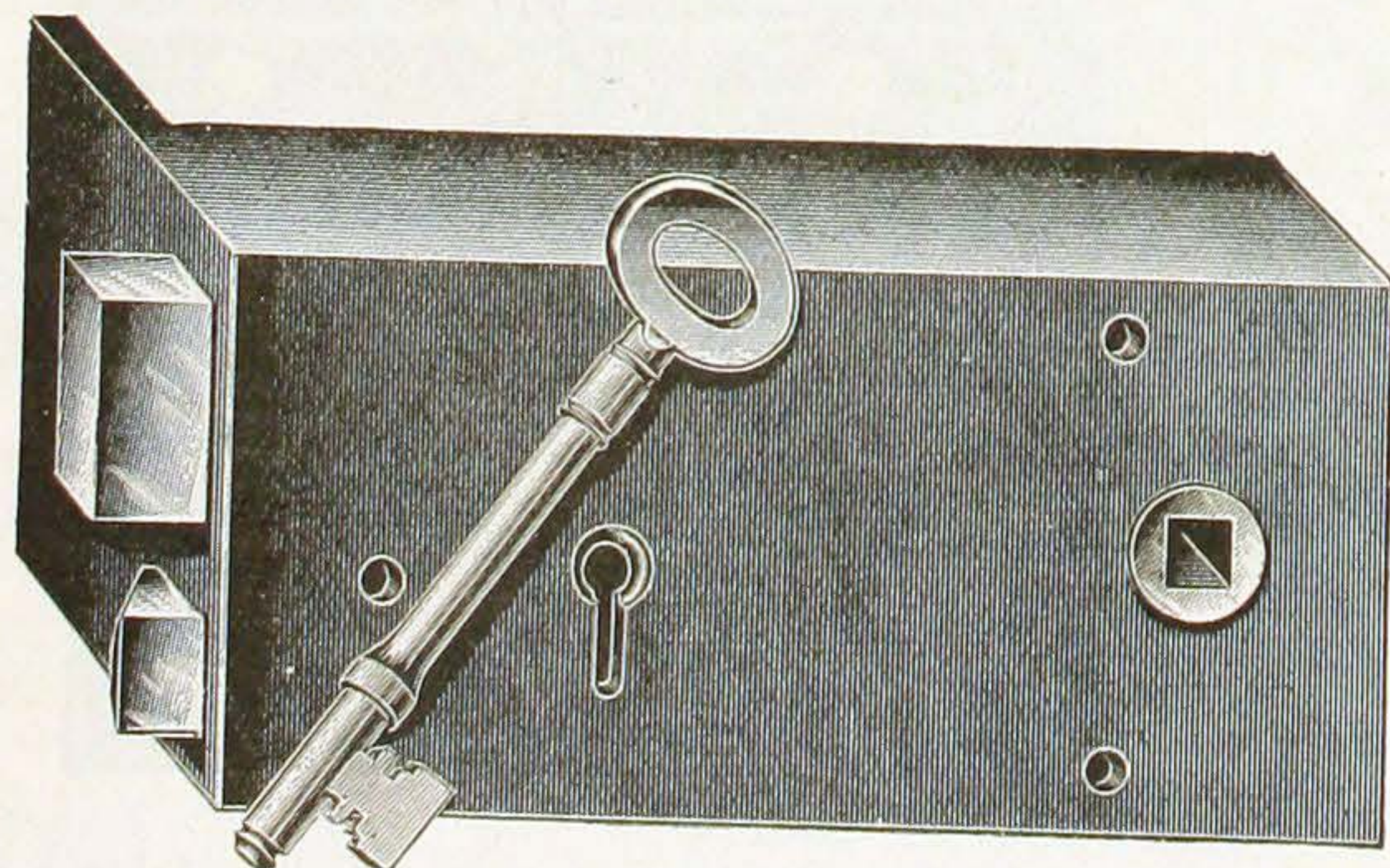


No. PHS 9244 6" cast case Rim Lock, art black finish, brass bolts, sash ward, one lever, phosphor bronze spring, to differ in ½ dozens, 42/- per dozen, 3/8 each.



No. PHS 9245 4½" cast case Rim Latch, art black finish, brass bolts, phosphor bronze spring, 23/9 per dozen, 2/2 each.

No. PHS 3802 Ditto, white enamel, 35/- per dozen, 3/2 each.

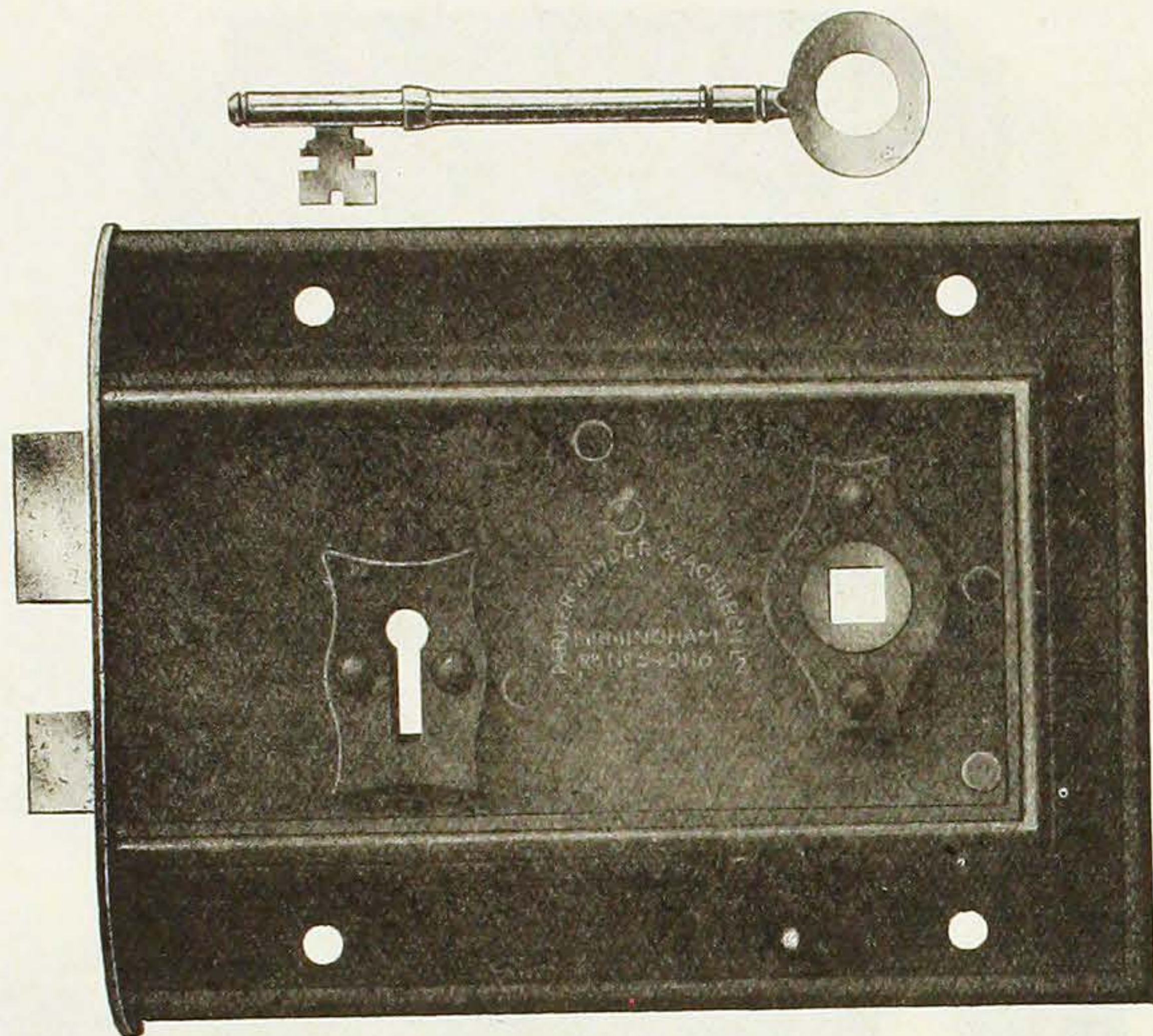


No. PHS 1378 Rim Lock, cast case, B.B. finish, brass bolts, one lever, 5½" x 2½" 42/- per dozen, 3/8 each.

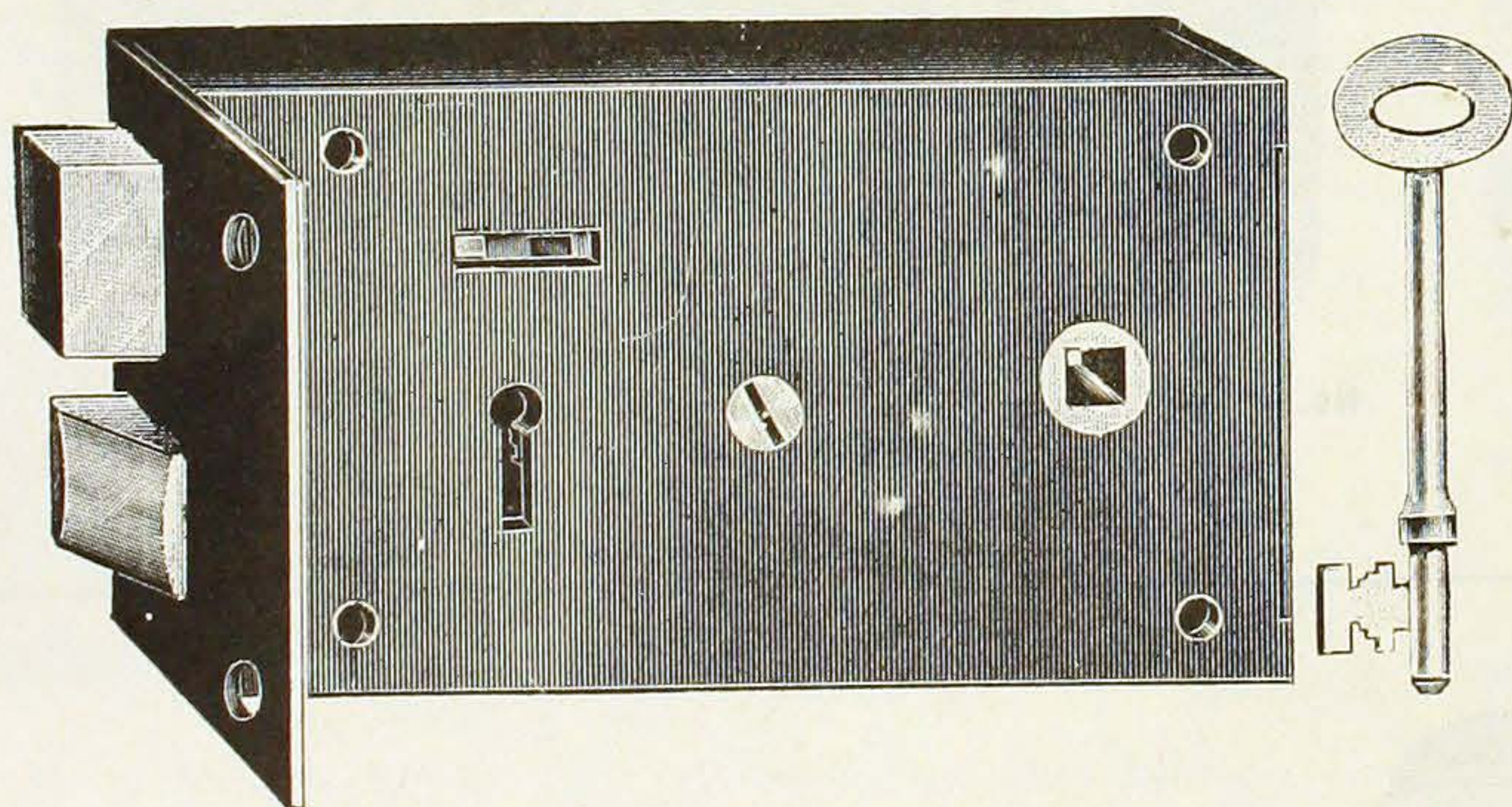


No. PHS 3803 5" strong plain cast case Rim Latch, strong brass bolts, sunk slide, 26/3 per dozen, 2/6 each.

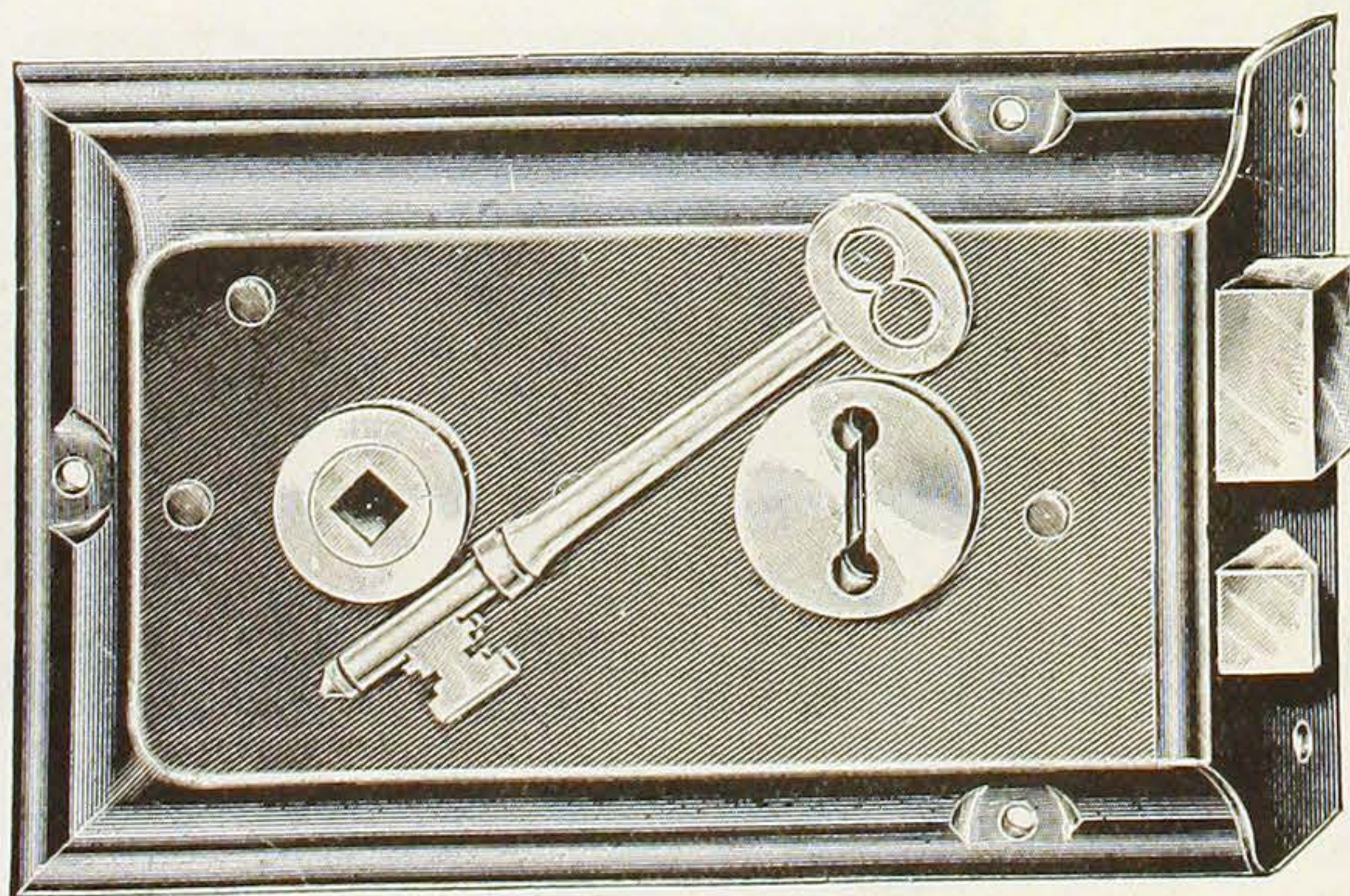
Rim Locks and Latches

STEEL CASES.
Illustrated Approx. Half Full Size

No. PHS 1313 6" Registered Stamped Steel Moulded Case, art black finish, unbreakable all steel fittings, brass bolts, etc., 48/3 per dozen, 4/3 each.

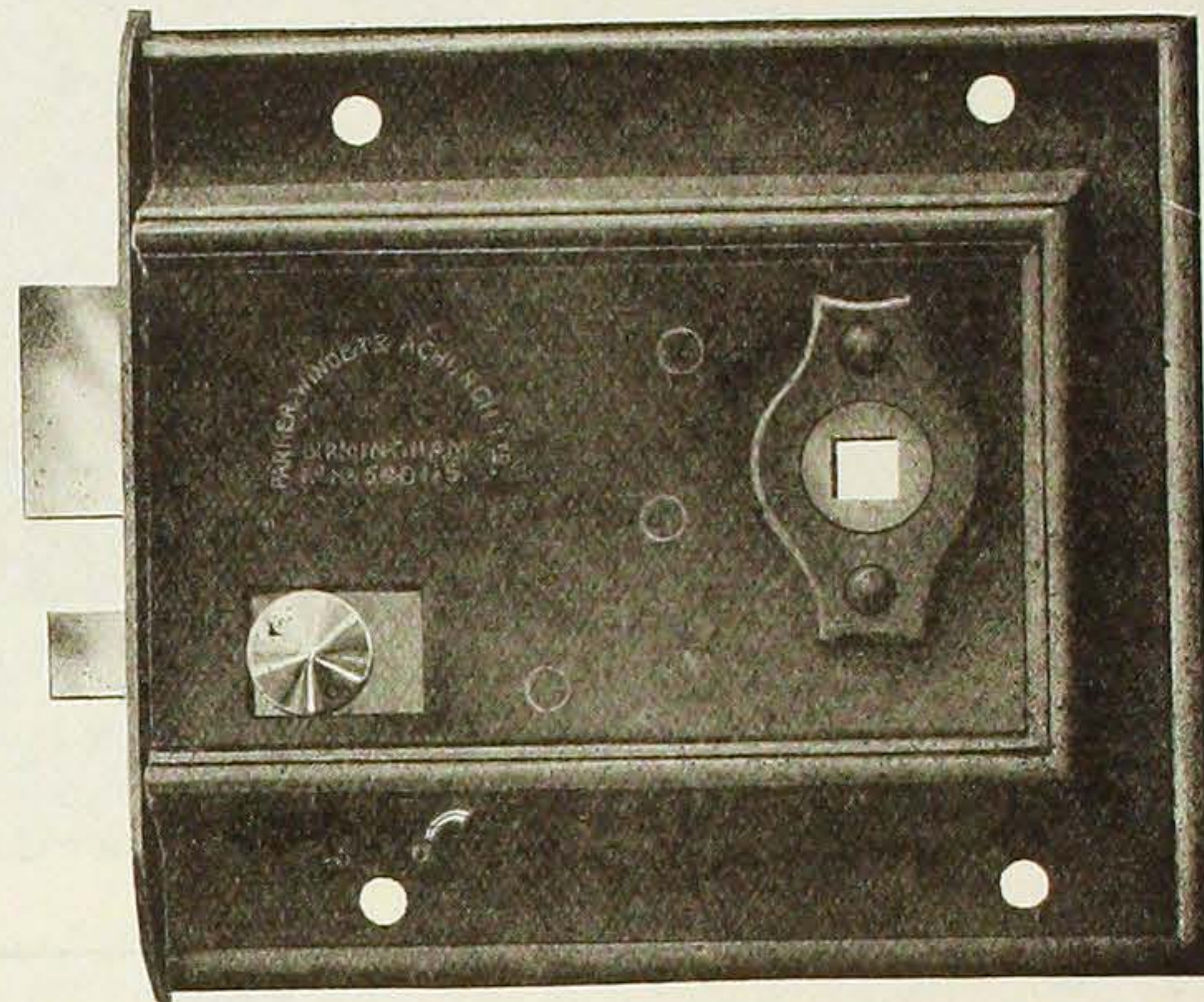


No. PHS 1303 6" art black, Square Steel Case, brass bolts, steel action, 26/3 per dozen, 2/4 each.

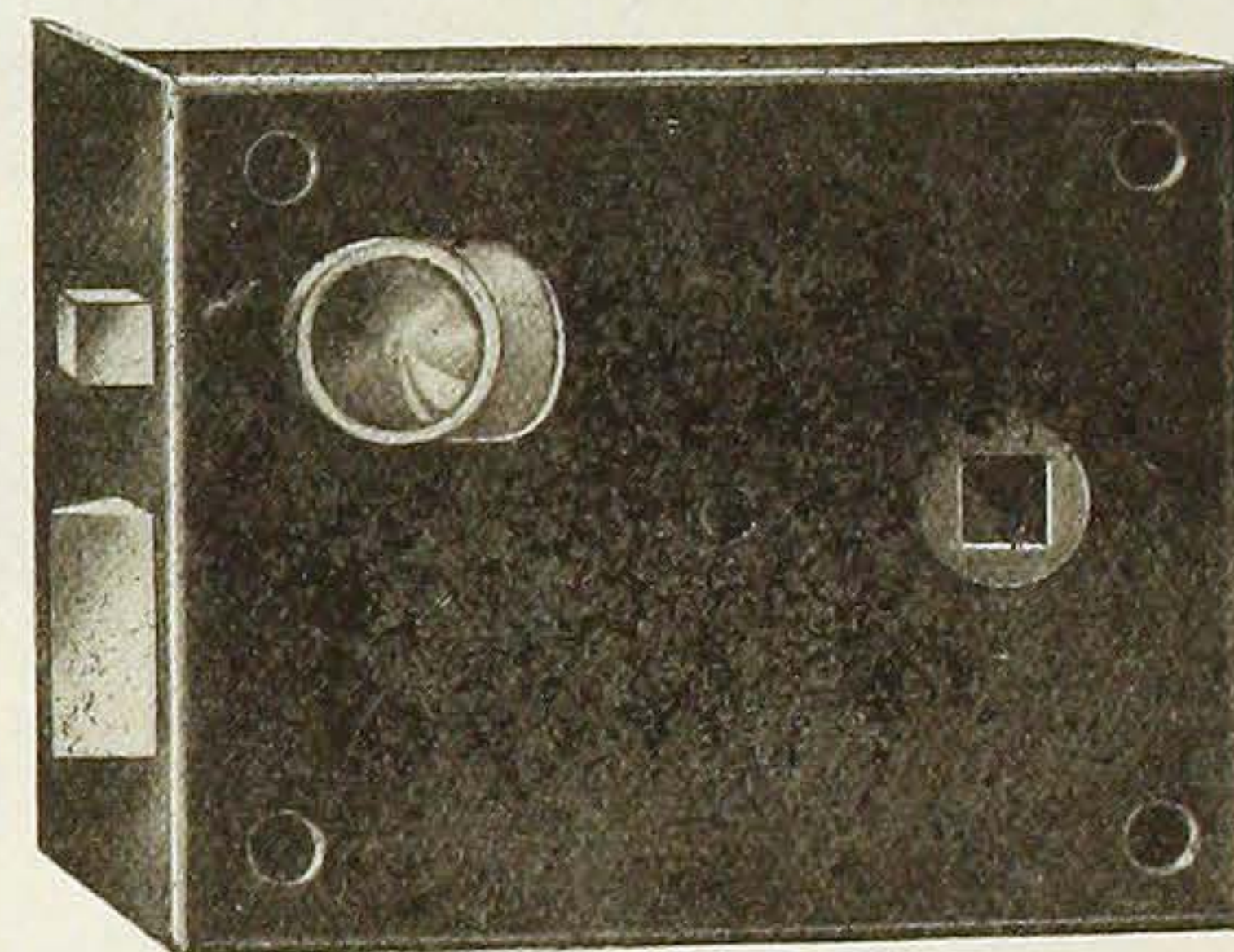


No. PHS 1295 Steel Case Rim Lock, double handed Japanned, strong steel mechanism, solid brass bolts, easy lever like action, 6" x 4 1/8", 21/- per dozen, 2/- each.

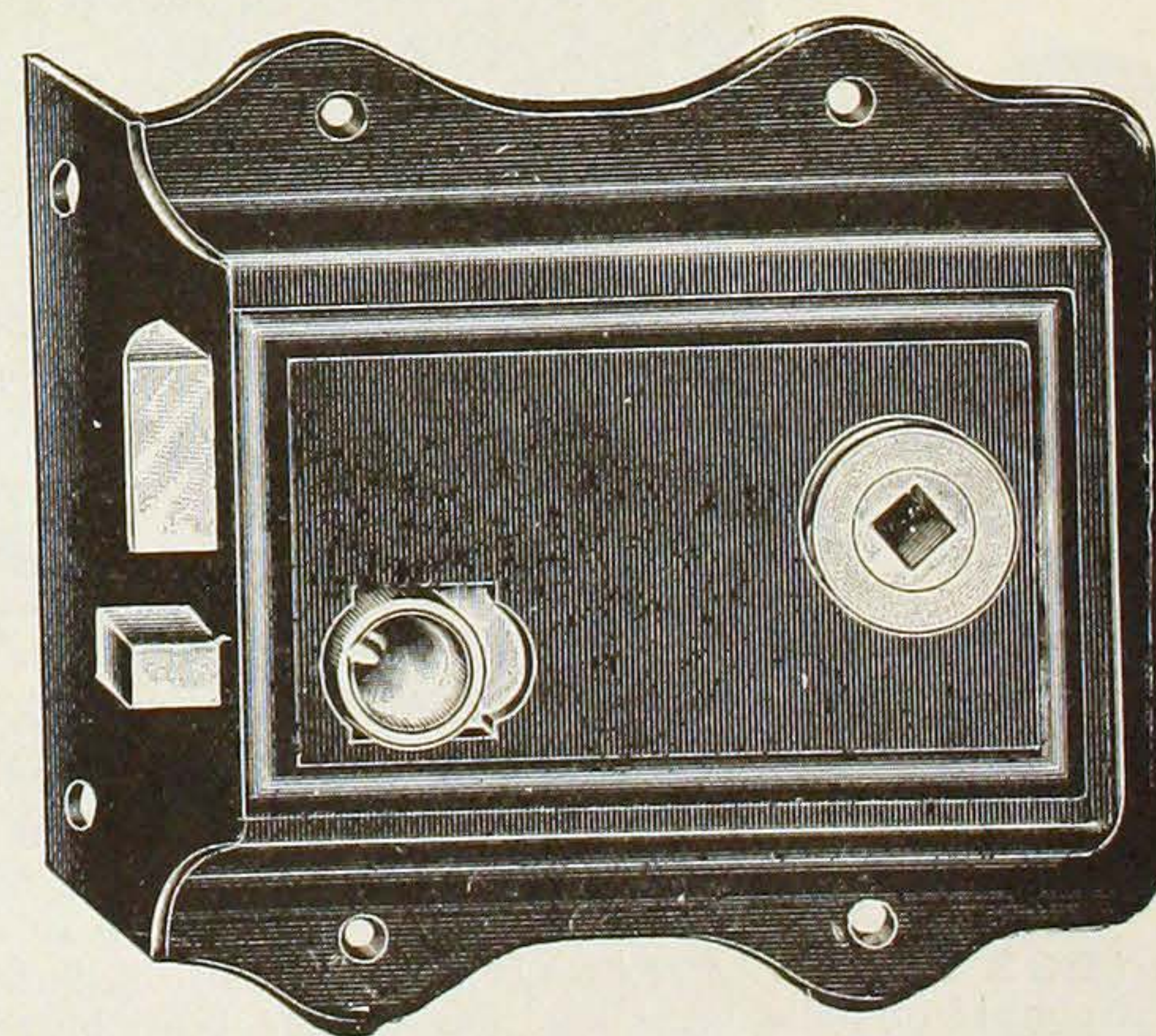
No. PHS 1230 Rim Latch to match, 15/- per dozen, 1/6 each.



No. PHS 1219 5" Registered pattern, Steel Case, art black finish, brass bolts and bushes, double spring. Extra strong, 16/9 per dozen, 1/6 each.



No. PHS 1229 4" art black, Steel Case, Rim Latch, brass bolts, sunk slide, 11/6 per dozen, 1/- each.

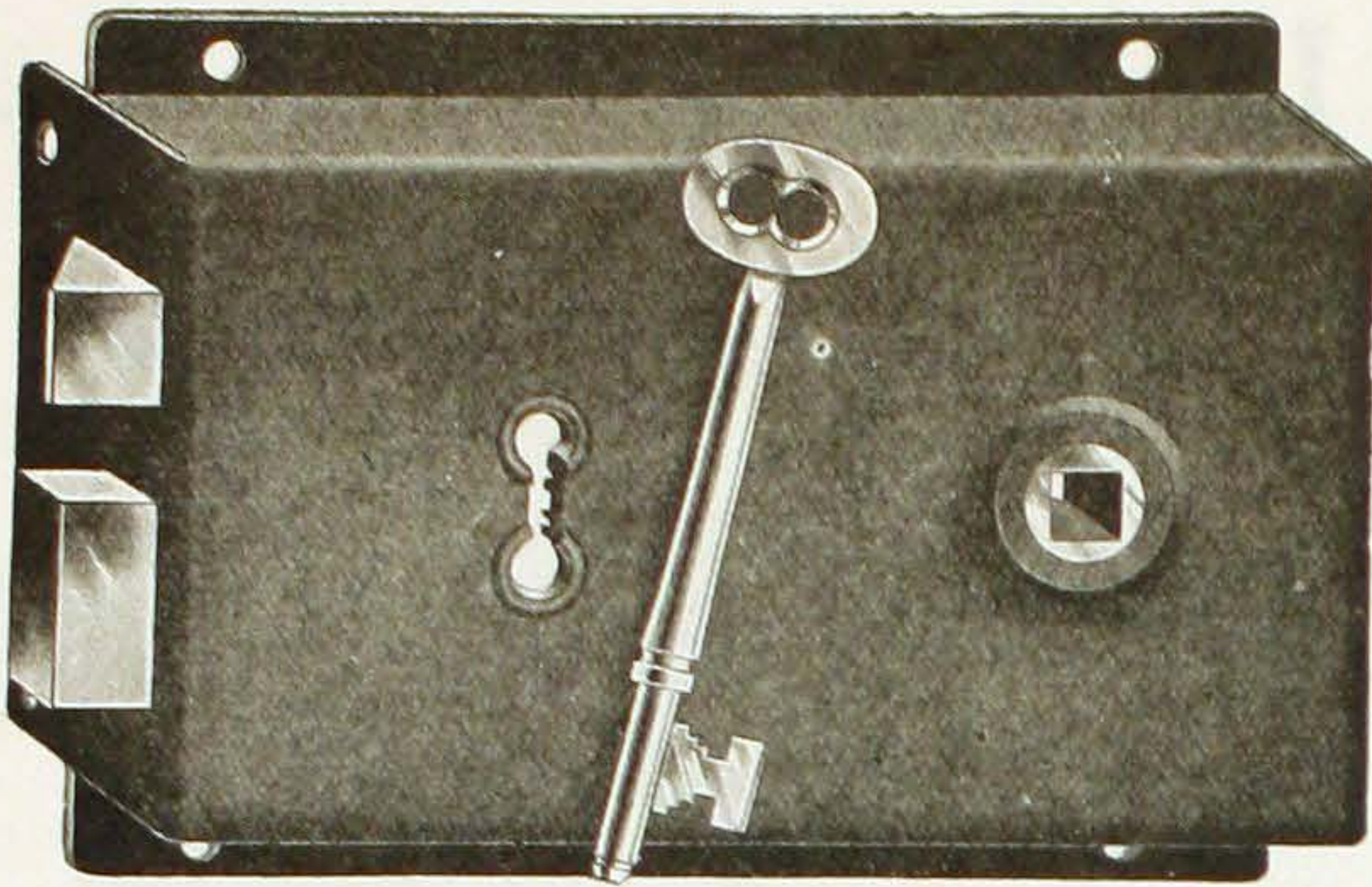


No. PHS 1209 5" Steel Case Rim, brass bolts, 12/- per dozen, 1/3 each.

No. PHS 1305 Rim Lock to match, Improved Japanned Steel Case, brass bolts, full bushed, steel fittings, 28/- per dozen, 2/6 each.

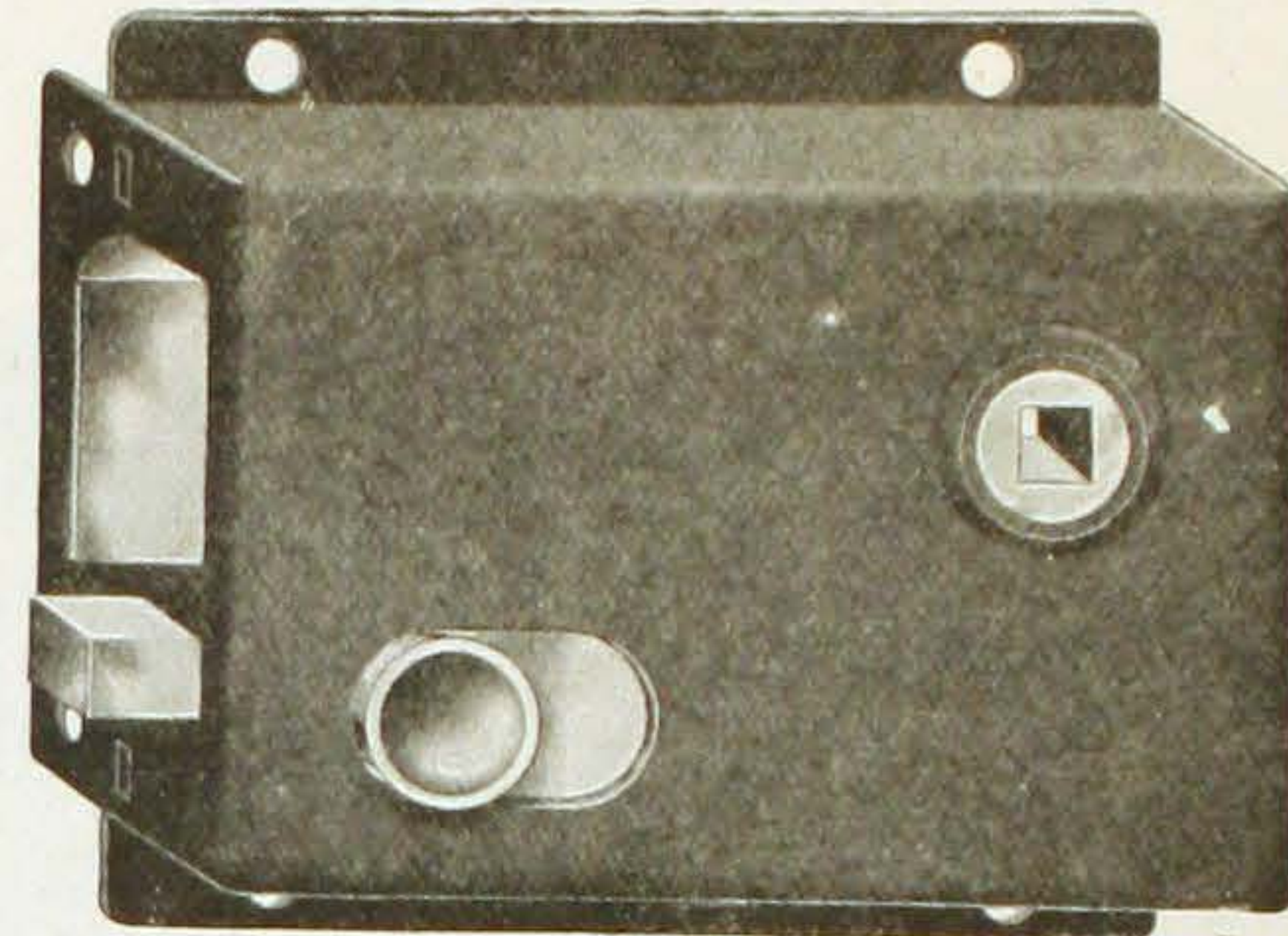
Rim Locks and Latches

STEEL CASES.



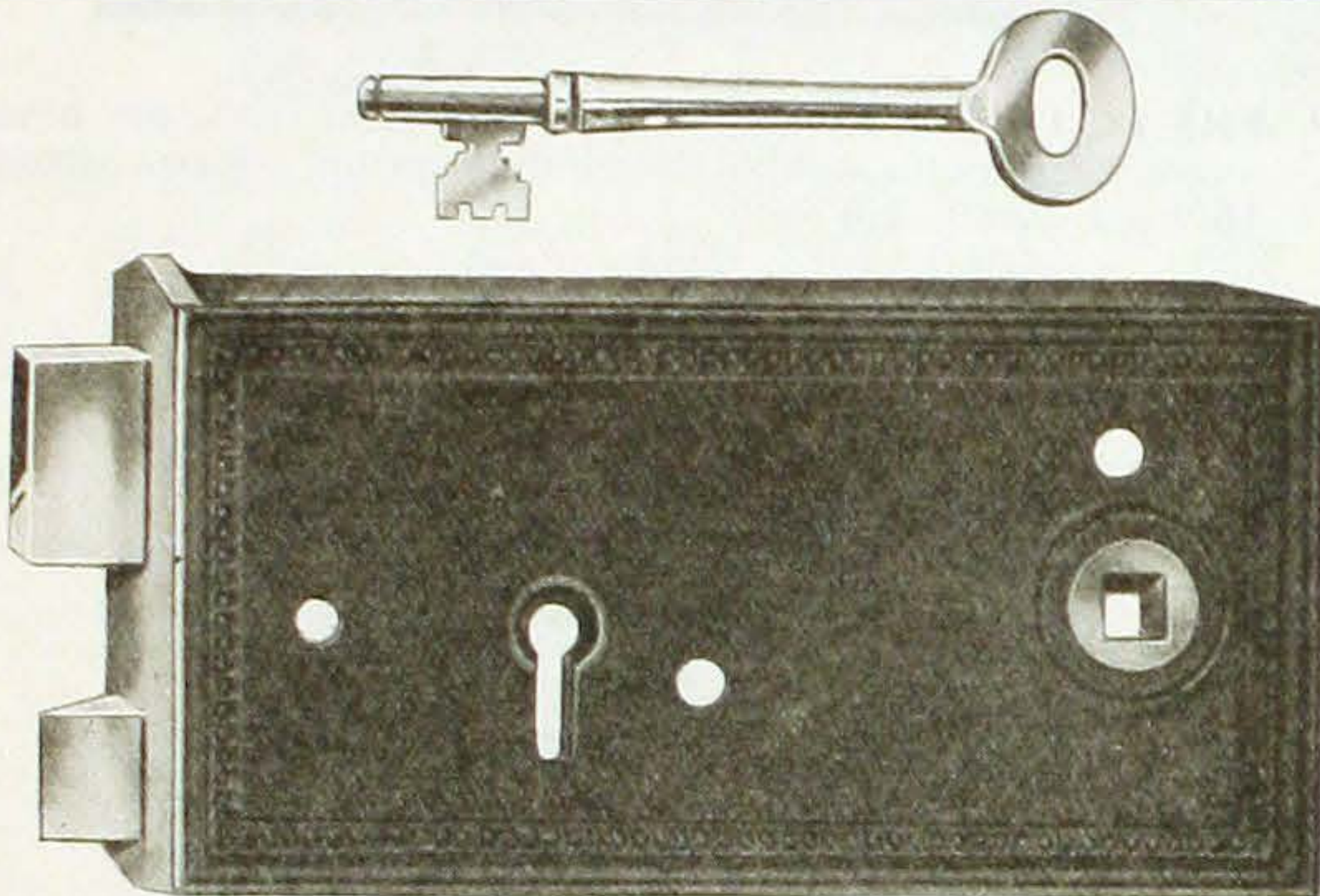
No. PHS 1315 5½" x 4" superior black egg shell finish, Steel Case, brass bolt, patent all steel action, double handed, 26/3 per dozen ; 2/6 each.

No. PHS 1318 Ditto, ditto, single handed, 26/3 per dozen ; 2/6 each.



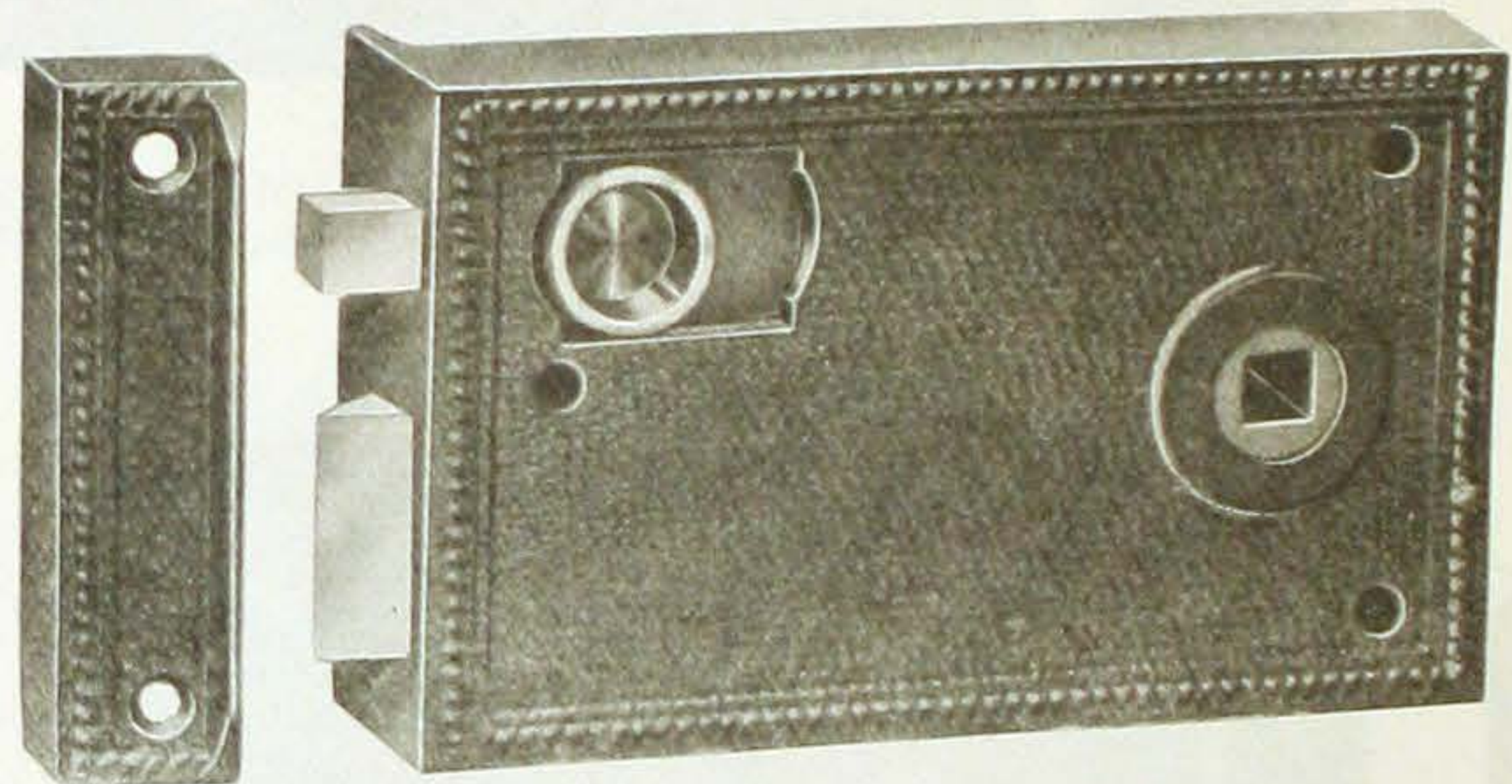
No. PHS 1216 4" superior black egg shell finish, Steel Case, brass bolt, patent all steel action, 15/6 per dozen ; 1/6 each.

CAST CASES.



No. PHS 3500 5½" Rim Lock, Ornamental Cast Case, one strong brass lever, brass bolts, coil spring, 47/3 per dozen ; 4/3 each.

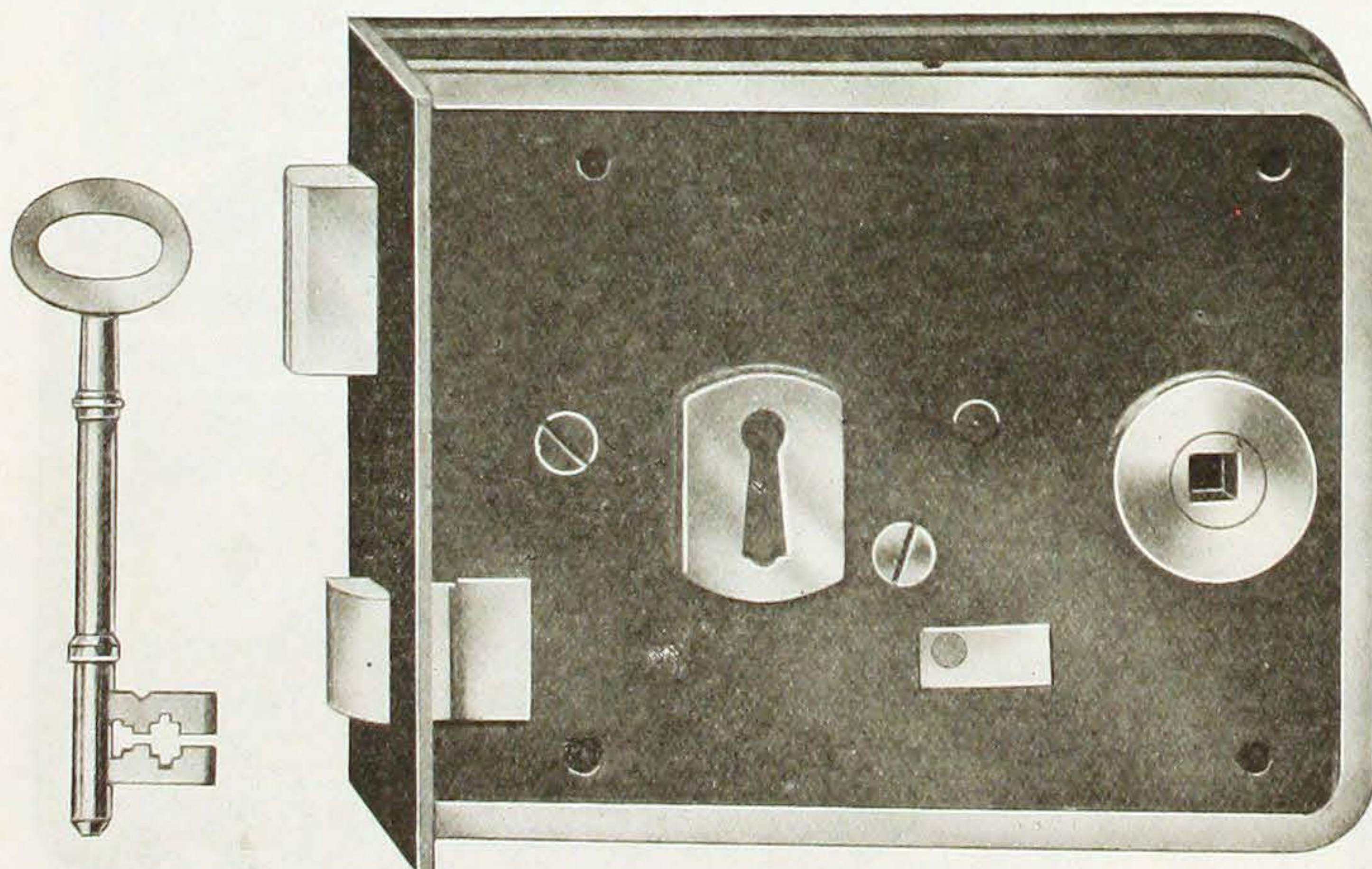
Ditto, ditto, two-lever, 57/- per dozen ; 5/- each.



No. PHS 3800 5" Rim Latch, Ornamental Cast Case, strong pattern, strong brass bolts, sunk slide, 26/3 per dozen ; 2/6 each.

Extra strong, specially prepared for heavy doors.

JAPANNED IRON CASES.



No. PHS 1233 6" x 4½" x 1" Rim Lock, palace motion, fluted rim, stong japanned iron case, two wrought iron bolts, brass solid ward bridge, brass bushed key and follower hole. Scotch spring, 170/3 dozen ; 14/3 each.

Extra Keys, 36/9 dozen ; 3/3 each.

Lock supplied Galvanised, 21/- dozen extra ; 2/- each extra.

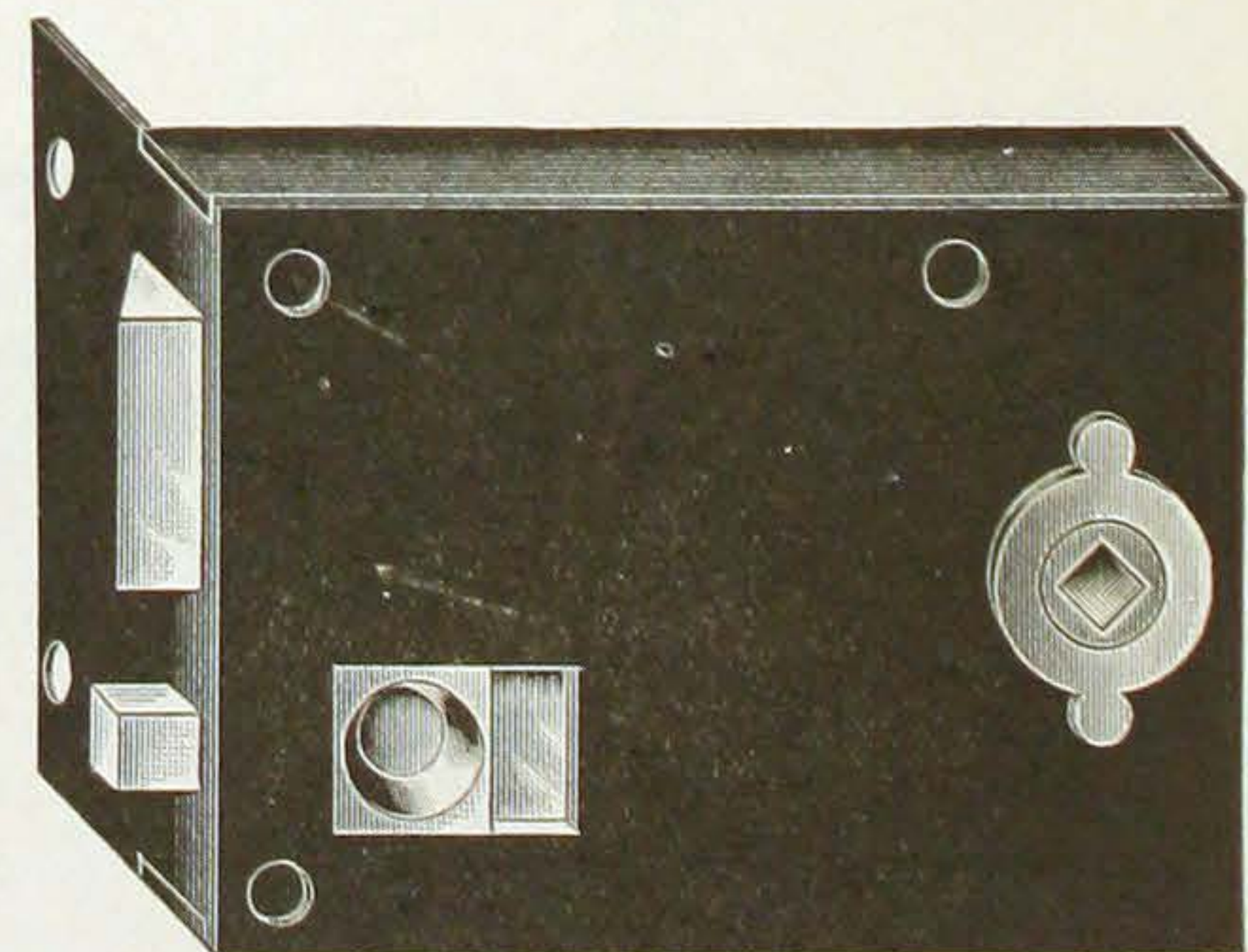
Lock supplied with Brass Bolts instead of Iron, 25/6 dozen extra ; 2/3 each extra.

No. PHO 1232 Ditto, two-lever, plain rim, 196/- dozen ; 16/6 each.

Extra Keys, 32/6 dozen ; 2/10 each.

Lock supplied Galvanised, 21/- dozen extra ; 2/- each extra.

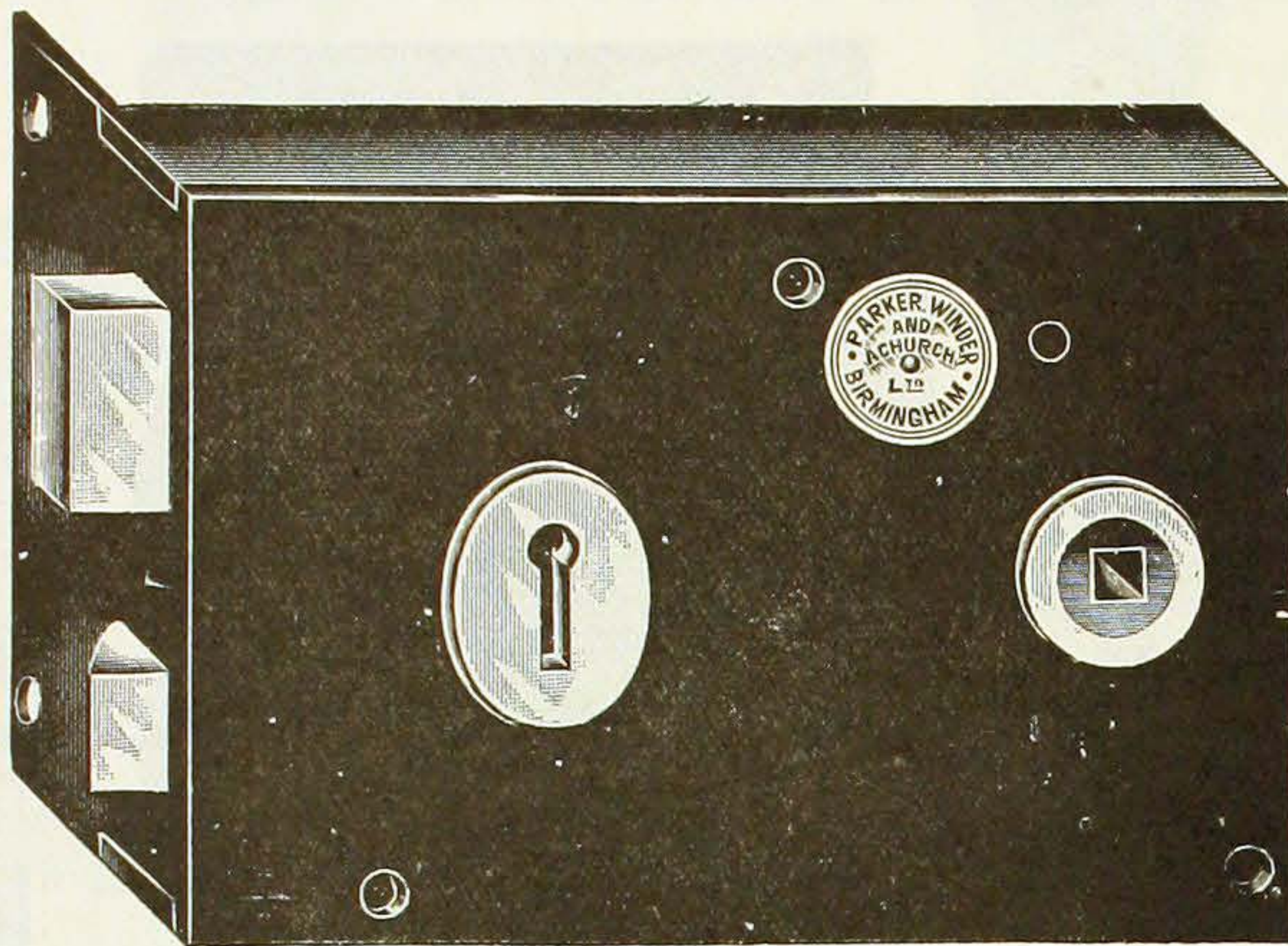
Lock supplied with Brass Bolts instead of Iron, 25/6 dozen extra ; 2/3 each extra.



No. PHS 1224 5" extra strong, brass bolt, palace motion, double spring, best finish, 45/6 dozen ; 4/- each.

Rim Locks and Cubicle Locks

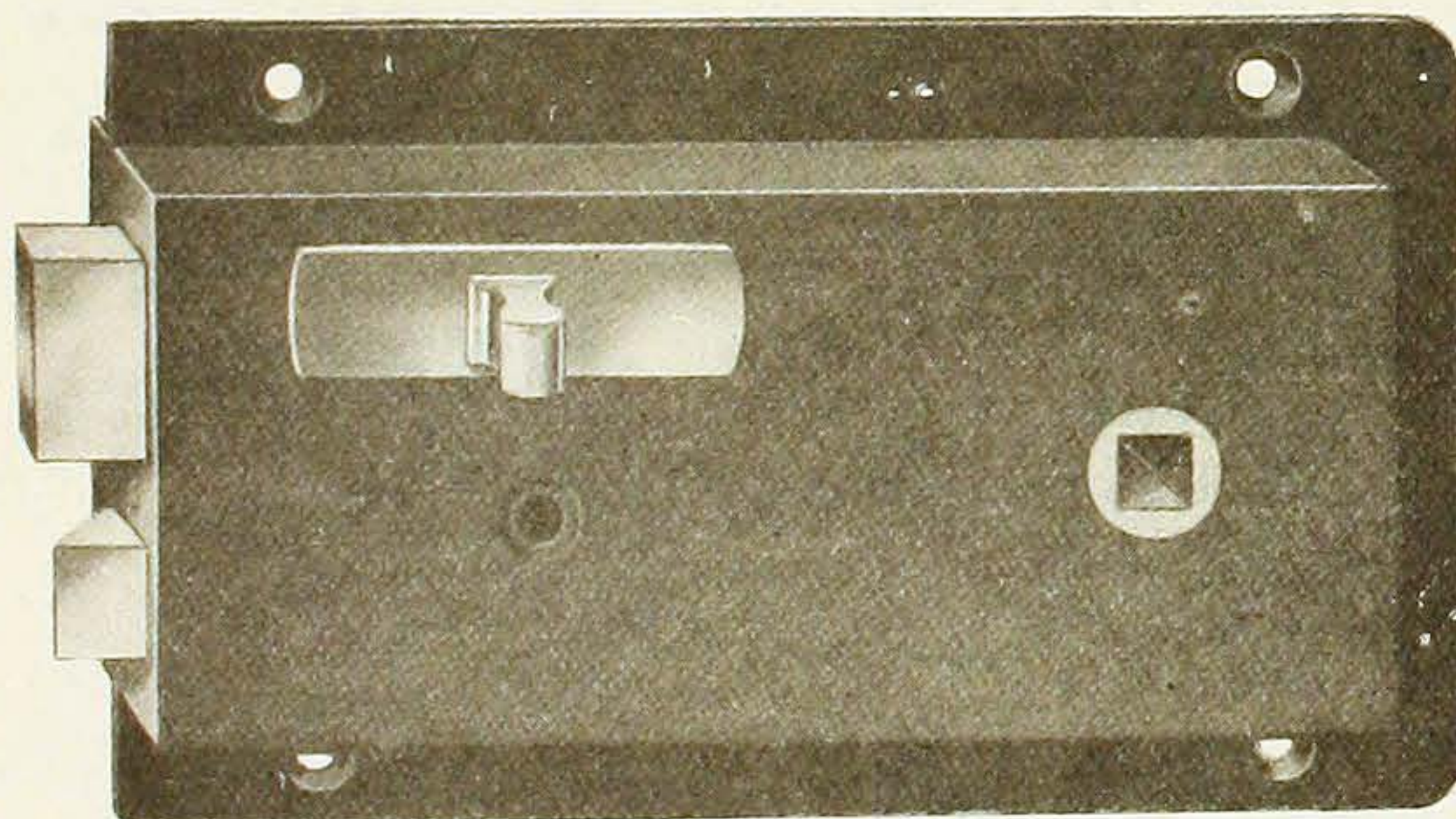
Scale Approx. Half-full size.



SPECIAL LINE FOR GENERAL USE.

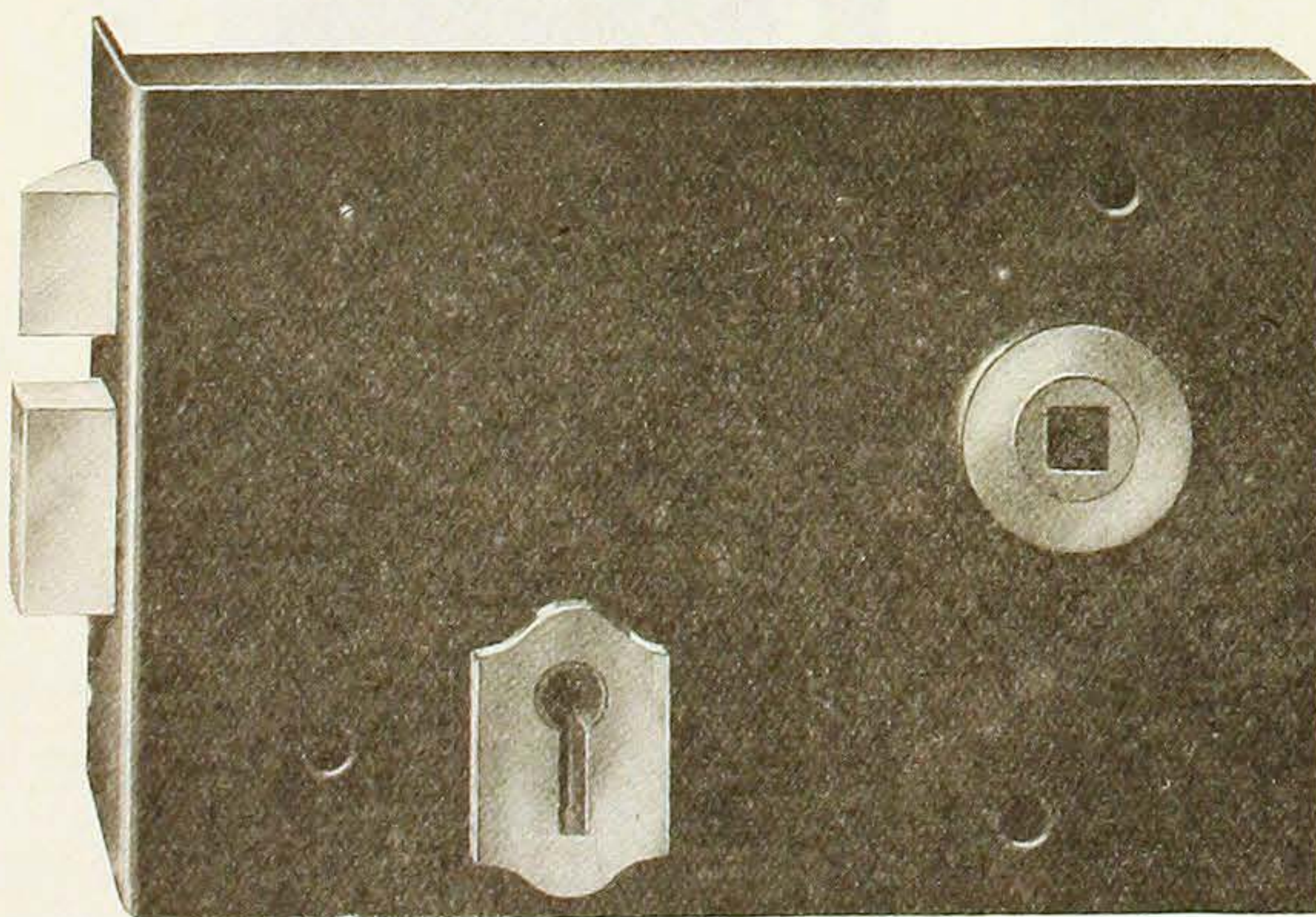
No. PHS 1312 Strong japanned case, solid rim, especially strengthened brass bolts, palace motion, double springs, neat and strong, suit inner or outer doors.

6"	7"	8"
62/3	75/3	108/6 dozen.
5/6	6/6	9/3 each.



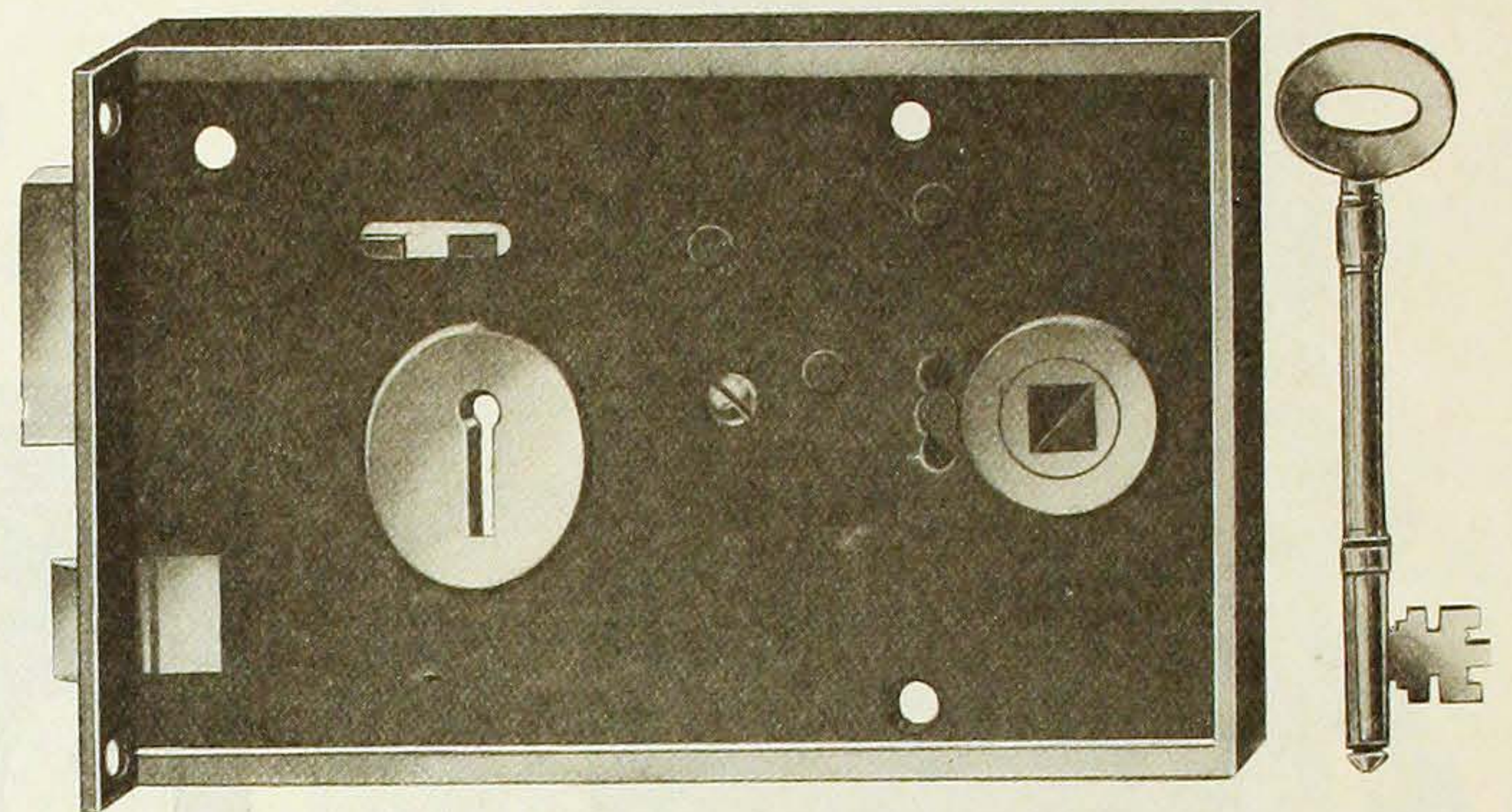
Operates with key from outside and sliding bolt from inside.

No. PHO 3004 6" Cubicle Lock, Cast Case with plain flange, japanned steel back, brass bolts, 70/- per dozen ; 6/- each.



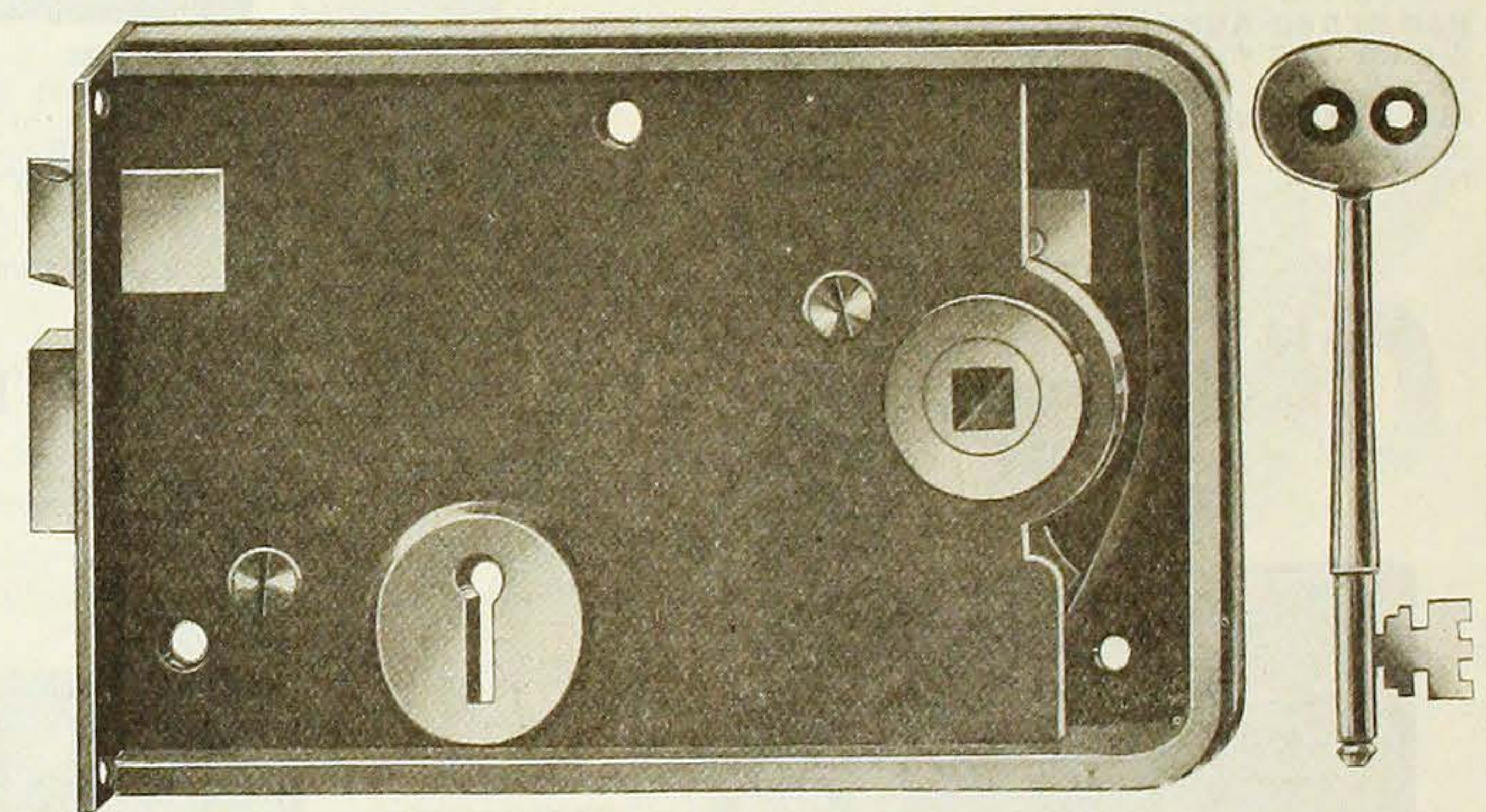
No. PHO 1234 6" Rim Lock, brass bolts, Two-Levers, double brass bushed, solid rims, strong Scotch spring, 63/- per dozen ; 5/6 each. Four Lever, 77/- per dozen ; 6/6 each.

No. PHO 1297 Rim Lock, japanned case, with brass bolts and solid rim, one steel lever, 61/3 per dozen ; 5/3 each. Ditto, ditto, two brass levers, 84/- per dozen ; 7/3 each.



No. PHS 1312L Strong Two-Lever, rivets through plates and covers to prevent snapping off, japanned case, solid rim, brass bolts, fully bushed, a good durable lock, 6" x 4", 54/3 per dozen ; 4/9 each.

No. PHO 1312L Ditto, Four-Lever, 66/6 per dozen ; 5/9 each.



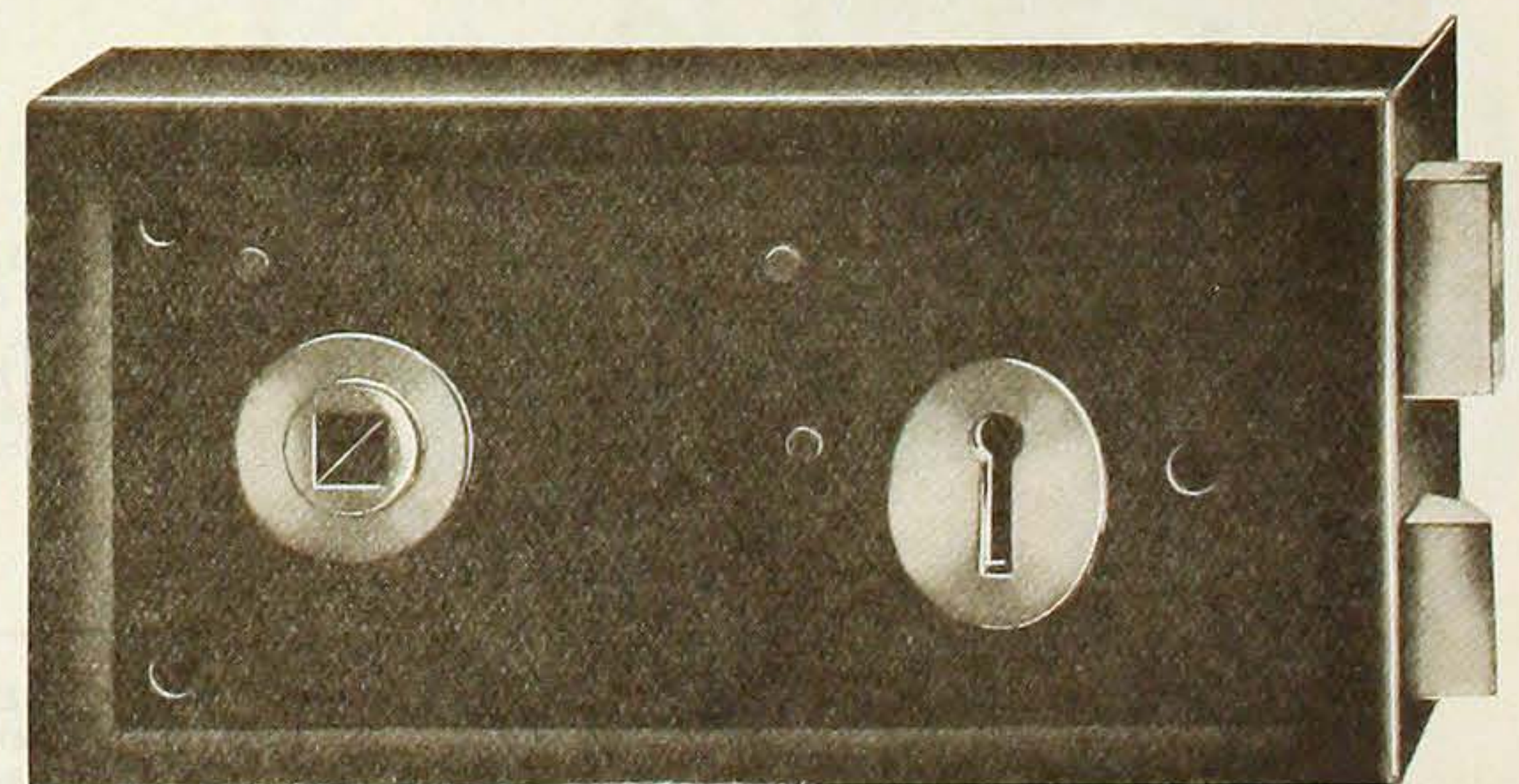
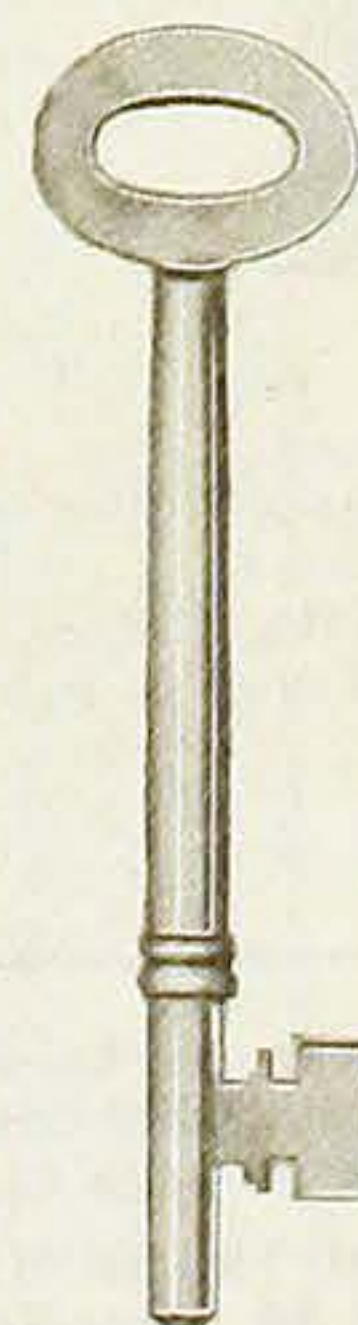
No. PHS 1307 Scale half size. Rim Lock, japanned case, medium strength, Scotch spring, fine ward, brass bolt.

6"	7"	8"
37/9	57/9	89/3 per dozen.
3/3	5/-	7/9 each.

This Lock can be supplied to differ in lots up to 24 at no extra.

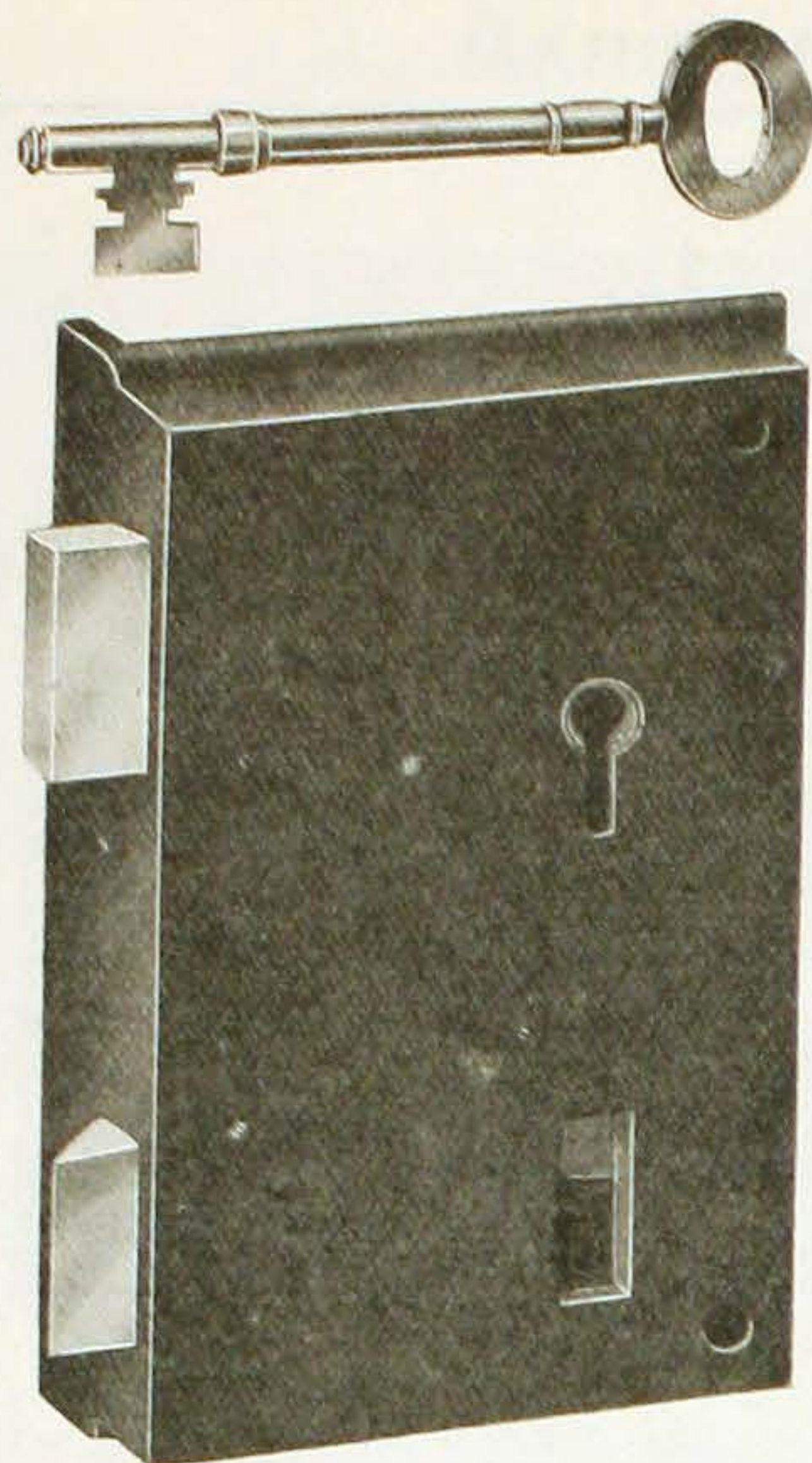
No. PHO 1306 As above, iron bolt.

6"	7"	8"
34/3	54/3	85/9 per dozen.
3/-	4/9	7/3 each.



No. PHS 1235 Scale half full-size. Rim Lock, plain case, 6" japanned Steel Case, one-lever, brass bolts, 23/9 per dozen ; 2/- each.

Ditto, ditto, brass bushed, 27/3 per dozen ; 2/6 each.



No. PHS*3028 Strong upright cast case, brass bolts, reversible latch bolt, finished B.B., size of case, $3\frac{1}{4} \times 5\frac{1}{4}$.

As an Upright Rim Lock,

B.B. Finish. Warded 63/- dozen, 5/6 each.

2-lever 73/6 " 6/3 "

HAMMERED DULL BLACK, Ditto. Same prices as B.B. finish, for Rim or Weighted.

HAMMERED ARMOUR BRIGHT Ditto.

Warded 73/6 dozen, 6/3 each.

2-lever 84/- " 7/3 "

ALL BRASS Ditto.

Warded .. 14/- each.

2-lever .. 15/- "

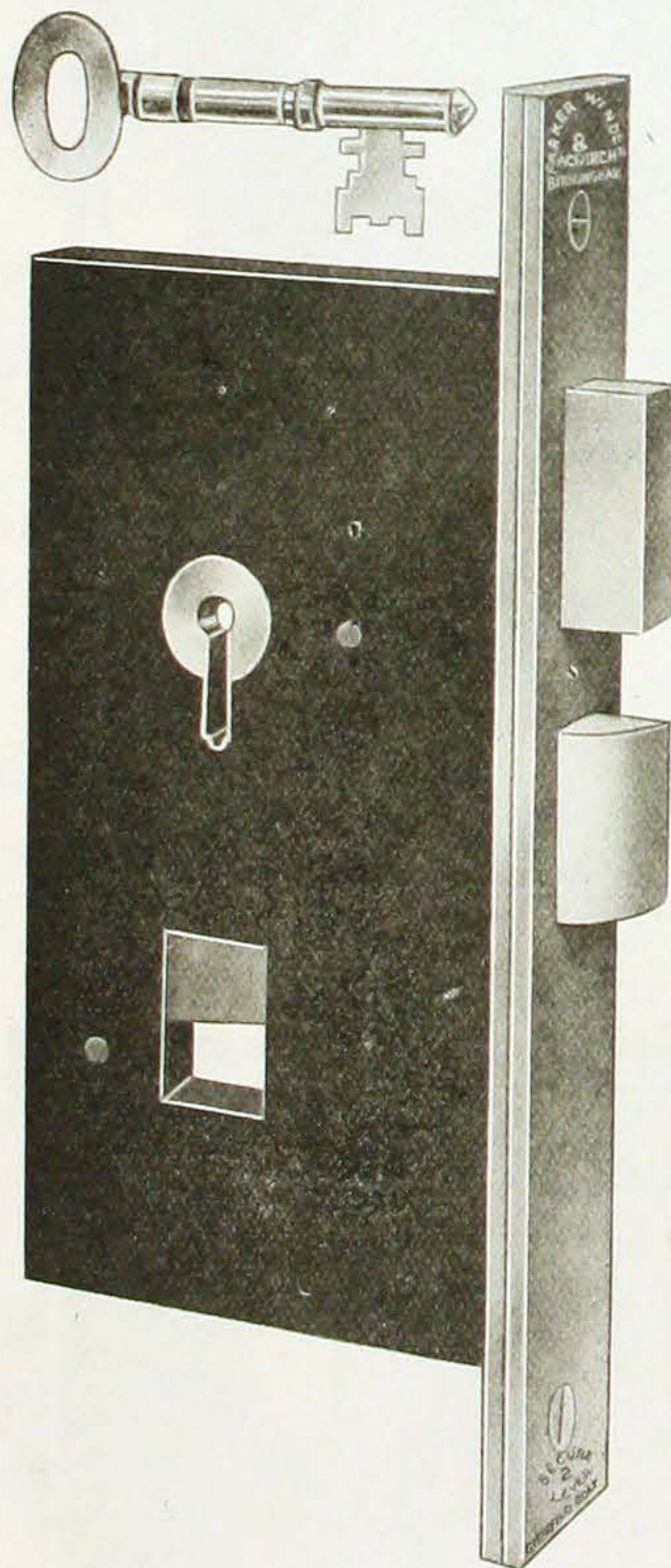
As a Weighted Lock, with Iron

Weights. B.B. Finish.

Warded 65/9 dozen, 5/9 each.

2-lever 76/3 " 6/6 "

Extra for Suiting, 1/9 per lock extra.
*Stocked only in B.B. finish.



No. PHS*1362 Weighted Mortice Lock, strong steel case, satin black finish, weighted lift-up bolt, 3 in. deep, malleable iron weight, reversible latch bolt.

1-lever warded, 18/10 each. 2-lever warded, 20/2 each.

ALL BRASS ditto :-

1-lever warded, 24/2 each. 2-lever warded, 25/6 each.

No. PHS*1363 As above but all brass fittings, steel

case and brass weight.

1-lever sash ward, 18/10 each. 2-lever sash ward, 20/2 each

ALL BRASS Ditto :-

1-lever warded, 24/2 each. 2-lever warded, 25/6 each.

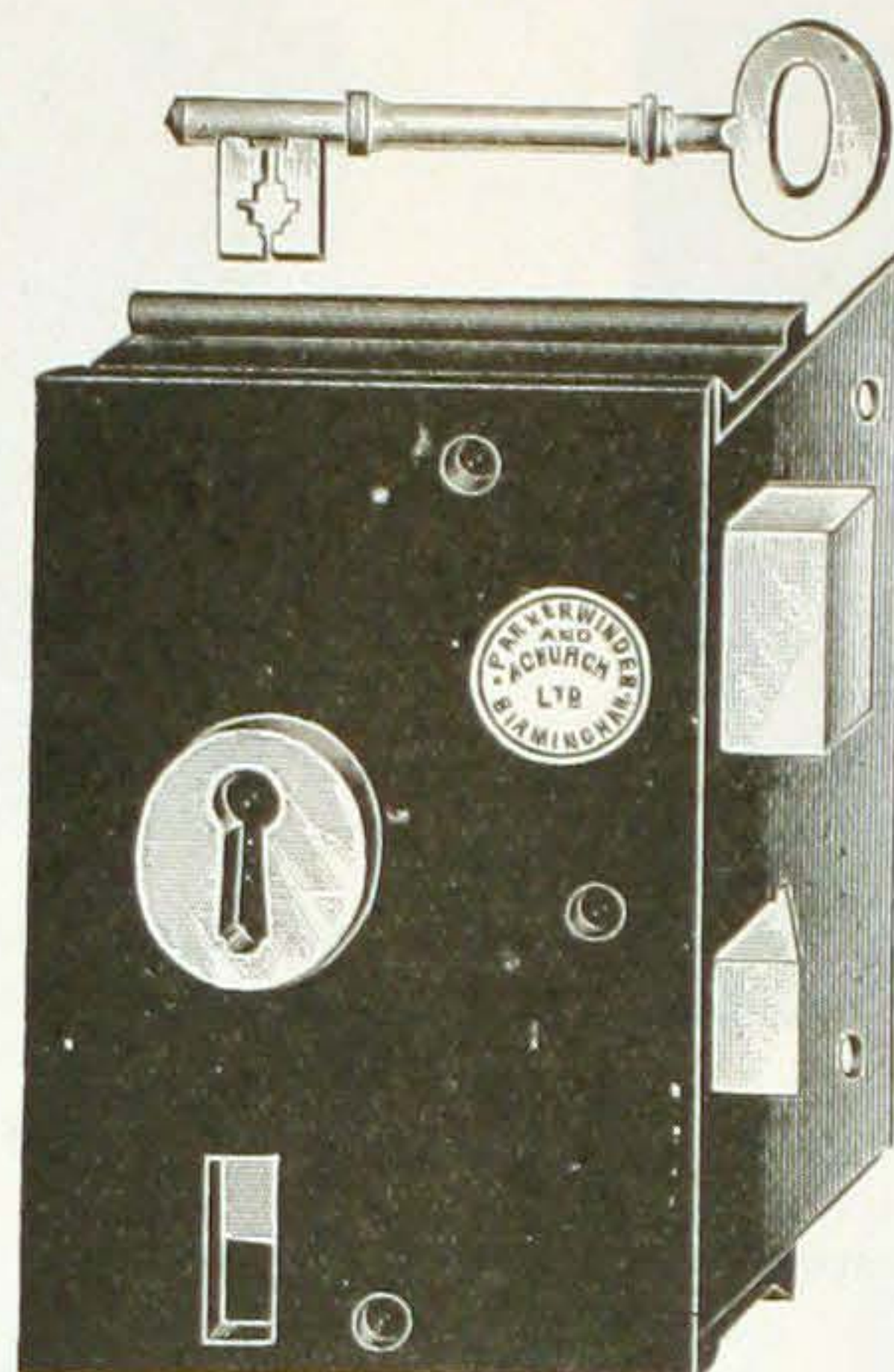
*Stocked only in B.B. Finish, not Brass.

Weighted Locks for use with Thumb Handles

Used largely on Schools, Shop Doors, etc., where there is heavy wear.

Several are also priced as UPRIGHT RIM LOCKS.

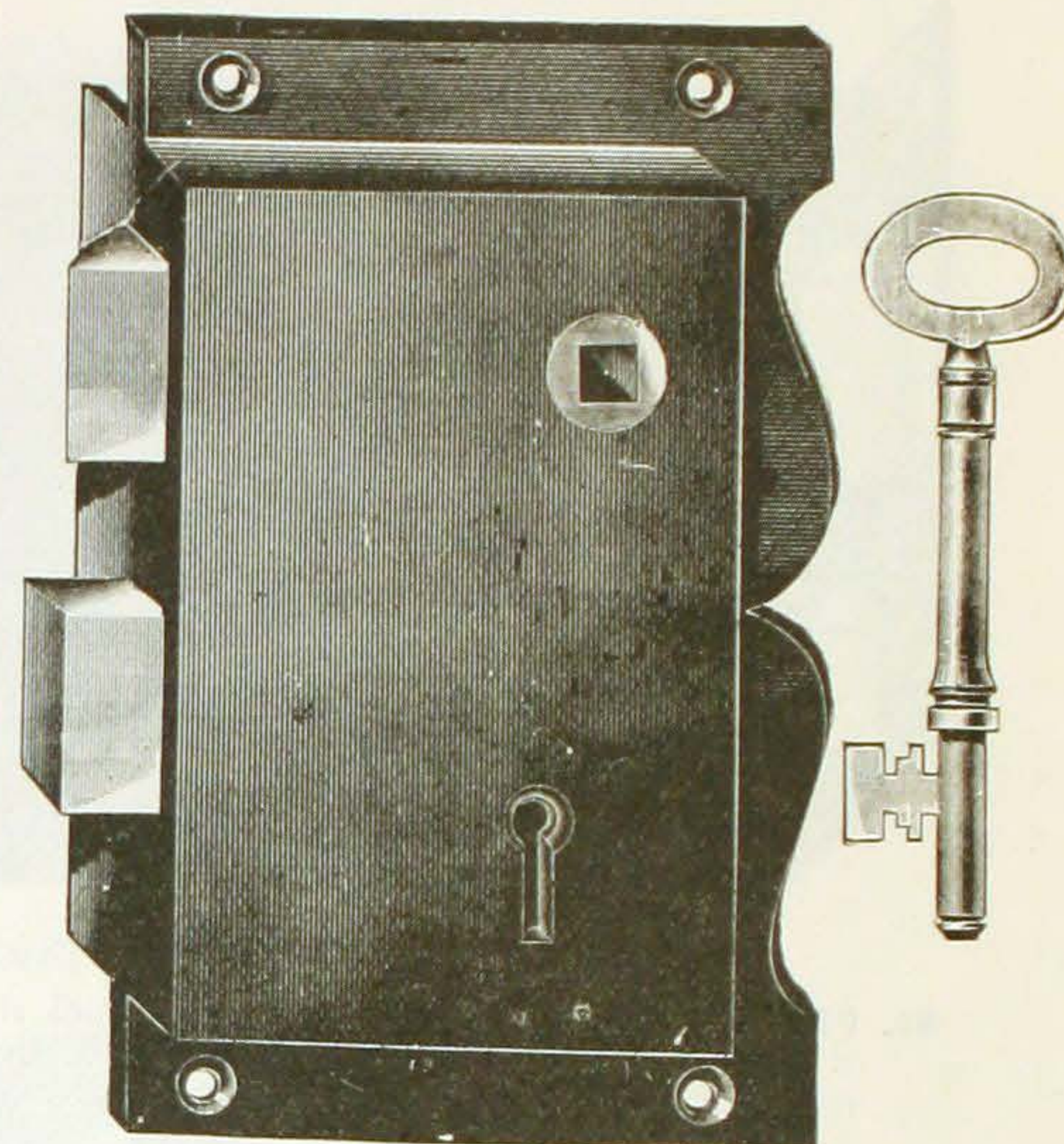
RIM.



No. PHS 1331 Extra strong japanned weighted lift-up bolt Rim Lock, $5\frac{1}{2} \times 3\frac{3}{4}$ wide, solid ward, brass bolt and weight, 91/- dozen, 7/9 each.

No. PHS 1330 6×3 wide, lighter ditto, brass sash ward, brass bolt, iron weight, 8/9 each.

Ditto, 2-lever, 10/6 each.



No. PHS*1160 Strong upright cast case, brass bolts, reversible latch bolt, finished B.B., size of case excluding flange, 3×5 .

As an Upright Rim Lock.

B.B. Finish.

Warded 7/6 3" 3 1/2" 4" 8/- 8/9 9/8 each.

2-lever 8/4 8/9 9/8 "

HAMMERED DULL BLACK Ditto.

Same prices as for B.B. finish.

HAMMERED ARMOUR BRIGHT Ditto.

Warded 8/4 3" 3 1/2" 4" 8/9 9/8 each.

2-lever 9/3 9/8 10/6 "

ALL BRASS Ditto.

Warded 8/4 3" 3 1/2" 4" 8/9 9/8 each.

2-lever 9/3 9/8 10/6 "

BRONZE METAL UPRIGHT RIM LOCKS only.

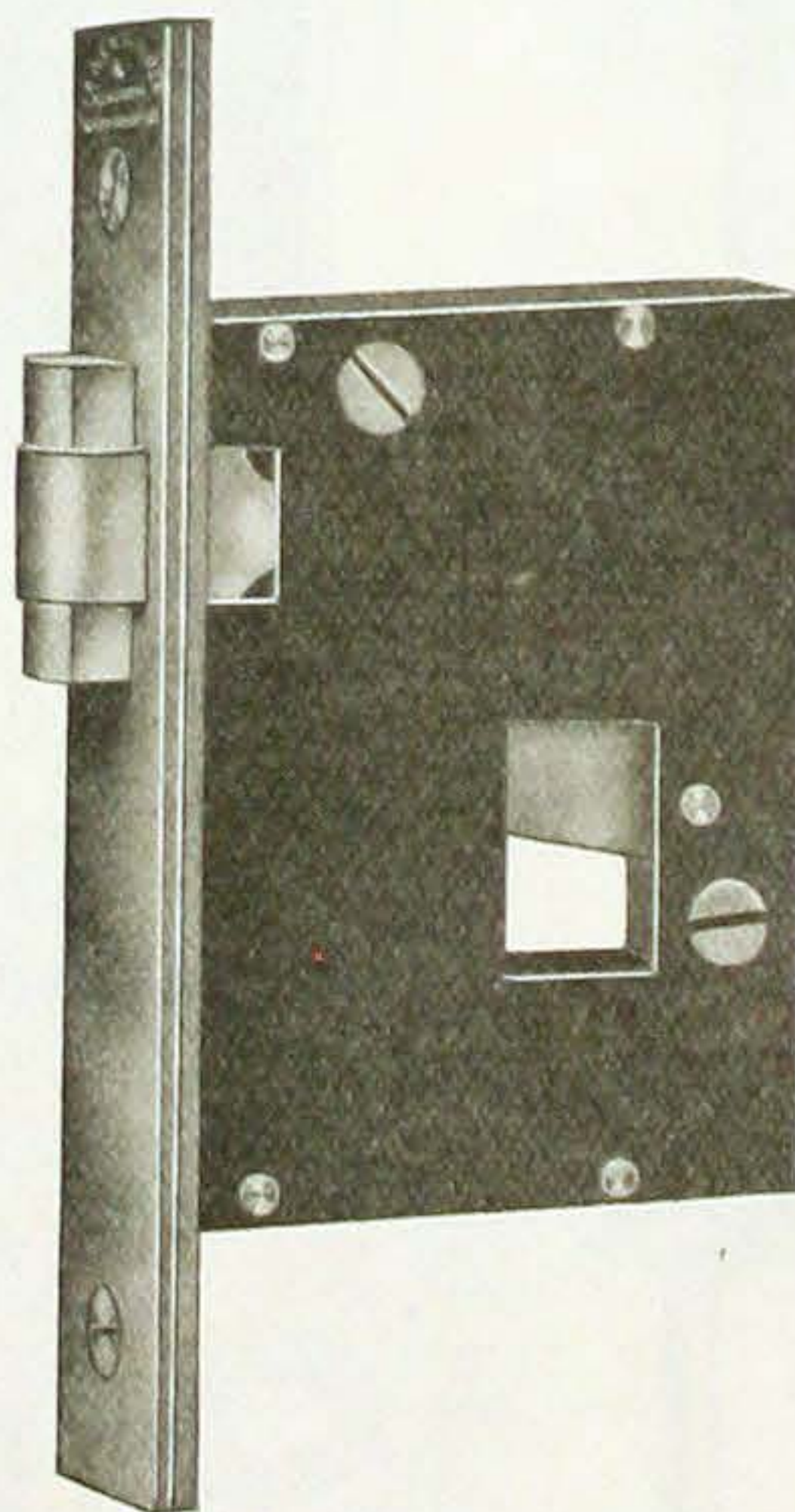
Size $3\frac{1}{4} \times 6$ or $3\frac{1}{2} \times 6$, 2-lever, 15/-; 4-lever, 15/9 each.

BRONZE METAL ANTIQUE Ditto.

Size $3\frac{1}{4} \times 6$ or $3\frac{1}{2} \times 6$, 2-lever, 15/9; 4-lever, 16/8 each.

*Stocked only in 3" size B.B. finish.

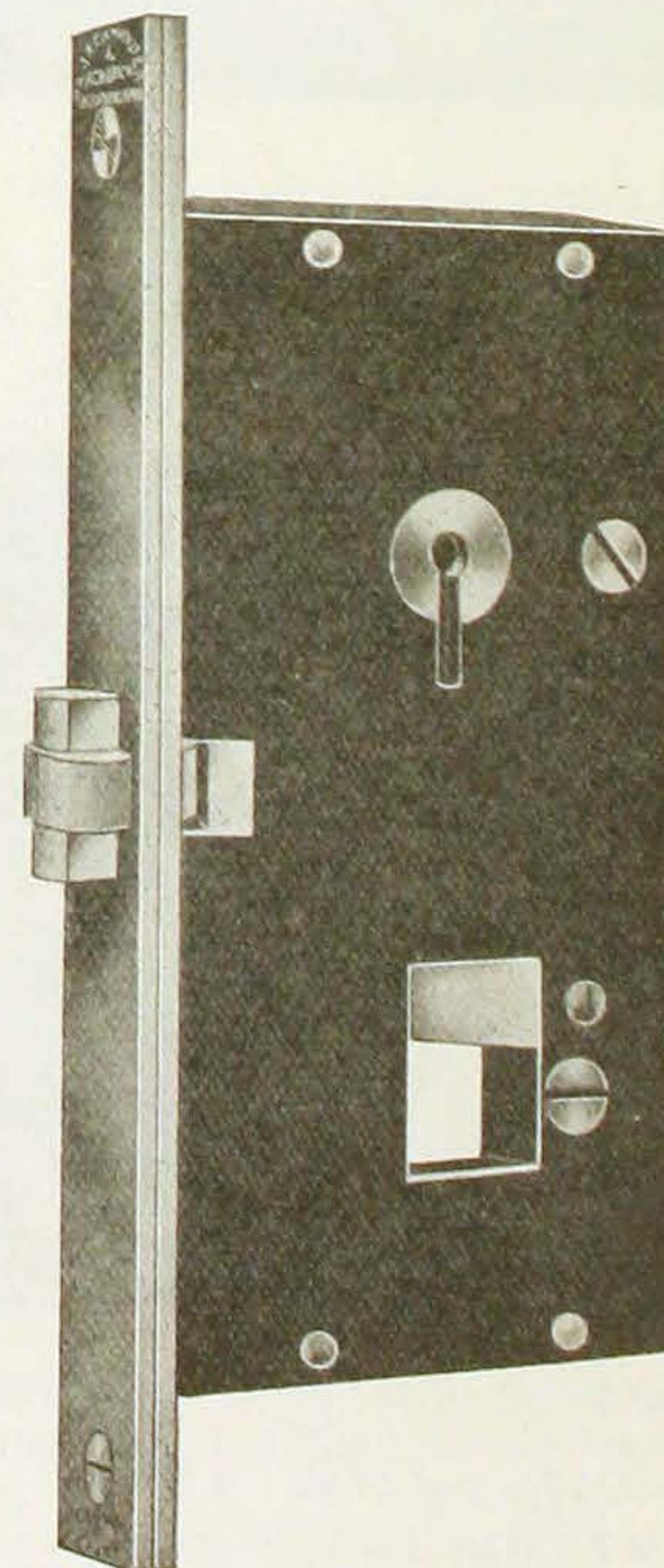
MORTICE.



No. PHS*1359 Weighted Mortice Latch, strong steel case, finished satin black, weighted lift-up bolt with gun-metal roller, heavy brass weight. Size 3" deep, 16/8 each.

ALL BRASS Ditto. 22/- each.

*Stocked only in B.B. Finish, not Brass.



No. PHS*1360 Weighted Mortice Latch to lock, strong steel case, finished satin black, weighted lift-up bolt with gun-metal roller, heavy brass weight, brass bushed keyhole, 27/3 each.

ALL BRASS Ditto. 32/6 each.

THESE Locks can be made En Suite if required at same additional cost as for Mortice Locks. See extras on page 19.

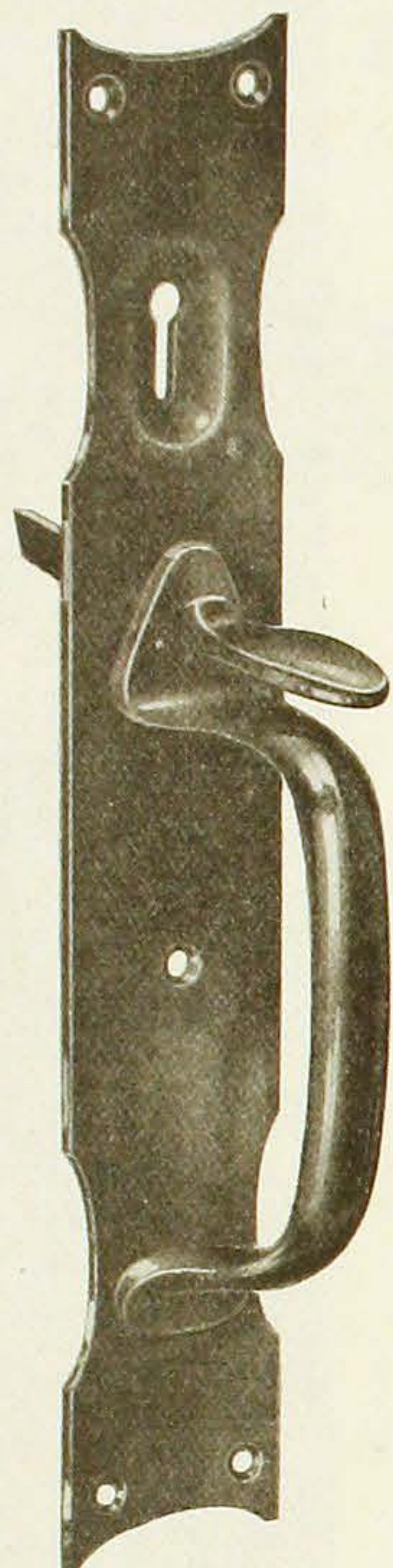
A selection of Thumb Handles will be found on pages 33 and 34 immediately following.

" B " Basis.

All PHS—Stock Lines.

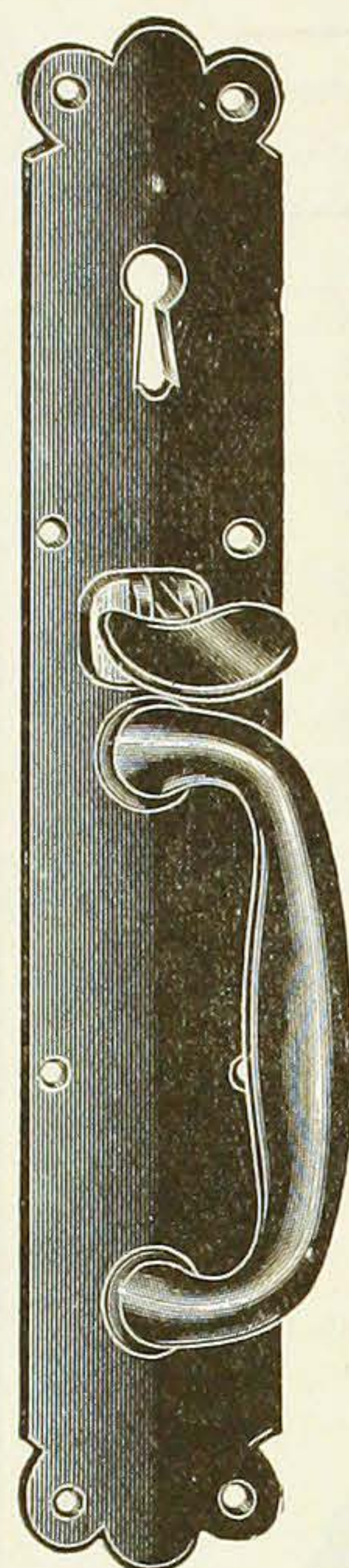
Scale, Half size, unless otherwise stated.

Lock Handles



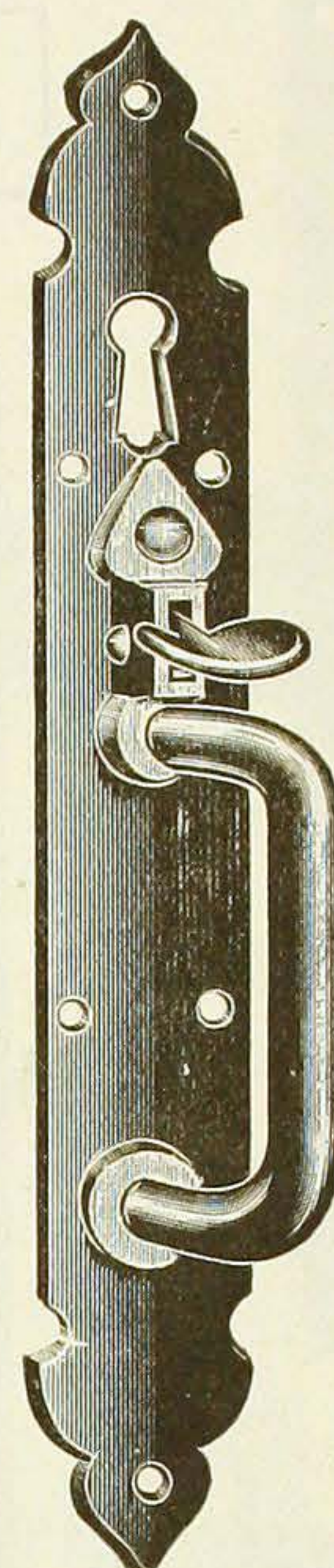
No. PHS 1786

Size of plate, $12\frac{1}{2}'' \times 2\frac{1}{4}''$.
Illustrated one-third full size.
Malleable Iron, Berlin blacked.
Mortice, 5/6 pair. Rim, 2/9 each.



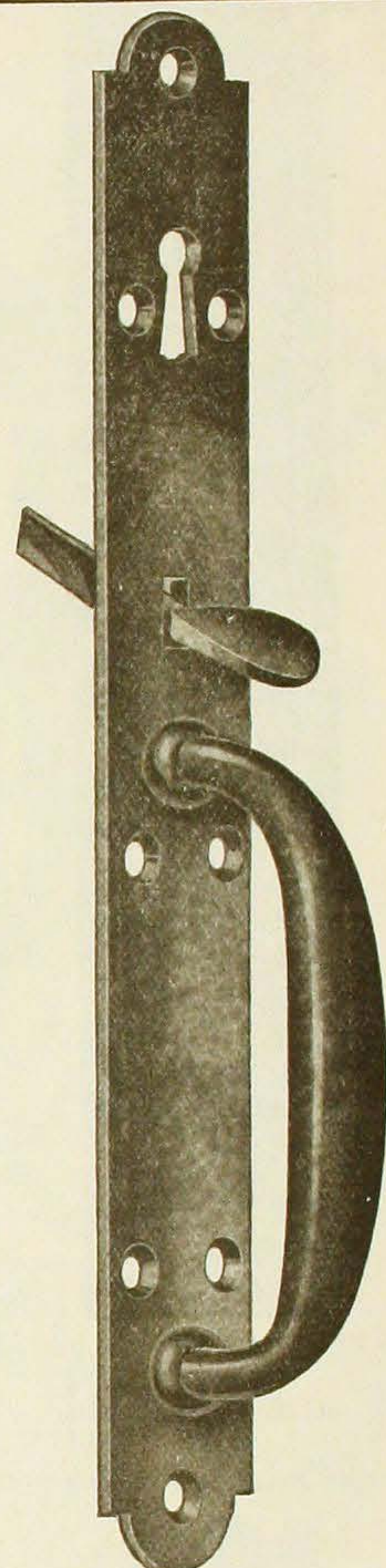
No. PHS 1700

Size of plate, $12'' \times 2''$.
Strong Wrought Iron, Berlin blacked.
Mortice, 3/6 pair. Rim, 1/9 each.



No. PHS 1787

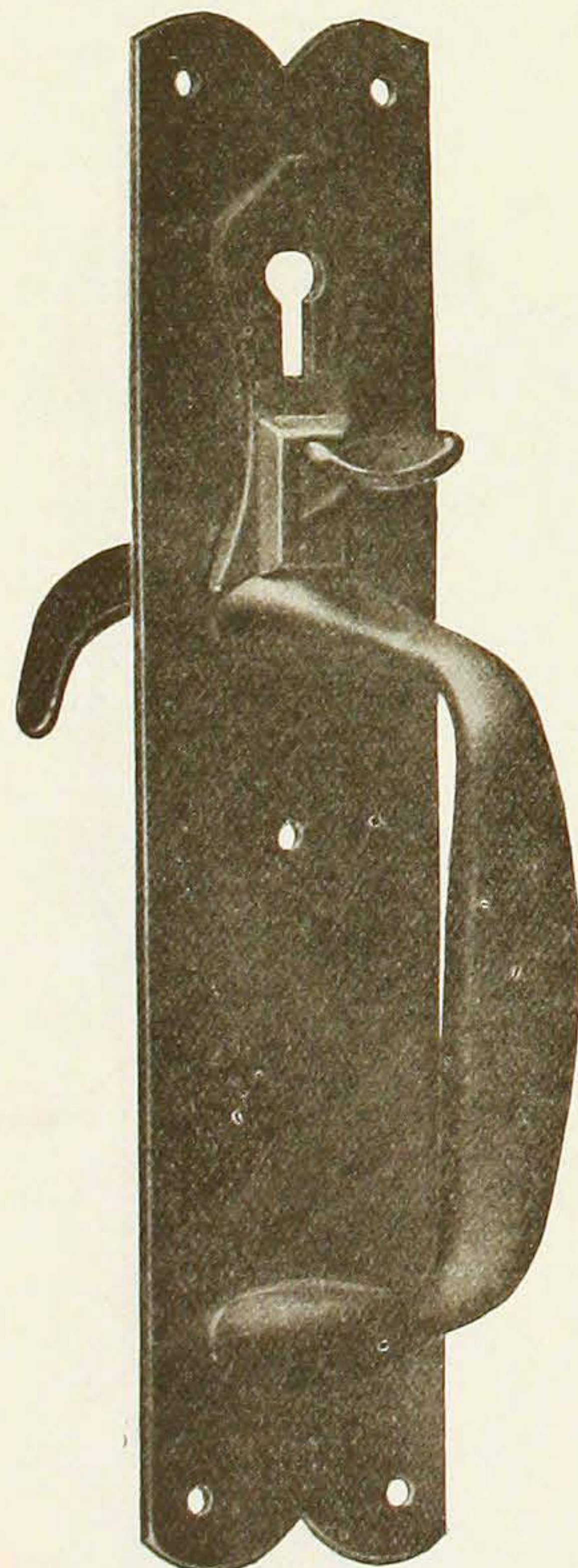
Size of plate, $13\frac{1}{2}'' \times 2''$.
Wrought Iron.
Mortice, 3/6 pair. Rim, 1/9 each.



No. PHS 1714

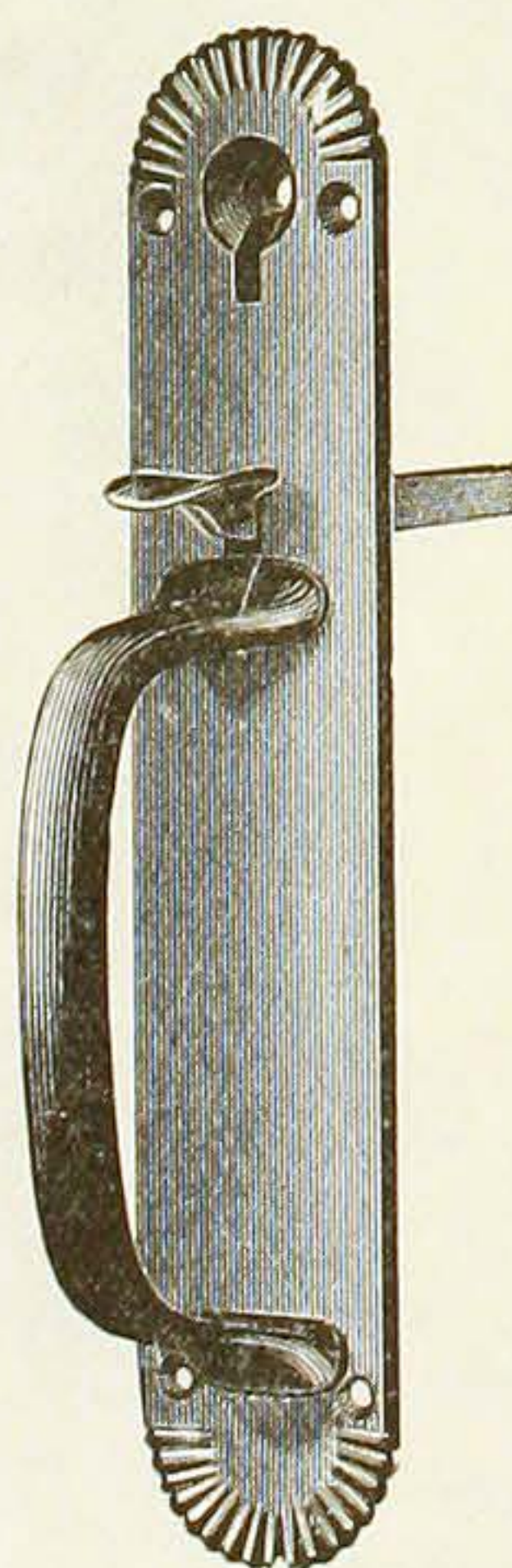
Size of plate, $11'' \times 1\frac{1}{2}''$.
Malleable Iron, Berlin blacked.
Mortice, 4/6 pair. Rim, 2/3 each.

N.B.—Rim Locks require one Handle on one side only.
Mortice Locks require a pair of Handles, one on each side of the door.
PLEASE ALSO SEE SPECIMENS IN ANTIQUE IRONWORK—Pages 259 and 261.
Best Quality in Brass and B.M.A. next page.



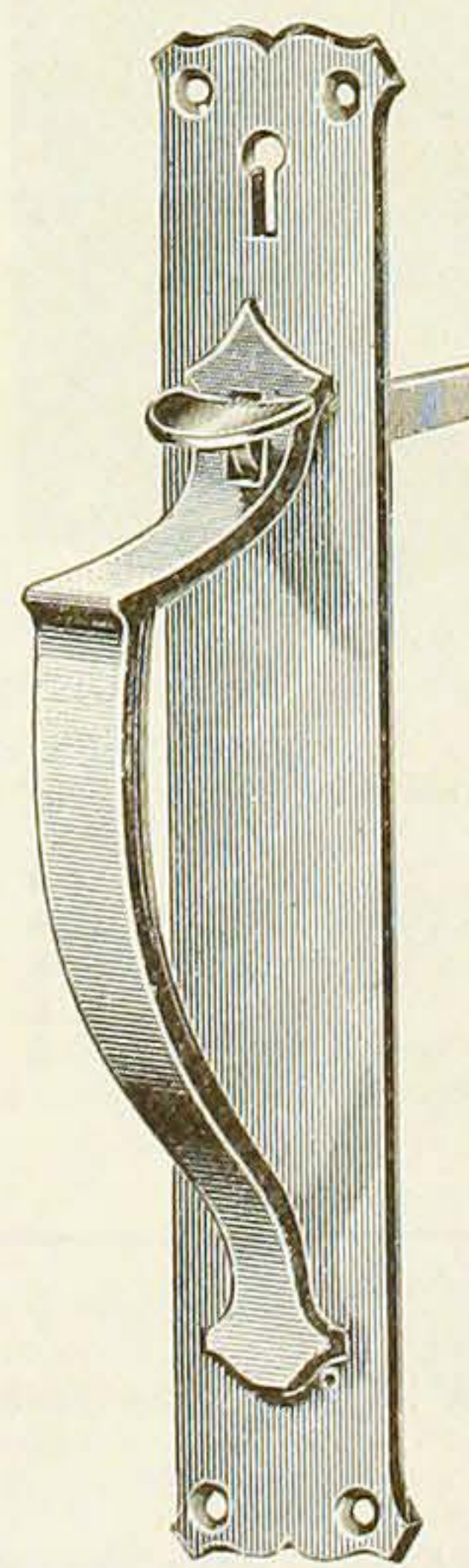
No. PHS 4705

Size of plate, $9'' \times 2''$.
Malleable Iron, B.B. finish.
Reversible Handle.
Mortice, 4/6 pair. Rim, 2/3 each.



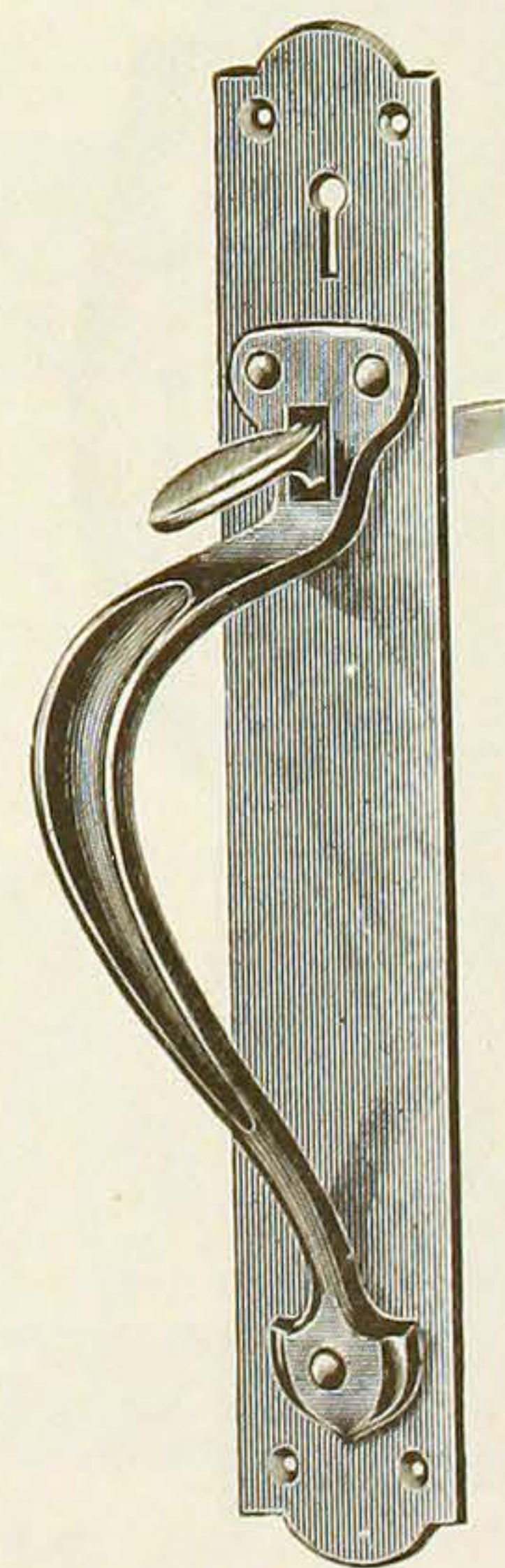
No. PHS 4700

Malleable Iron.
Berlin blacked.
Size of plate, $11'' \times 2\frac{1}{8}''$.
Mortice 6/2 pair.
Rim ... 3/1 each.



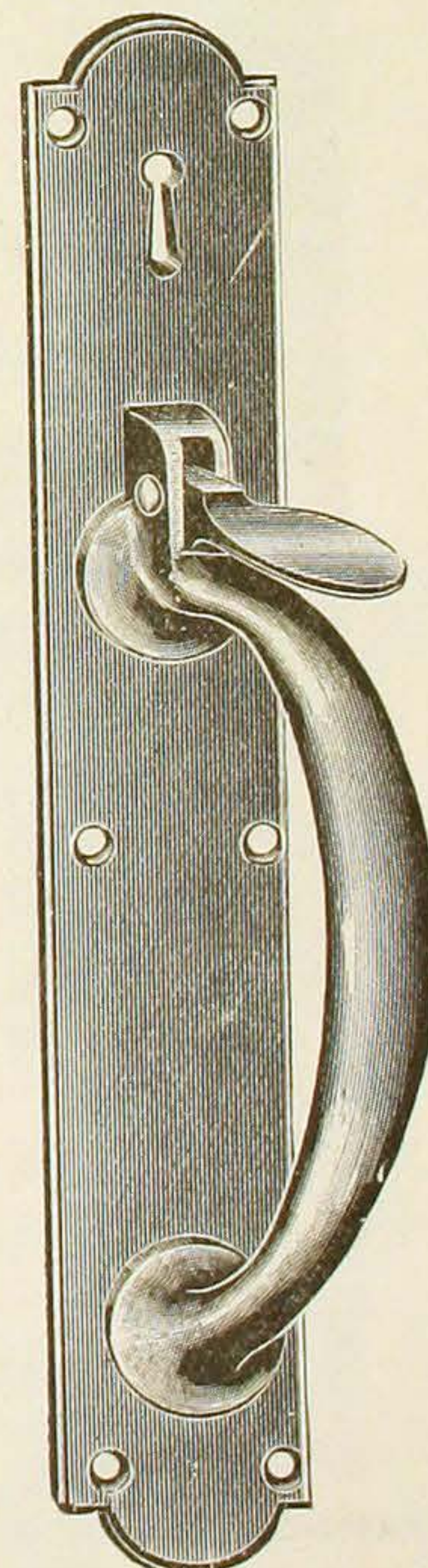
No. PHS 4701

Malleable Iron.
Berlin blacked.
Size of plate, $12'' \times 1\frac{7}{8}''$.
Mortice 6/10 pair.
Rim 3/5 each.



No. PHS 4702

Malleable Iron.
Berlin Blacked.
Size of plate, $13'' \times 2''$.
Mortice 7/- pair.
Rim ... 3/6 each.



No. PHS 4704

Malleable Iron.
Plain surface.
Size of plate, $12'' \times 2''$.
Berlin blacked.
Mortice 6/2 pair.
Rim 3/1 each.

All PHS—Stock Lines.

“B” Basis

Best Quality Handles for Weighted Locks

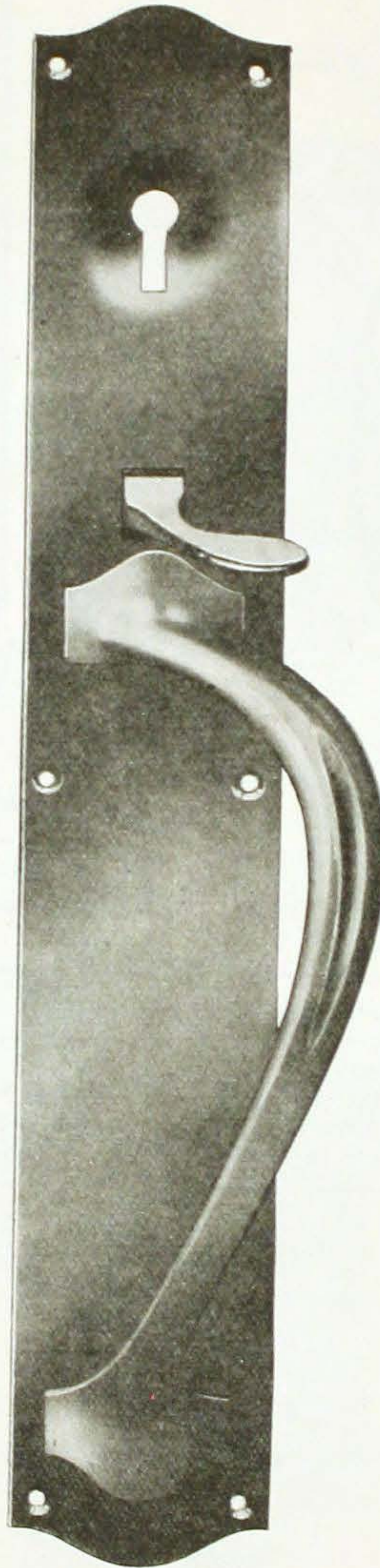
Scale one-third full size unless
otherwise stated or size given.



No. PHO 5417 Plate 16" x 3"
pair. each.
Brass .. 23/8 12/8
C. B. and R. 25/6 13/8
B.M.A. .. 27/2 14/6
Ox. Silver on
White Metal 36/9 19/8



No. PHS*5410 Plate 11" x 2"
pair. each.
Mall. Iron, B.B. 7/- 4/6
Polished Brass 18/6 10/2
C. B. and R. 19/4 10/8
B.M.A. .. 21/- 11/4
Ox. Silvered 24/6 13/8
*Stocked only in Mall. Iron,
Brass and B.M.A.



Regd. Number 722597.

Scale approx. half full size.

No. PHS*500 Plate 13 1/2" x 2 1/8"
pair. each.
Malleable Iron, B.B. 8/9 5/3
Polished Brass .. 22/9 12/3
C. B. and R. .. 24/6 13/2
B.M.A. .. 25/6 13/8
Ox. Silvered .. 26/3 14/6
*Stocked only in Malleable Iron, Brass
and B.M.A.



No. PHS*5408 Plate 13 1/2" x 2 1/8"
pair. each.
Brass .. 15/9 8/9
C. B. and R. 17/6 9/8
B.M.A. .. 21/- 11/6
Ox. Silver on
White Metal 24/6 13/8
*Stocked only in Brass and
B.M.A.



No. PHG 5409 Plate 14" x 3 1/4"
pair. each.
Brass .. 38/6 20/2
C. B. and R. 40/3 21/-
B.M.A. .. 45/6 23/8
Ox. Silver on
White Metal 56/- 29/6



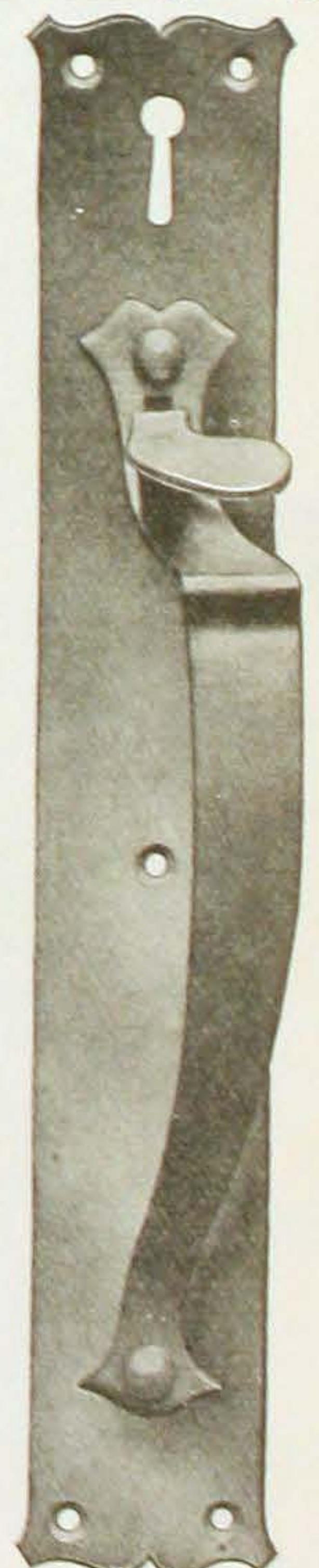
No. PHS*5404 Plate 14" x 2"
pair. each.
Brass .. 29/9 15/9
A. C. B. and R. 33/3 17/6
B.M.A. .. 36/9 19/3
Ox. Silver on
White Metal 52/6 27/8
*Stocked only in Brass and
B.M.A.



No. PHS*1709 Plate 12" x 2 1/4"
pair. each.
Brass .. 26/3 14/-
C. B. and R. 28/- 15/-
B.M.A. .. 31/6 16/8
Ox. Silver on
White Metal 40/3 21/6
*Stocked only in Brass and
B.M.A.



No. PHS*5405 Plate 11" x 2"
pair. each.
Brass .. 22/9 12/3
A.C. B. and R. 25/6 13/8
B.M.A. .. 27/3 14/6
Ox. Silver on
White Metal 42/- 22/4
*Stocked only in Brass & B.M.A.



No. PHS*5415 Plate 13" x 2 1/4"
pair. each.
Brass .. 19/3 10/6
C. B. and R. 21/- 11/6
B.M.A. .. 24/6 13/2
Ox. Silver on
White Metal 33/3 18/-
*Stocked only in Brass and
B.M.A.

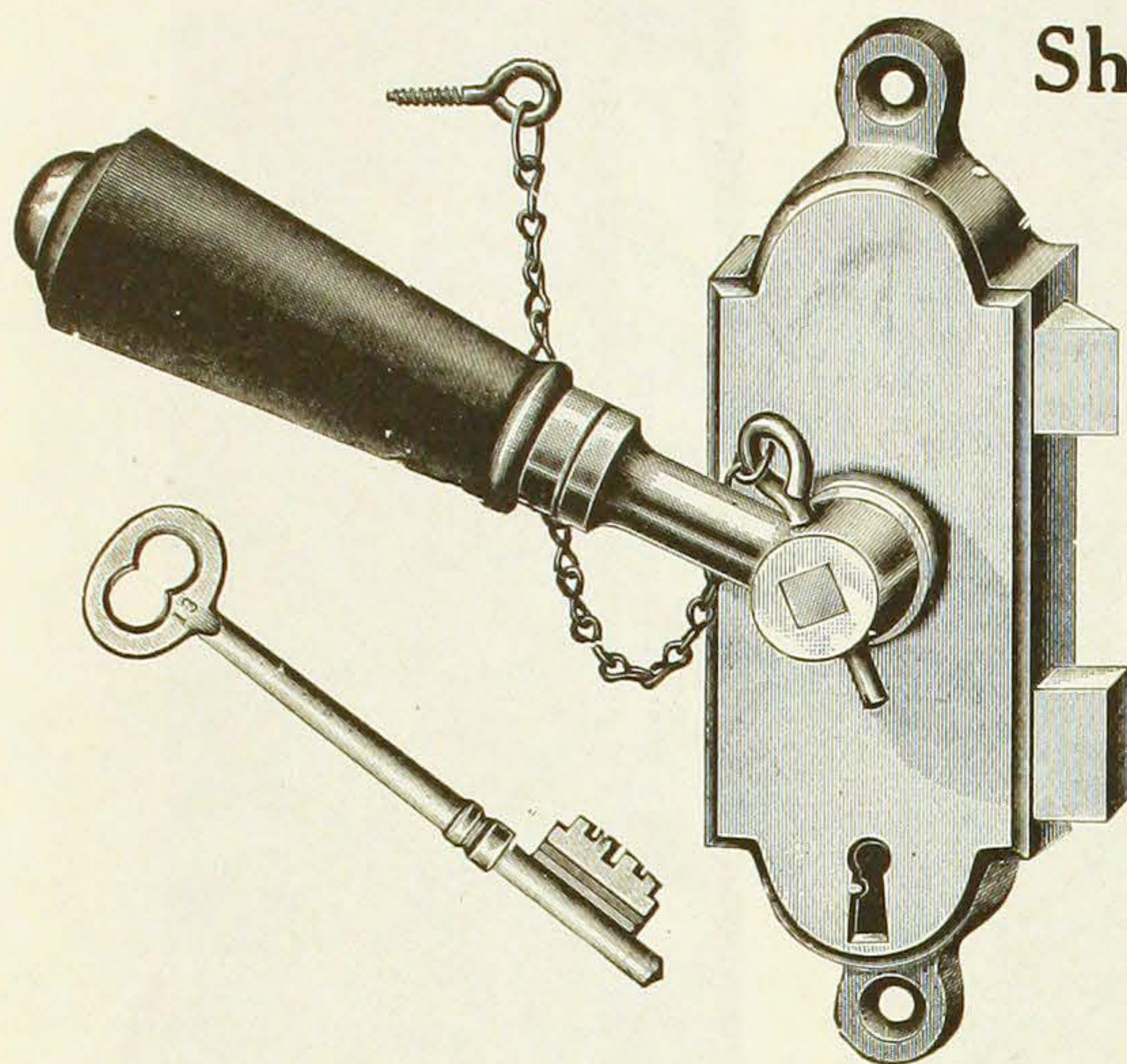
WHERE these Handles are used
with Rim Locks, only **One** is
needed (with a long Thumb Bit)
for each door, for Mortice Locks
Two are required with Short Thumb
Bits.
The **PRICES** Each include long
Thumb Bits for use with Rim Locks
and are also the prices of **Single**
Handles with Short Thumb Bits,
should these be required.

"B" Basis.

Extra for Chromium Plating Stainless for any
of above Door Handles, 9/- each nett.

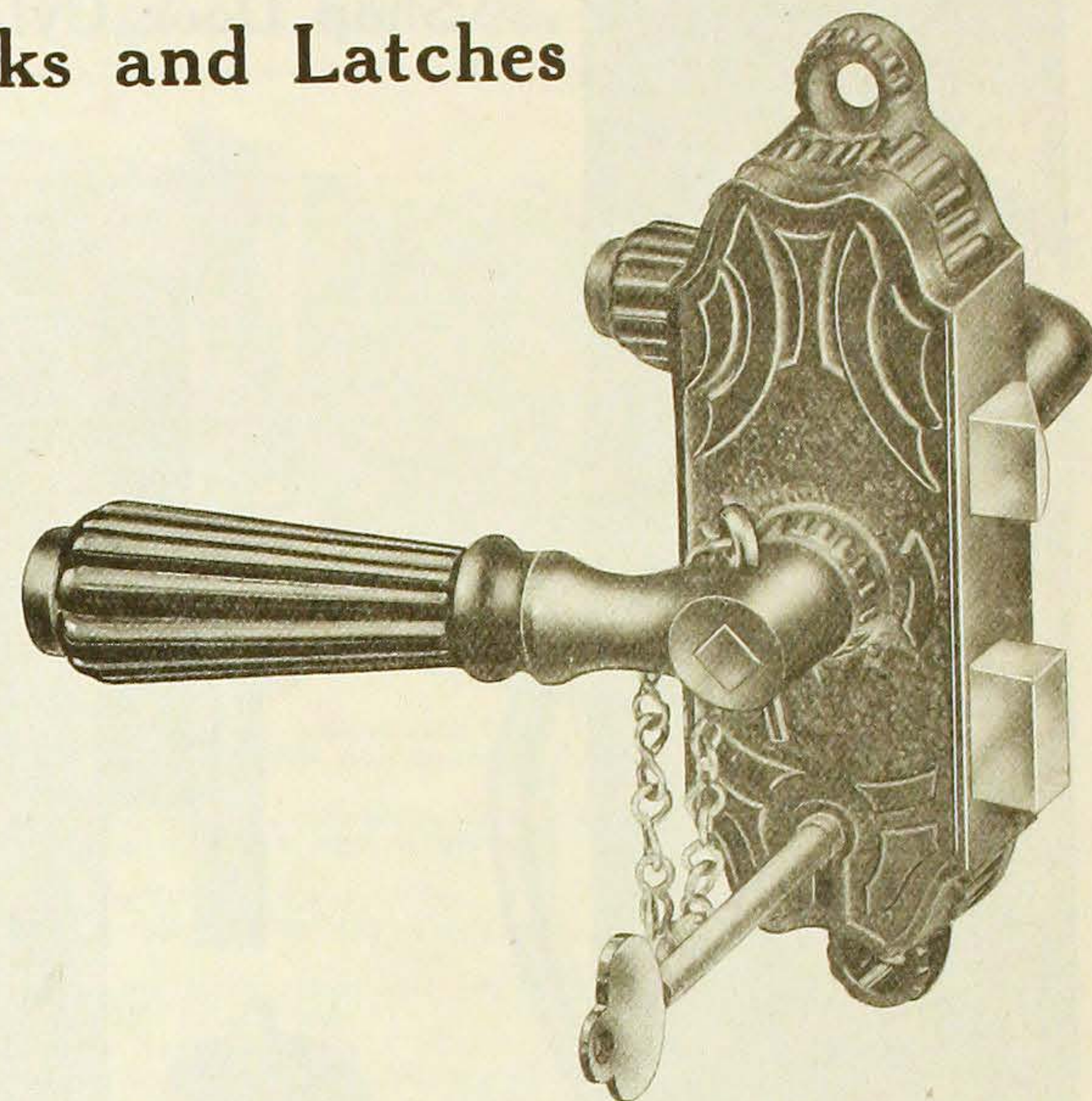
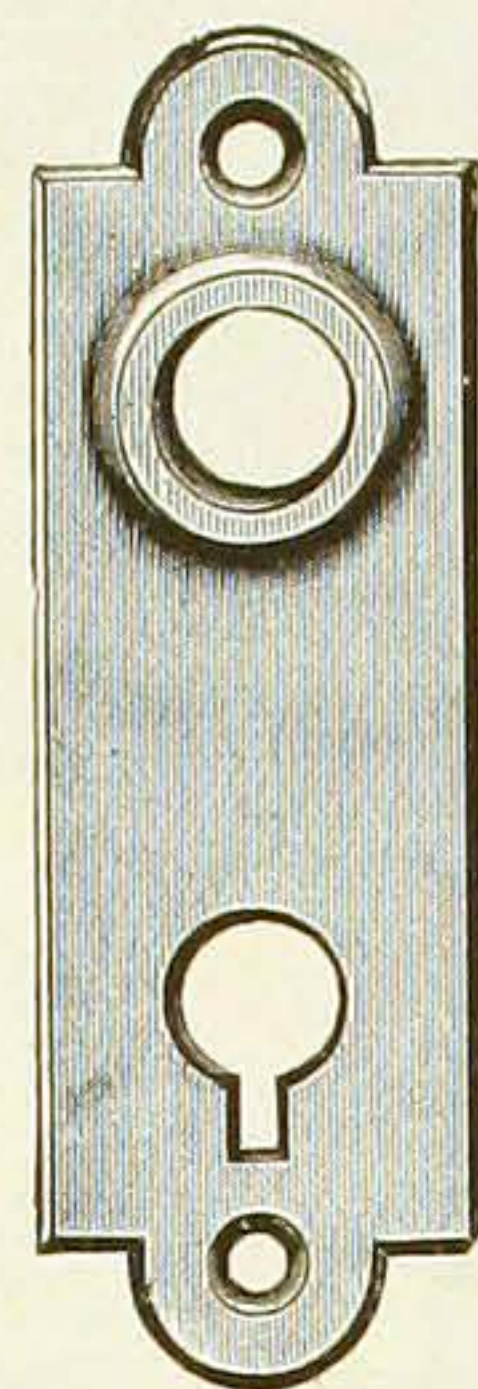
PHS—Stock Line; PHO—To order only.

Shop Door Locks and Latches

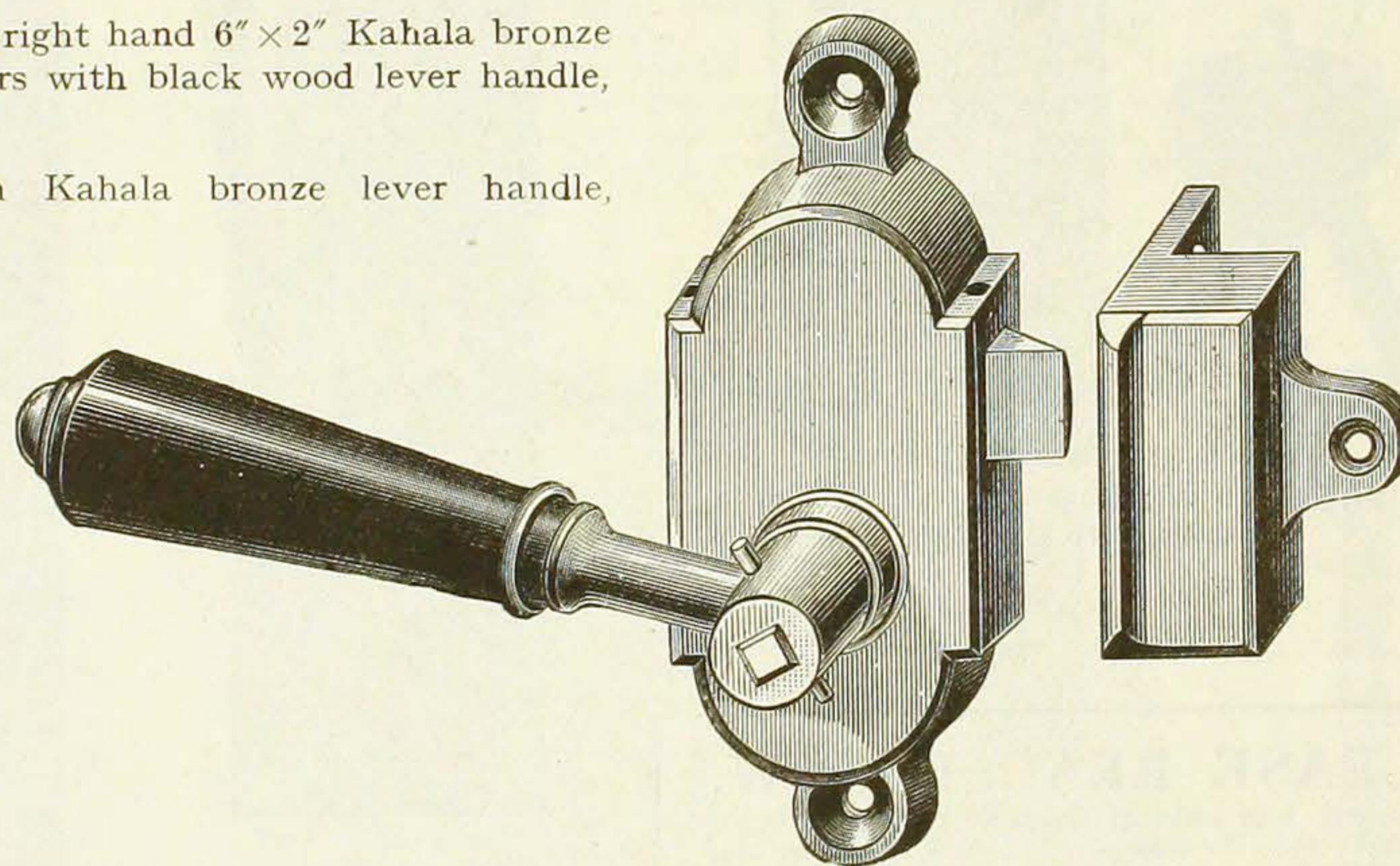


No. PHS 9172 Shop Door Lock, right hand 6" x 2" Kahala bronze case, two iron bolts, three levers with black wood lever handle, 20/- each.

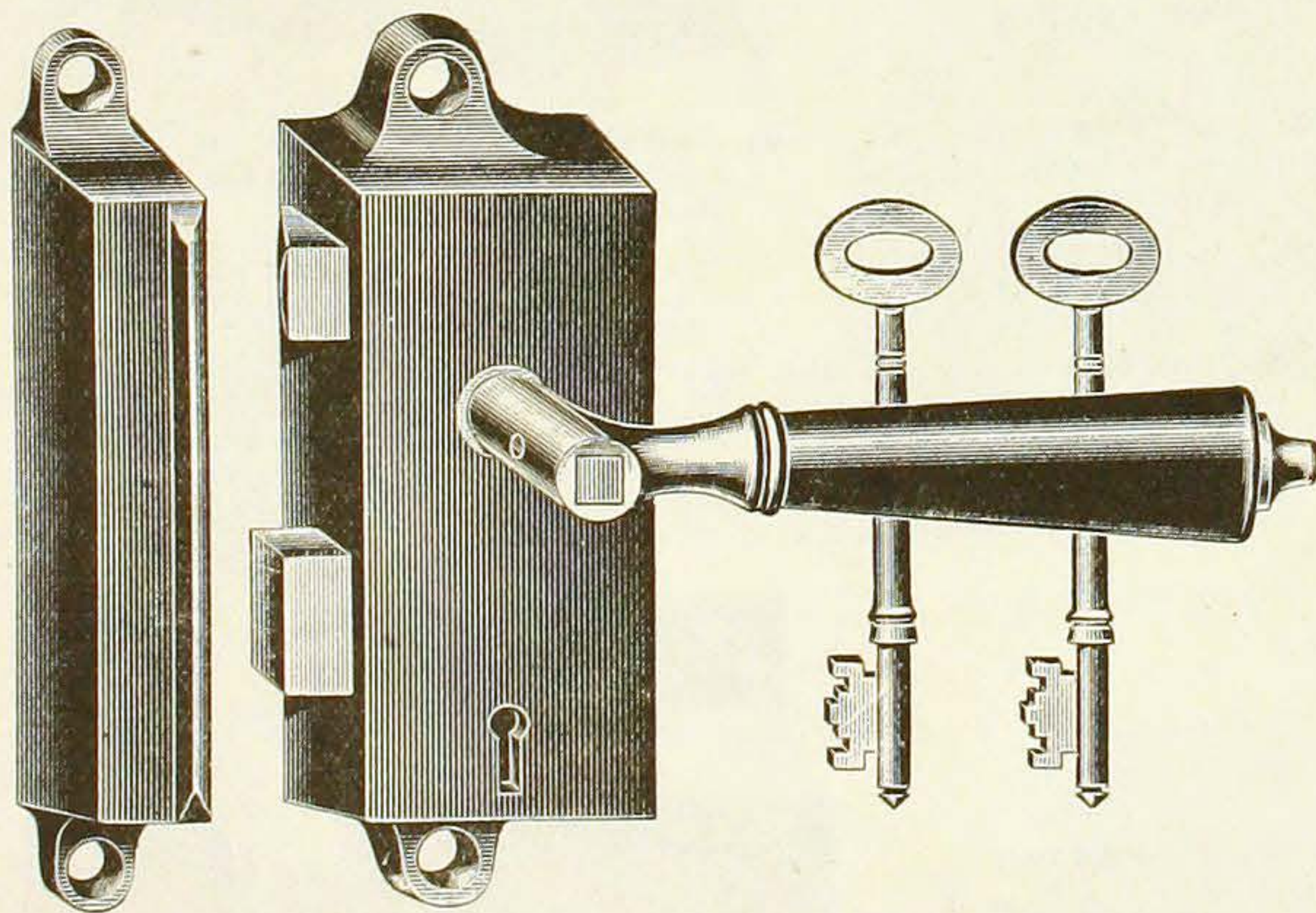
No. PHS 9173 Ditto, but with Kahala bronze lever handle, 17/- each.



No. PHS 9164 Shop Door Lock, grey iron case, finished Kahala bronze, size 6" x 1 7/8" x 1" only, three levers, two coil springs, brass bolts, two malleable iron keys, nickel-plated. Handles malleable iron, finished to match lock, 18/6 each.



No. PHS 9174 Latch only. Left hand 5" x 1 3/4" japanned case, iron bolt, with black wood lever handle, nickel-plated Mountings, 15/9 each.



No. PHS 9171 Shop Door Lock, 4 1/8" x 1 7/8" iron or brass case, two brass bolts, three levers with polished brass handles, ebony grips, two nickel-plated keys.

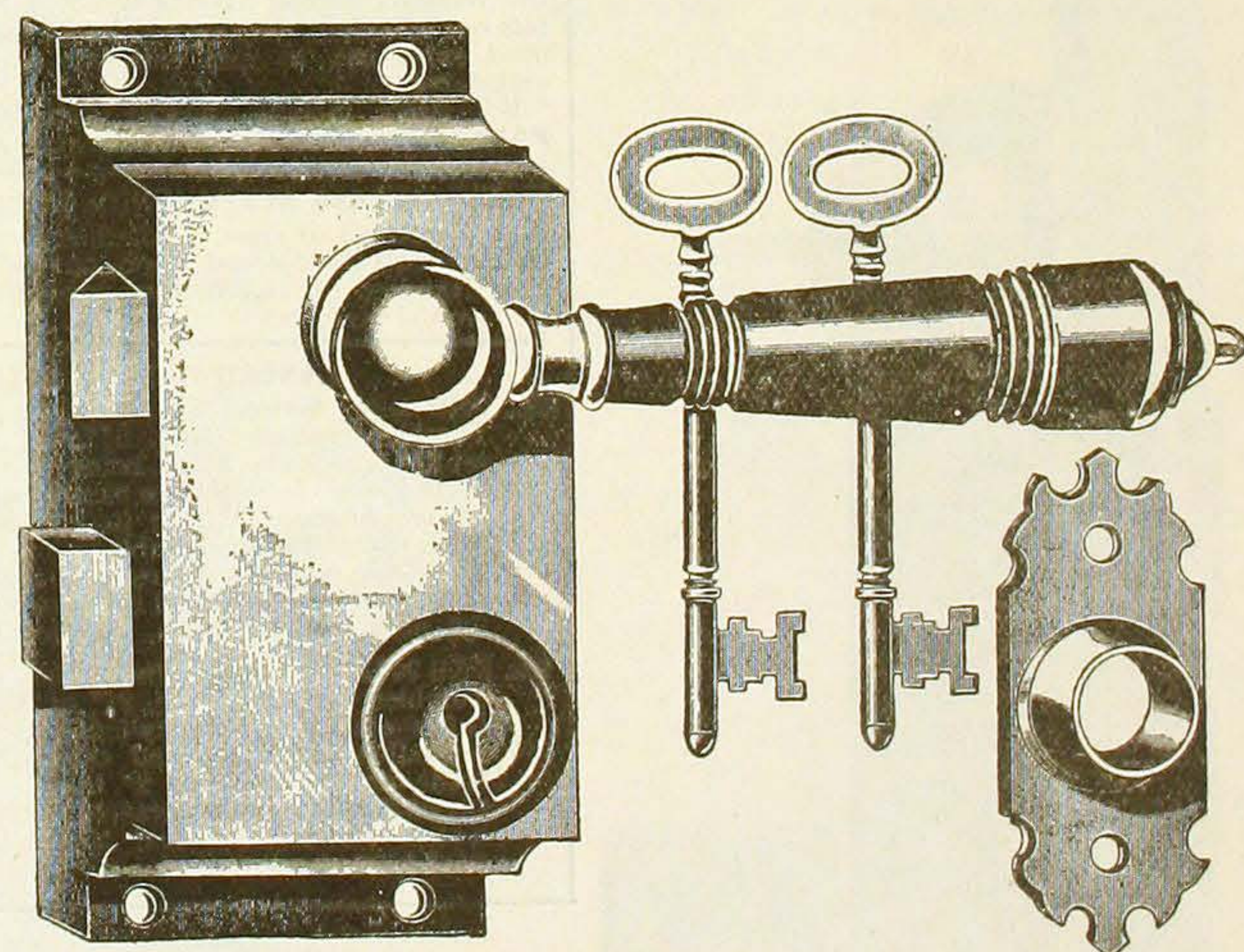
*Art Black on Iron	...	...	16/3 each.
Nickel-plated on Iron	...	...	19/9 "
*Brass, polished	...	...	20/2 "
" Nickel Plated	...	...	23/8 "

*Only stocked in Art Black on Iron and Brass polished.

No. PHS 9158 Shop Door Latch to match 3 1/4" x 2" case.

*Art Black on Iron	...	...	12/9 each.
Nickel-plated on Iron	...	...	16/3 "
*Brass, Polished	...	...	17/2 "
*" Nickel Plated	...	...	20/8 "

*Stocked only in Art Black on Iron and Brass Polished.

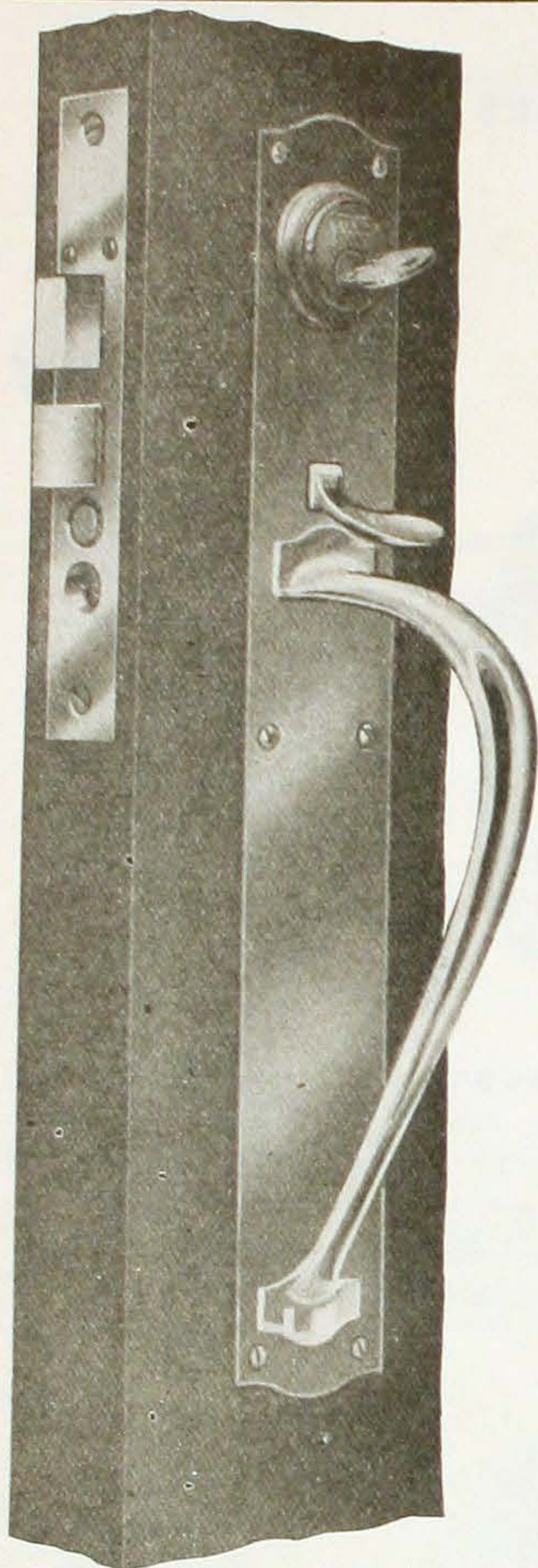


No. PHS 9156 Scale half full size. Shop Door Lock. Overall measurements of case, 5 5/8" x 2 5/8" wide, brass best quality, two-lever, heavy lever handles, ebony grips, 43/9 each. Ditto in Bronze Metal, 47/3 each.

*Stocked only in Brass.

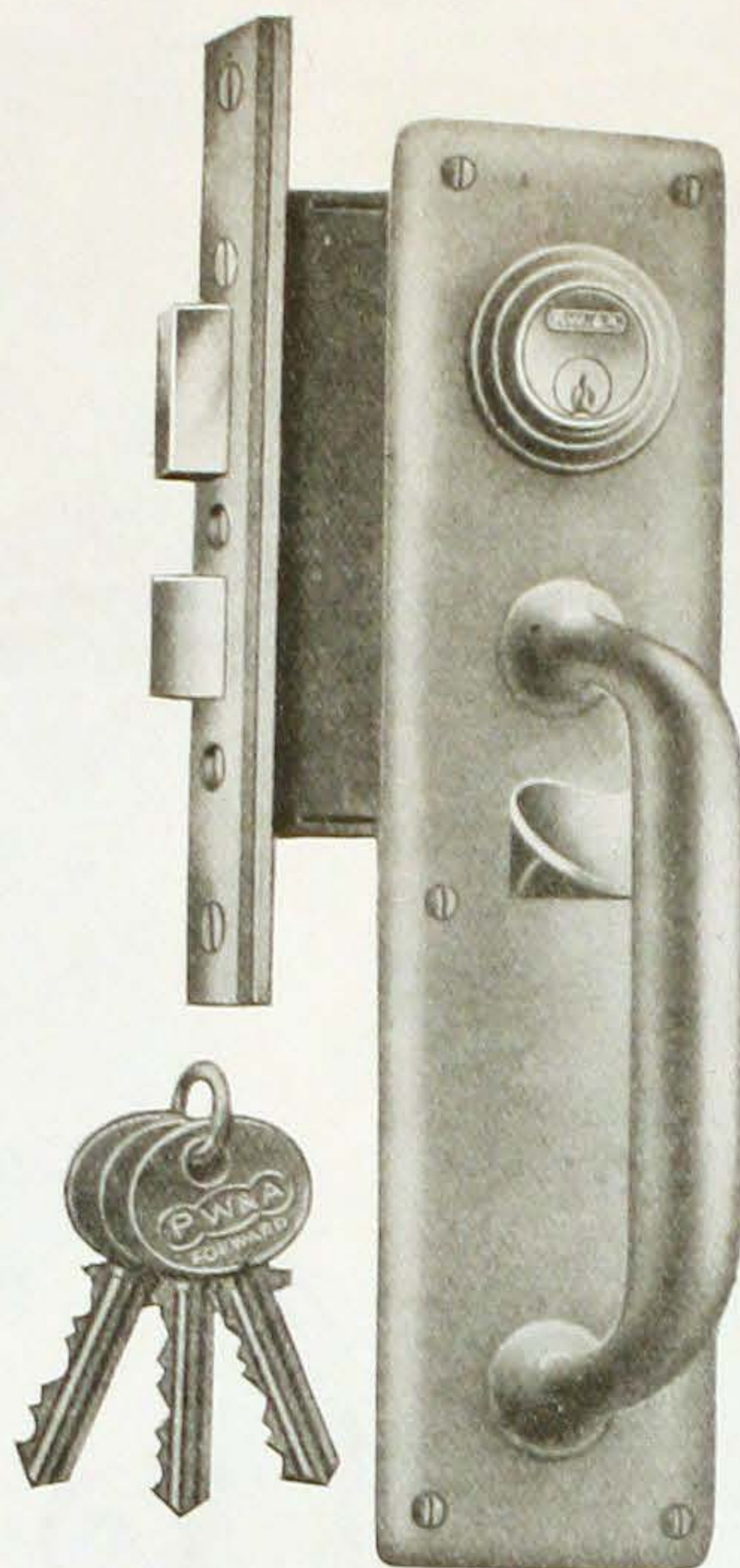
Shop Door Cylinder Locks

Scale approximately—ONE-THIRD FULL SIZE. Latest Designs



No. PHO 9310 Thumb Handle, back plate 15 1/2" x 2 1/8" and No. PHO 9290 Lock as described in panel.

"A" Set	..	..	43/-	44/9 set.
"B" "	..	..	59/8	62/3 "



No. PHO 9149 Thumb Handle, back plate, 10" x 2" and No. PHO 9290 Lock, described in panel.

"A" Set	..	..	39/3	40/9 set.
"B" "	..	..	52/6	54/6 "

PLEASE READ BELOW.

THE first four locks illustrated are usually supplied with Thumb Handles one side and Knob the other, the lock being single cylindered.

The Lock is No. PHO 9290 in all four examples, but the Knob may be either oval 2 1/2" x 1 1/4" or No. PHS 2020 or round, 1 1/2" diam., our No. PHS 2011 illustrated on page 14. Both types same price.

"A" Sets include Single Cylindered Lock with Thumb Handle shewn and Knob with short spindle.

NOTE that where pair of Thumb Handles in use, should the recessed button in lock fore-end have put thumb bits out of action, persons remaining inside the building need extra key to gain exit, the lock being double cylindered.

"B" Sets include Double Cylindered Lock with PAIR of Thumb Handles as shewn.

PLEASE STATE WHEN ORDERING.

Thickness of door. Whether required with Thumb Handle and Knob, or Pair of Thumb Handles. If knob, say whether oval or round preferred.

DESCRIPTION OF LOCKS

No. PHO 9290 Mortice Cylinder Shop Door Lock, Pin Tumbler, japanned case, 3 1/2" x 5 1/2" x 3/4" thick, back set 2 1/2", gun-metal front, bolts cylinder and striking plate, reversible bolt, three paracentric keys. Pressure on top recessed button in lock fore-end renders latch thumb bit immovable.

To release press lower recessed button.

If supplied to differ and en suite with Master Key, 3/6 each cylinder extra. Master Keys, 3/6 each.

No. PHO 9153 Mortice Cylinder Shop Door Lock, Pin Tumbler, japanned case, 2 1/2" or 3" x 5 1/2" x 3/4" thick. Gun-metal bolt and cylinder, brass face plate, reversible latch bolt and three paracentric keys. Made for doors 1 1/2" to 2" thick. Note Lock now supplied with Square Cornered Case.

Extras for differing and Master Keys as No. PHO 9290 above.

No. PHO 9154 Lever Handles, plate 3" x 1 1/4", handle 4" with Lock No. PHO 9153 described in panel. Price includes one pair of Lever Handles as shewn and Lock with three Keys.

One Cylinder Lock	..	..	49/-	50/6 set.
Two "	..	..	—	57/6 "

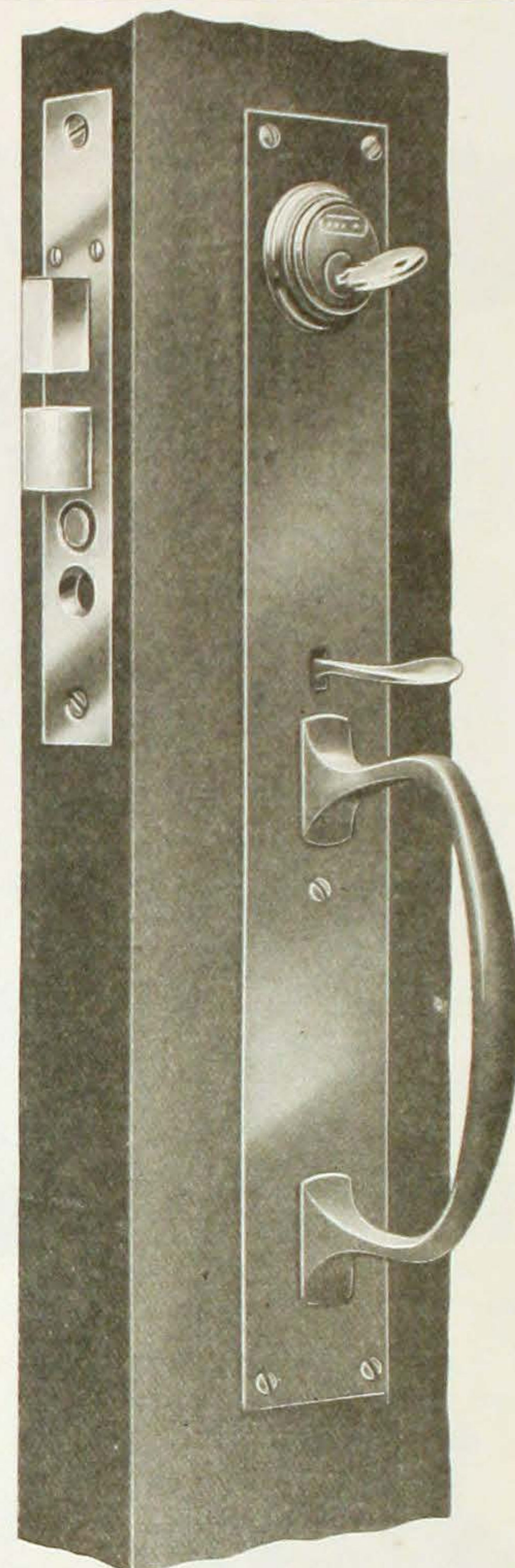
Extra for Chromium Plating Stainless for any of above Thumb Handles, 9/- each nett.



No. PHO 9152

Thumb Handle, back-plate, 16" x 2 1/2" and 10" Grip Handle with No. PHO 9290 Lock described in panel.

"A" Set	..	..	45/9	48/- set.
"B" "	..	..	65/-	68/6 "



No. PHO 9311 Thumb Handle, back plate, 15 1/2" x 2 1/8" and No. PHO 9290 Lock described in panel.

"A" Set	..	..	47/8	52/6 set.
"B" "	..	..	69/3	78/- "

No. PHO 9291 Lever Handles with Lock complete as shown. Price includes pair of 4" G.M. Lever Handles, projecting 2 1/2" and lock with case in japanned grey iron or brass, 2 1/2" x 6 1/2" x 1", 1/8" follower, Phosphor Bronze Spring for easy action, two brass or gun-metal cylinders, brass rose and bolts. Reversible and adjustable for doors from 1 1/2" to 2 1/2" thick. Supplied with three solid nickel silver gold-plated keys.

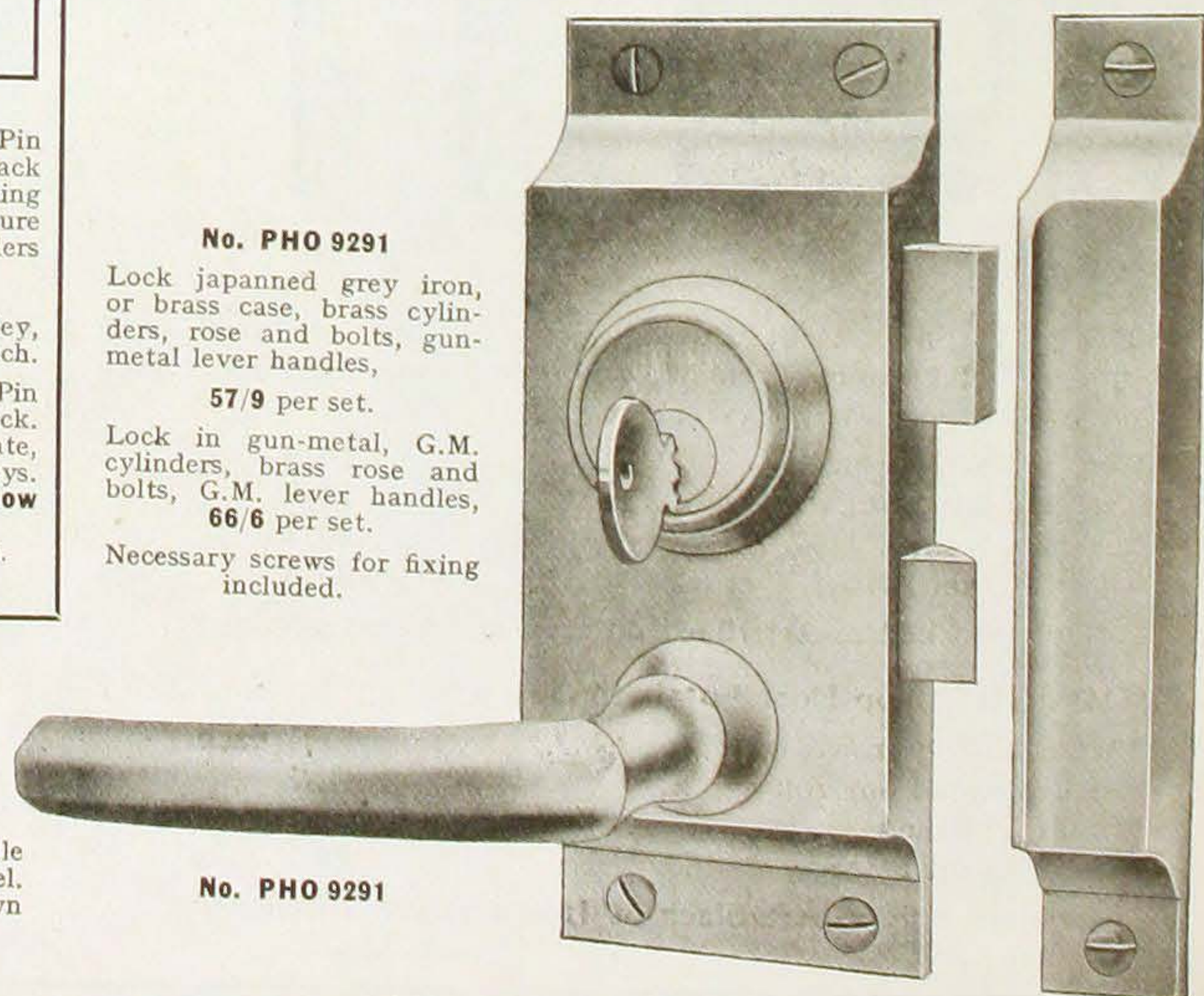
No. PHO 9291

Lock japanned grey iron, or brass case, brass cylinders, rose and bolts, gun-metal lever handles,

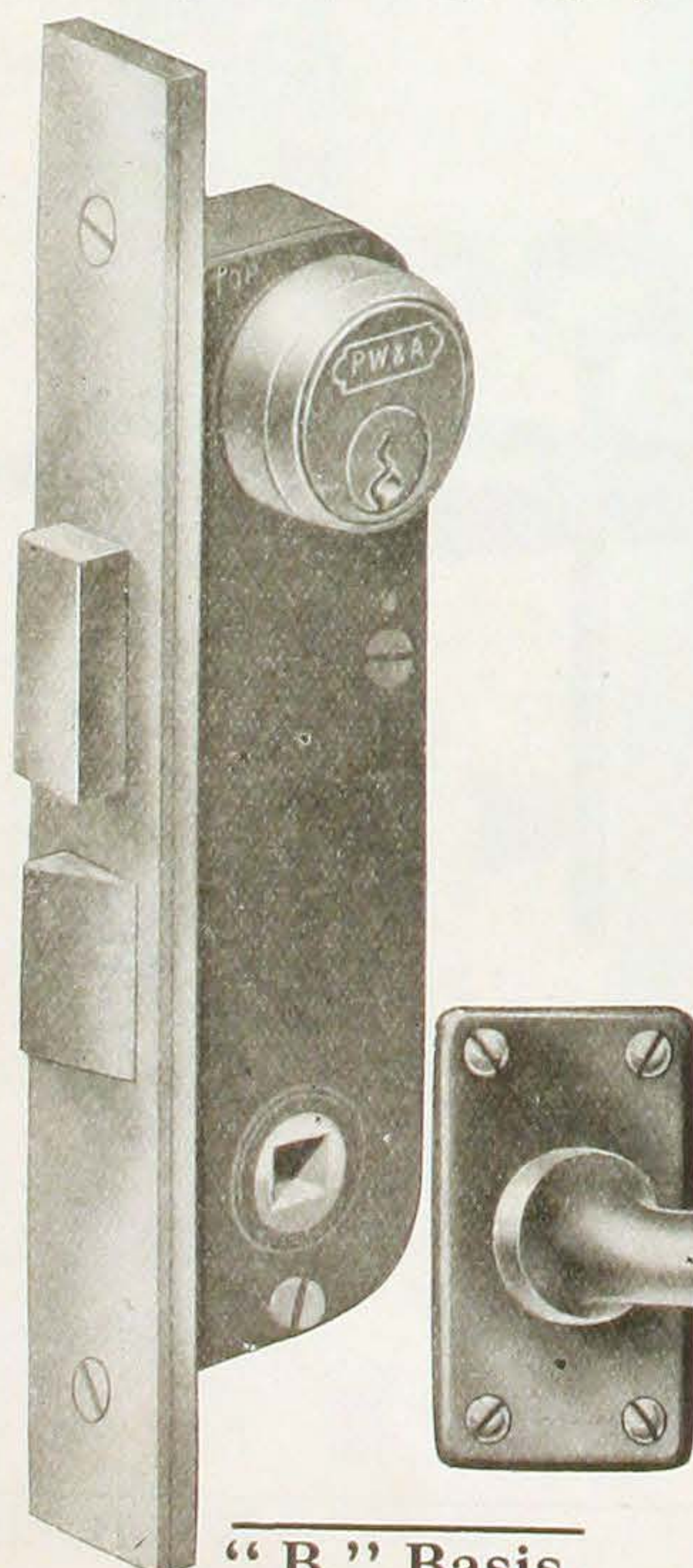
57/9 per set.

Lock in gun-metal, G.M. cylinders, brass rose and bolts, G.M. lever handles, 66/6 per set.

Necessary screws for fixing included.



No. PHO 9291

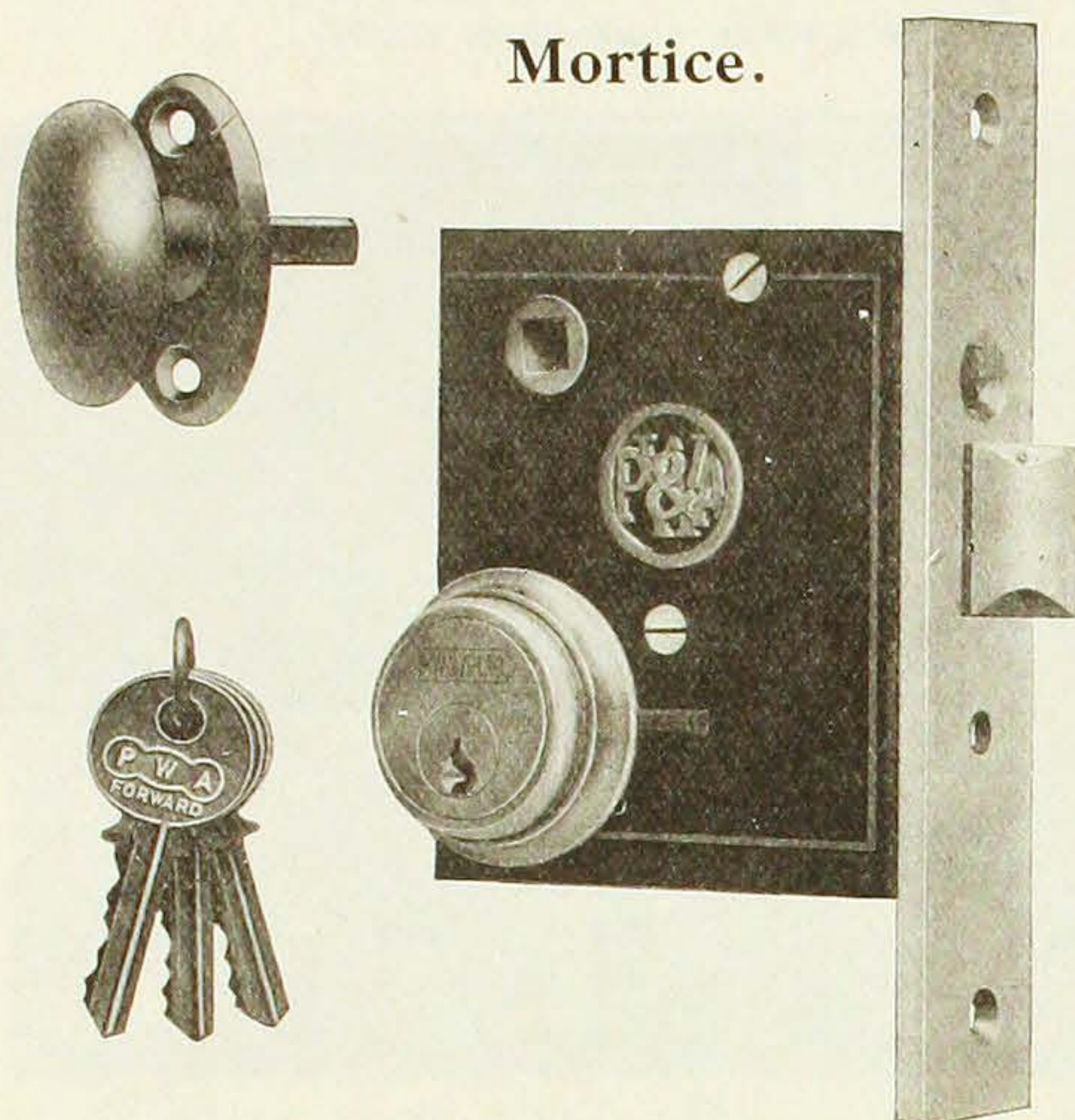


"B" Basis.

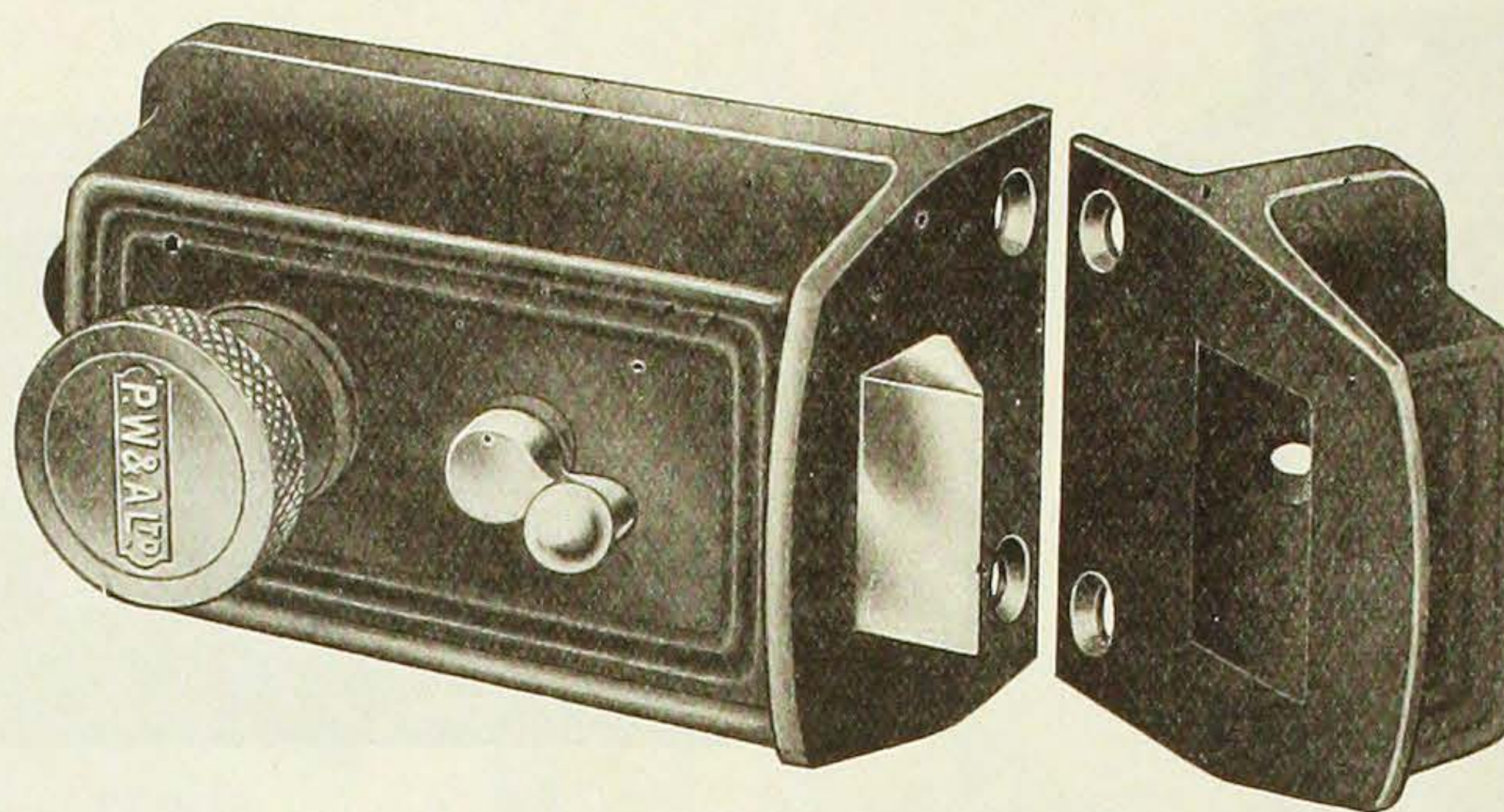
All PHO—To order only.

"FORWARD" Cylinder Night Latches.

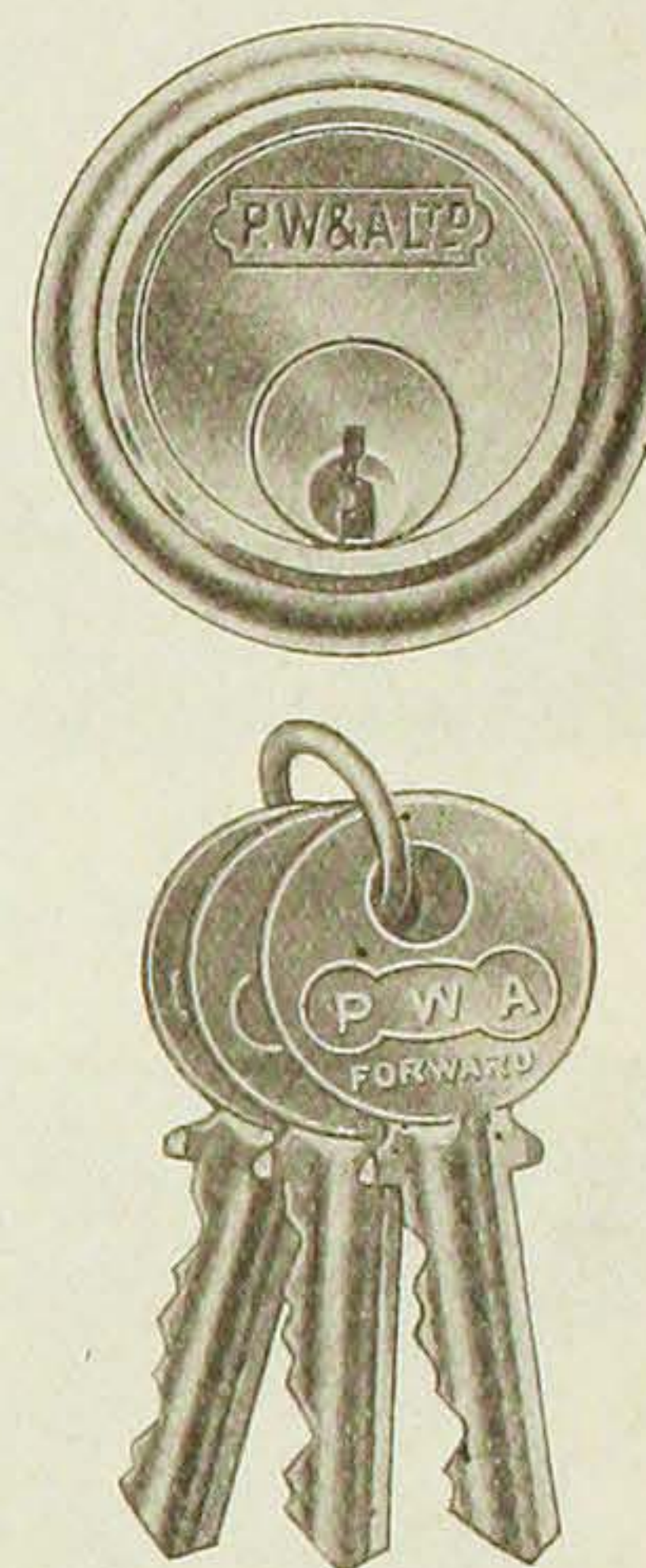
Mortice.



Size: Case 3" x 3 1/2", thickness 1/2".
No. PHS 1276 Japanned iron case, bronze front, bolt and knob, reversible for doors of either hand, and 1 1/2" to 2 1/2" thick, three-keyed, packed each in a box with screws. Price 21/9 each. State thickness of door when ordering.

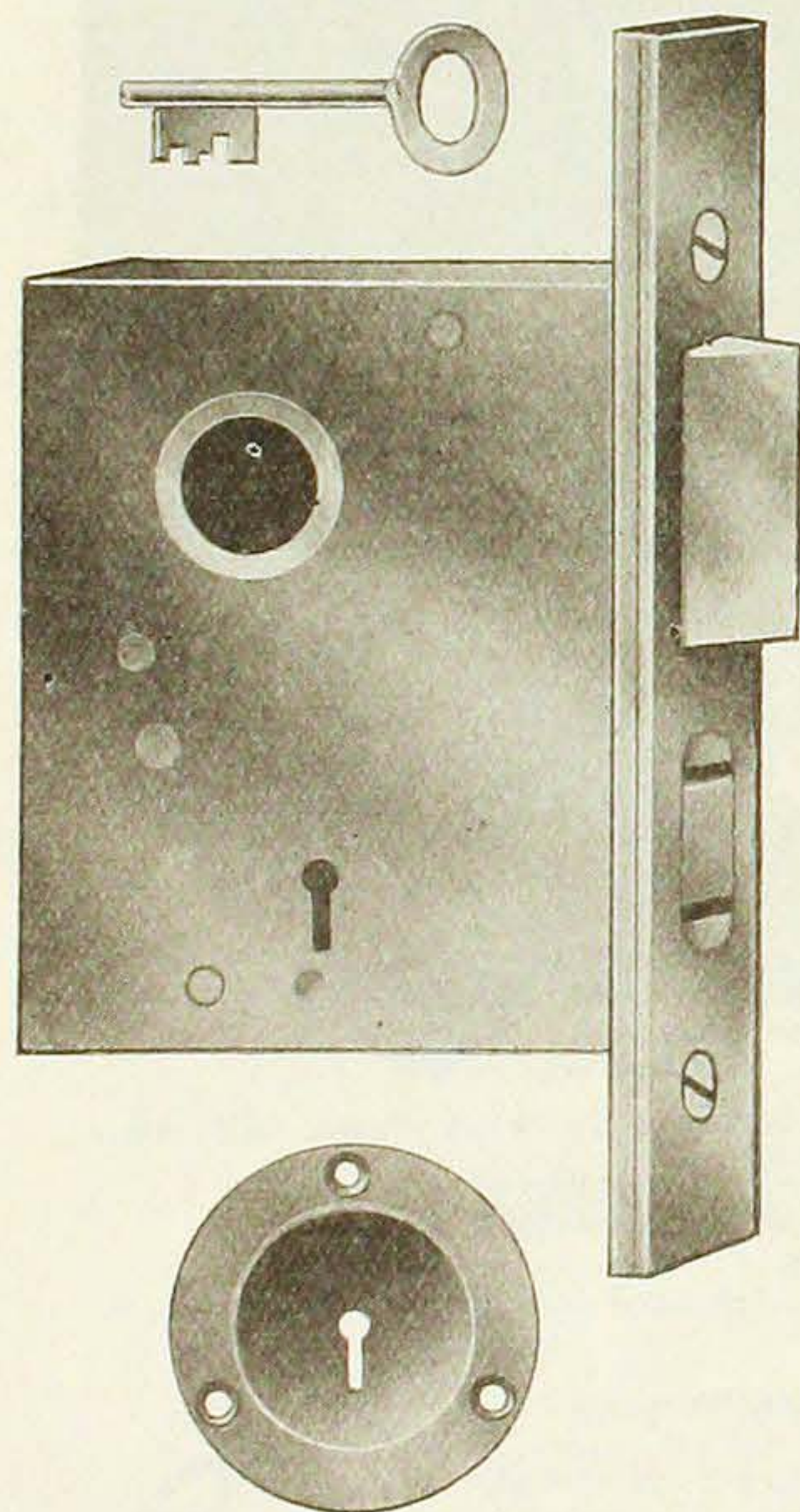


Rim.

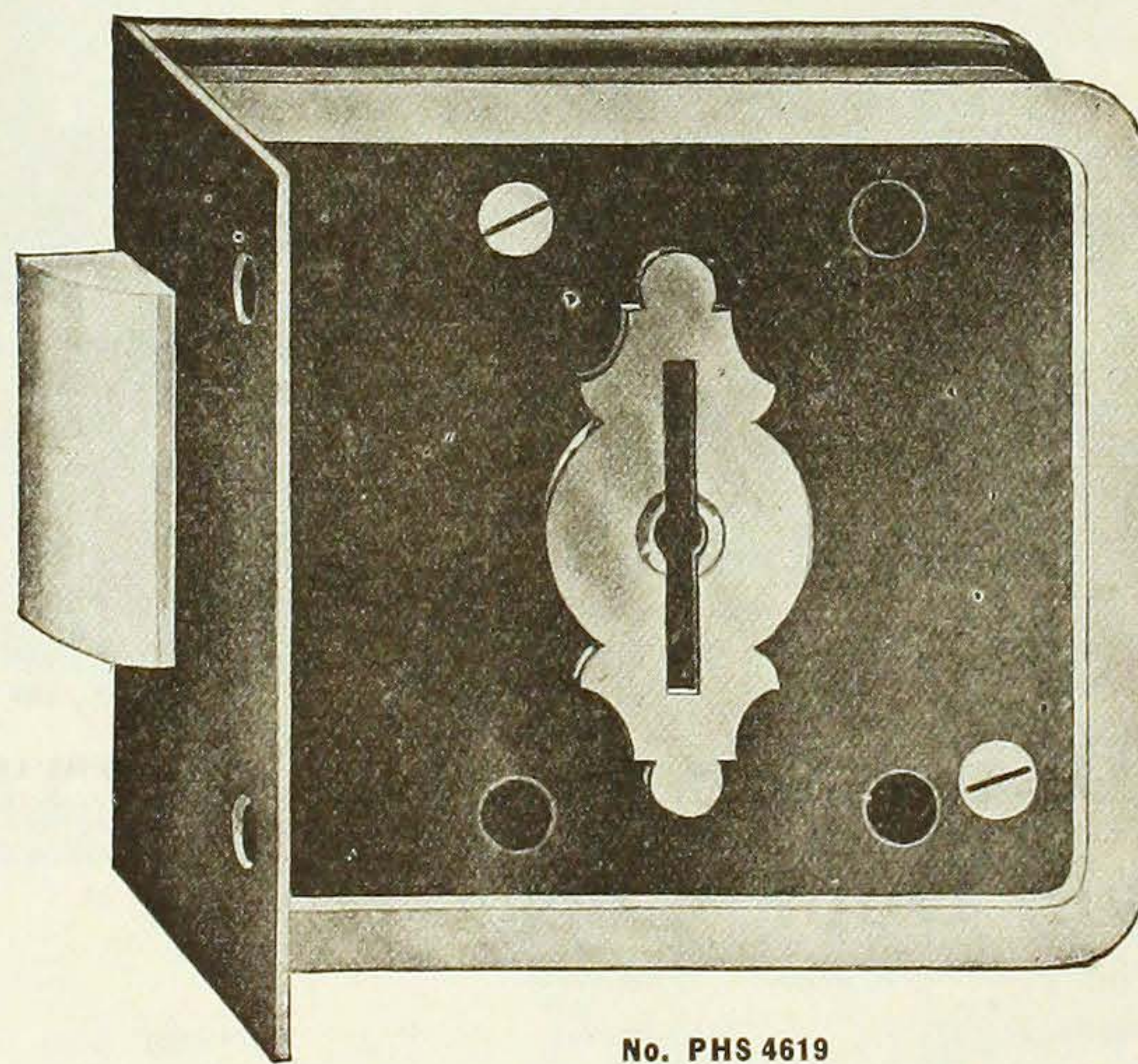


- No. PHS 1279** Iron case, 5-pin tumblers, old copper finish, bronze metal bolt and knob, suitable for doors up to 2 1/2" thick, three-keyed complete with screws, size 2 1/4" x 4", 11/- each.
No. PHS 4618 As above but **Genuine Yale**. Iron case, old copper finish, size 2 3/8" x 3 1/2" x 1". Knob and cylinder are bronze buffed, bronze bolt, three keys, complete with screws, 13/- each.
No. PHS 1277 Japanned iron case as above, size 2 1/2" x 3 3/8", 9/9 each.
No. PHS 1273 Iron case, old copper finish, as above, size 2 1/2" x 2 1/2", 11/- each. Ditto, but art black finish, 9/9 each.
No. PHS 1252 Japanned iron case, 5-pin tumblers, brass cylinder knob and bolt, 3 paracentric keys, cast brass cylinder ring, size 3 1/2" x 2 1/4", 6/9 each.
No. PHS 4622 As above, but gun metal, B.M.A. finish, 19/3 each.
No. PHS 1253 Japanned iron case as above, for doors up to 3" thick, size 3" x 4", 14/- each.
No. PHS 1299 Japanned steel case, unbreakable, 4-pin tumblers, brass cylinder, knob and bolt, three paracentric keys, size 3 3/8" x 2 1/4" Special cheap line, 6/3 each.

Rim Night Latches.

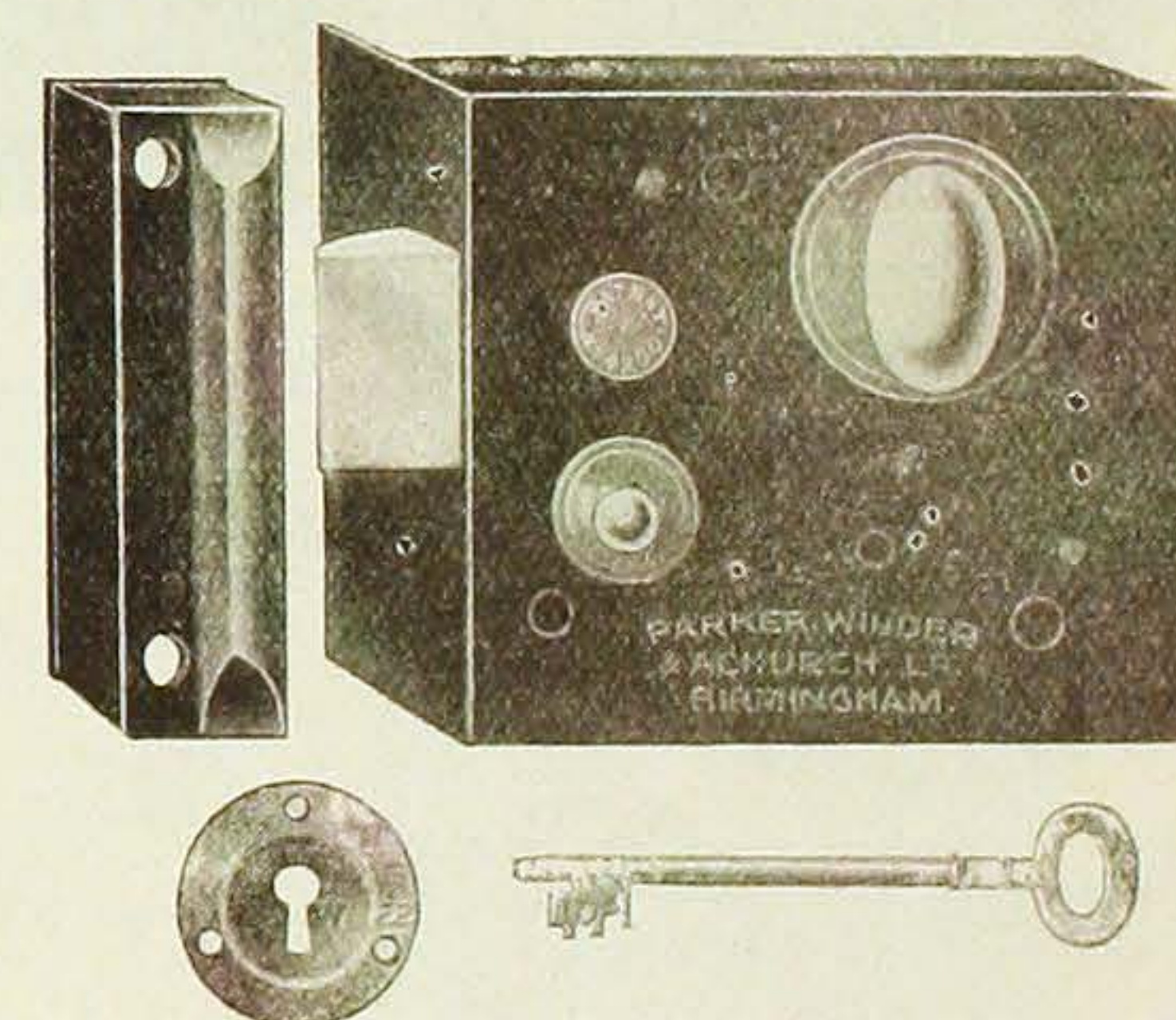
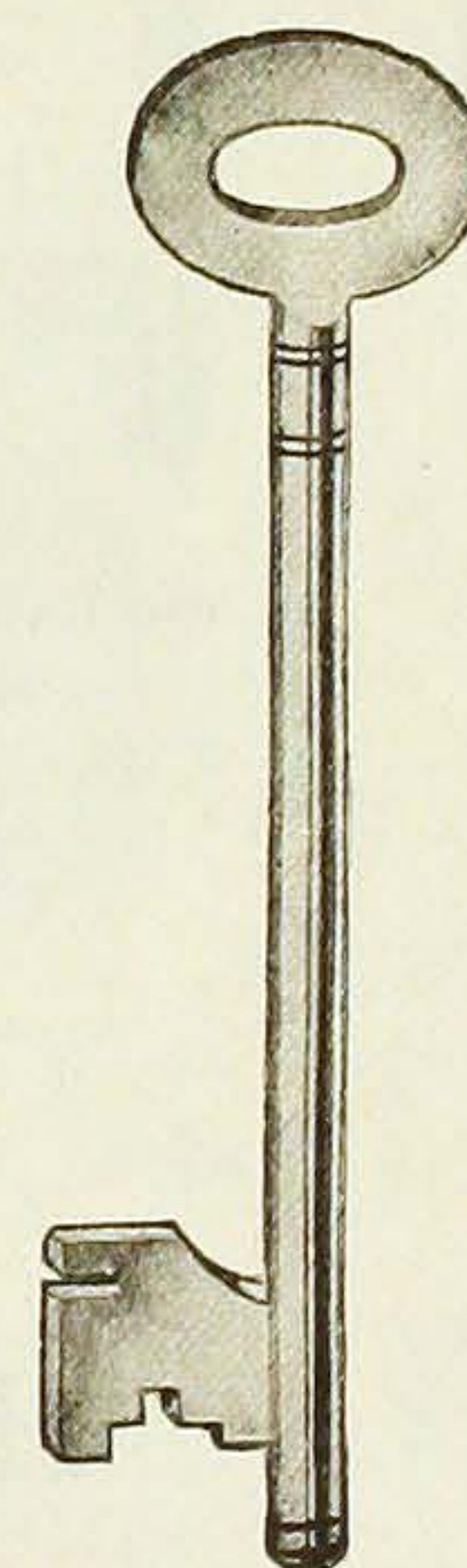


No. PHS 5402 Best quality Night Latch. Very secure. Five-lever, bright steel case, slide in fore-end, brass bolt, two very small steel keys, with bronze sunk Escutcheon. Size 3". To spring only. Price, 29/- each.



No. PHS 4619

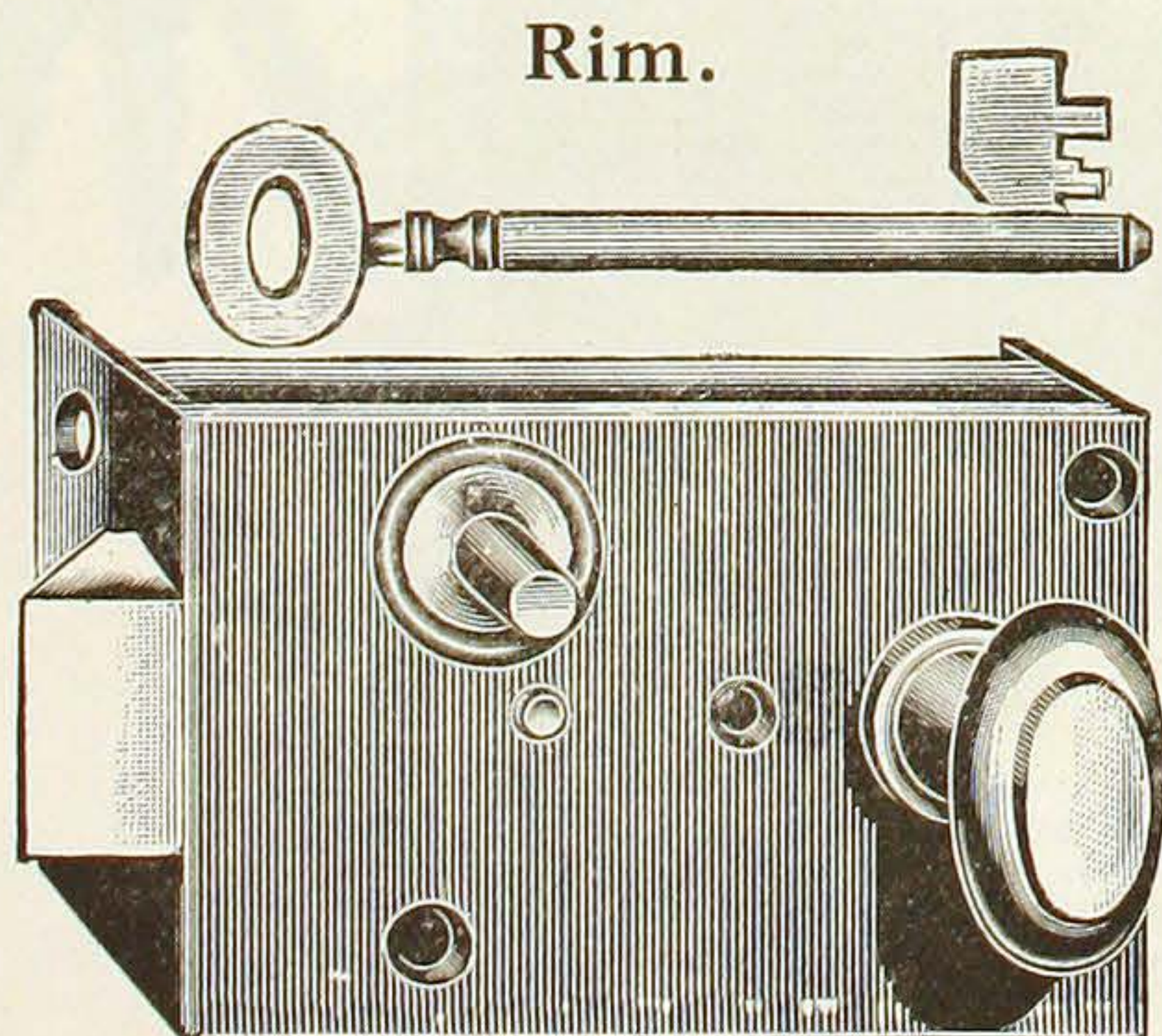
4" double handed, brass bolt, brass wards, japanned case.
 2 pin keys, 31/6 per dozen.



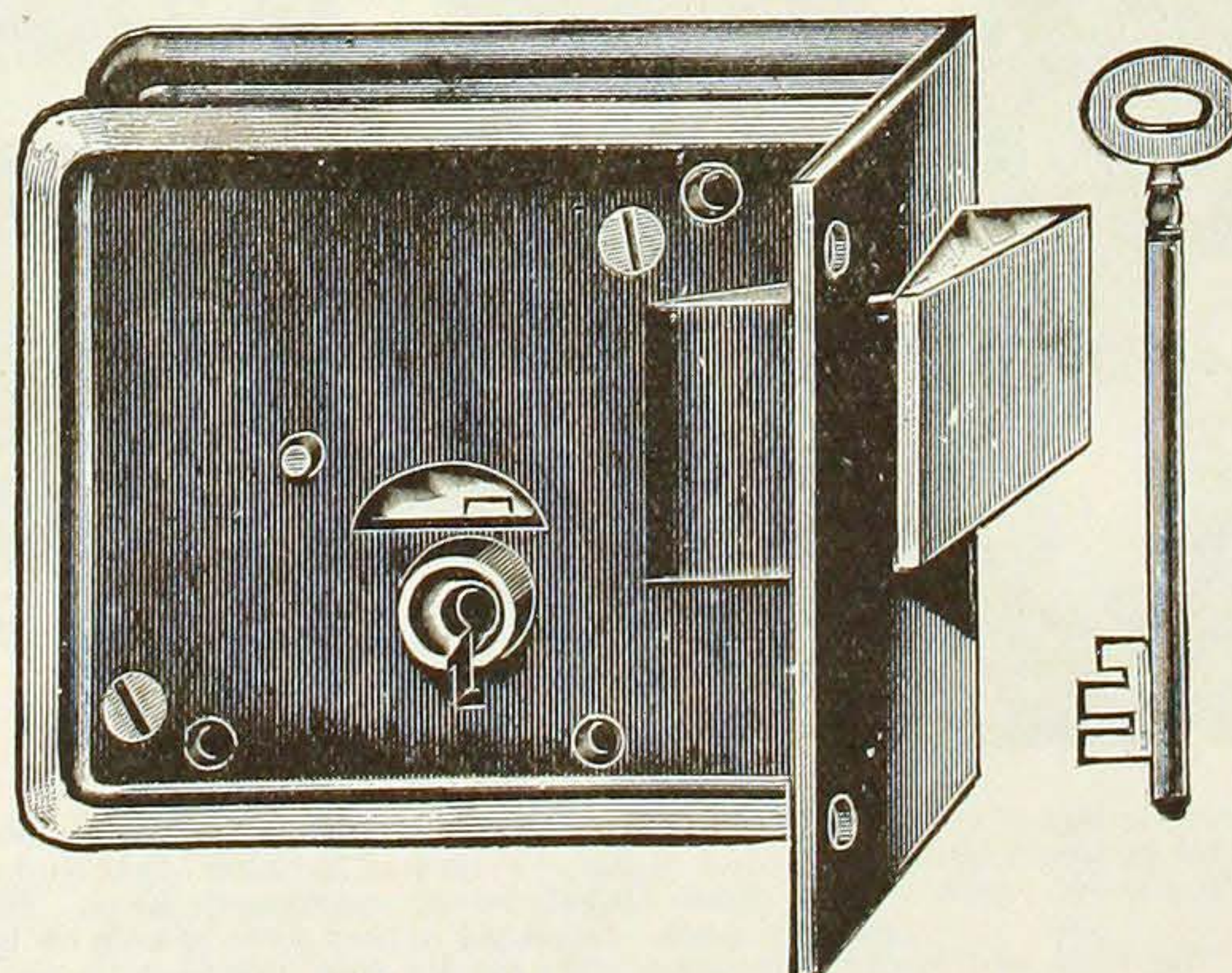
No. PHS 5400 Strong brass bolt, four-lever, neat oval knob, pin keyed, to suit 4" stile. To lock and spring, 9/3 each.

No. PHS 5401 As above, but two-lever, 8/3 each.

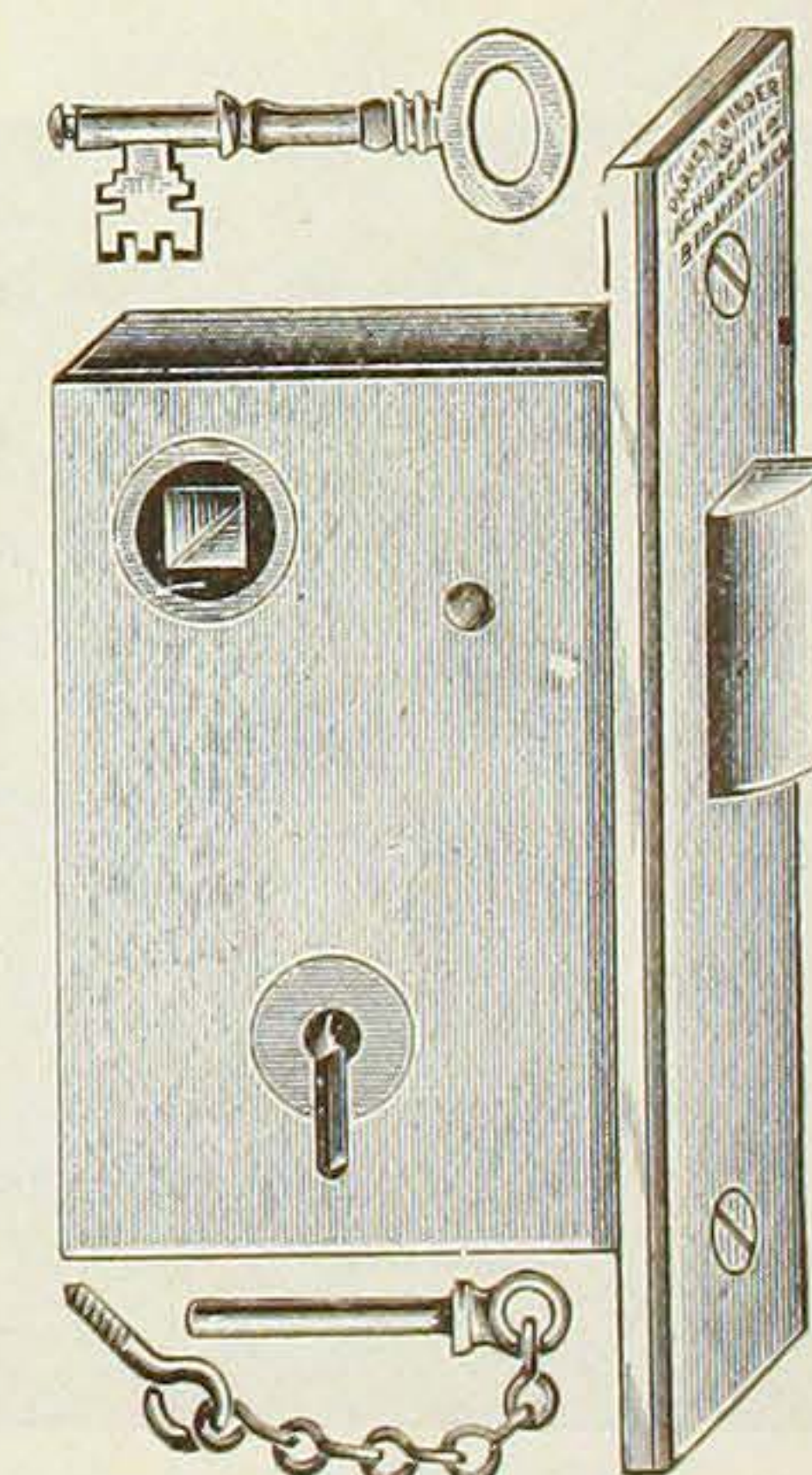
Mortice.



No. PHS 4621 4", double handed, brass bolt, brass wards, 2-pin keys, with knob to turn, 24/6 per dozen.



No. PHS 4620 4" two-lever, brass bolt, special 5/8" shoot. 2-pin keys, 45/6 dozen.
 Ditto, ditto, but four-lever, 56/- dozen.
 As above but with solid rims, 10/6 dozen extra.



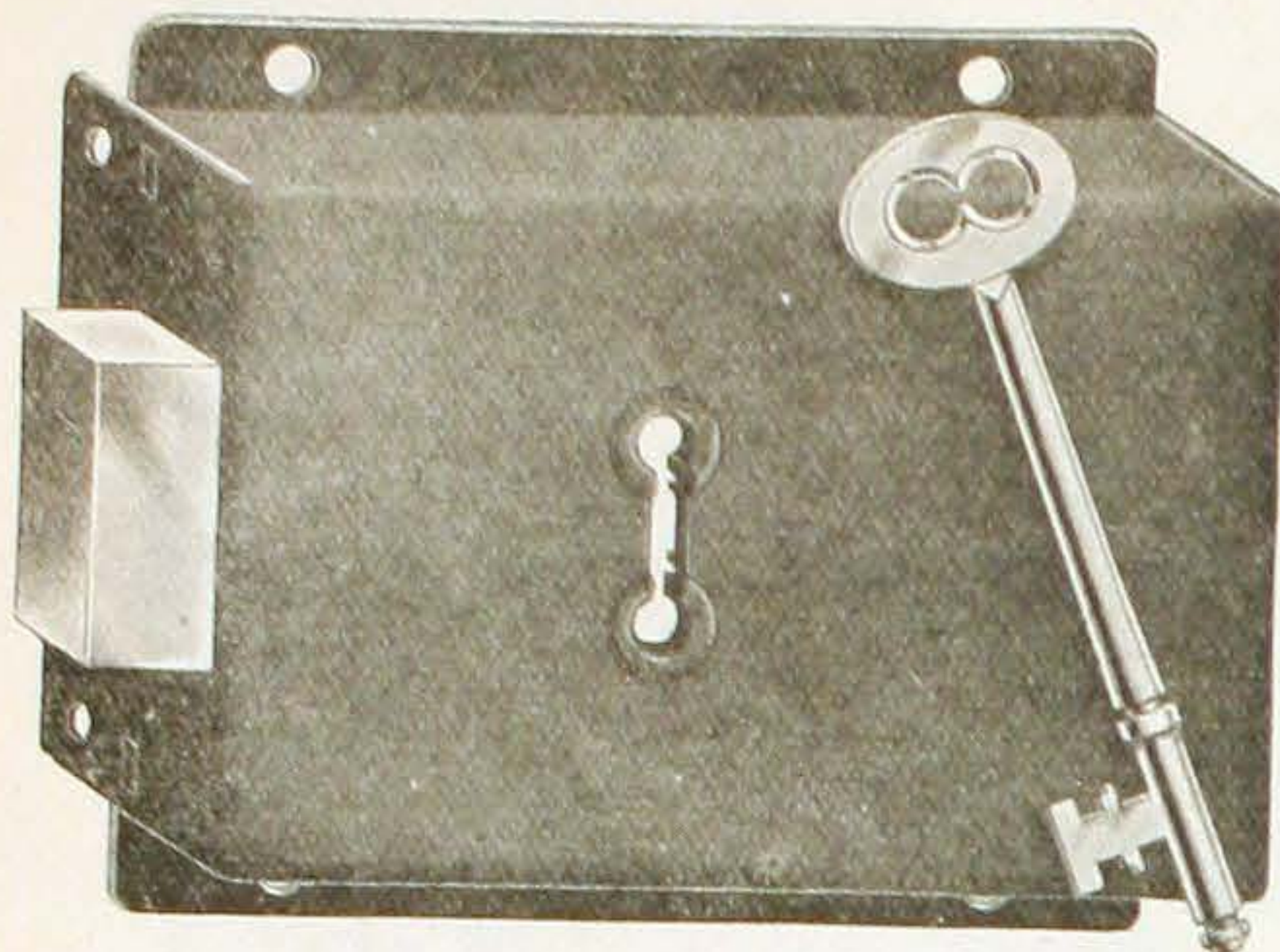
No. PHS 1257 3" best three-lever, bright steel case, brass bolt to lock and spring (with slide or pin and chain), 15/9 each.

No. PHS 1256 Two-lever, japanned case, with slide-in fore-end, size 2 1/2" or 3", to spring only, 9/- each.

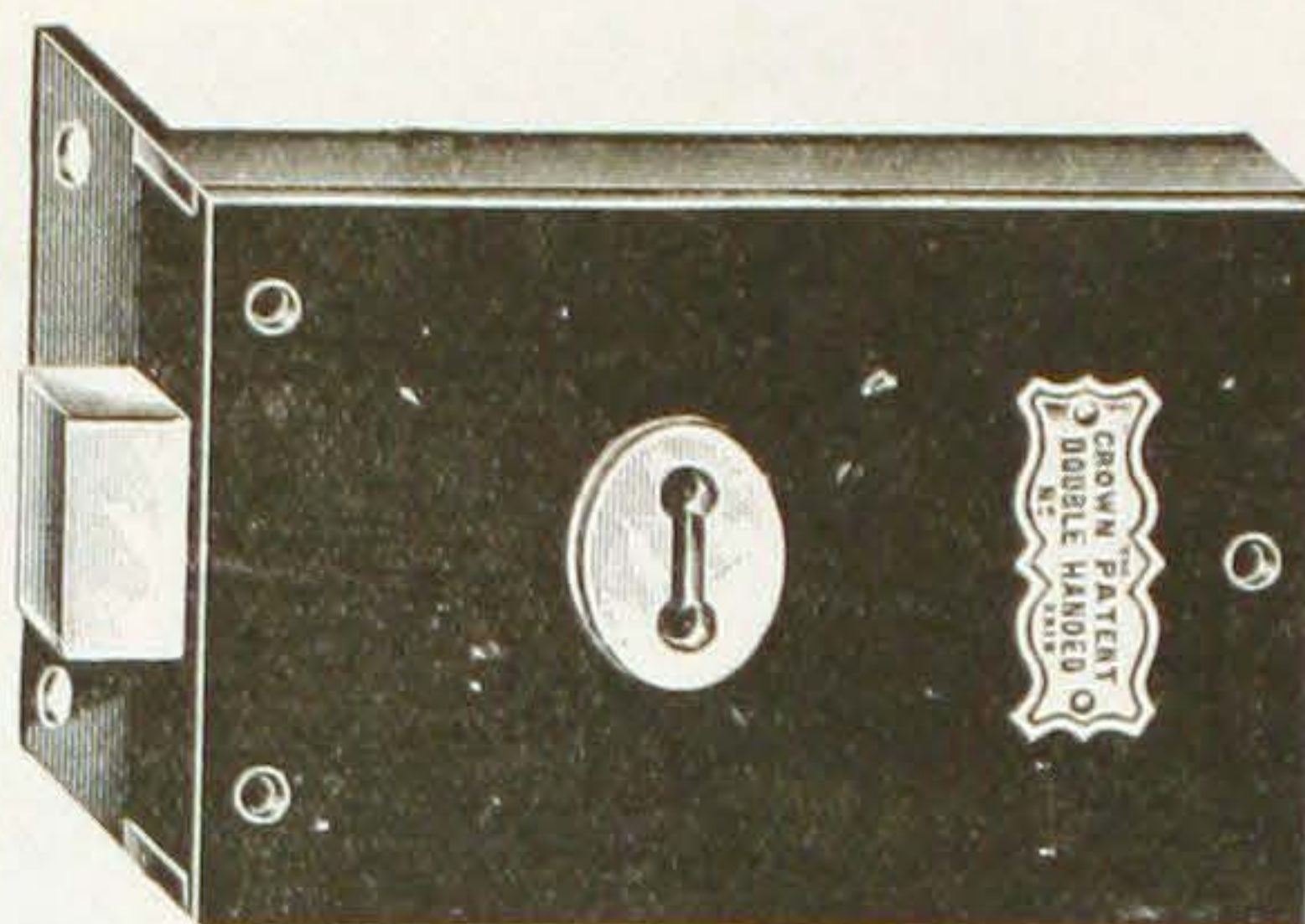
No. PHS 1255 As above, to lock and spring, two-lever, 10/6 each.

Rim Dead Locks with Staples

Scale Approx. Half Full Size.

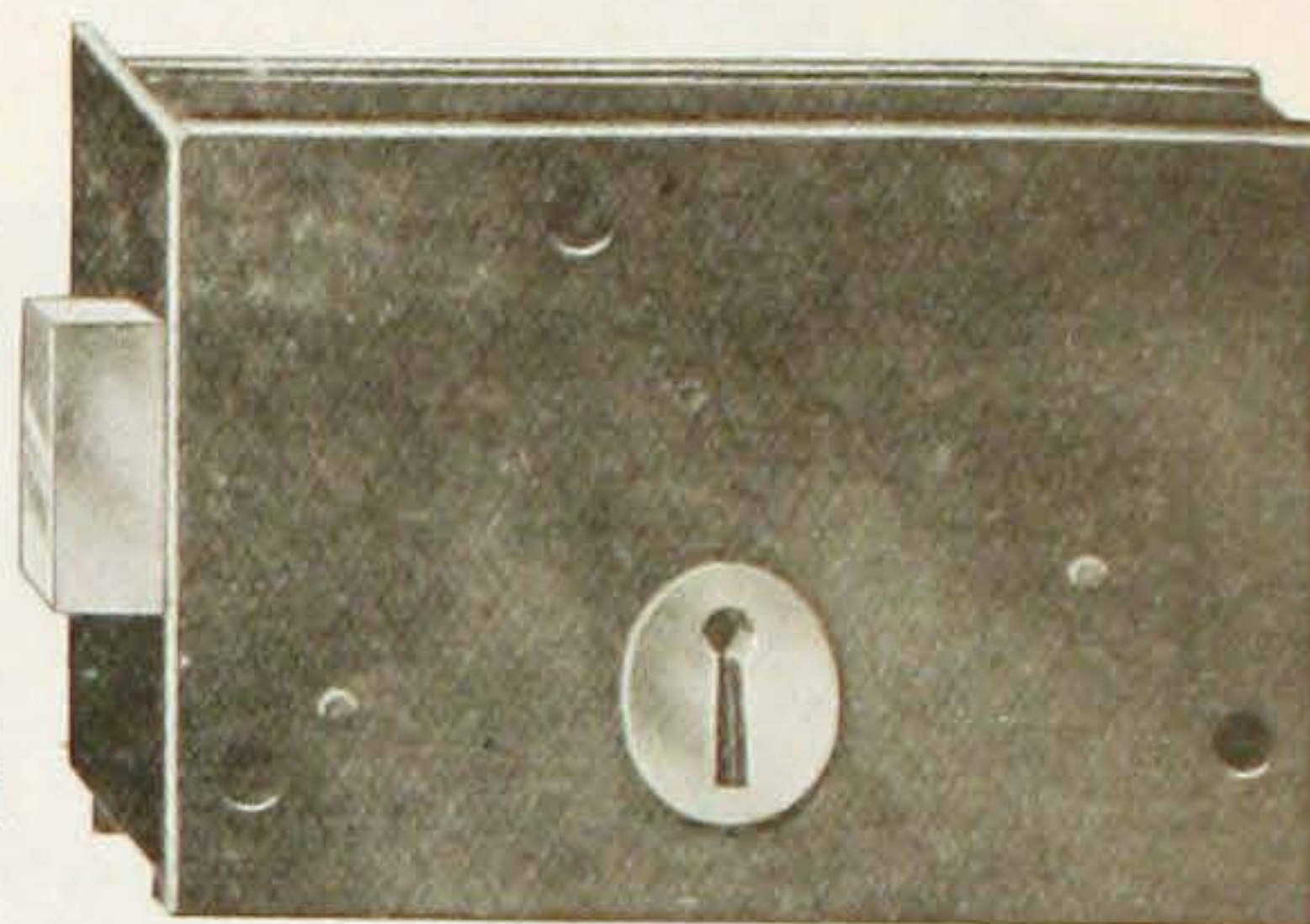


No. PHS 1247 Japanned case, brass bolt, double handed. Size 4". 22/- dozen, 2/- each.



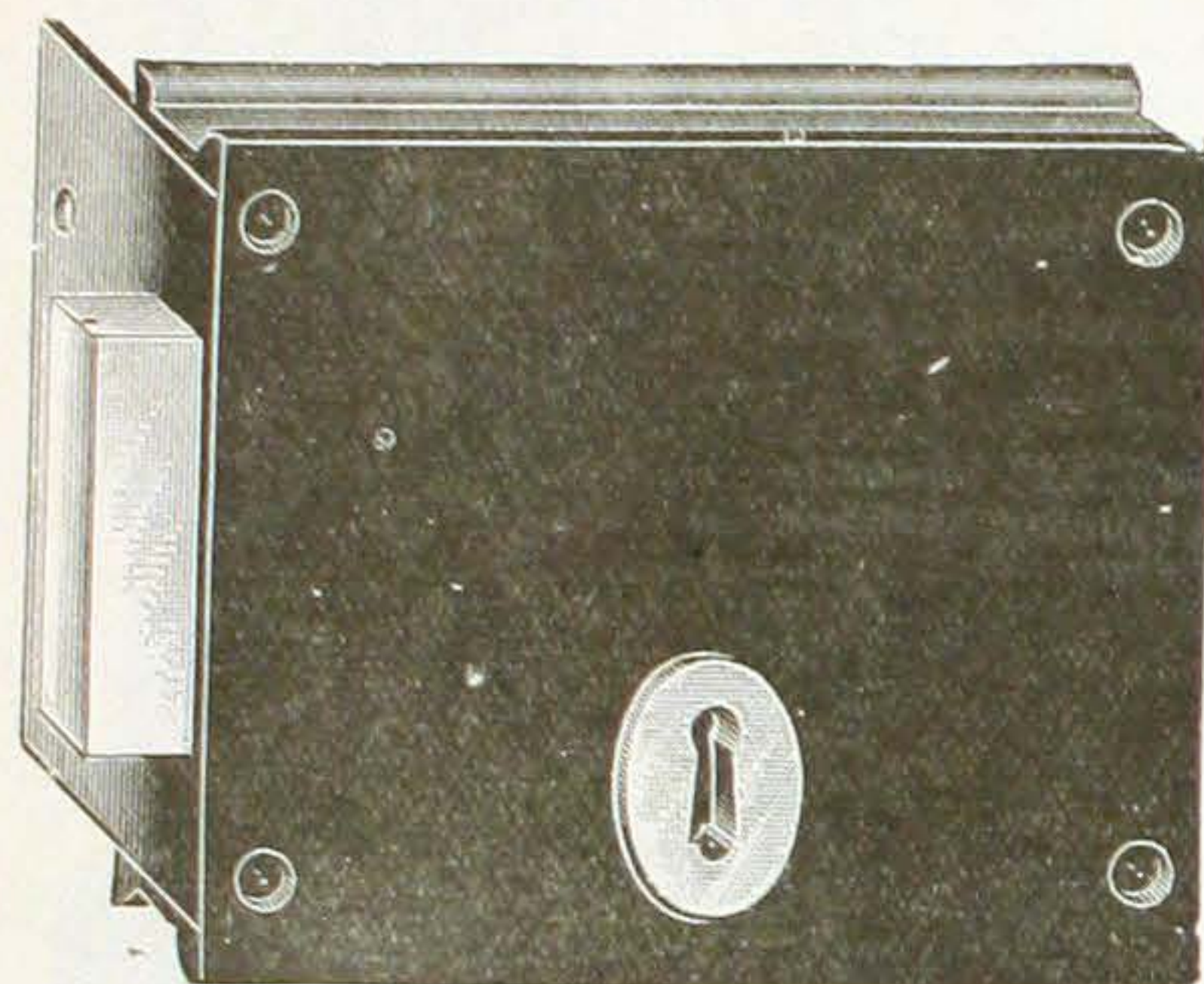
No. PHS 1245 Plain japanned square case, brass bolt, double handed.

4"	5"	6"	7"	8"
45/6	45/6	49/-	61/3	96/3 per dozen
3/10	3/10	4/2	5/2	8/2 each.



No. PHS 1241 Strong steel case, extra strong brass bolt, fine ward, brass bushed.

4"	6"
40/3	40/3 dozen.
3/6	3/6 each



No. PHS 1246 Extra strong and wide iron bolt, fine ward, brass bushed. 6", 52/6 dozen, 4/6 each; 7", 66/6 dozen, 5/9 each; 8", 94/6 dozen, 8/- each.

No. PHS 1244 Strong, all galvanized, brass bushed.

4"	5"	6"
57/9	57/9	61/3 dozen.
5/-	5/-	5/3 each.

No. PHS*1243 Strong japanned case, brass bushed, wrought bolt.

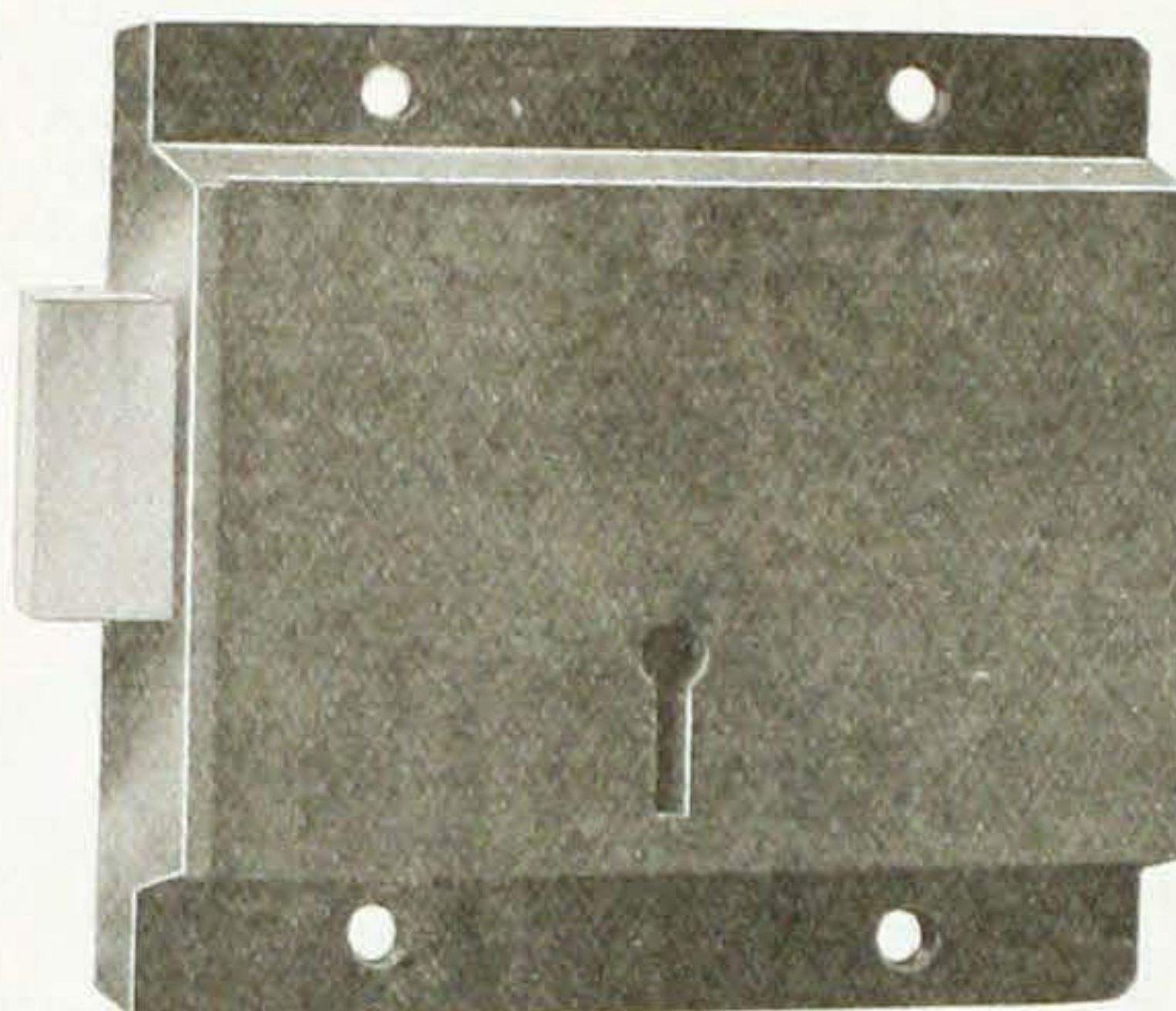
4"	5"	6"	7"	8"
45/6	45/6	49/-	61/3	87/6 dozen.
4/-	4/-	4/3	5/3	7/6 each.

*Stocked only in 6".

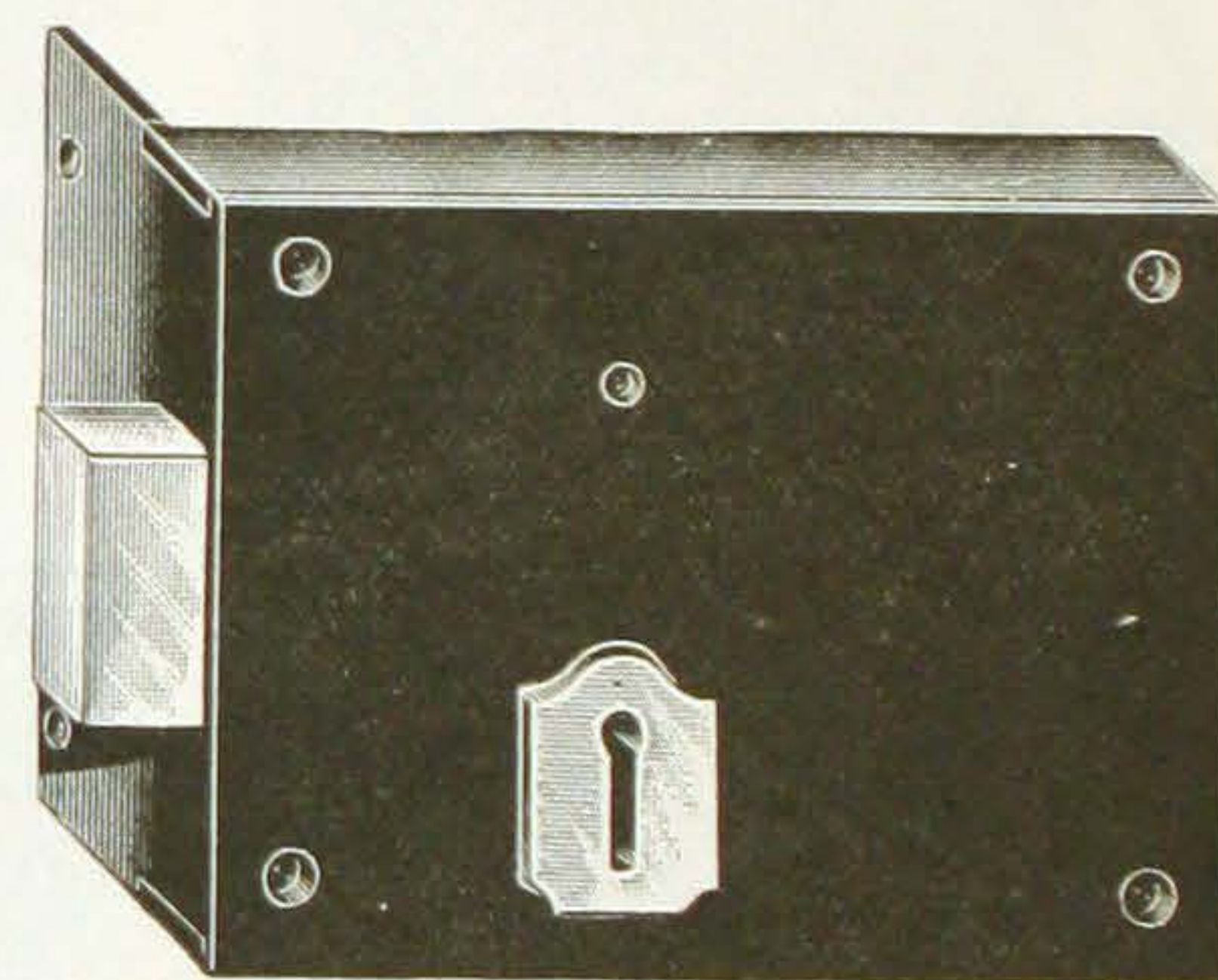
No. PHO 1242 As above, solid brass ward, solid bow key for Government work.

6"	7"	8"
63/-	78/9	105/- dozen.
5/6	6/9	9/- each.

No. PHS 1240 Iron Bolt, brass bushed, 4" and 5", 25/- dozen, 2/3 each; 6", 26/9 dozen, 2/4 each.



No. PHS 1249 4" Berlin Black Cast Case Dead Lock, sash ward, one lever, strong brass bolt, to differ in half dozens, 36/9 dozen, 3/2 each; 5", 38/- dozen, 3/3 each.



No. PHS*1251 Extra strong four lever brass bolt, brass bushed, suitable for stores, warehouses, etc. 4", 5" and 6", 9/9 each. If with solid Bow Keys for Government work (supplied to order only).

4"	5"	6"	7"	8"	9"
10/3	12/9	17/-	22/-		

*Stocked only in 4", 5" and 6".

No. PHS*1250 Two lever, brass bolt, brass bushed, suitable for wine cellars, etc., two keyed. 6", 49/- dozen, 4/3 each; 7", 63/- dozen, 5/6 each; 8", 105/- dozen, 9/- each.

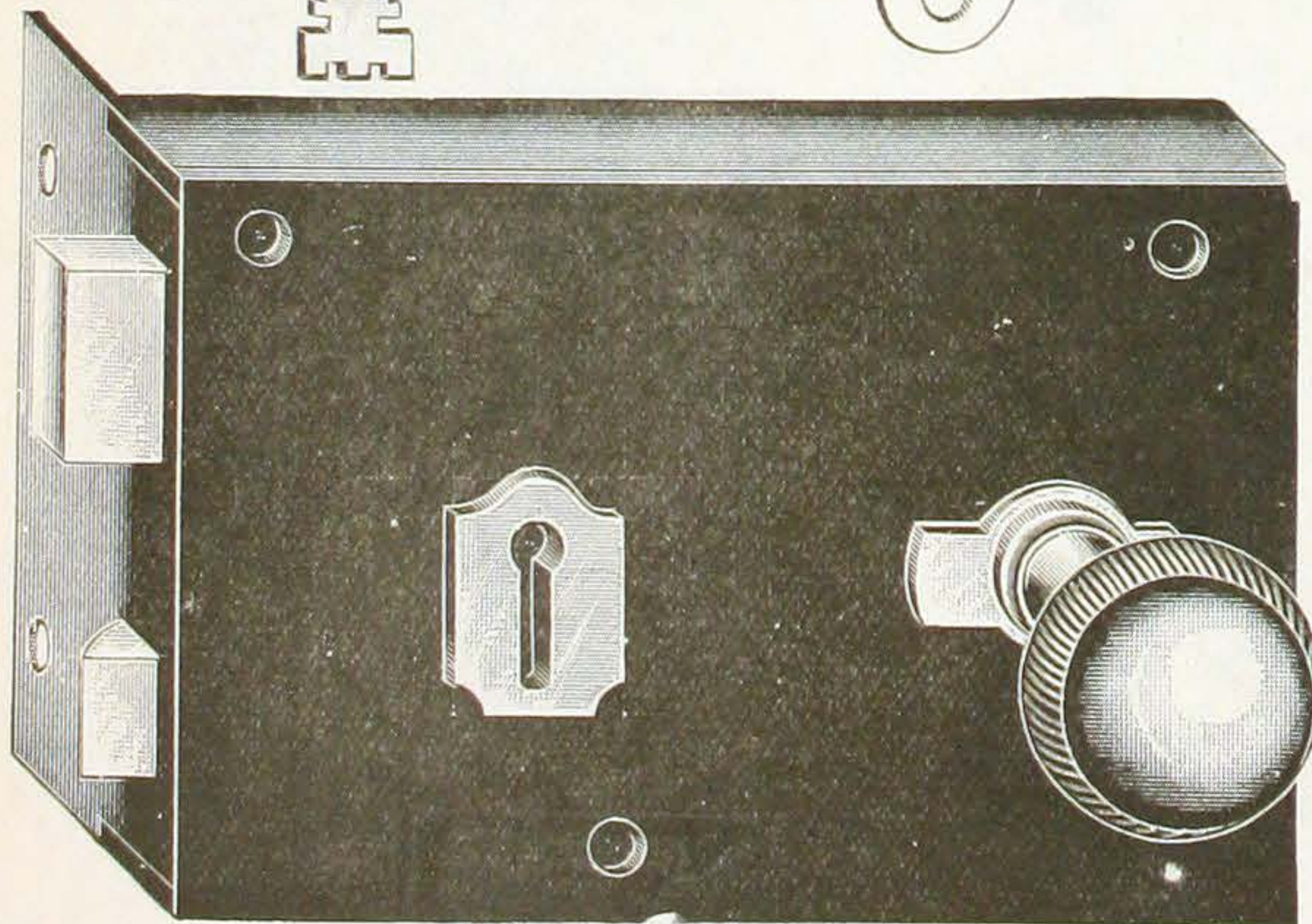
*Stocked only in 6".

No. PHS*1248 Strong solid ward, brass bolt, brass bushed, one key,

6"	7"	8"
63/-	77/-	105/- dozen.
5/6	6/9	9/- each.

*Stocked only in 6".

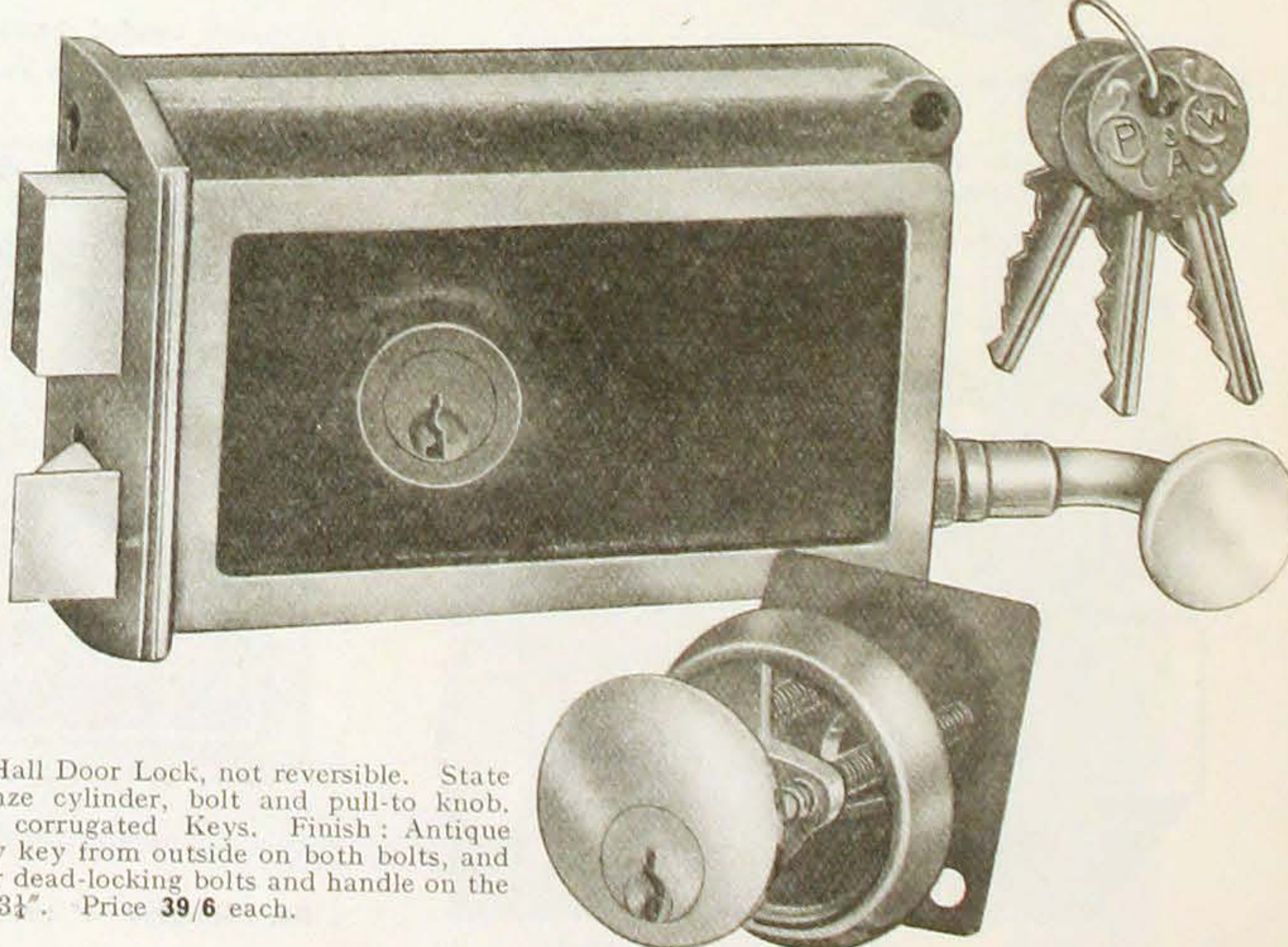
Drawback or Hall Door Locks



No. PHS 1290 Front Door Lock, combining drawback and night latch, japanned case brass bolts, one lever, each half dozen to differ, keys long enough for 2 1/4" doors with escutcheon complete. 6", 101/6 dozen, 8/6 each; 7", 118/2 dozen, 10/- each; 8", 153/2 dozen, 13/- each.

No. PHS 1292 As above but two lever and with back-slide, milled edge knob and to differ in dozens. Same sizes and prices as PHS 1290.

No. PHS 1291 Front Door draw-back Lock, one iron bolt, brass slide, japanned case, bushed, 8" x 4 1/4", 101/6 dozen, 8/6 each; 9" x 5 1/2", 140/- dozen, 11/9 each.



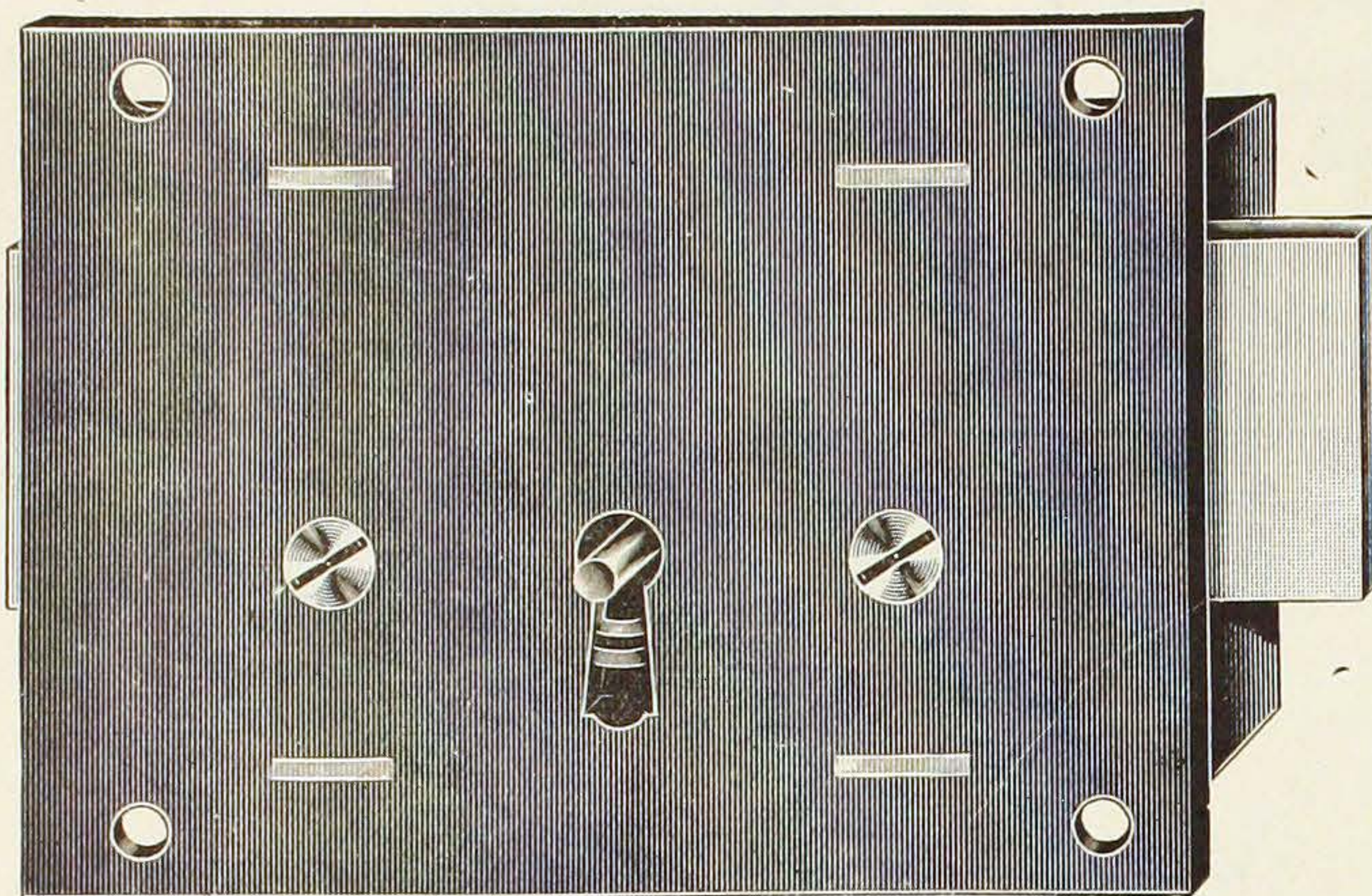
No. PHS 1293 Cylinder Hall Door Lock, not reversible. State hand required. Bronze cylinder, bolt and pull-to knob. Three Nickel Silver corrugated Keys. Finish: Antique Copper. Operated by key from outside on both bolts, and from inside by key for dead-locking bolts and handle on the latch bolt. Size 5" x 3 1/4". Price 39/6 each.

"B" Basis.

PHS—Stock Line ; PHO—To order only.

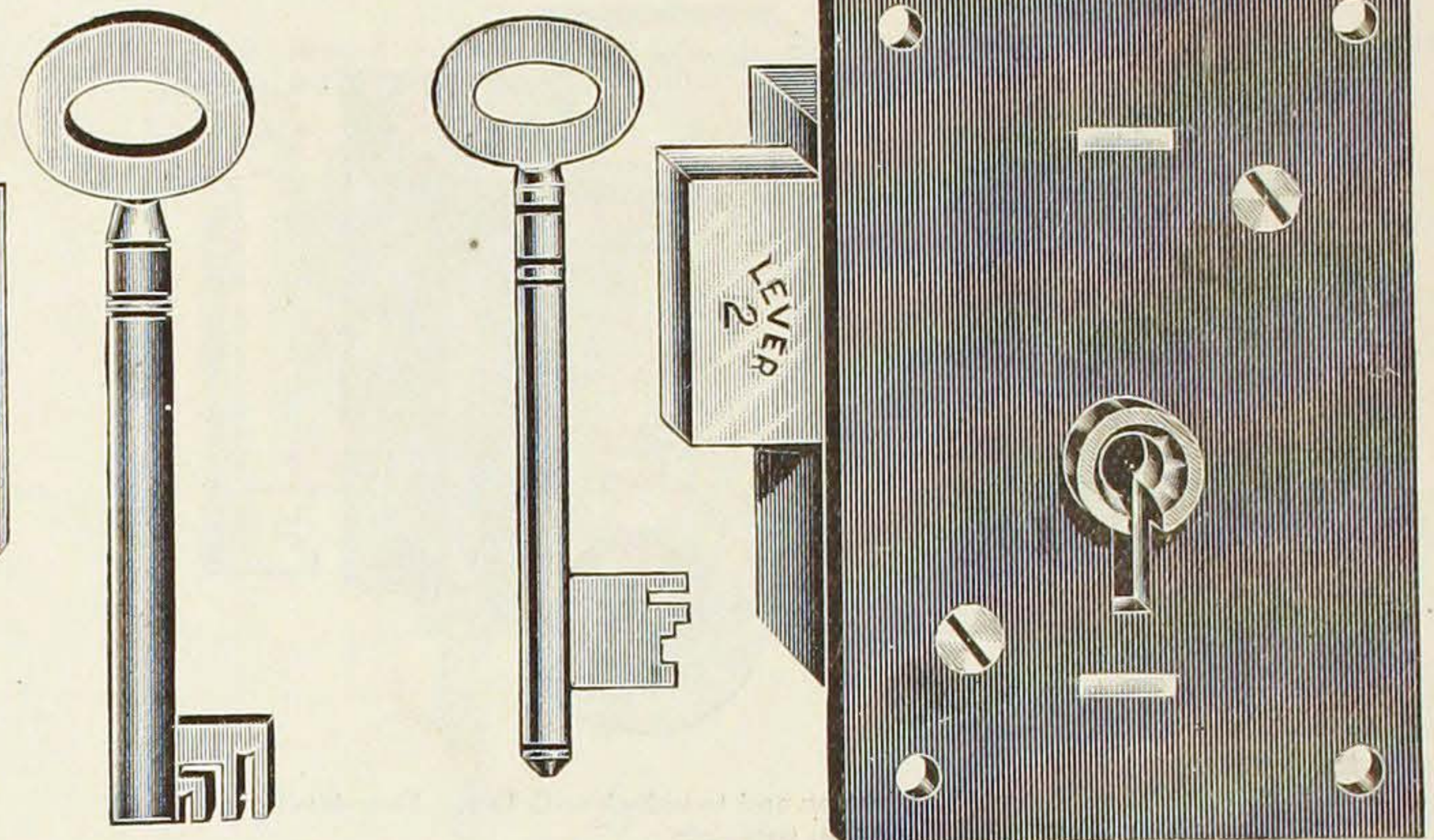
Best Quality Locks

STRONG HAND-MADE PRESS LOCK.



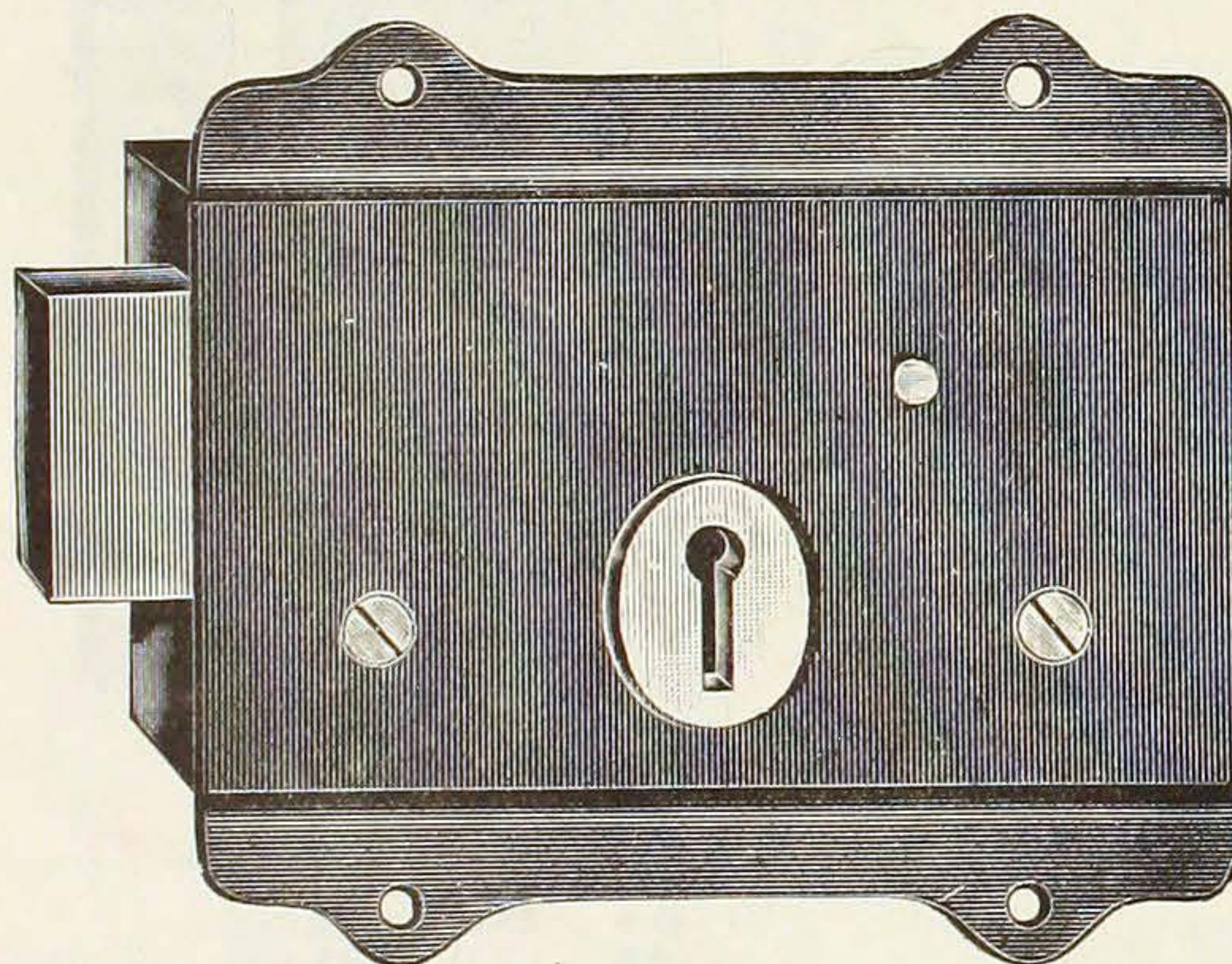
No. PHS 6058 Size 5"
Japanned. 3-Wheel, Piped Key. Rivetted Cap.
17/6 dozen. 1/8 each

CUPBOARD LOCKS.



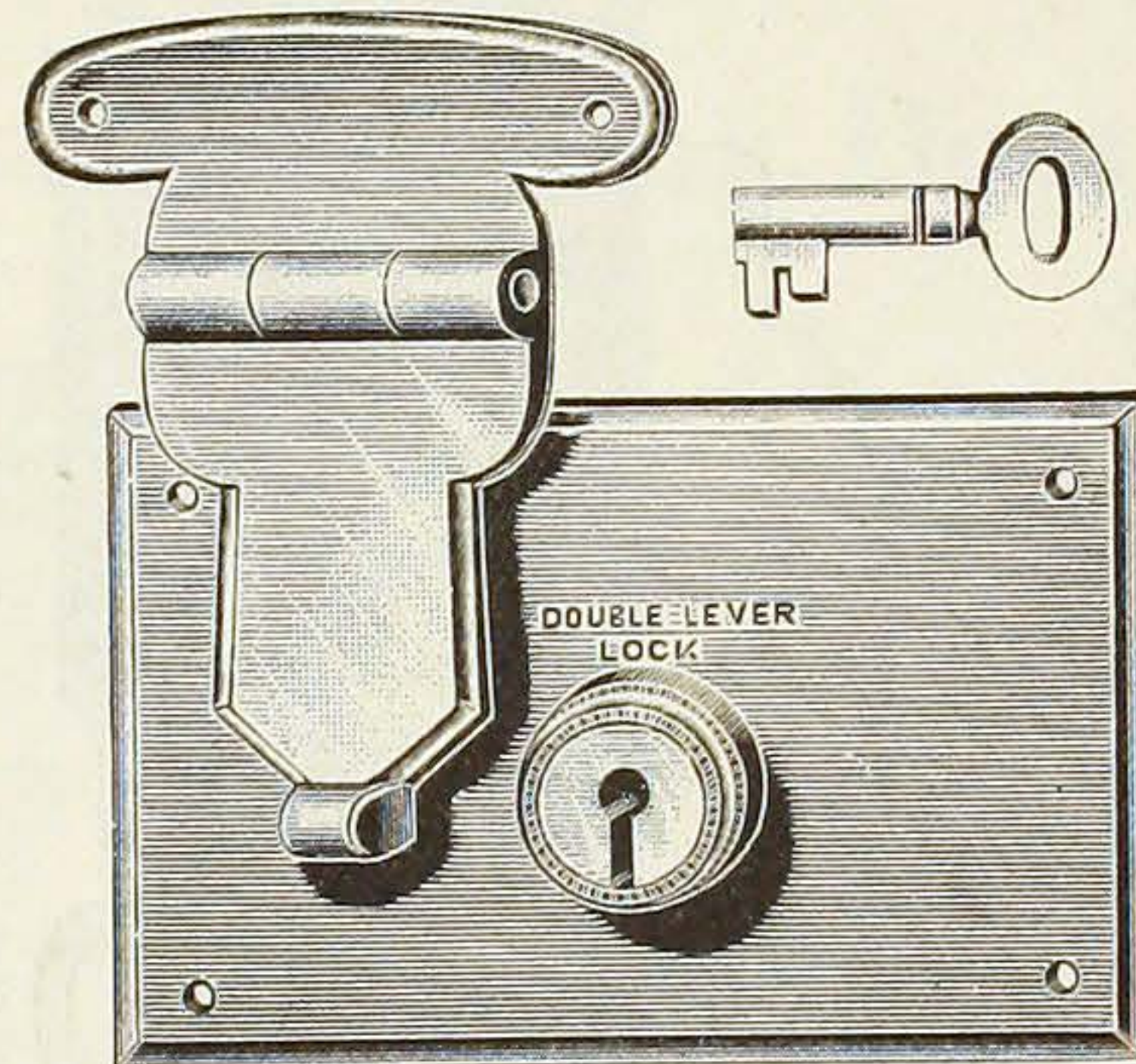
No. PHS 6059
Two-lever, Brass Bolt, Lever at back, long shoot, Pin Keys, cup bushed, screwed cap.
Sizes: 3" x 2" (bolt 1" wide), 3 1/2" x 2 1/2", 4" x 2 1/2", (Bolt 1 1/2" wide).
24/6 per dozen. 2/3 each.

STAMPED STEEL CASE PRESS LOCKS.



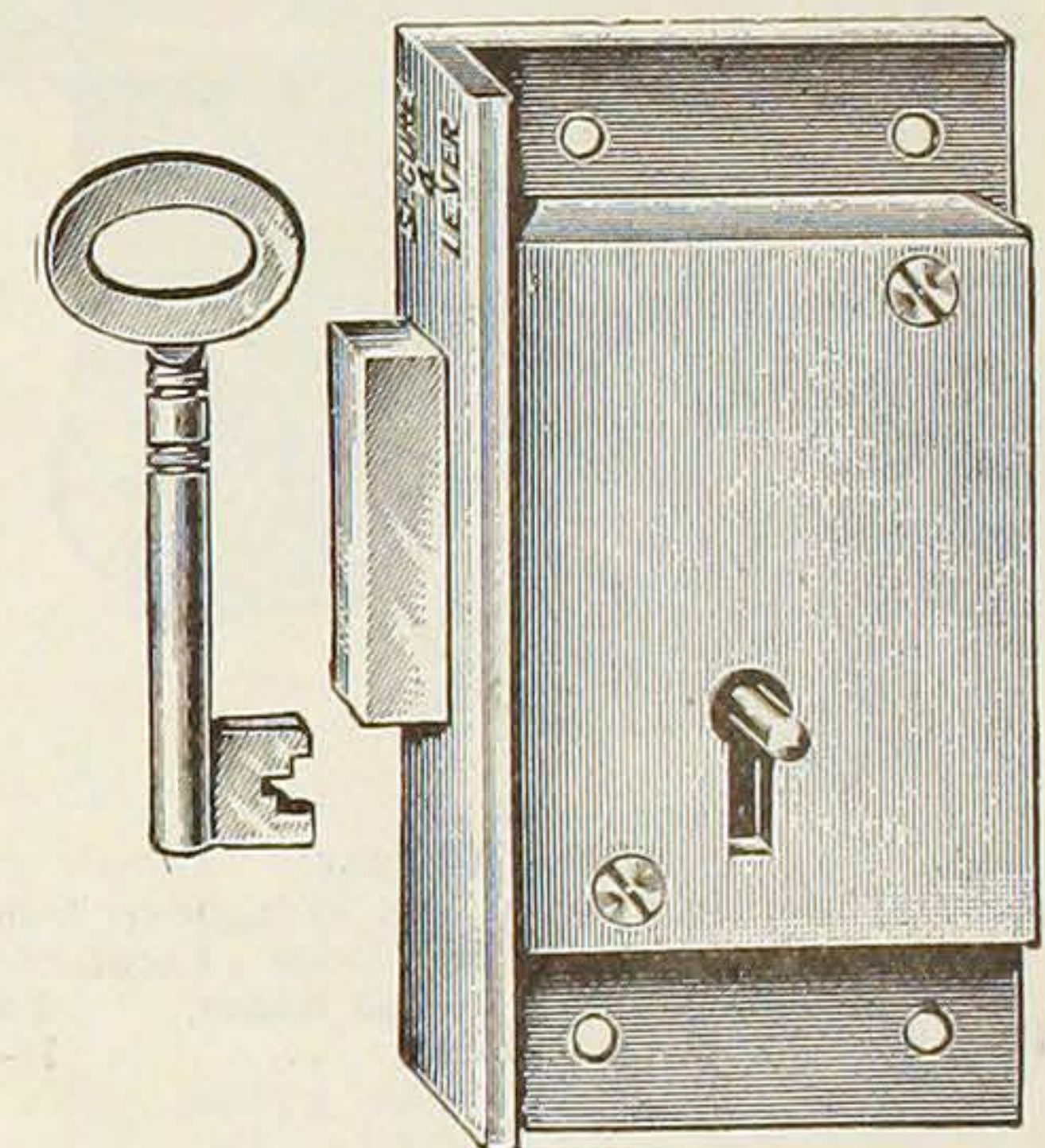
No. PHS 6044
Japanned. Sash Ward, Pinned Key. Brass Bushed.
31/6 dozen, 2/9 each.

BRASS TRUNK LOCKS.



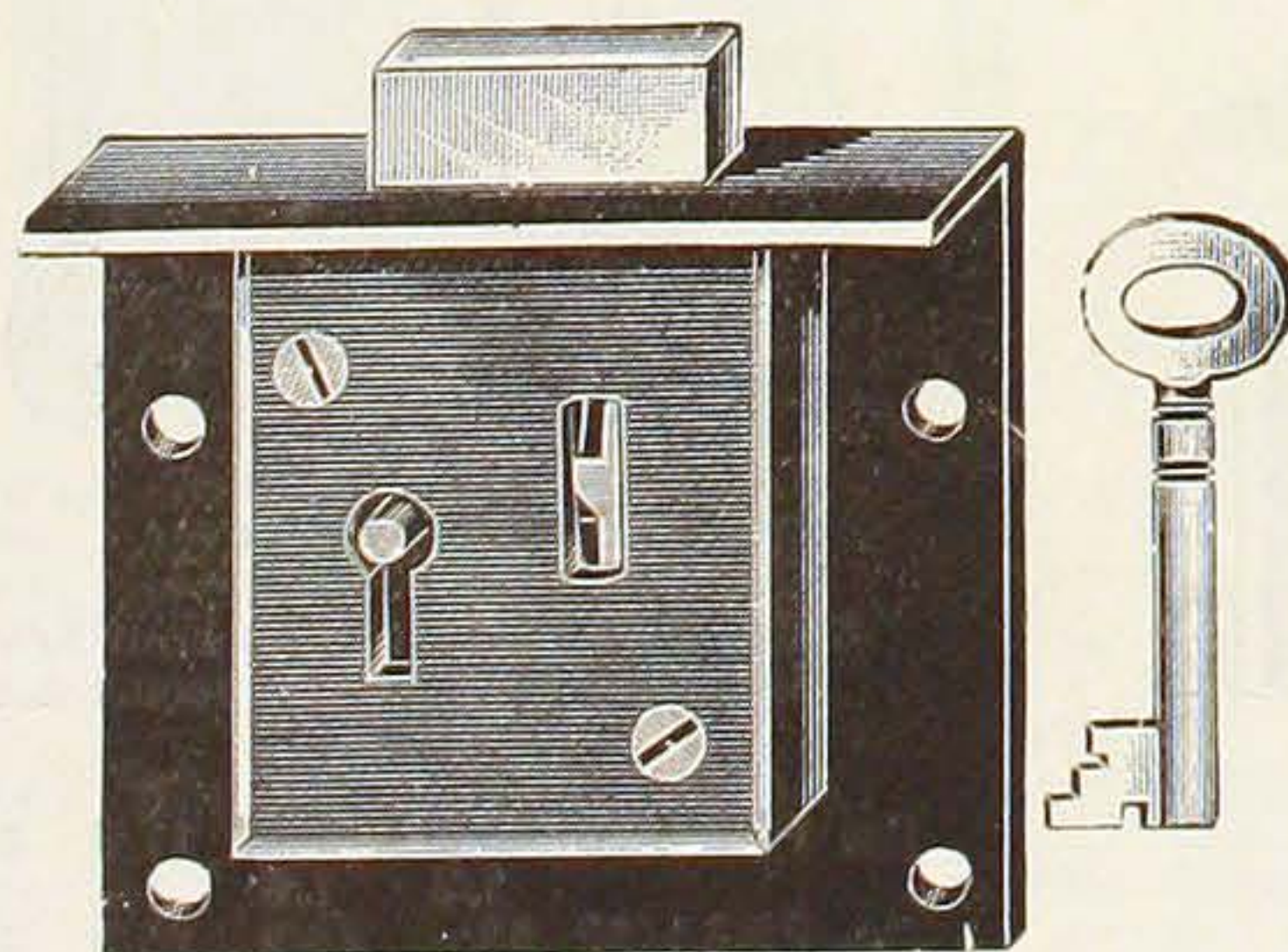
- No. PHS 6065 N.P. Brass, Patent Lever, Slide Nozzle. Stamped Spring Hasp. Plate flanged all round.
Size 3" x 1 1/2" .. 58/9 dozen pairs, 5/- pair.
Size 3" x 2" .. 59/6 " " 5/1 "
- No. PHS 6066 As above but Cast Spring Hasp. Sloping flanged plate.
Size 3" x 1 1/2" .. 77/- dozen pairs, 6/7 pair.
Size 3" x 2" .. 89/3 " " 7/8 "
- No. PHS 6067 As above but stronger.
Size 3" x 1 1/2" .. 85/9 dozen pairs, 7/3 pair.
Size 3" x 2" .. 99/- " " 8/6 "
- No. PHQ 6068 Two-Lever, Slide Nozzle, all cast, screwed back. Square top. Sloping flanged plate. Cast Spring Hasp. N.P.
Size 2 1/2" x 1 1/2" .. 112/- dozen pairs, 9/6 pair.
Size 3" x 1 1/2" .. 115/6 " " 9/10 "
- No. PHQ 6069 As above. Very strong.
Size 2 1/2" x 1 1/2" .. 17/6 pair.
Size 3" x 2" .. 19/3 " " 22/4 "

CUPBOARD LOCKS.



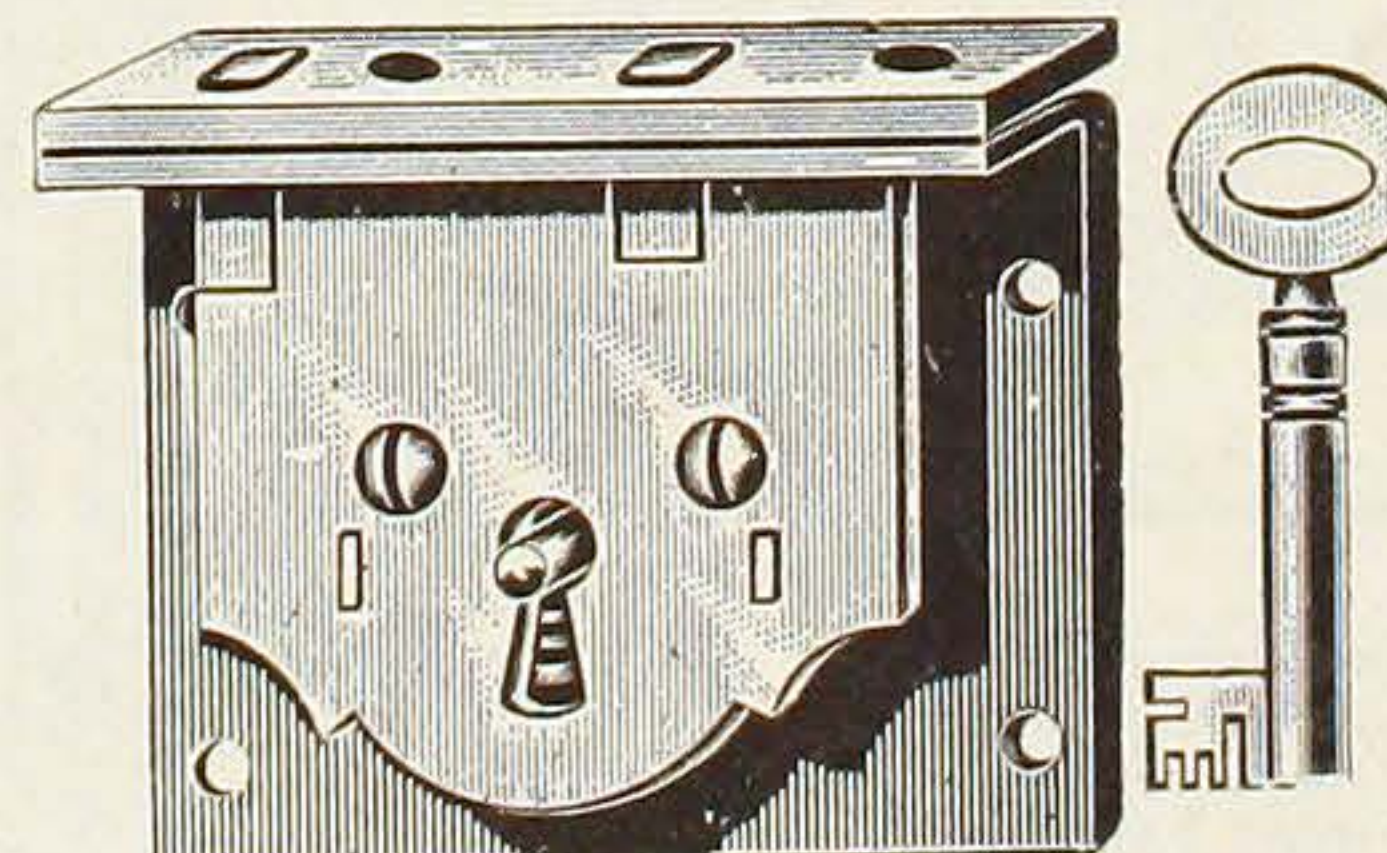
No. PHS 6049
Cast Brass Cap Cut Cupboard Lock, 2-Lever.
Size 1 1/2" & 2" 2 1/2" 3" 3 1/2"
Dozen 34/9 36/2 44/- 54/6
Each 3/- 3/2 3/10 4/8

IRON TILL OR DRAWER LOCKS.



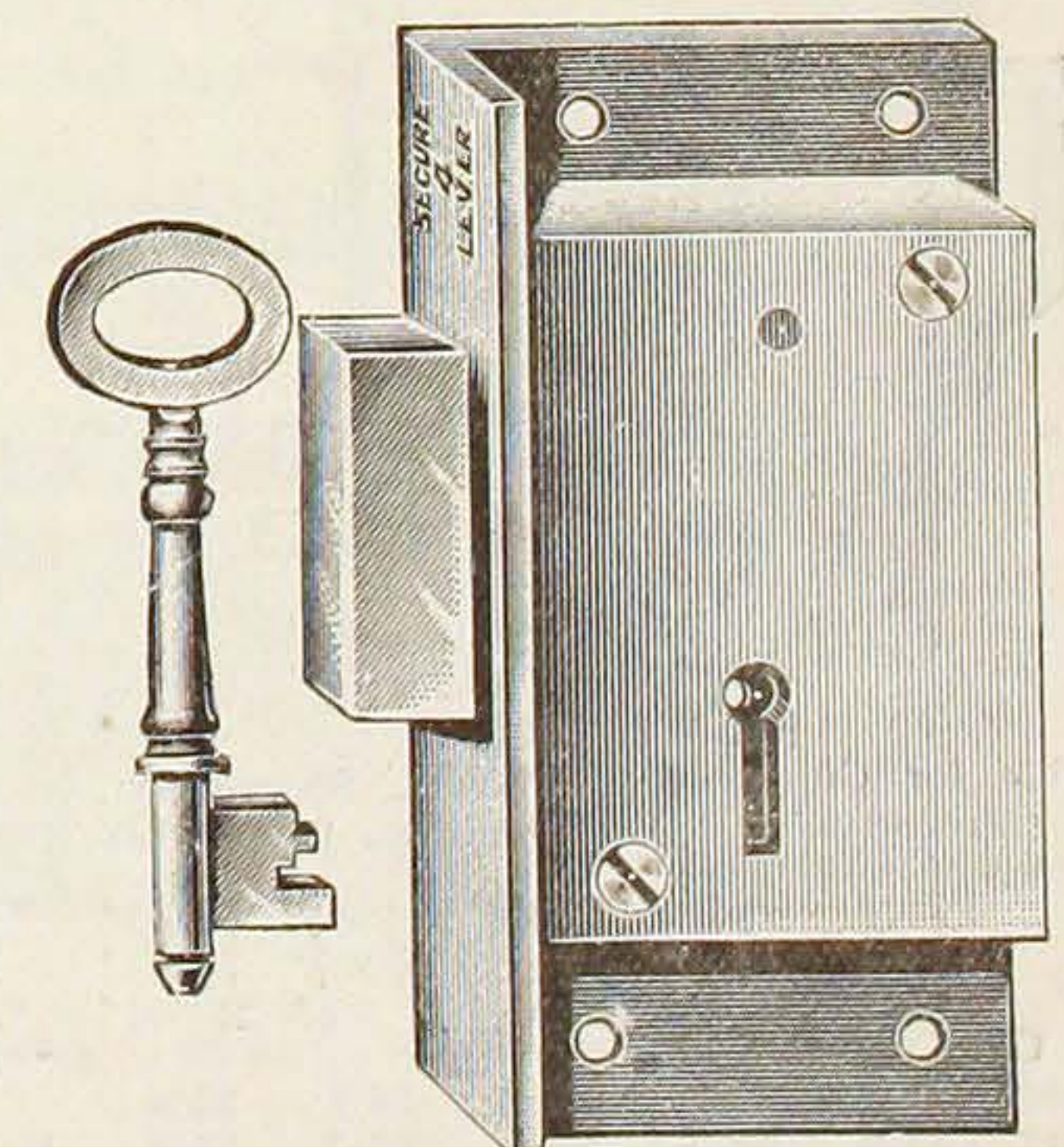
No. PHS 1407 Strong Tumbler.
2 1/2", 2 3/4" and 3" .. 17/6 dozen, 1/7 each.
No. PHS 1408 Stronger Pattern.
2 1/2", 2 3/4" and 3" .. 22/- dozen, 2/- each.
No. PHS 1409 One-Lever, Brass Bolt.
Japanned.
2 1/2", 2 3/4" and 3" .. 22/- dozen, 2/- each.

IRON CHEST LOCKS.



- No. PHS 1410 Strong Tumbler, double link.
Sizes 2 1/2", 3", 3 1/2" and 4" .. 17/6 dozen, 1/8 each.
No. PHQ 1411 Stronger, ditto .. 21/- " 1/11 "
No. PHQ 1412 Extra Strong ditto. .. 24/6 " 2/3 "
No. PHS 1413 Superior quality .. 39/6 " 3/6 "
No. PHS 1414 Tool Chest, to spring.
Sizes 2 1/2", 3", 3 1/2" and 4" .. 29/- " 2/7 "
No. PHQ 1415 Ditto, extra strong .. 50/- " 4/4 "
*To differ in dozens .. 1/9 dozen extra.
*To differ in quantities .. 5/3 " "
*Master Keys .. 1/9 each extra.

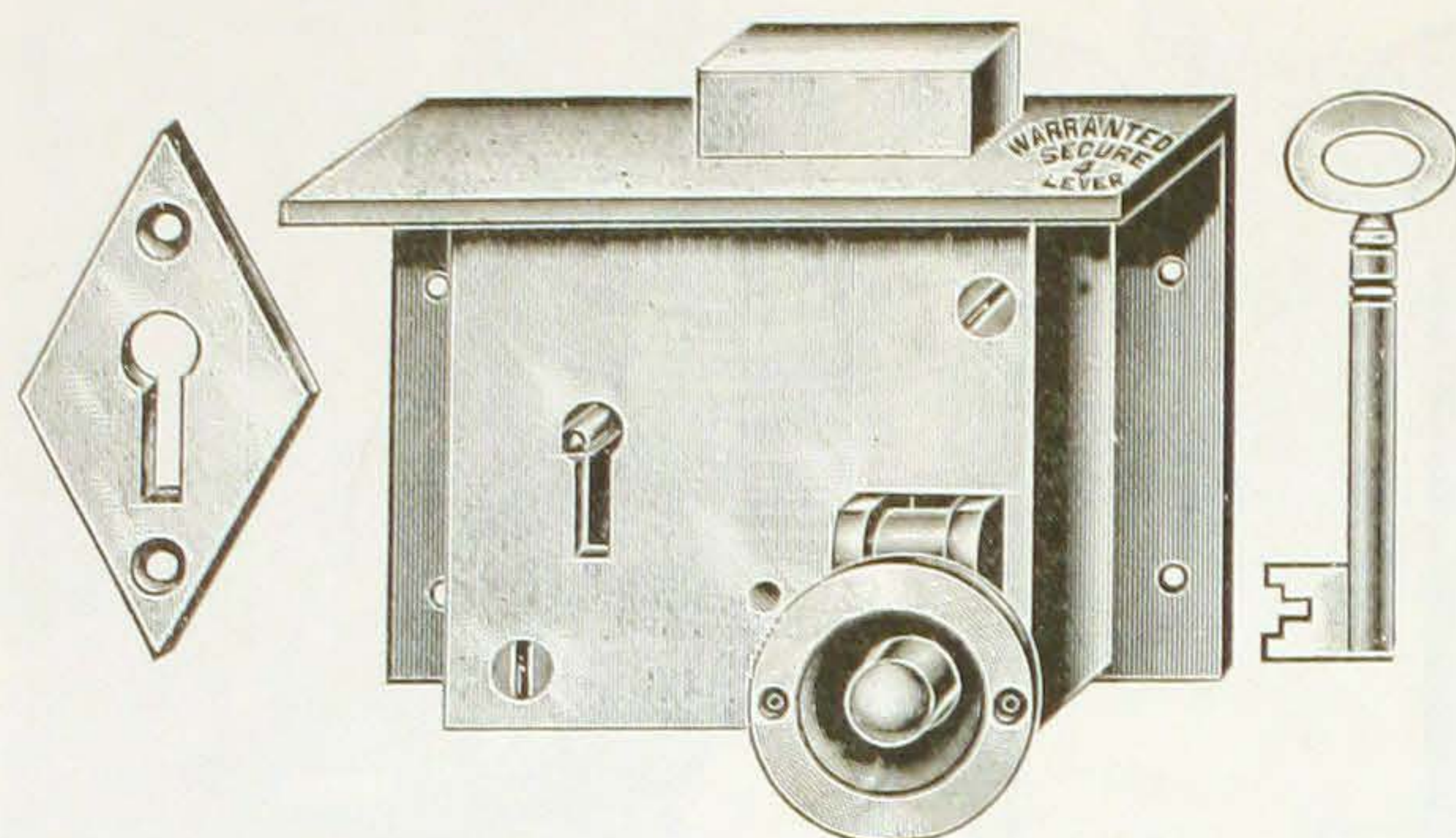
CUPBOARD LOCKS.



No. PHS 8289
Brass, Best Quality, Pin Keyed, 2-Lever, Cupboard Lock.
Size .. 1 1/2" & 2" 2 1/2" 3" 3 1/2"
Dozen 42/9 44/- 51/9 62/3 dozen,
3/8 3/10 4/5 5/4 each.

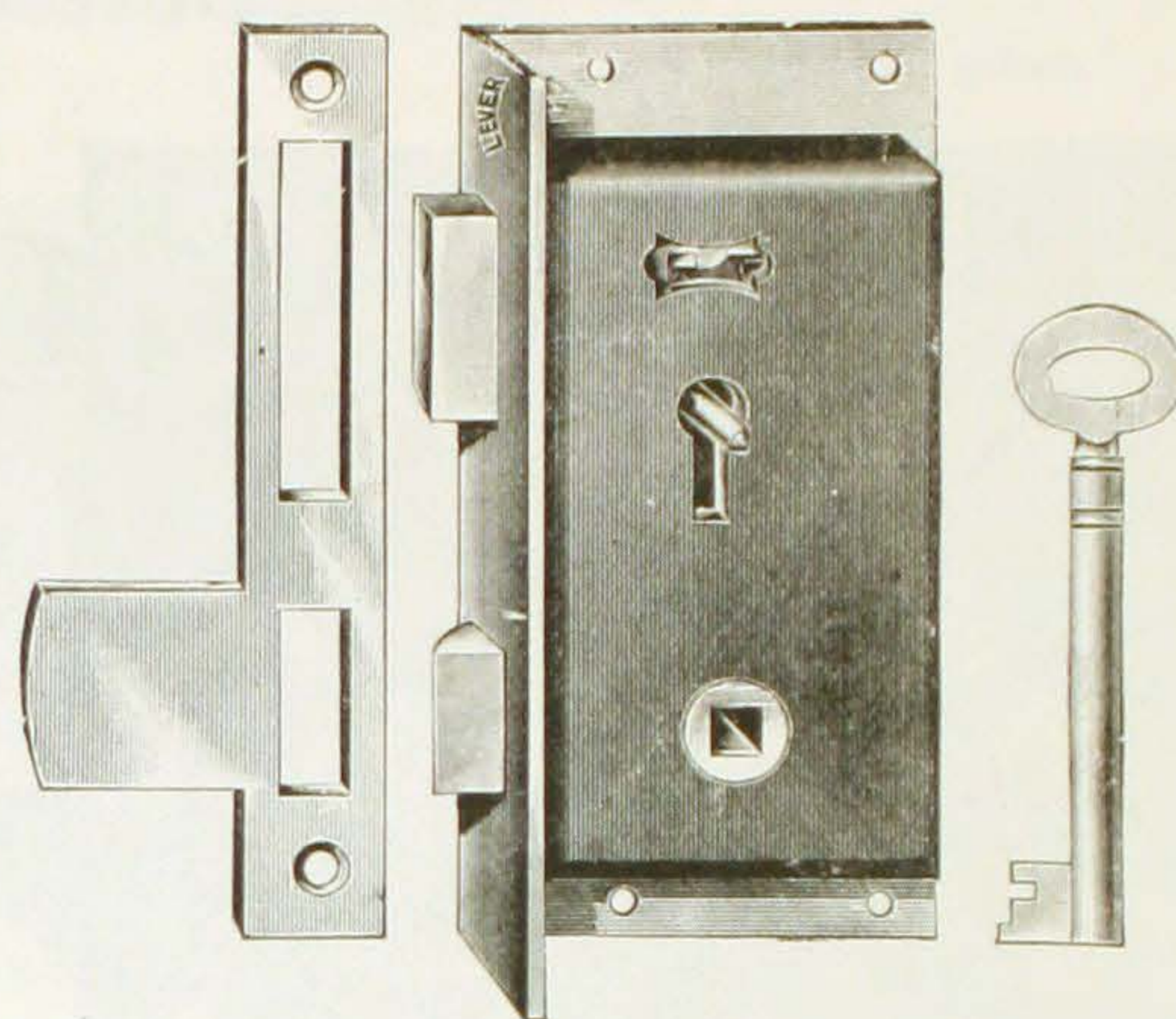
Best Quality Cabinet Locks

BANKER'S DRAWER LOCK.



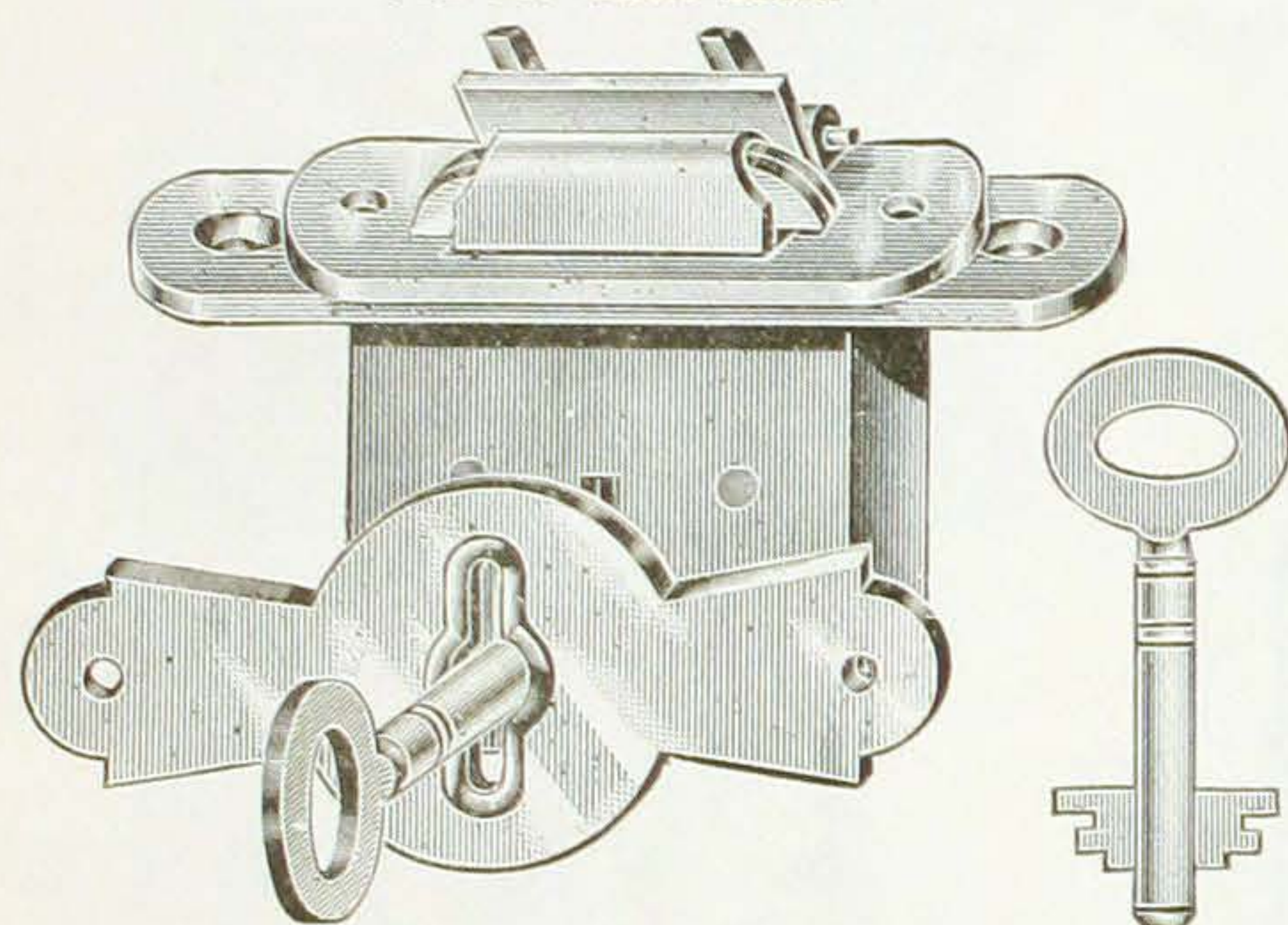
No. PHQ 8294
Best quality. To lock by pressing button and to unlock with key. Four-lever.
Size 2 1/4" 14/- each, complete.

WARDROBE LOCK.



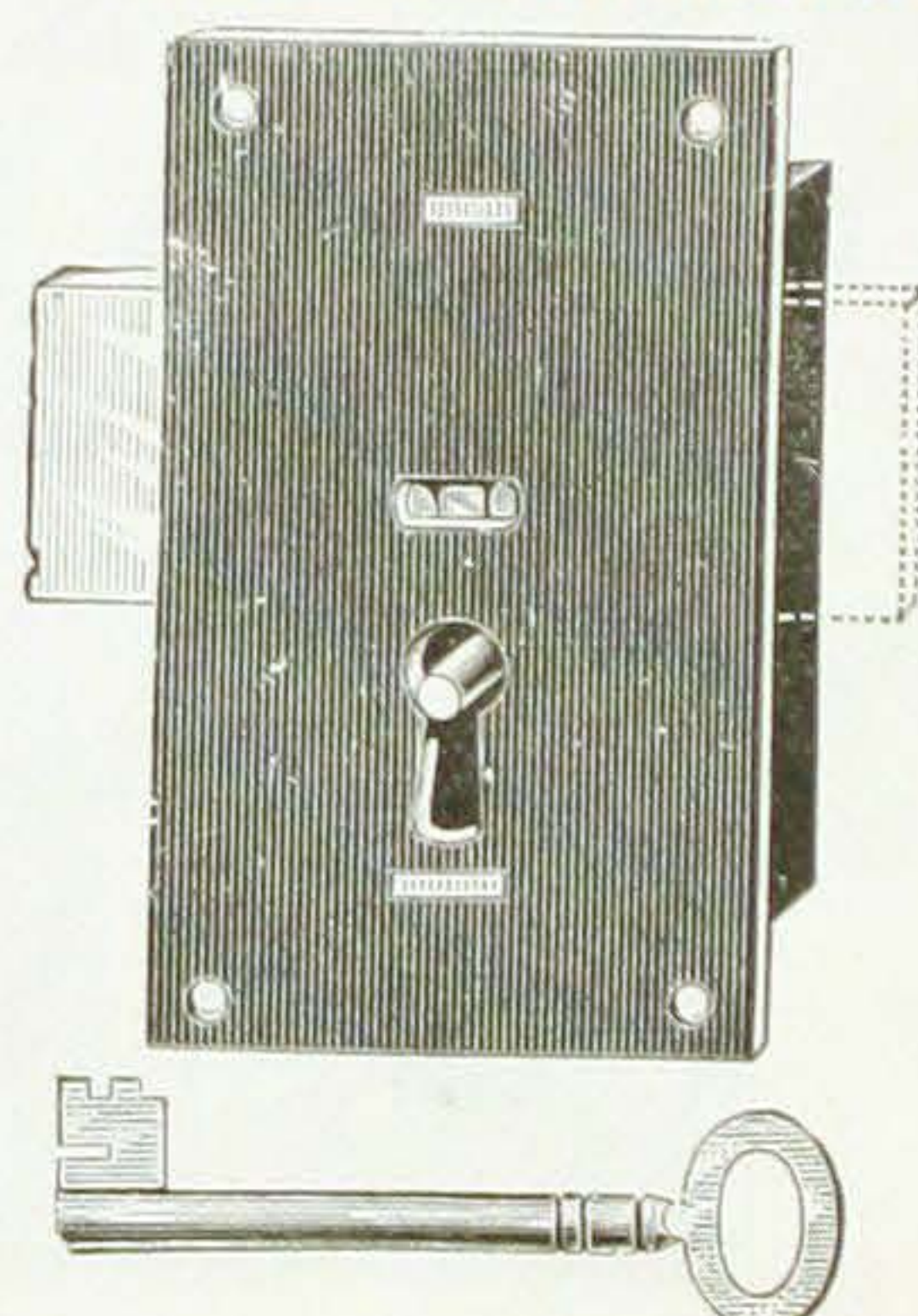
No. PHQ 8295
Two lever, all Brass, 7/8" to pin. 1 1/4" centre to centre. Screwed caps.
Very strong. Size 3 1/4" 63/- per dozen, 5/6 each.
This Lock can also be supplied, made the following distances to pin:
1" 3/6 1 1/4" 7/- 1 1/2" 12/3 1 3/4" to pin. 19/3 dozen extra.

ROLL TOP DESK LOCK.



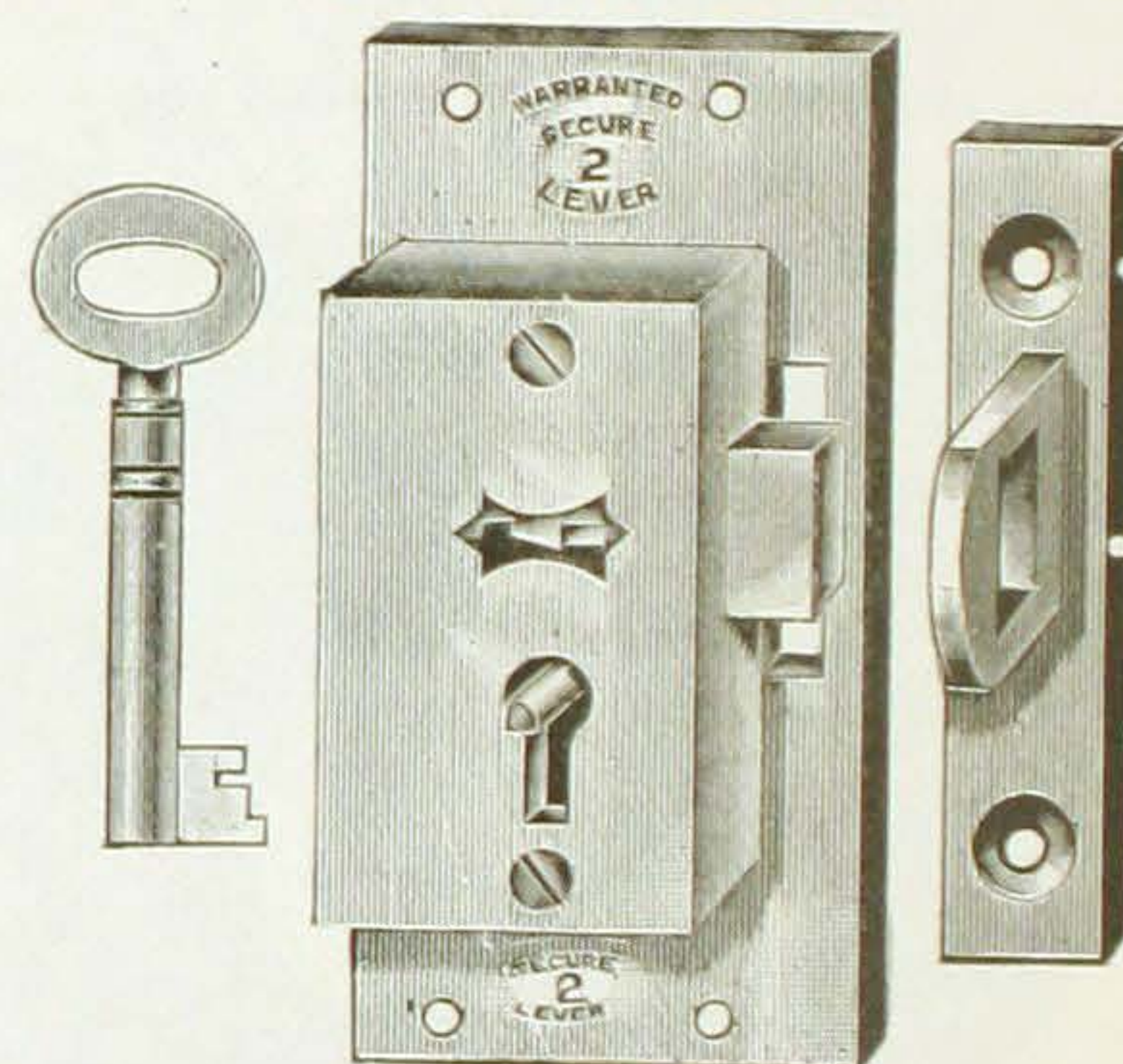
No. PHQ 8296
Brass Faceplate, Iron body and bolt, four Iron Levers, with Spring Locking Plate, Brass Escutcheon. Two N.P. Keys to each. Size 3 1/4" 40/3 dozen, 3/6 each.
No. PHQ 8297 Ditto, all Brass .. 7/- each.

DOUBLE-HAND IRON CUPBOARD LOCKS.



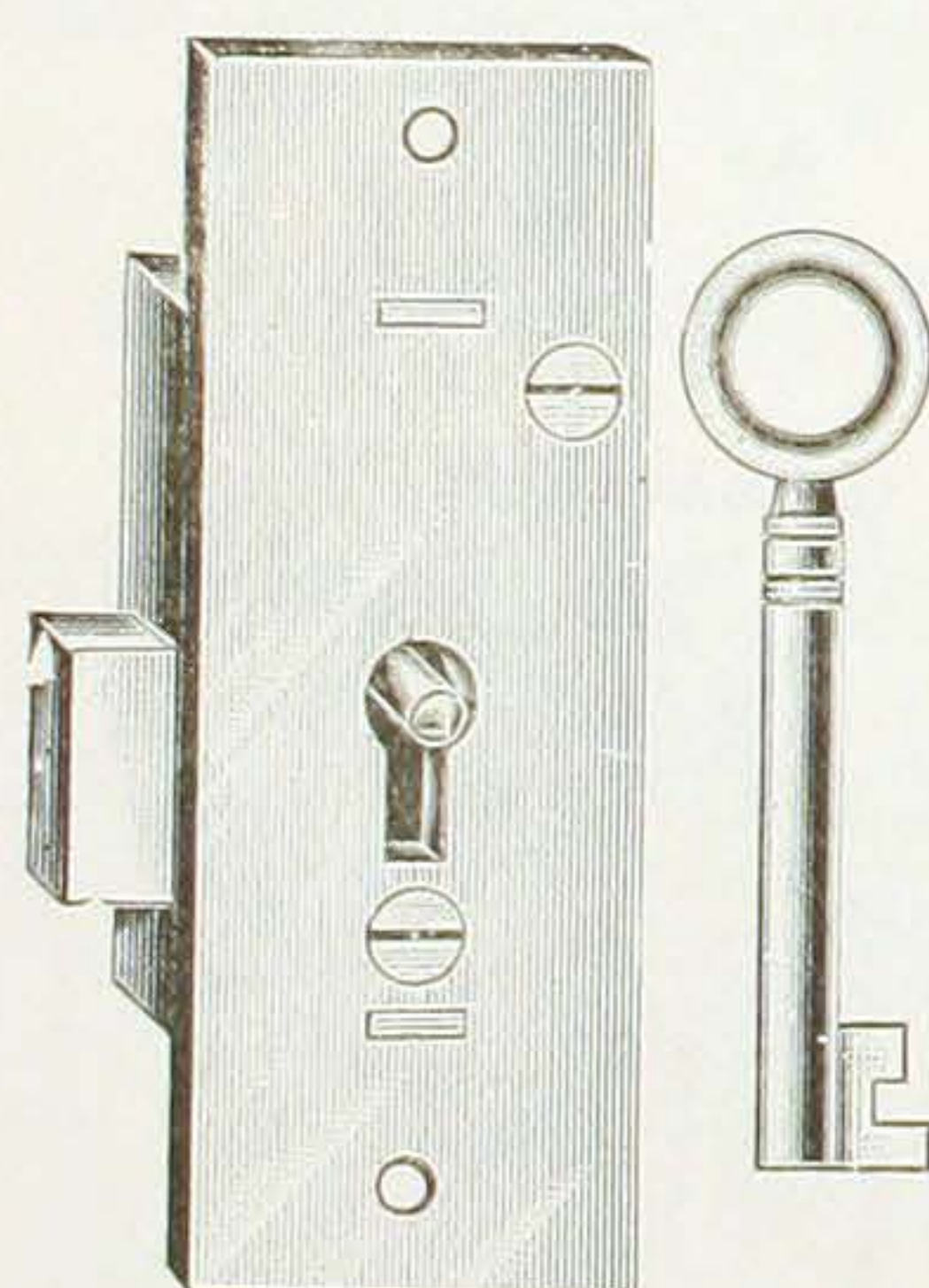
No. PHS 1400 Japanned, One Wheel, Sham Lever.
Sizes 2 1/4", 3", 3 1/2" and 4" 10/3 dozen, 1/- each.
No. PHS 1402 Japanned, good, Three Brass Wheels and Hook ward. Screwed cap.
Sizes 2 1/4", 3", 3 1/2" and 4" 17/6 dozen, 1/8 each.
No. PHS 1404 Japanned, Ditto, ditto. Brass Bolt.
Sizes 2 1/4", 3", 3 1/2" and 4" 23/6 dozen, 2/2 each.
No. PHQ 5941 Japanned, one Wheel, Brass Bolt, Rivetted. Brass bush, pinned Lever Key.
Sizes 2 1/4", 3", 3 1/2" and 4" 19/3 dozen, 1/9 each.

BRASS CUPBOARD LOCK.



No. PHS 8298
Link Plate Cupboard Lock. Double hand.
Size .. 2" 43/9 2 1/4" 45/6 3" 47/3 dozen, 3/9 3/11 4/2 each.

CABINET LOCKS.

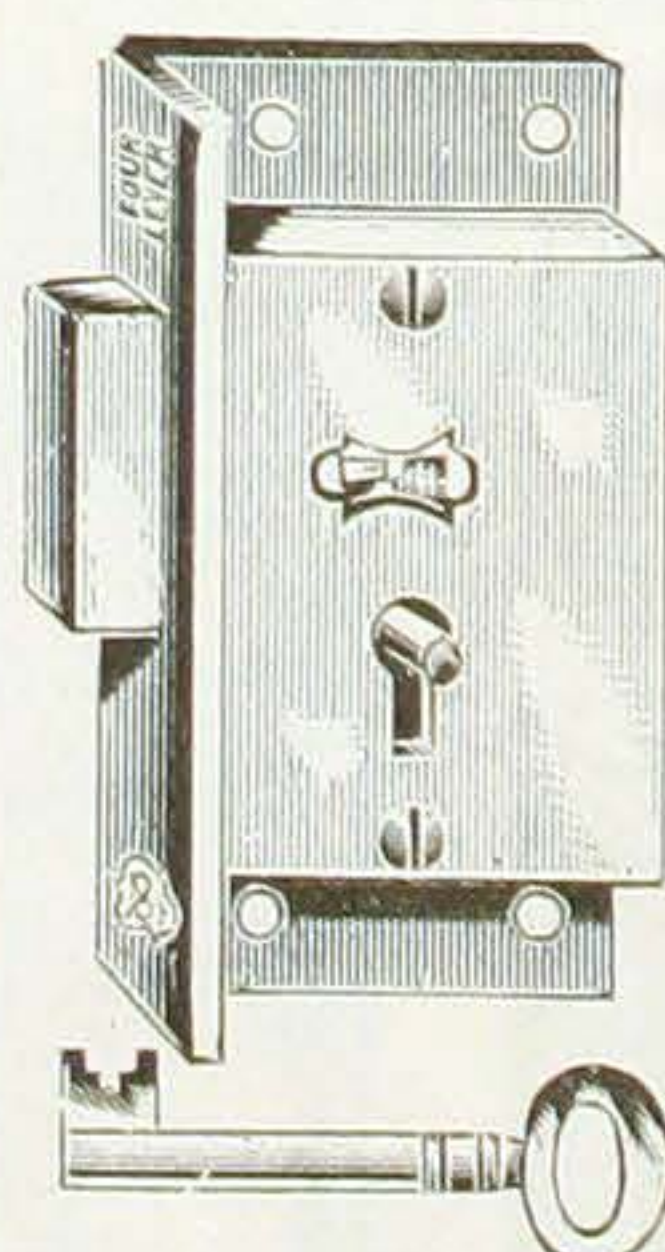


No. PHQ 6032
Suitable for Cupboards, Cabinets, Show-cases, Book-cases, etc., with narrow stiles, made only in sizes where priced.

	1 1/4" x 1 1/4"	1 1/4" x 1 1/2"	1 1/4" x 1 3/4"	1 1/4" x 2"	1 1/4" x 2 1/4"
Brass Cut Cupboard or Till.					
1-Lever	29/9	28/-	26/3	24/6	22/9
2-Lever	31/6	29/9	28/-	26/3	24/6
Mortise Cupboard.					
1-Lever	30/8	29/-	27/2	25/6	23/8
2-Lever	32/6	30/8	29/-	27/3	25/6
Double Hand Cupboard					
1-Lever	31/6	29/-	27/2	27/3	27/2
2-Lever	33/3	30/8	29/9	29/9	29/9
Brass Box.					
1-Lever	—	35/-	32/6	30/8	29/-
2-Lever	—	36/9	34/3	32/6	30/8

per dozen.

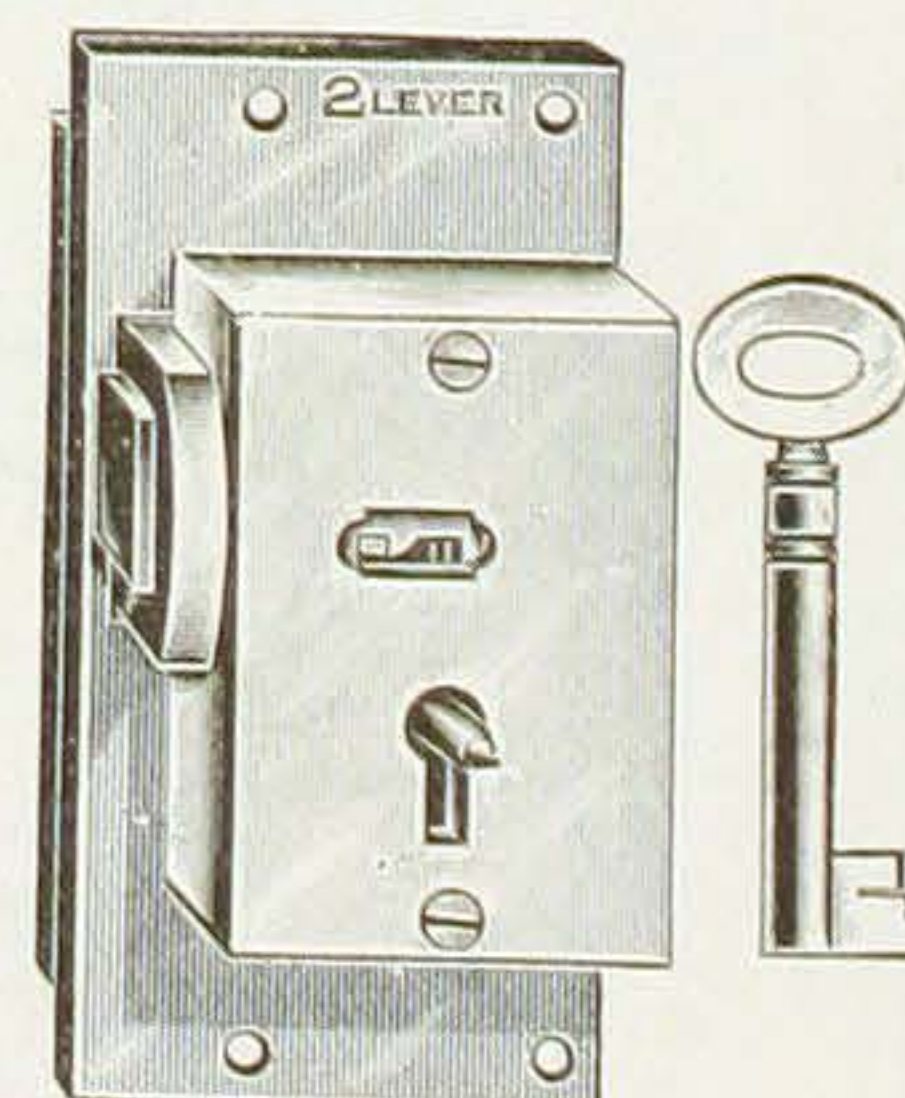
BRASS CUT CUPBOARD LOCKS.



No. PHS 1435 One-Lever, Iron Cap.
No. PHS 1436 One-Lever, Brass Cap.
***No. PHS 1437** Two-Lever.
****No. PHS 1438** Strong Four-Lever.
Size .. 2" 7/- 2 1/4" 7/6 3" 8/- 3 1/2" 8d.
No. PHS 1435 7/- 7/6 8/- 8d. dozen.
No. PHS 1436 17/6 17/6 18/6 18/6 each.
No. PHS 1437 1/7 1/7 1/8 1/8 dozen.
No. PHS 1438 30/8 30/8 32/6 39/6 dozen.
2/8 2/8 2/10 3/6 each.
56/- 57/- 57/9 64/9 dozen.
4/10 4/11 5/- 5/7 each.

*To differ in dozens .. 1/9 dozen extra.
To differ and Master Keyed 15/9
Master Keys .. 1/9 each extra.

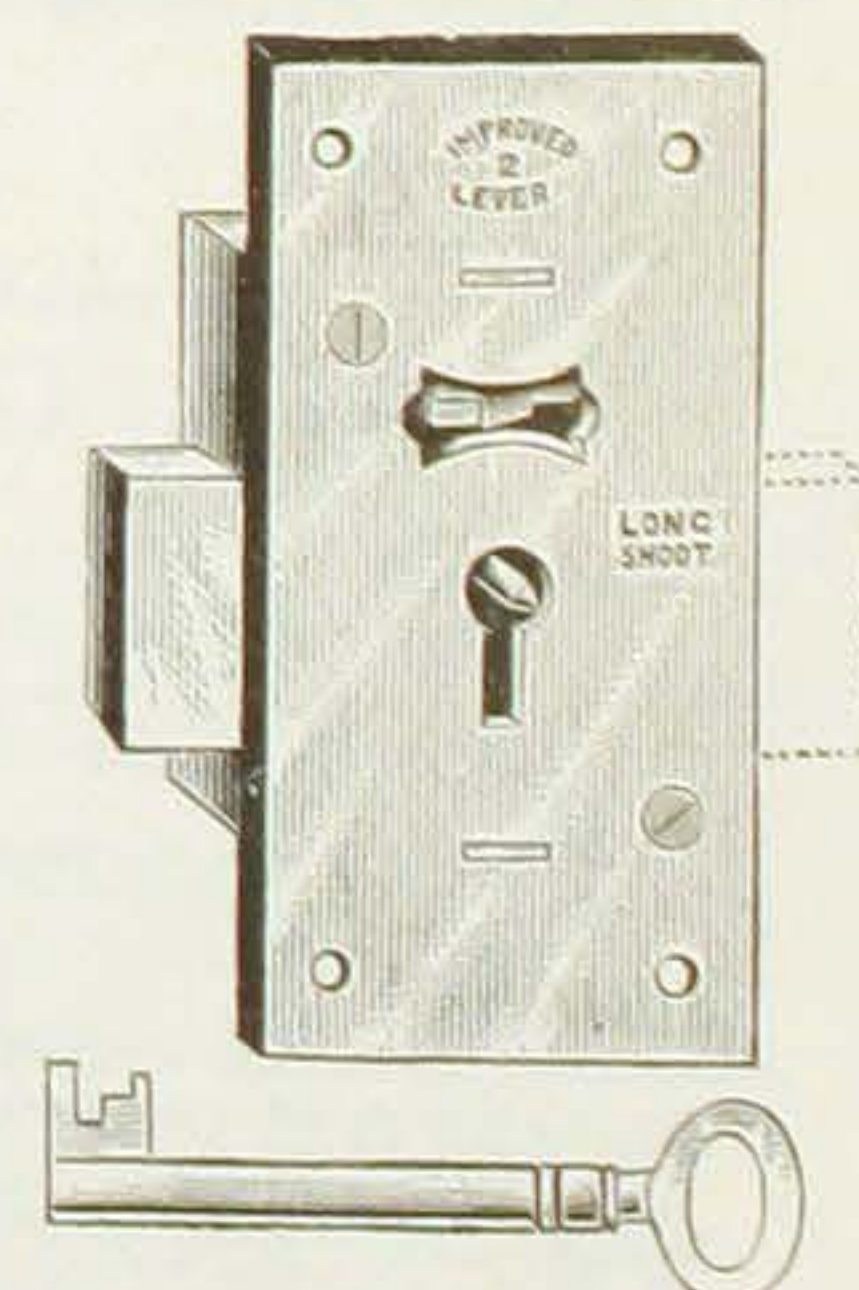
BRASS LINK-PLATE CUPBOARD LOCKS.



***No. PHS 6567** Two-Lever.
****No. PHS 6568** Four-Lever.
Size .. 2" 50/- 2 1/4" 50/9 3" 51/9 dozen.
No. PHS 6567 4/4 4/5 4/6 each.
No. PHS 6568 71/- 71/- 71/9 dozen.
6/1 6/1 6/2 each.

**To differ only (up to 72) no extra.
To Differ and Master Keyed, 15/9 doz. extra.
Master Keys, 1/9 each extra.

BRASS DOUBLE-HAND CUPBOARD LOCKS.



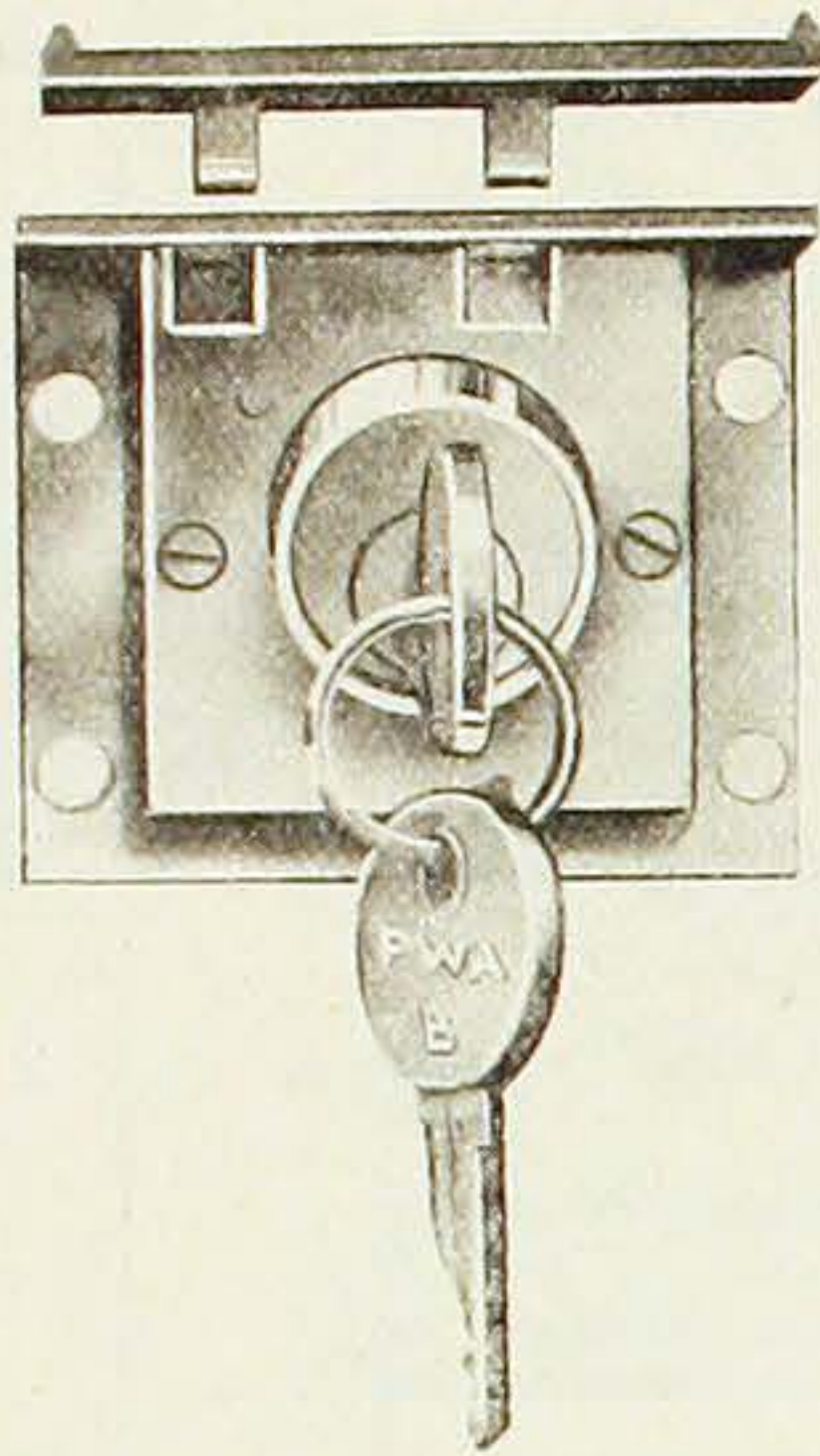
No. PHS 1428 Tumbler.
No. PHS 1429 One-Lever.
***No. PHS 1430** Two-Lever.
****No. PHS 1431** Strong Four-Lever.
No. PHQ 1432 Extra secure Six-Lever and Curtain.
Size .. 2" 15/9 2 1/4" 16/8 3" 17/6 3 1/2" 24/6 dozen.
No. PHS 1428 1/5 1/6 1/7 2/2 each.
No. PHS 1429 22/- 24/6 25/6 32/6 dozen.
2/- 2/2 2/3 2/10 each.
No. PHS 1430 41/2 42/- 43/- 50/- dozen.
3/7 3/8 3/9 4/4 each.
No. PHS 1431 55/2 56/- 57/- 64/- dozen.
4/9 4/10 4/11 5/6 each.
No. PHQ 1432 69/2 69/2 69/2 — dozen.
6/- 6/- 6/- — each.

"B" Basis.

PHS—Stock Lines ; PHQ—Quick delivery.

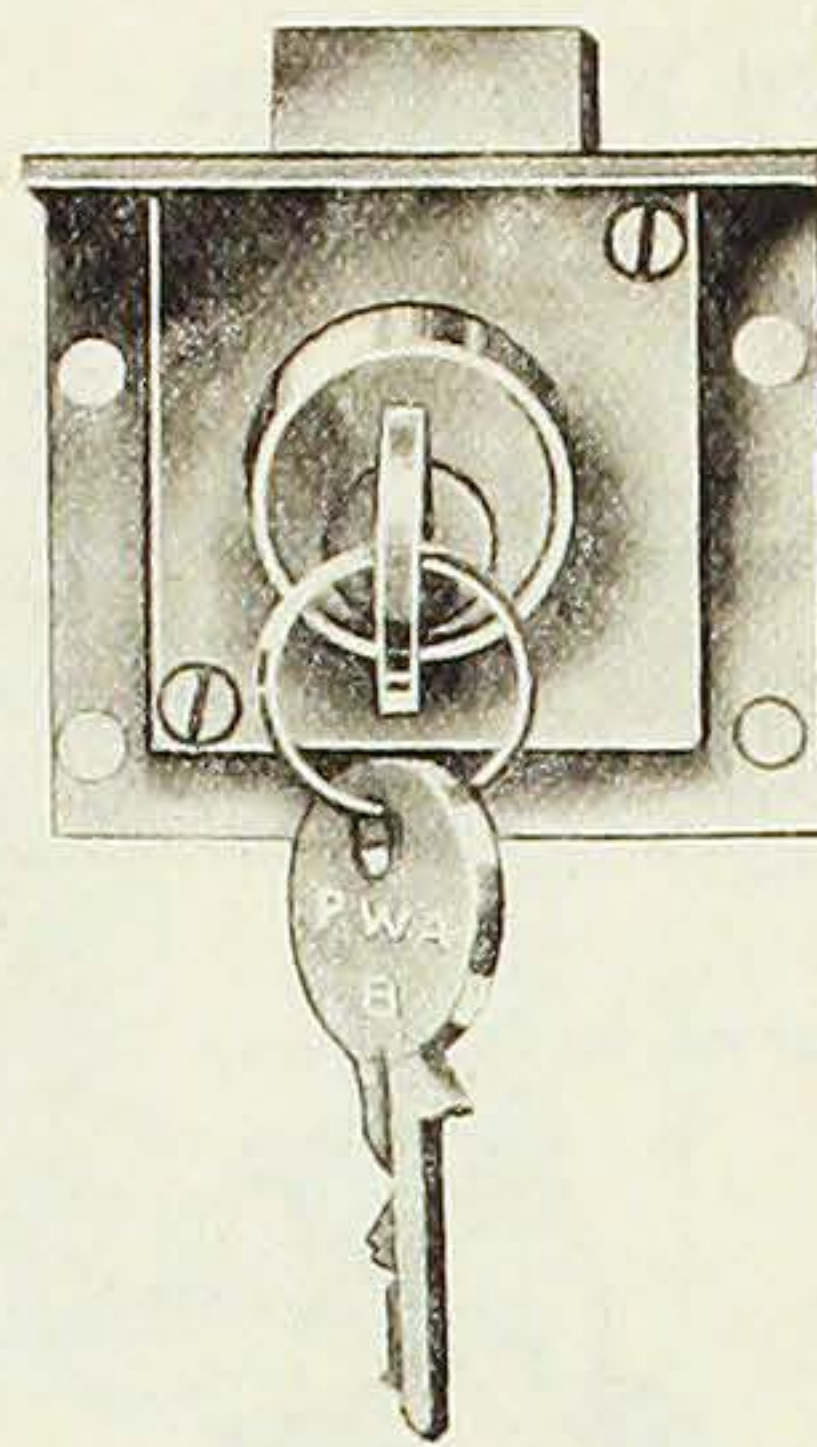
Best Quality Cabinet Locks

CYLINDER CHEST AND BOX LOCKS.



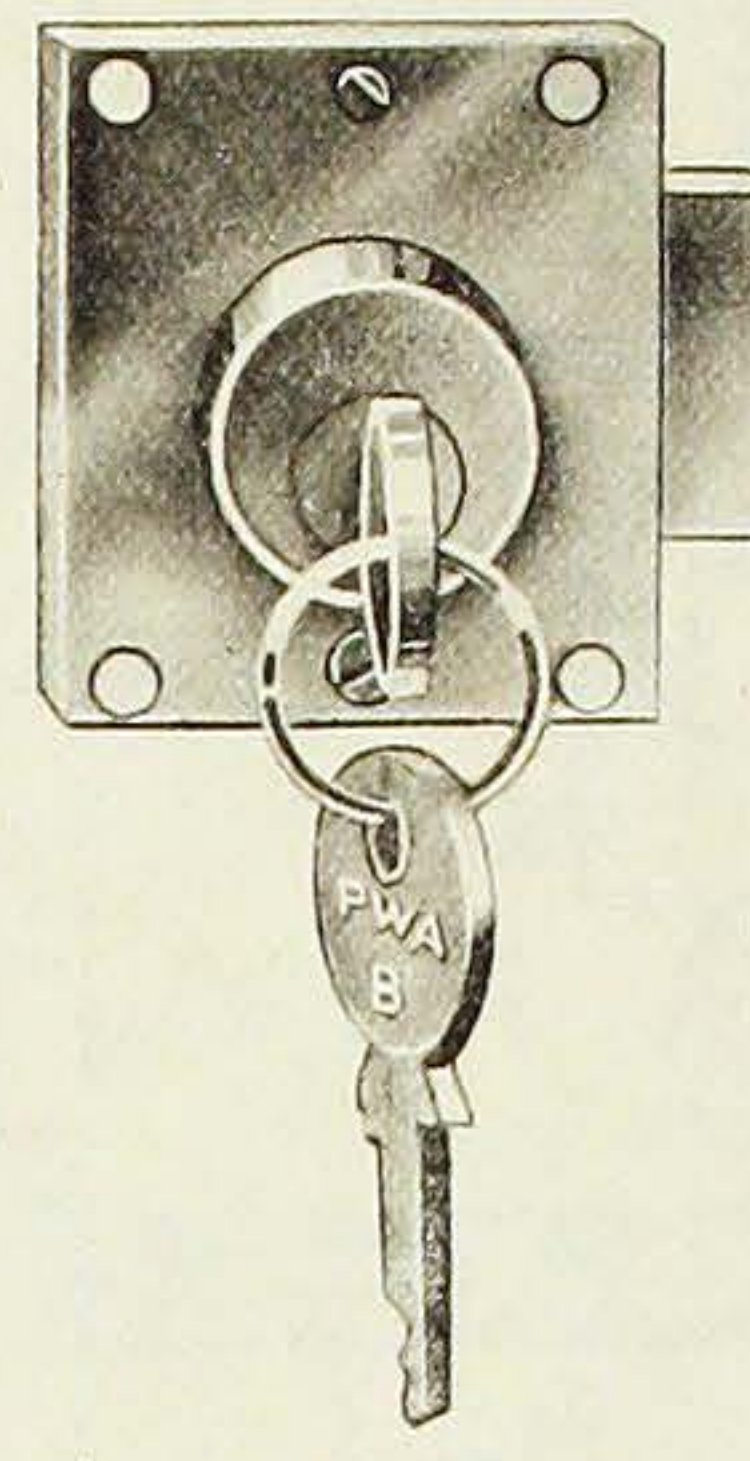
No. PHS 8290
Dead Locking Bolt.
Size $2\frac{1}{4}'' \times 1\frac{1}{4}''$. Cylinder $\frac{7}{8}''$ diameter.
Brass throughout. Two Nickel Silver Keys.
Price 6/8 each.

CYLINDER TILL AND DRAWER LOCKS.



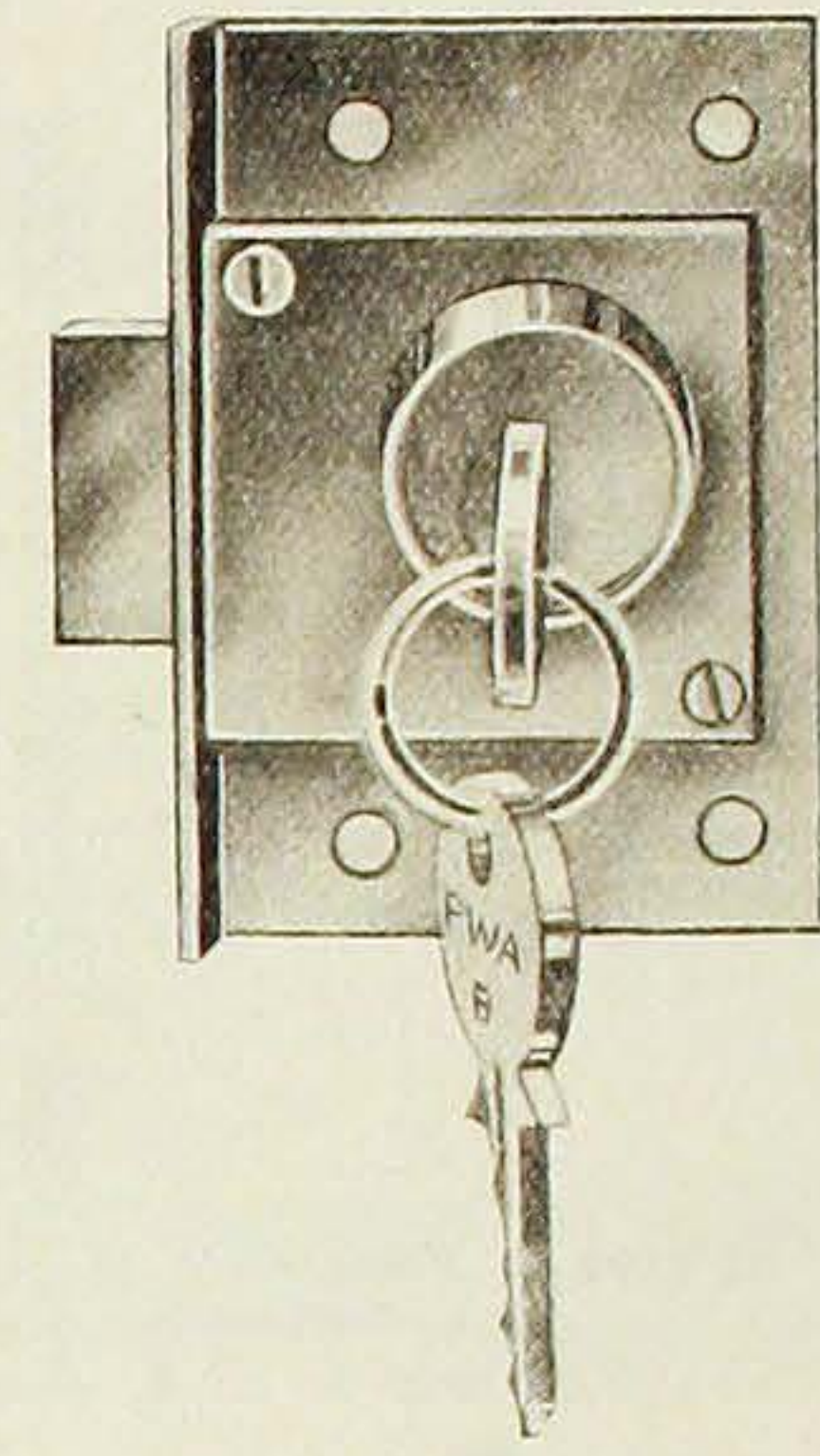
No. PHS 8291
Dead Locking Bolt.
Size $2\frac{3}{4}'' \times 1\frac{1}{4}''$. Cylinder $\frac{7}{8}''$ diameter.
Brass throughout. Two Nickel Silver Keys.
Price 6/8 each.

CYLINDER DOUBLE-HANDED CUPBOARD LOCKS.

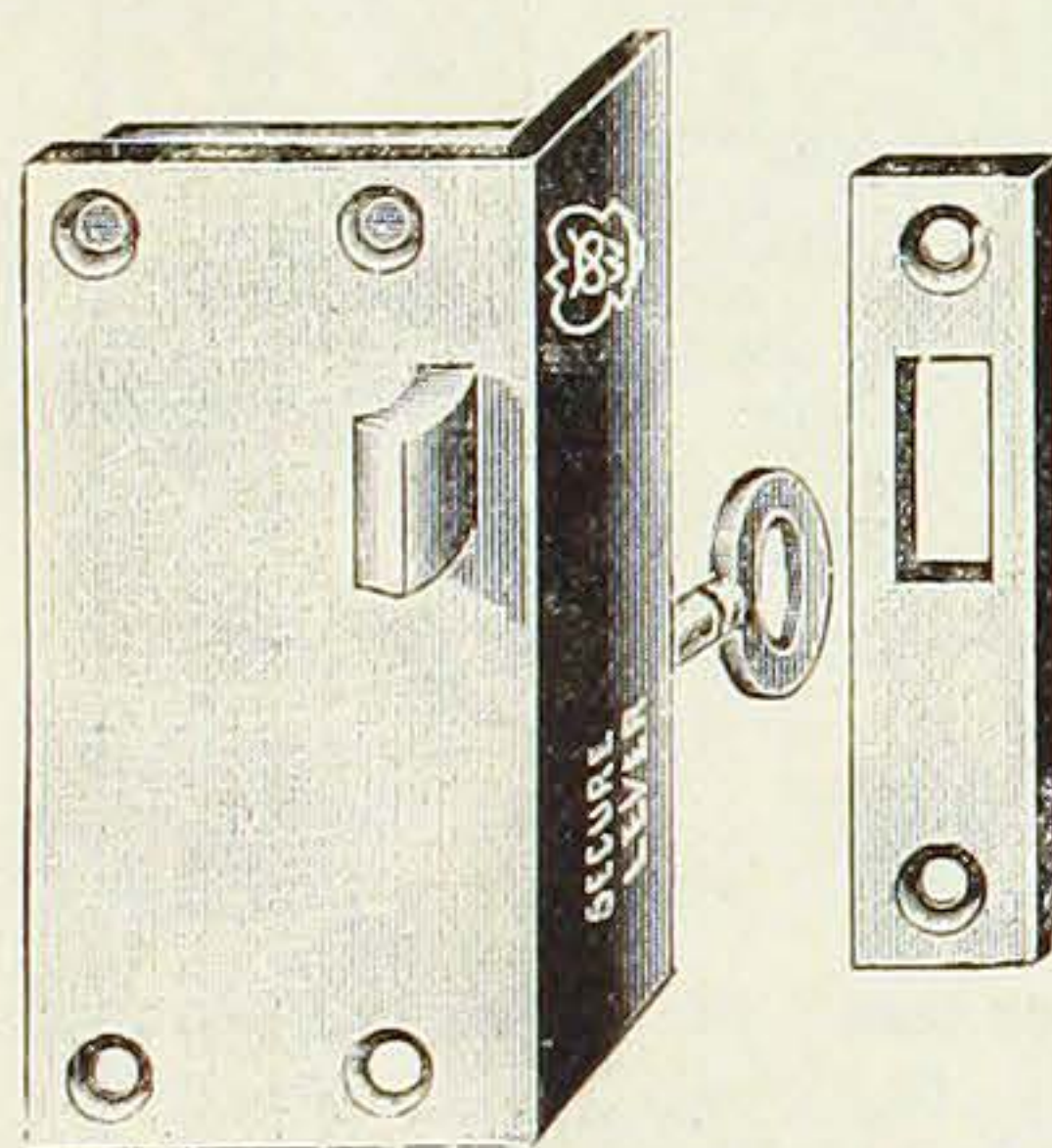


No. PHS 8292
Dead Locking Bolt.
Size $2'' \times 1\frac{1}{4}''$. Cylinder $\frac{7}{8}''$ diameter.
Brass throughout. Two Nickel Silver Keys to each. Price 6/8 each.

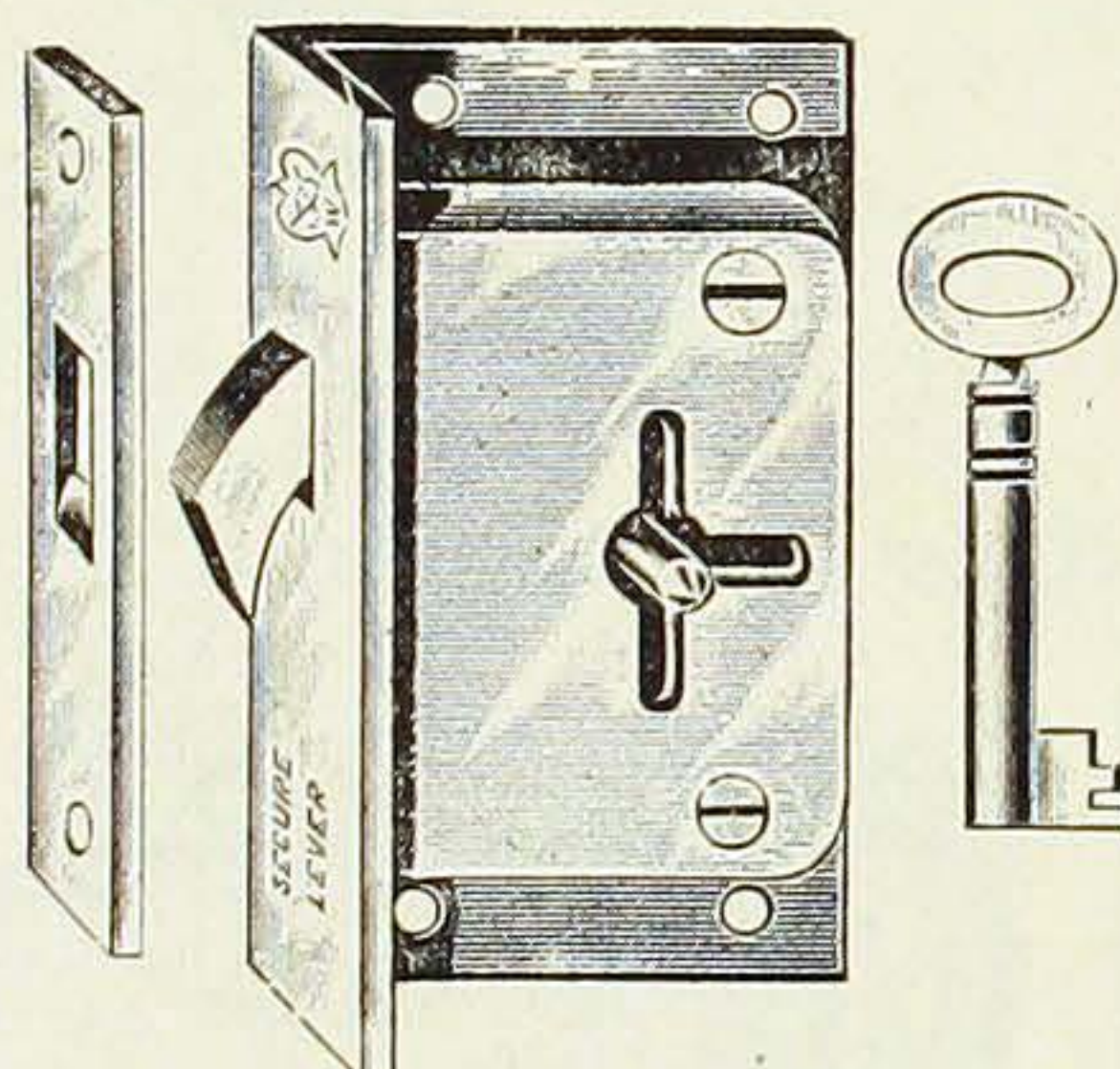
CYLINDER CUT CUPBOARD LOCKS.



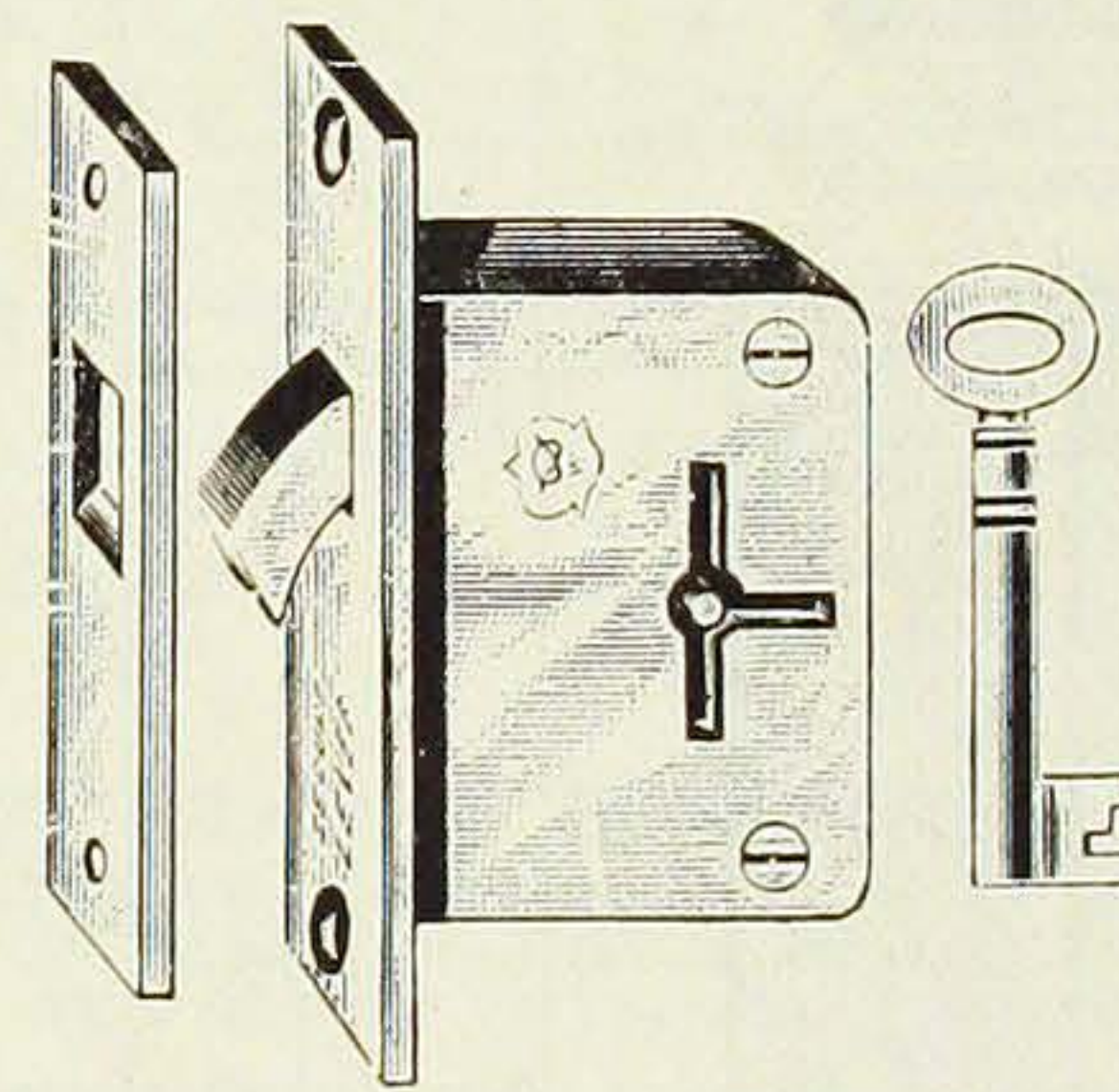
No. PHS 8293
Dead Locking Bolt.
Size $2\frac{1}{4}'' \times 1\frac{1}{4}''$. Cylinder $\frac{7}{8}''$ diameter.
Brass throughout. Two Nickel Silver Keys to each. Price 6/8 each.

Other Sliding Door Locks,
on page 20.

No. PHS 6054
Two Lever. Bolts to throw out at back for doors passing each other.
Size .. $2''$ $2\frac{1}{2}''$ $3''$
79/8 81/6 82/3 dozen.
6/9 6/10 7/- each.

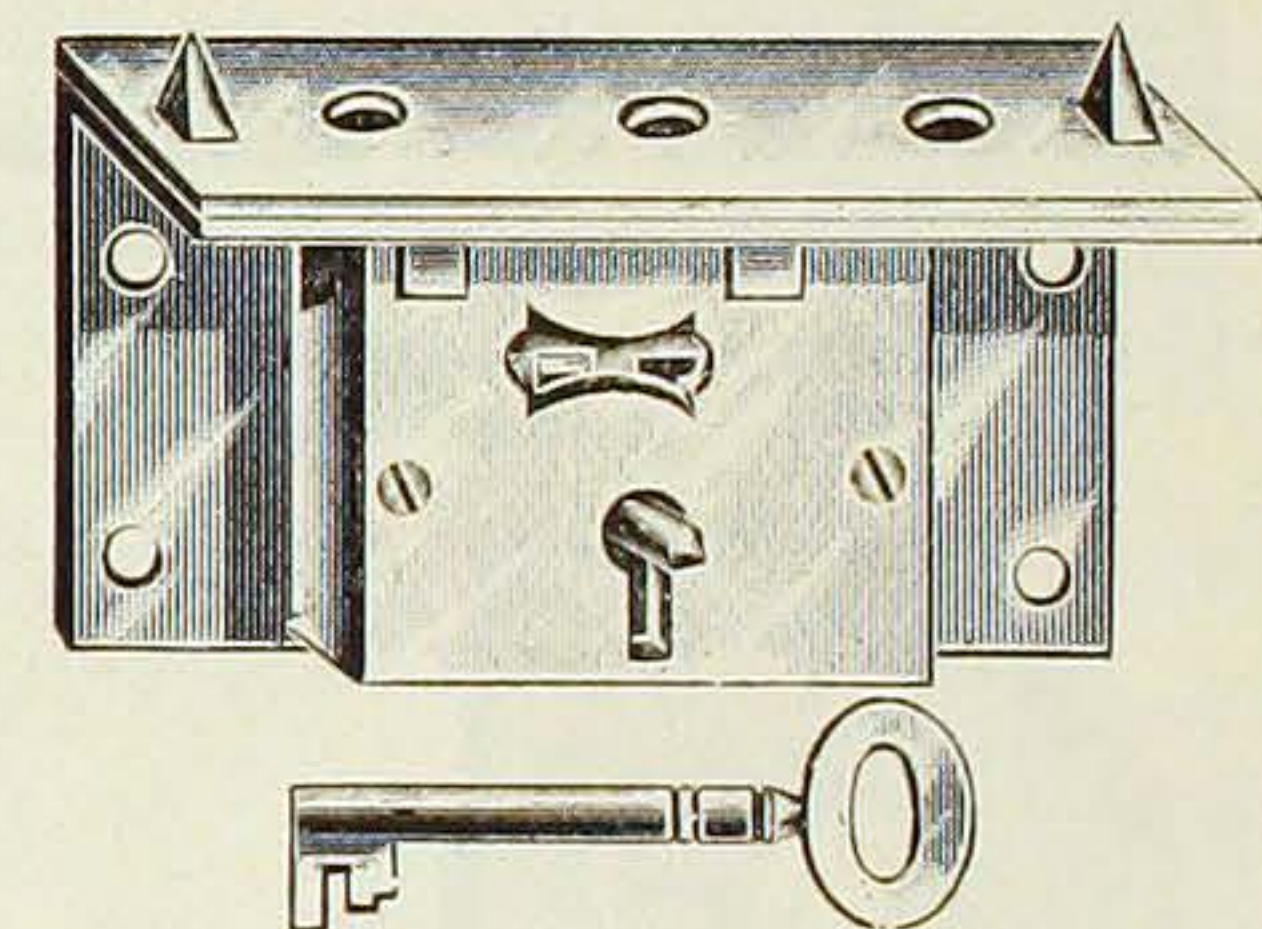


No. PHS 6056
One Lever, keyhole cut three ways.
Size .. $2''$ $2\frac{1}{2}''$ $3''$ $3\frac{1}{2}''$
71/- 72/9 74/- 81/6 dozen.
6/- 6/2 6/4 6/10 each.



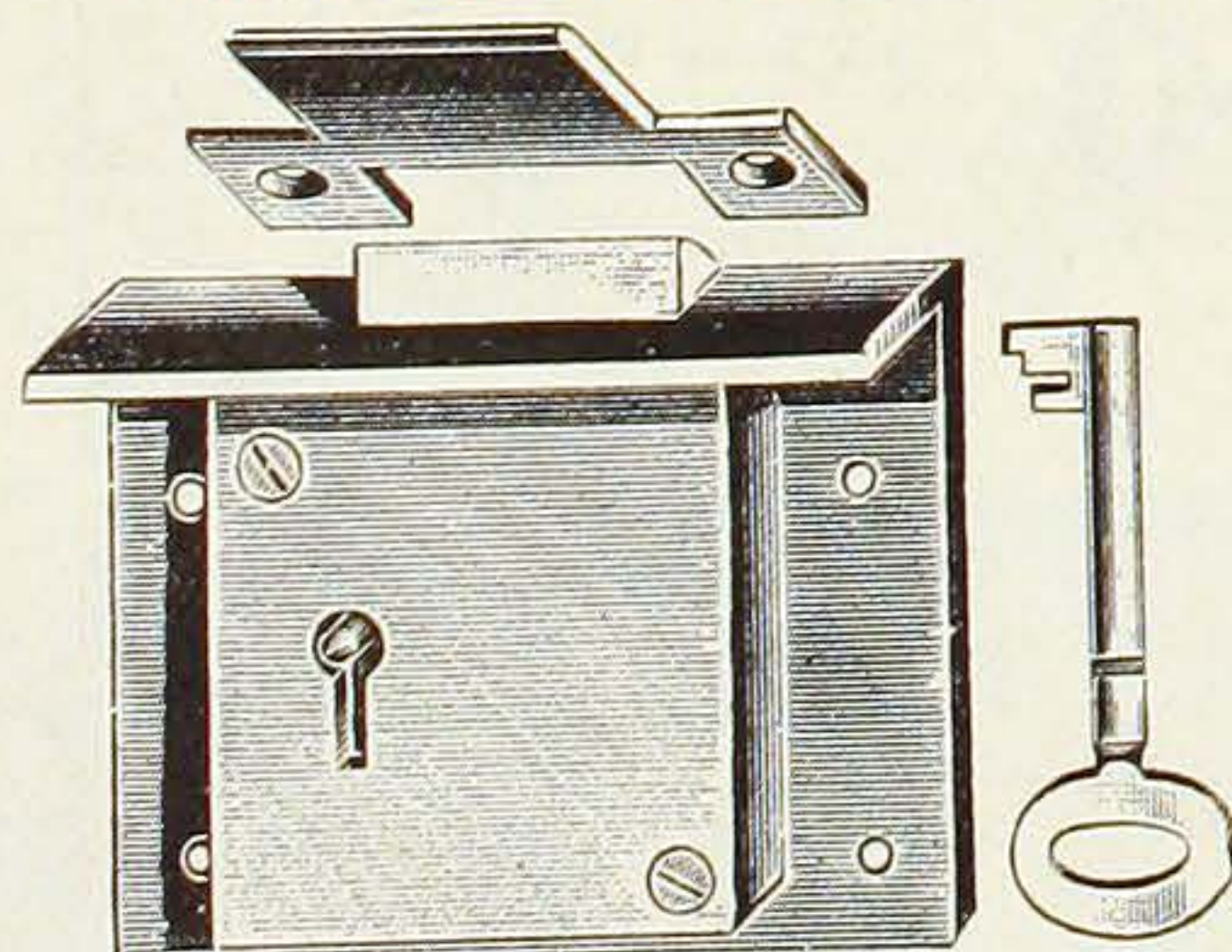
No. PHS 6057
Mortice Hook Bolt, Sliding Cupboard Lock.
One Lever, keyhole cut three ways.
Size .. $2''$ $2\frac{1}{2}''$ $3''$ $3\frac{1}{2}''$
71/- 72/9 74/6 81/6 dozen.
6/- 6/2 6/4 6/10 each.

BRASS BOX LOCKS.



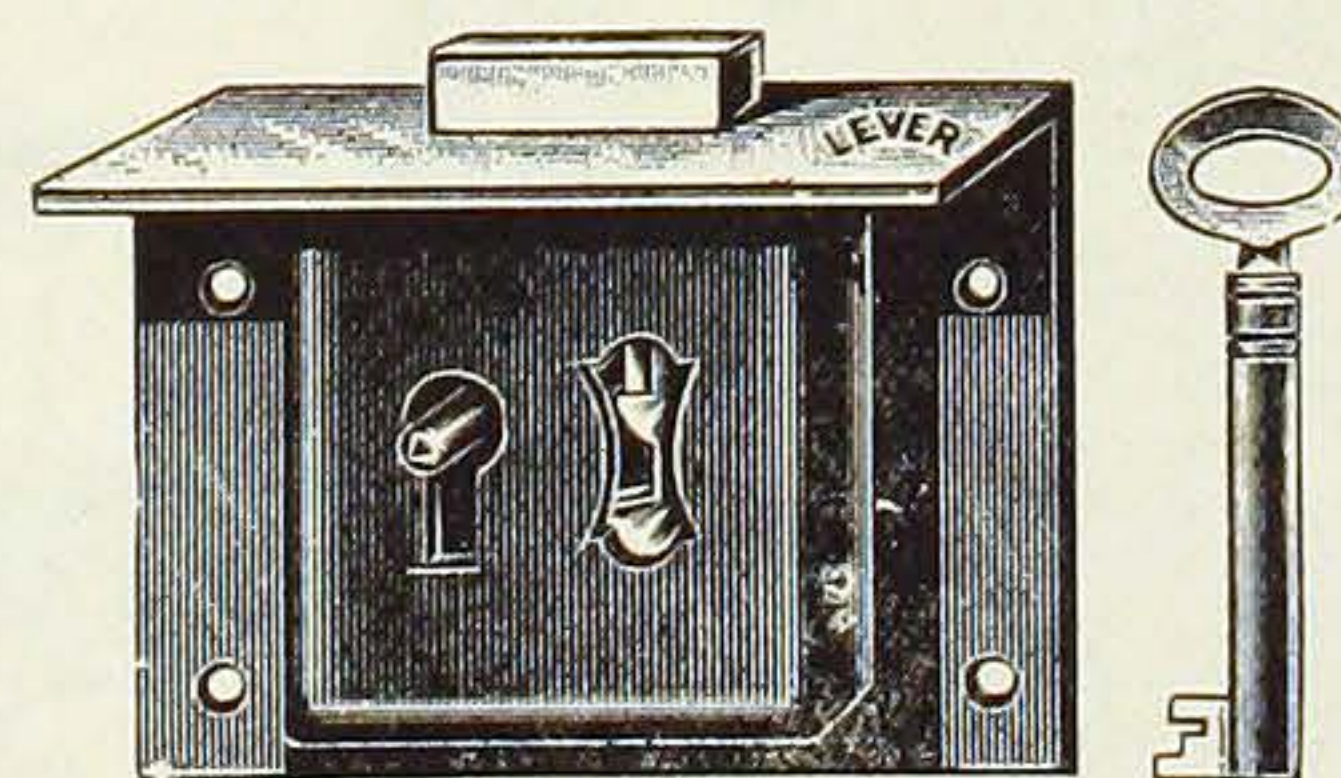
No. PHS 6042 Two Lever.
No. PHS 6043 Four Lever.
Size .. $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $3''$ $3\frac{1}{2}''$
No. PHS 6042 34/2 34/2 35/- 36/- 43/- doz.
3/- 3/- 3/1 3/2 3/9 each
No. PHS 6043 59/6 59/6 60/6 61/3 68/3 doz.
5/2 5/2 5/3 5/4 5/10 each
To differ in dozens.
No. PHS 6042 1/9 dozen extra.
No. PHS 6043 No extra charge (up to 72)
Nos. PHS 6042 and No. PHS 6043 to differ
and Master Keys 15/9 doz. extra
Master Keys .. 1/9 each ..

BRASS SPRING TILL LOCKS.



***No. PHS 6060** Two Lever.
****No. PHS 6061** Four Lever.
****No. PHS 6062** Four Lever with Stud at back.
No. PHQ 6063 Real Bramah, Four Guard,
Two keyed.
Size .. $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $3''$
No. PHS 6060 41/2 41/2 43/- 43/9 — dozen.
3/6 3/6 3/8 3/9 — each.
No. PHS 6061 — — 87/6 87/6 94/6 dozen.
— — 7/6 7/6 8/- each.
No. PHS 6062 — — 102/6 102/6 109/6 dozen.
— — 8/8 8/8 9/3 each.
No. PHQ 6063 Sizes, $2''$, $2\frac{1}{2}''$, $2\frac{3}{4}''$ and $3''$ 108/2 dozen, 9/3 each.
*To differ in dozens .. 1/9 dozen extra.
.. and Master Keyed .. 15/9 ..
Master Keys .. 1/9 each ..
**No extra to differ (up to 72).
To differ and Master Keyed .. 15/9 dozen extra.
Master Keys .. 1/9 each extra.

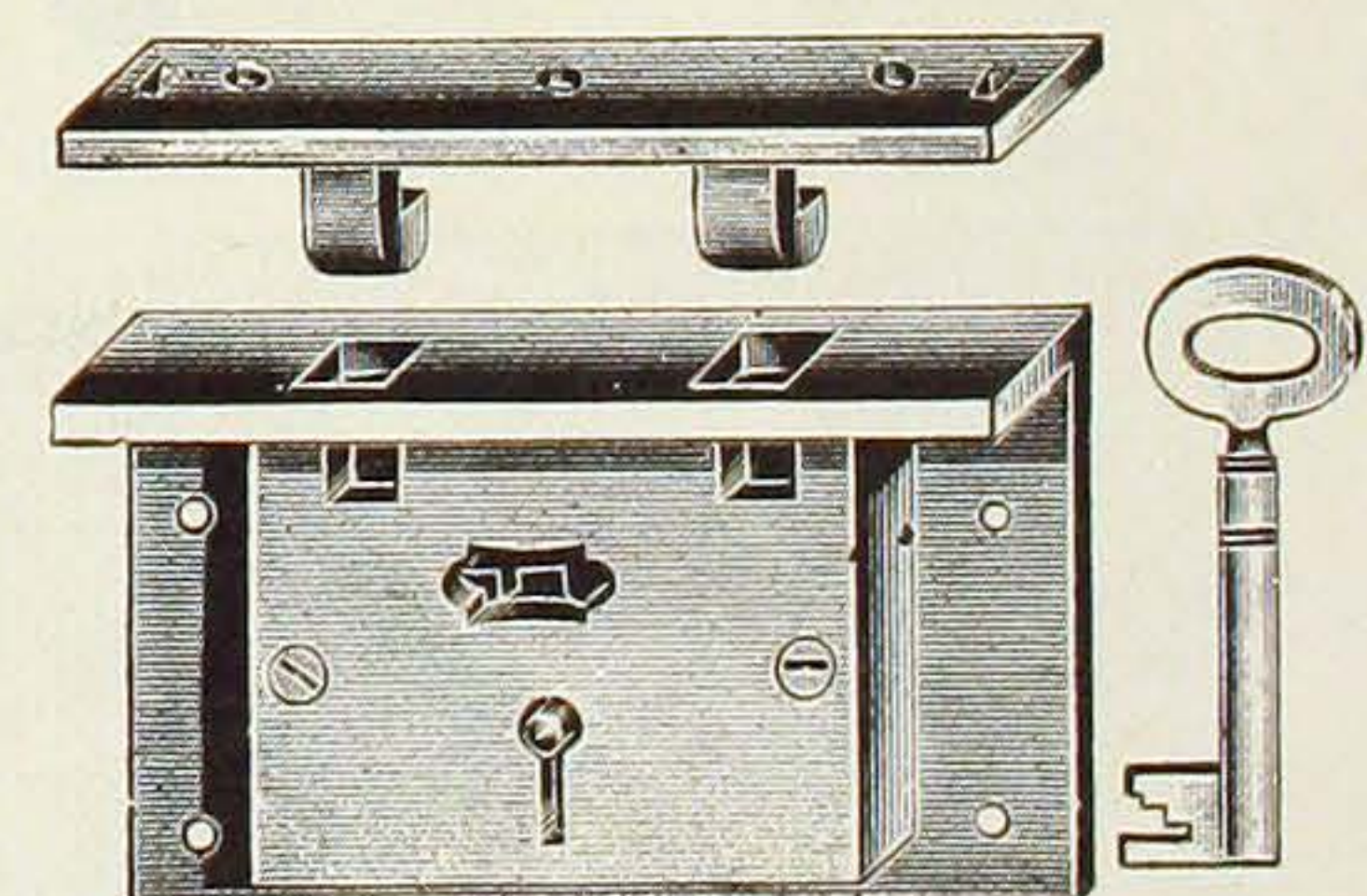
BRASS TILL OR DRAWER LOCKS.



No. PHS 1421 One Lever, Iron Cap.
No. PHS 1422 One Lever, Brass Cap.
****No. PHS 1423** Two Lever.
***No. PHS 1424** Strong Four Lever.
No. PHQ 1427 Real Bramah, four guard, two keyed.

Size .. $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $2\frac{3}{4}''$ $2\frac{1}{2}''$ $3''$
No. PHS 1421 14/- 14/- 14/- 14/- 14/- 14/- dozen.
1/3 each.
No. PHS 1422 15/9 15/9 16/9 16/9 16/9 20/3 dozen.
1/5 1/5 1/6 1/6 1/6 1/10 each.
No. PHS 1423 29/9 29/9 30/8 30/8 30/8 34/2 dozen.
2/7 2/7 2/8 2/8 2/8 3/- each.
No. PHS 1424 56/- 56/- 57/9 57/9 57/9 64/9 dozen.
4/10 4/10 5/- 5/- 5/- 5/6 each.
No. PHQ 1427 — 98/- — 98/- — 105/- dozen.
— 8/4 — 8/4 — 9/- each.
*To differ in dozens .. 1/9 dozen extra.
To differ and Master Keyed .. 15/9 ..
Master Keys .. 1/9 each ..
**No extra to differ (quantities up to 72).
To differ and Master Keyed .. 15/9 dozen extra.
Master Keys .. 1/9 each extra.

BRASS SLOPING DESK LOCKS.



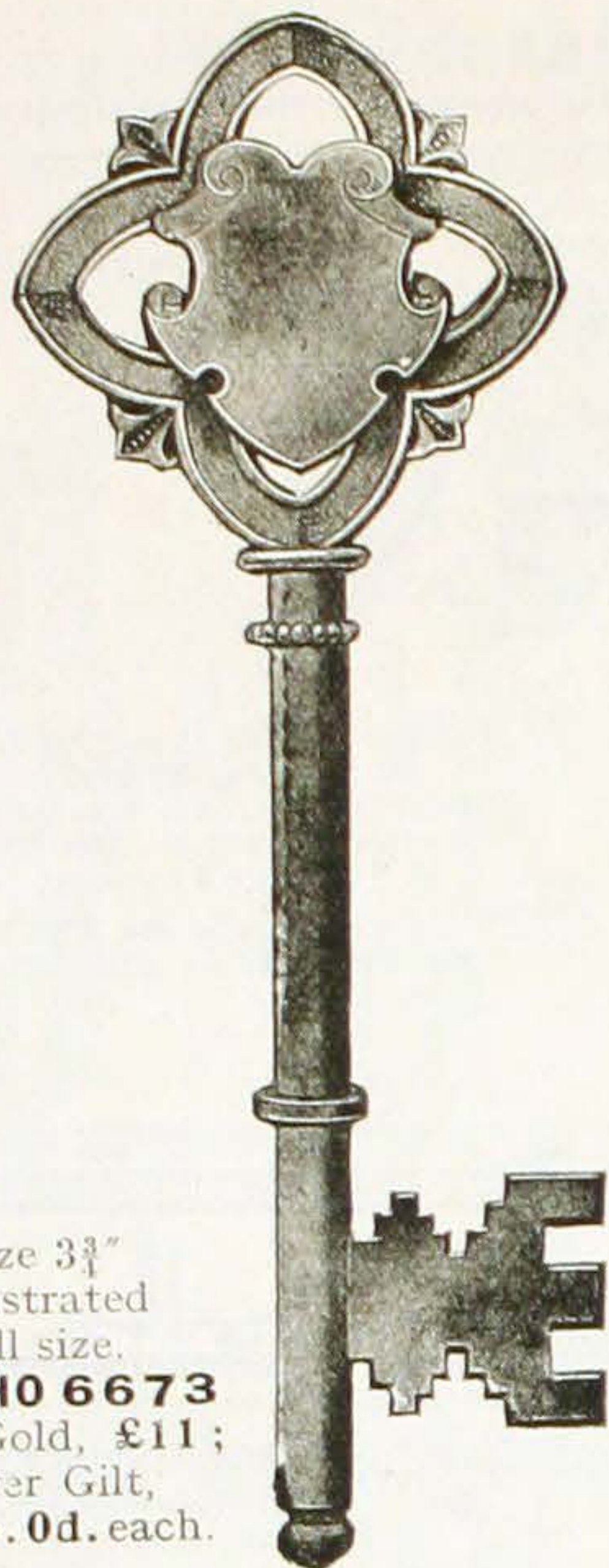
No. PHS 6050 Two Lever.
No. PHS 6051 Four Lever.
Size .. $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $3''$ $3\frac{1}{2}''$ $4''$
No. PHS 6050 31/6 31/6 33/3 35/- 42/- 54/3 dozen.
2/9 2/9 2/11 3/1 3/8 4/8 each.
No. PHS 6051 40/3 40/3 42/- 43/9 50/9 63/- dozen.
3/6 3/6 3/8 3/10 4/4 5/6 each.

Presentation Keys, Mallets and Trowels

PRICED EACH.



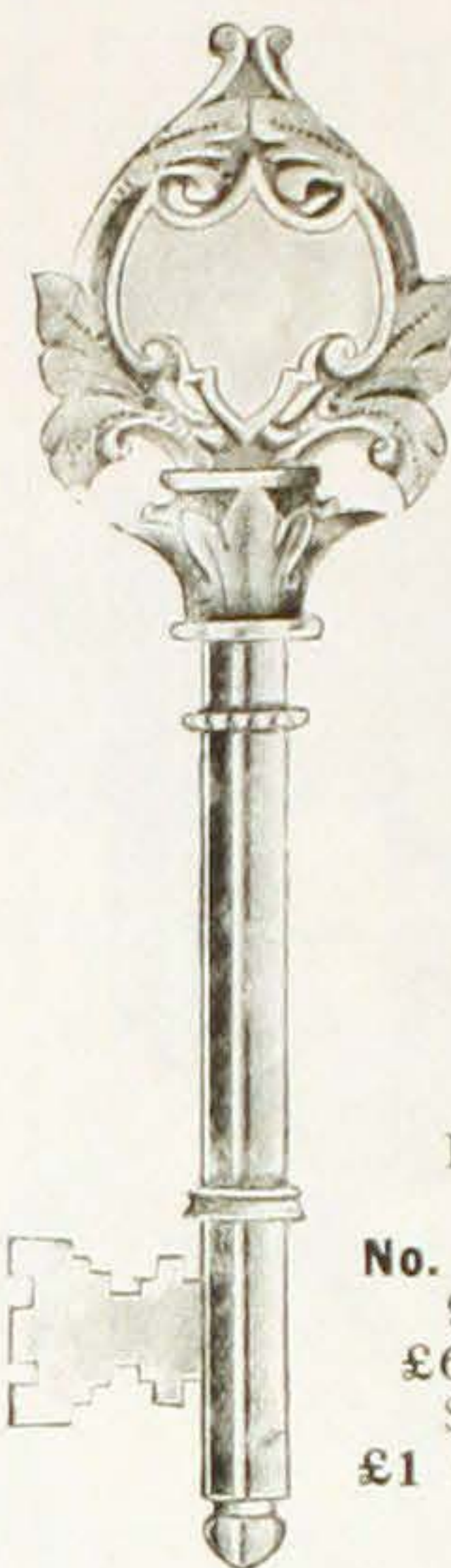
Size 5".
Illustrated
about two-thirds
full size.
No. PHO 5423
9 ct. Gold, £18;
Silver Gilt, £7;
Silver, £6 10s. 0d.
each.



Size 3 1/4".
Illustrated
full size.
No. PHO 6673
9 ct. Gold, £11;
Silver Gilt,
£3 10s. 0d. each.



Size 3 1/4".
Illustrated
full size.
No. PHO 6674
9 ct. Gold,
£10 10s. 0d.;
Silver Gilt,
£3 6s. 0d.
each.

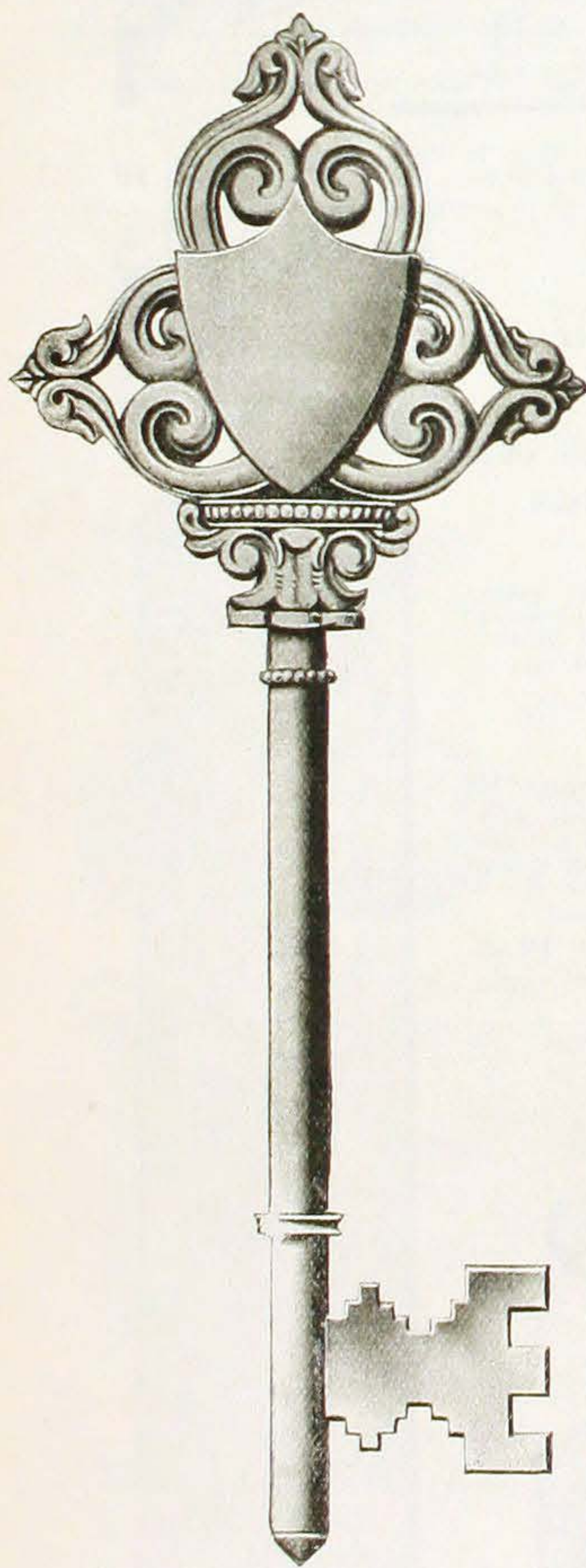


Size 3 1/4".
Illustrated
full size.
No. PHO 6672
9 ct. Gold,
£6 10s. 0d.;
Silver Gilt,
£1 18s. 0d. each.



Size 4 3/4".
Illustrated about
three-quarter
full size.
No. PHO 5420
9 ct. Gold, £17;
Silver Gilt,
£6 16s. 0d.;
Silver, £6 6s. 0d.
each.

KEYS SUPPLIED TO PASS EXISTING LOCKS AT NO EXTRA.
EXCEPT ON TROWEL AND MALLET, PRICES INCLUDE ENGRAVING UP TO FOUR DOZEN LETTERS.
PRESENTATION CASES ARE INCLUDED FREE EXCEPT WITH MALLET.



Size 5 1/2". Illustrated full size.
No. PHO 6671
9 ct. Gold, £19 0s. 0d.;
Silver Gilt, £5 0s. 0d.; each.

PRESENTATION KEYS.

The Shield devices and the artistic borders on the keys illustrated, render them particularly suitable for engraving Arms, Mottoes, Heraldic Signs, Initials, etc., in the manner suggested by the two outside keys shewn above.

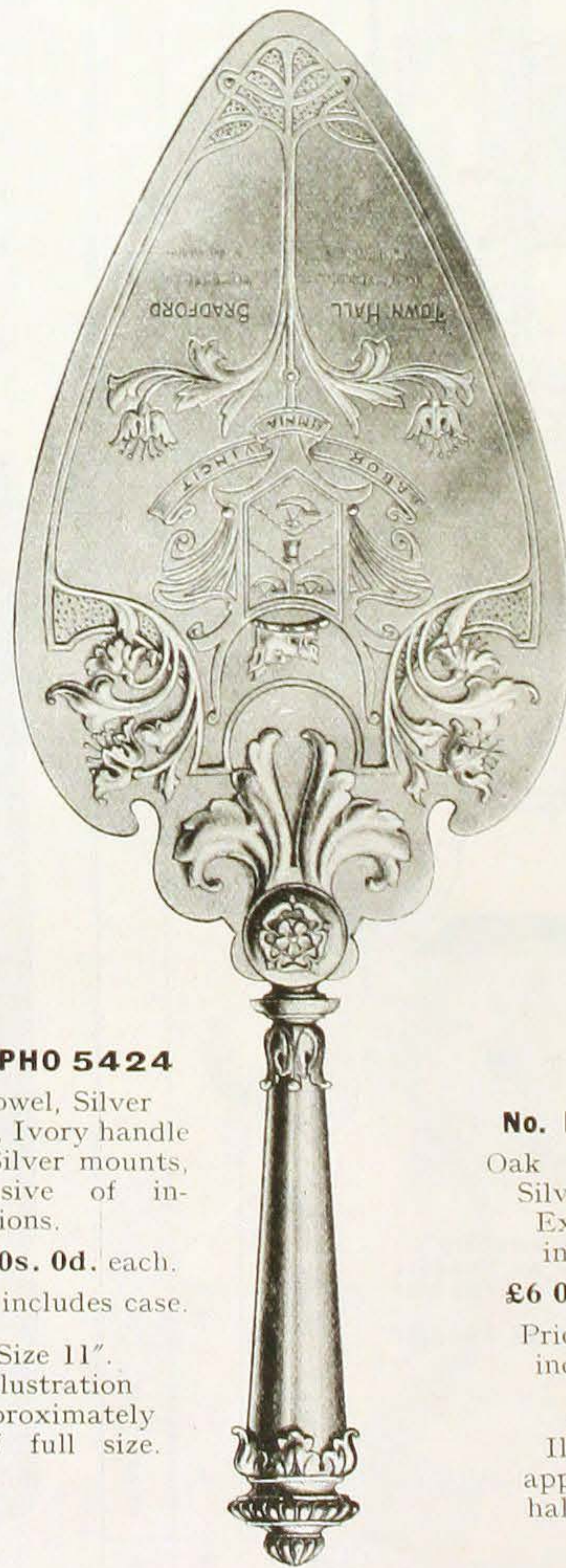
An additional attractiveness and charm, however, is created by having either the centre medallion or other portions, in coloured enamels, as shewn by the coloured illustrations opposite.

Illustrations on this page are actual size of article except where otherwise stated.

Prices include Presentation Case except in the case of No. PHO 5425.

We shall be pleased to submit other designs and make specially to order on receipt of details.

Unless requirements are very exceptional, we can generally execute in two or three days.

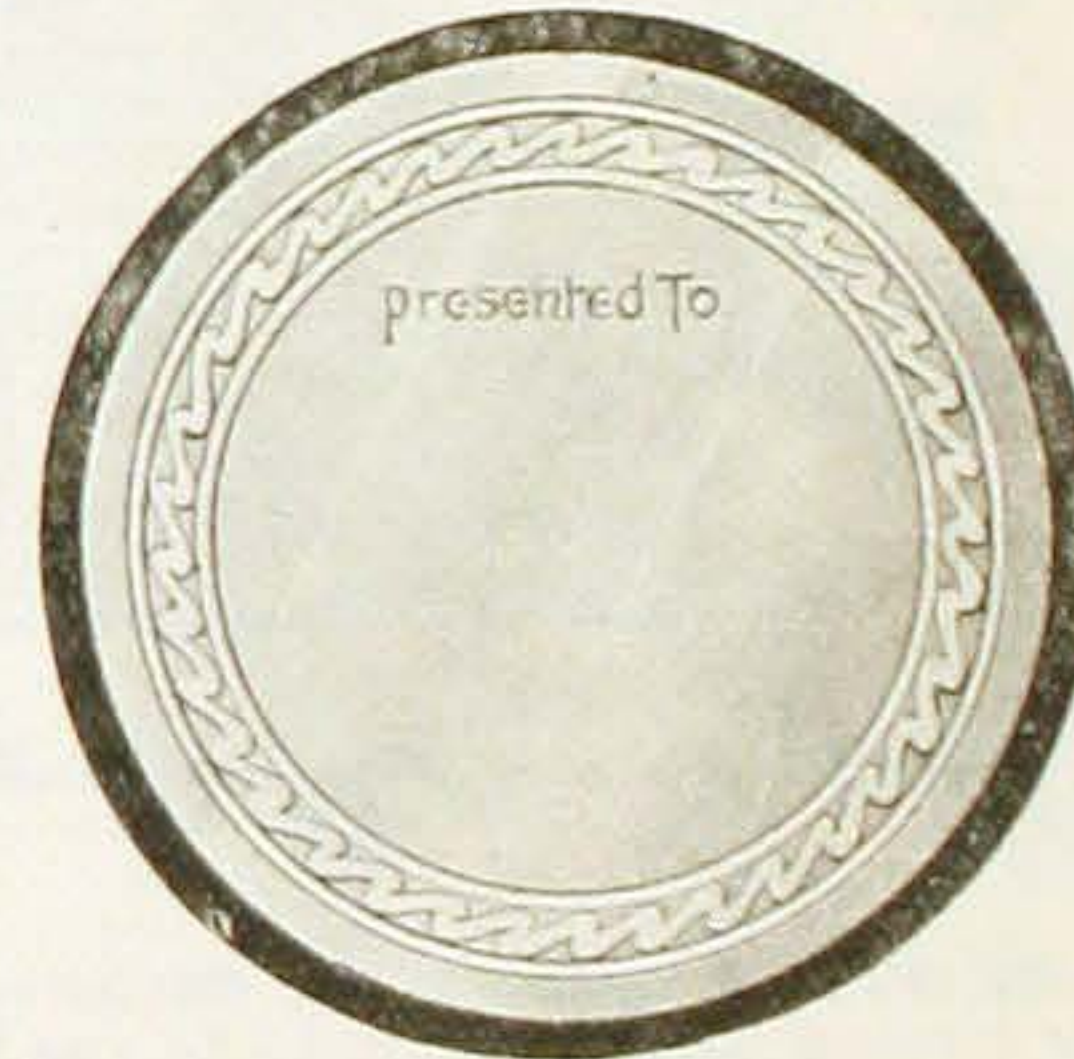


No. PHO 5424

Trowel, Silver blade, Ivory handle and Silver mounts, Exclusive of inscriptions.

£8 10s. 0d. each.
Price includes case.

Size 11".
Illustration
approximately
half full size.



No. PHO 5425

Oak Mallet with Silver Mounts. Exclusive of inscription.

£6 0s. 0d. each.
Price does not include case.

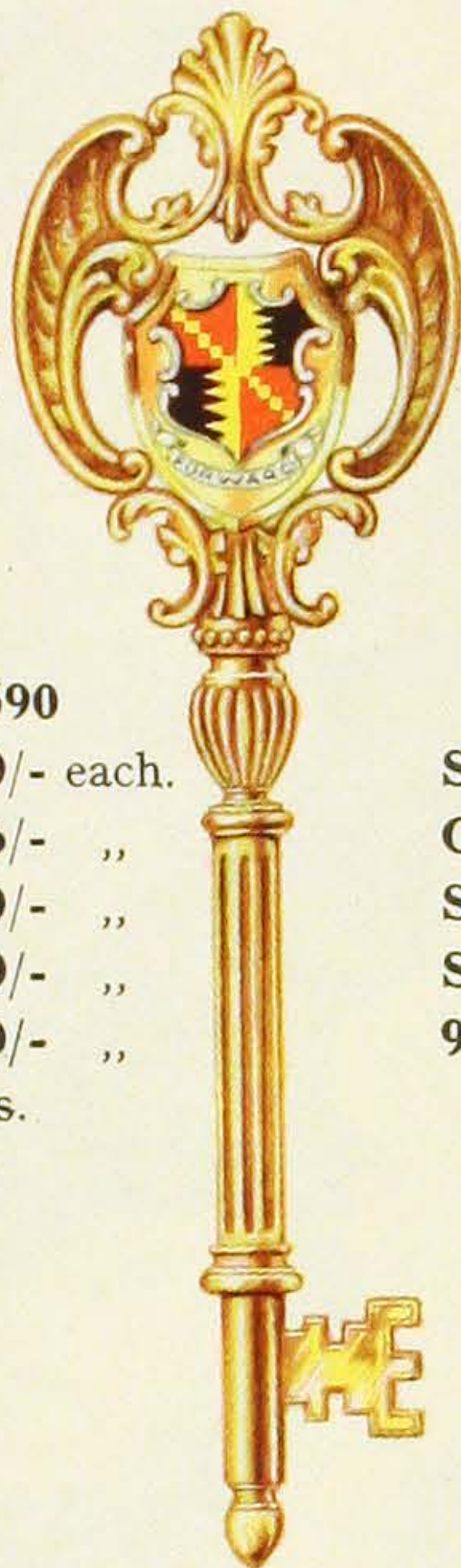
Size 8".
Illustration
approximately
half full size.



Presentation Keys, Trowels and Mallets

PRICES INCLUDE MAKING KEYS TO PASS AND INSCRIPTION OF APPROX. 48 LETTERS.

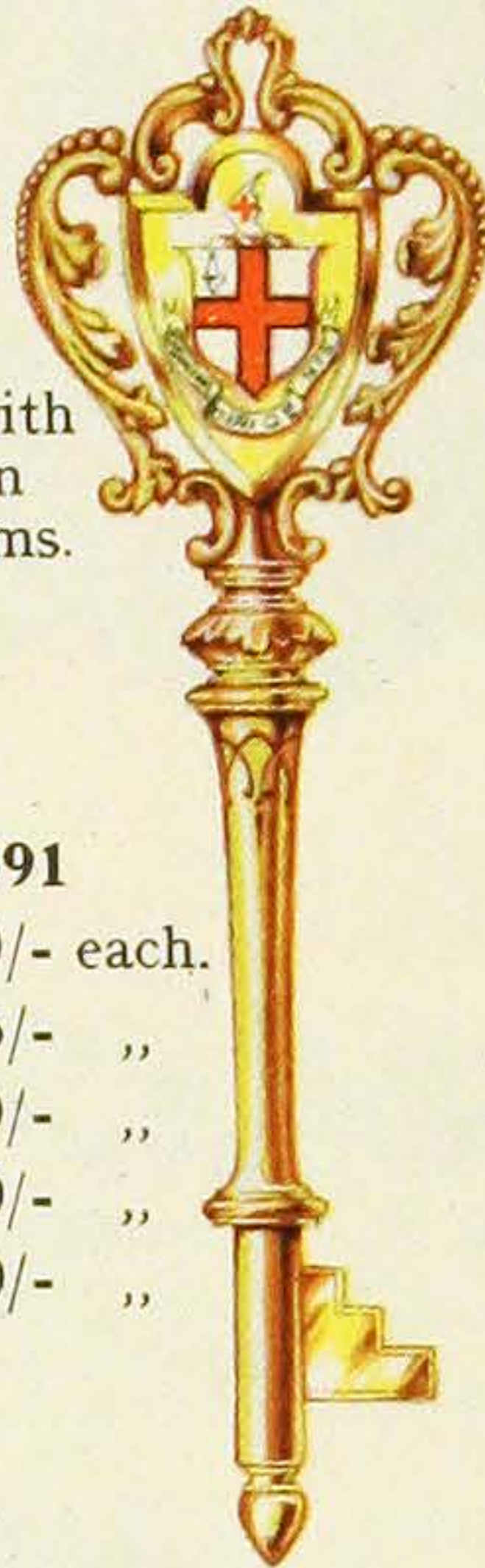
Enamelled with
the Birmingham
Coat of Arms.



No. PHO 6590
Silver Plate 100/- each.
Gold Plate - 106/-
Silver - 130/-
Silver Gilt - 140/-
9-ct. Gold - 470/-
Size 5 3/4 inches.

No. PHO 6590

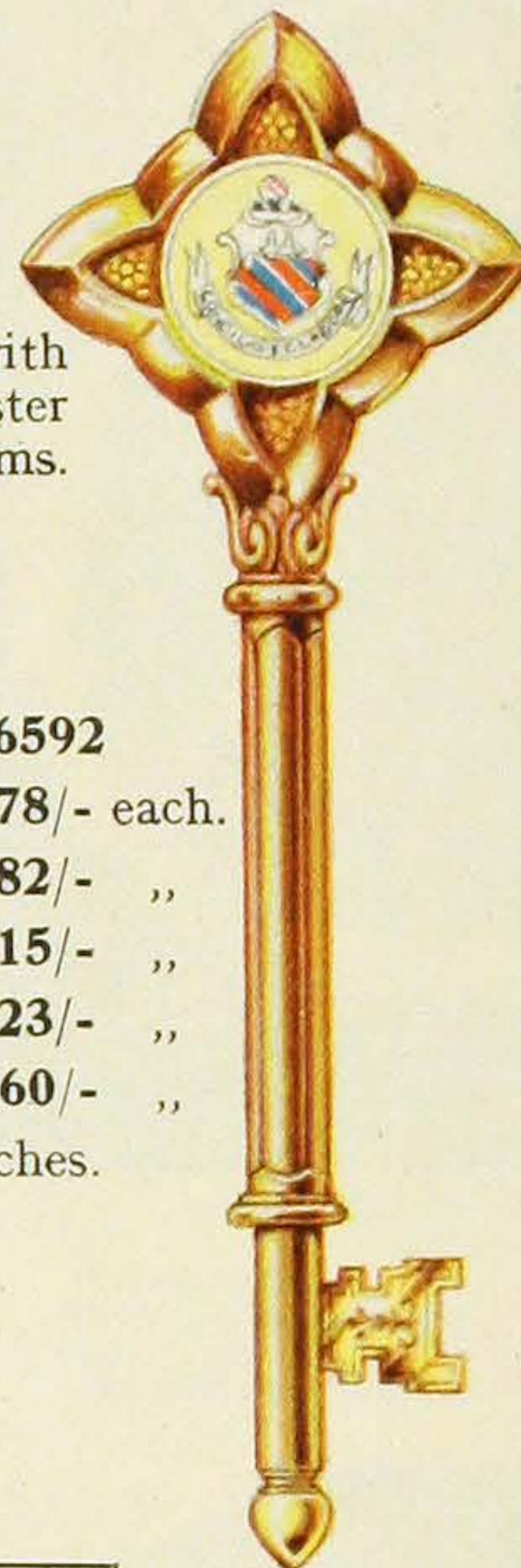
Enamelled with
the London
Coat of Arms.



No. PHO 6591
Silver Plate 90/- each.
Gold Plate - 96/-
Silver - 110/-
Silver Gilt - 120/-
9-ct. Gold - 310/-
Size 5 inches.

No. PHO 6591

Enamelled with
the Manchester
Coat of Arms.



No. PHO 6592
Silver Plate 78/- each.
Gold Plate - 82/-
Silver - 115/-
Silver Gilt - 123/-
9-ct. Gold - 460/-
Size 5 1/2 inches.

No. PHO 6592

The Prices shown include Presentation Case.
Arms, Crests, Buildings, etc., Enamelled or modelled
to suit requirements, extra. Any design carried out.

PRICES OF
PRESENTATION TROWELS
on this page are the same
for all numbers.

Silver with Ivory
Handles.
5 1/2" 8" 10" 12"
60/- 90/- 126/- 170/-
each.

Silver with Ivorine
Handles.
5 1/2" 8" 10" 12"
50/- 77/- 110/- 140/-
each.

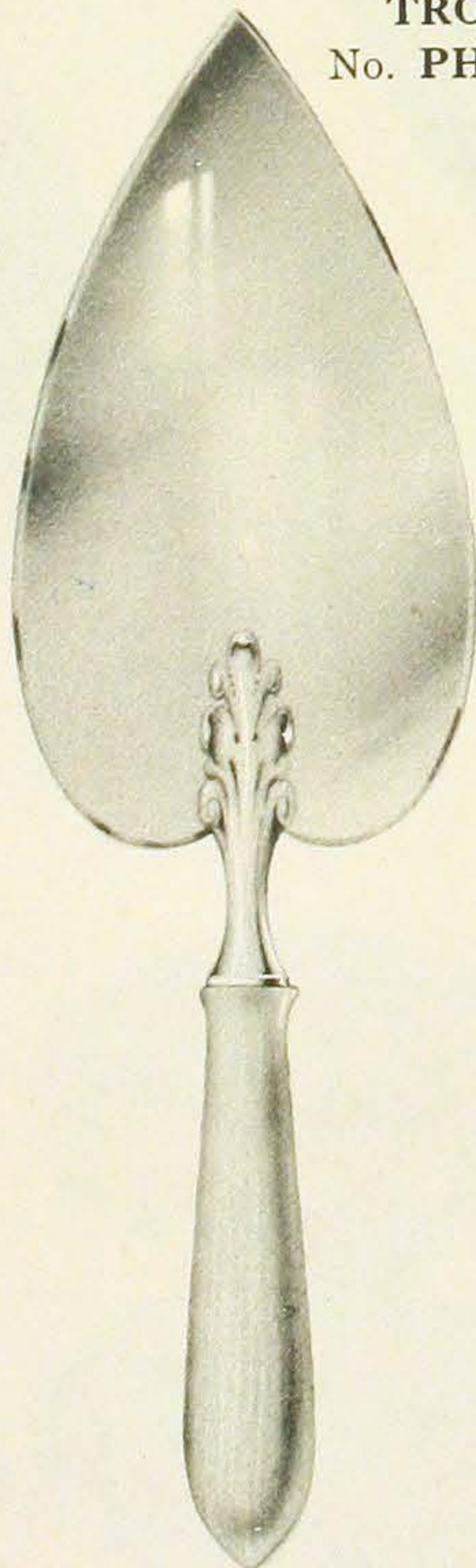
E.P.N.S. with
Ivorine Handles.
5 1/2" 8" 10" 12"
24/- 36/- 50/- 60/-
each.

Complete in
Presentation
Cases.

Inscription
extra
according to
matter.

Average cost
approx.
20/- extra.

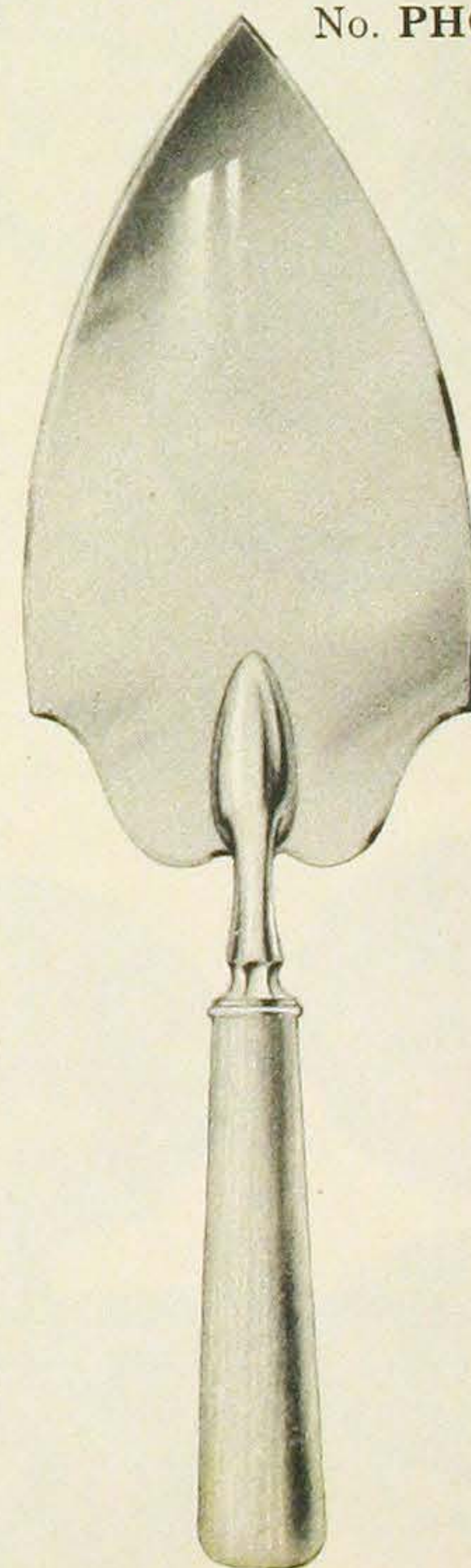
TROWEL
No. PHO 6596



TROWEL
No. PHO 6597.



TROWEL
No. PHO 6598.



PRESENTATION MALLET No. PHO 6595

Plain Lignum or Ebonized
With Silver Shield in Head
Ivory

6" 8"
25/- 37/- each.
30/- 46/-
From 100/- up.

Inscription extra
according to matter.



Size
Illustration
about
ful
No. P
9 ct. C
Silver
Silver, C



Size 5 3/4

N

9 ct.
Silver C

“C”

Ring Handles and Centre Door Knobs

*Stocked only in Brass and B.M.A.



No. PHO 6971

Size 9 1/4" x 8 1/4"

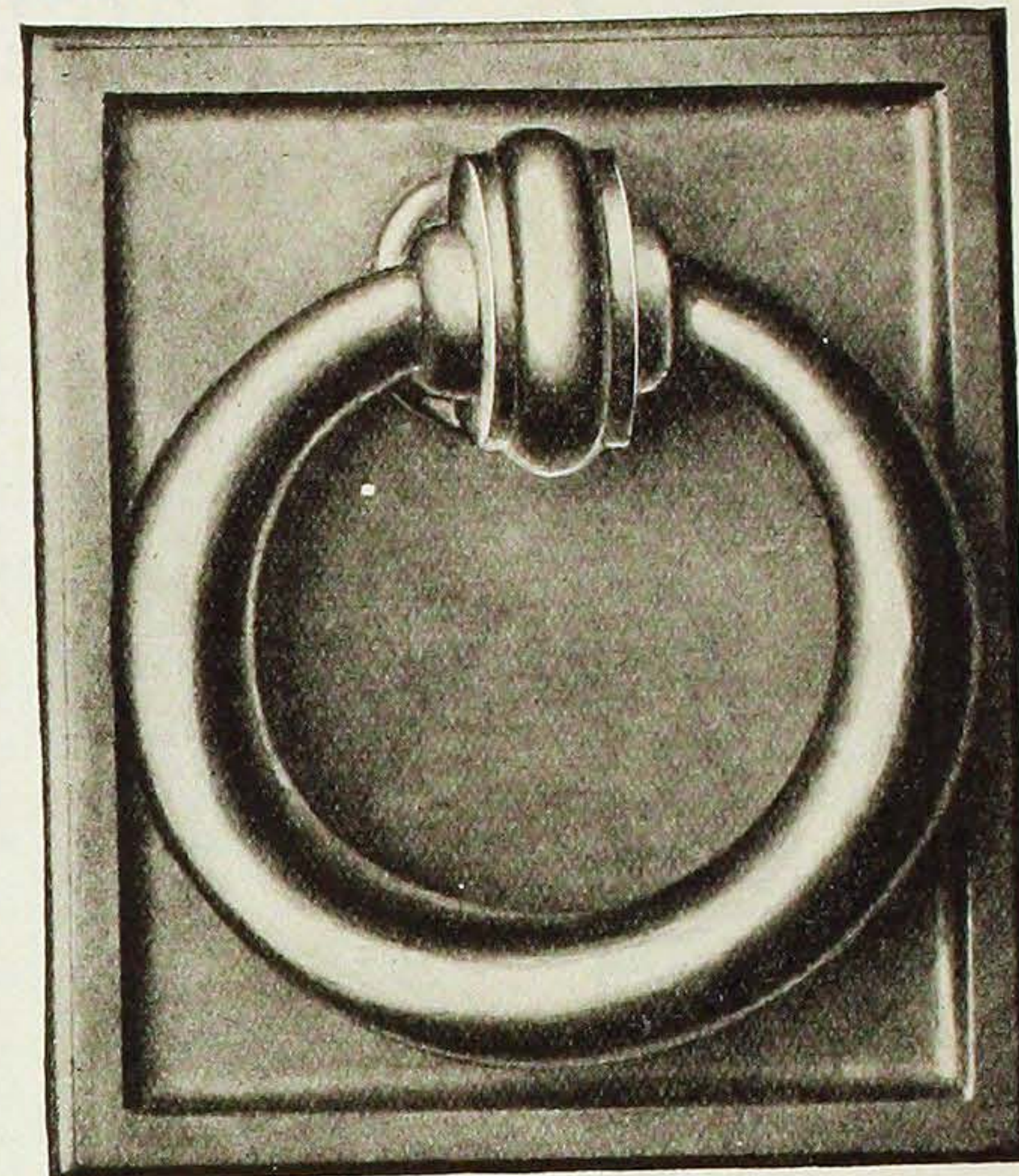
Polished Brass	142/- each.
C. B. and R. on Brass	142/3 "
Bronze Metal Antique	172/- "



No. PHO 6973

Size 4 1/2" x 5"

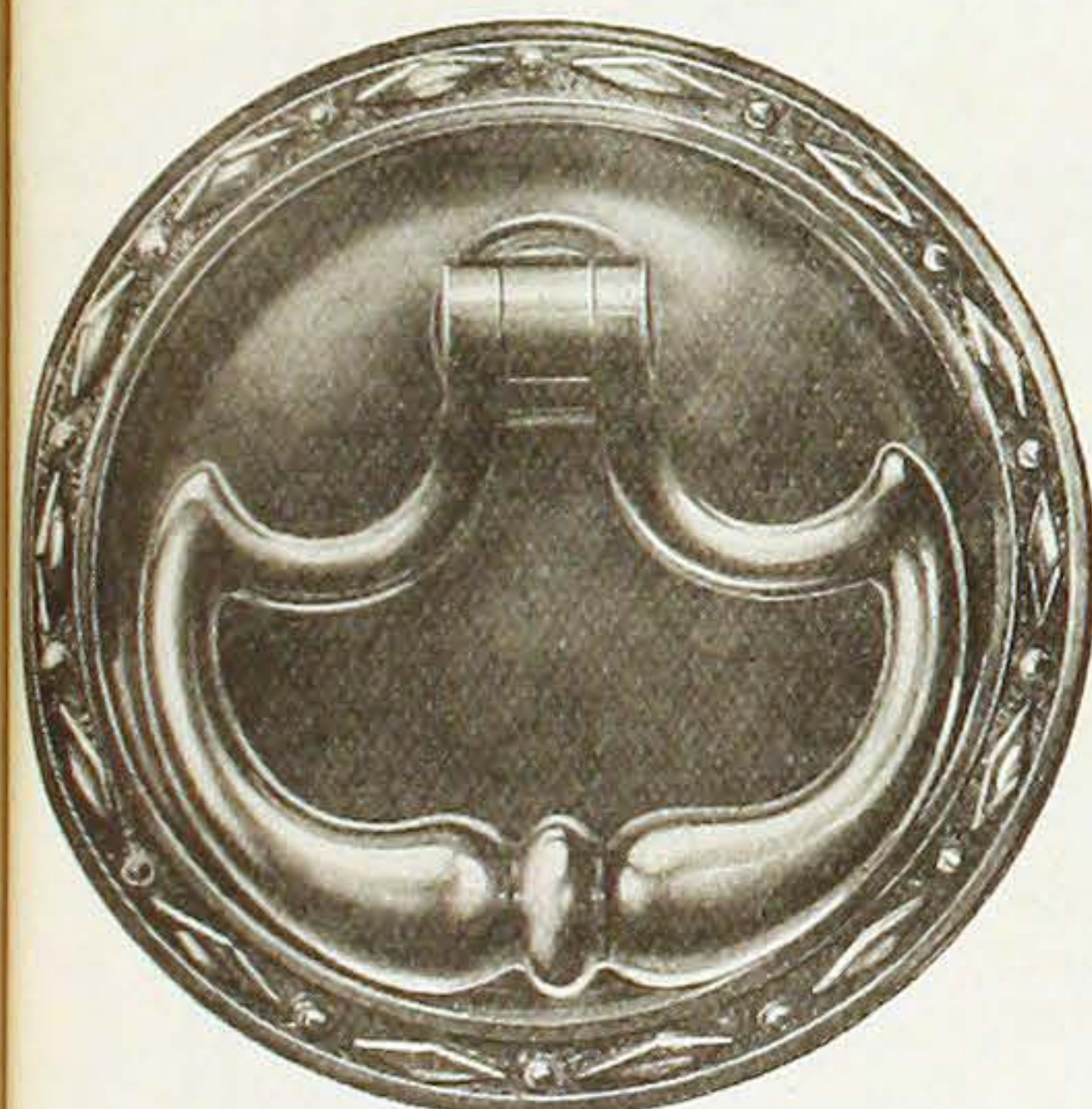
Polished Brass	23/8 each.
C. B. and R. on Brass	24/6 "
Bronze Metal Antique	26/3 "
Oxidized Silver on White Metal	30/8 "



No. PHO 6972

Size 6" x 5"

Polished Brass	24/6 each.
C. B. and R. on Brass	26/3 "
Bronze Metal Antique	29/9 "
Oxidized Silver on White Metal	35/- "

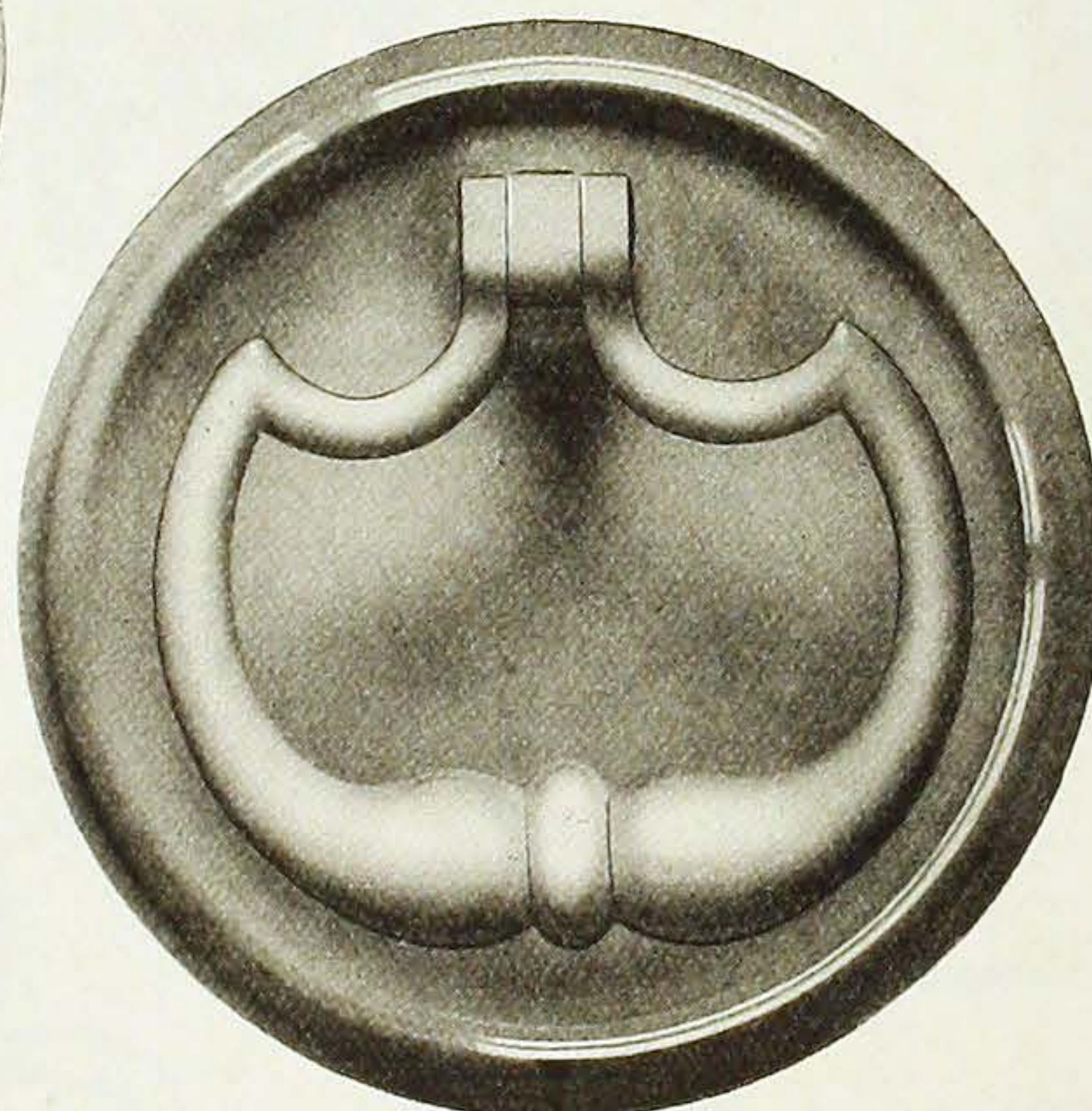


No. PHO 6976

Size 4" diameter.

Malleable Iron, Berlin Black.

To suit Lock or Latch	3/6 each.
With Fixed Handle	3/- "
Polished Brass	13/3 "
C. B. and R. on Brass	15/- "
Bronze Metal Antique	17/6 "
Oxidized Silver on White Metal	22/9 "



No. PHO 6975

Size 5" diameter.

Polished Brass	15/- each.
C. B. and R. on Brass	16/9 "
Bronze Metal Antique	20/3 "
Oxidized Silver on White Metal	25/6 "



No. PHO 6970

Size, 6 1/2" diameter.

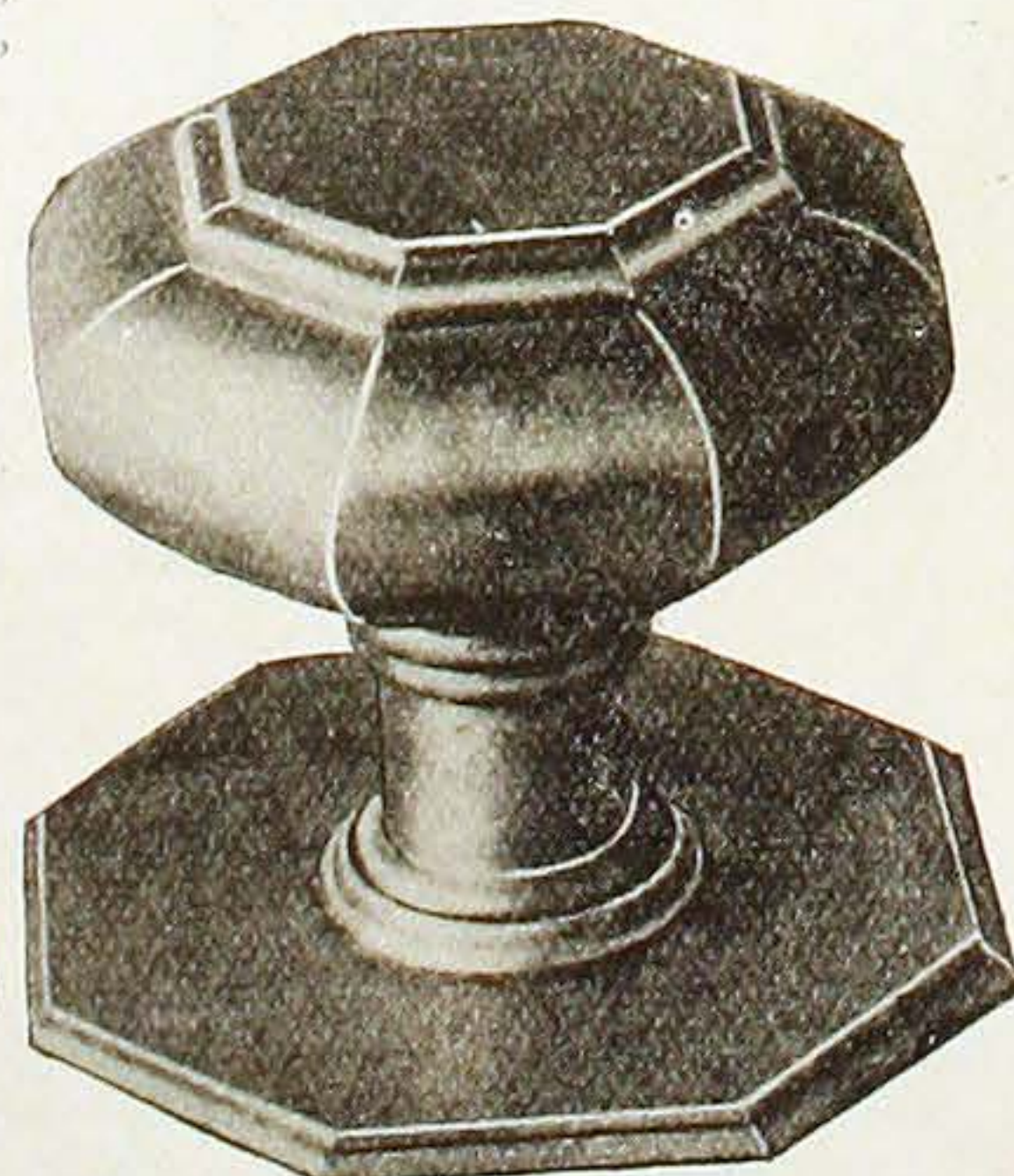
Polished Brass	71/4 each.
C. B. and R. on Brass	71/4 "
Bronze Metal Antique	86/3 "



No. PHS*2552

Size of Knob, 2 1/4"

Polished Brass	11/6 each.
C. B. and R. on Brass	12/- "
Bronze Metal Antique	12/3 "



No. PHS*2549

Size of Knob, 3"

Polished Brass	11/6 each.
C. B. and R. on Brass	12/3 "
Bronze Metal Antique	13/3 "
Oxidized Silver on White Metal	15/9 "
For Price in Iron see page 241.	



No. PHO 6974

Size 5" x 3 1/4"

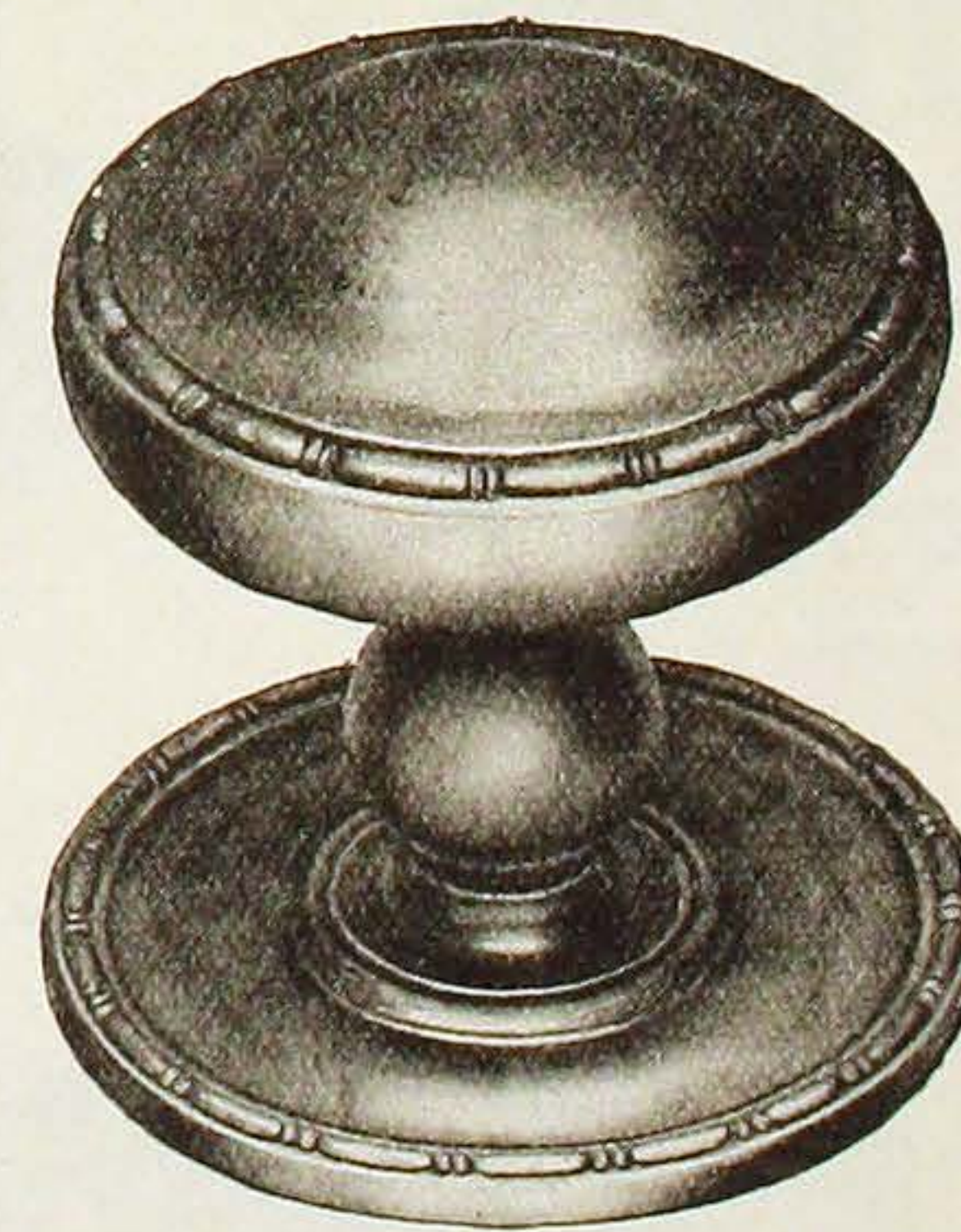
Polished Brass	20/3 each.
C. B. & R. on Brass	21/- "
Bronze Metal	22/- "
Antique	22/- "
Oxidized Silver on White Metal	25/4 "



No. PHS*5626

Size of Knob, 3"

Polished Brass	9/9 each.
C. B. and R. on Brass	10/6 "
Bronze Metal Antique	11/10 "
Oxidized Silver on White Metal	13/2 "
For Price in Iron see page 241.	



No. PHS*5624

Registered, 3 1/4"

Polished Brass	15/- each.
C. B. and R. on Brass	15/9 "
Bronze Metal Antique	16/9 "
Oxidized Silver on White Metal	19/3 "

Latch Handles and Furniture



SPECIALITY.
No. PHS*2706 Size 9" x 1 1/4"
Handle only. Latch Furniture priced on right.

	dozen.	each.
Polished Brass ..	84/-	7/2
C. B. & R. on Brass ..	98/-	8/4
Bronze Metal Antique ..	112/-	9/6
Ox. Silver on White Metal ..	140/-	12/-



No. PHS*2709
Complete with Furniture
No. PHS*2705 shown above.
Size 12" x 2 1/4"

Polished Brass ..	16/6 set.
C. B. & R. on Brass ..	17/9 "
Bronze Metal Antique ..	20/3 "
Oxidized Silver on ..	
Brass ..	25/- "

Including Keyhole not shown in illustration.



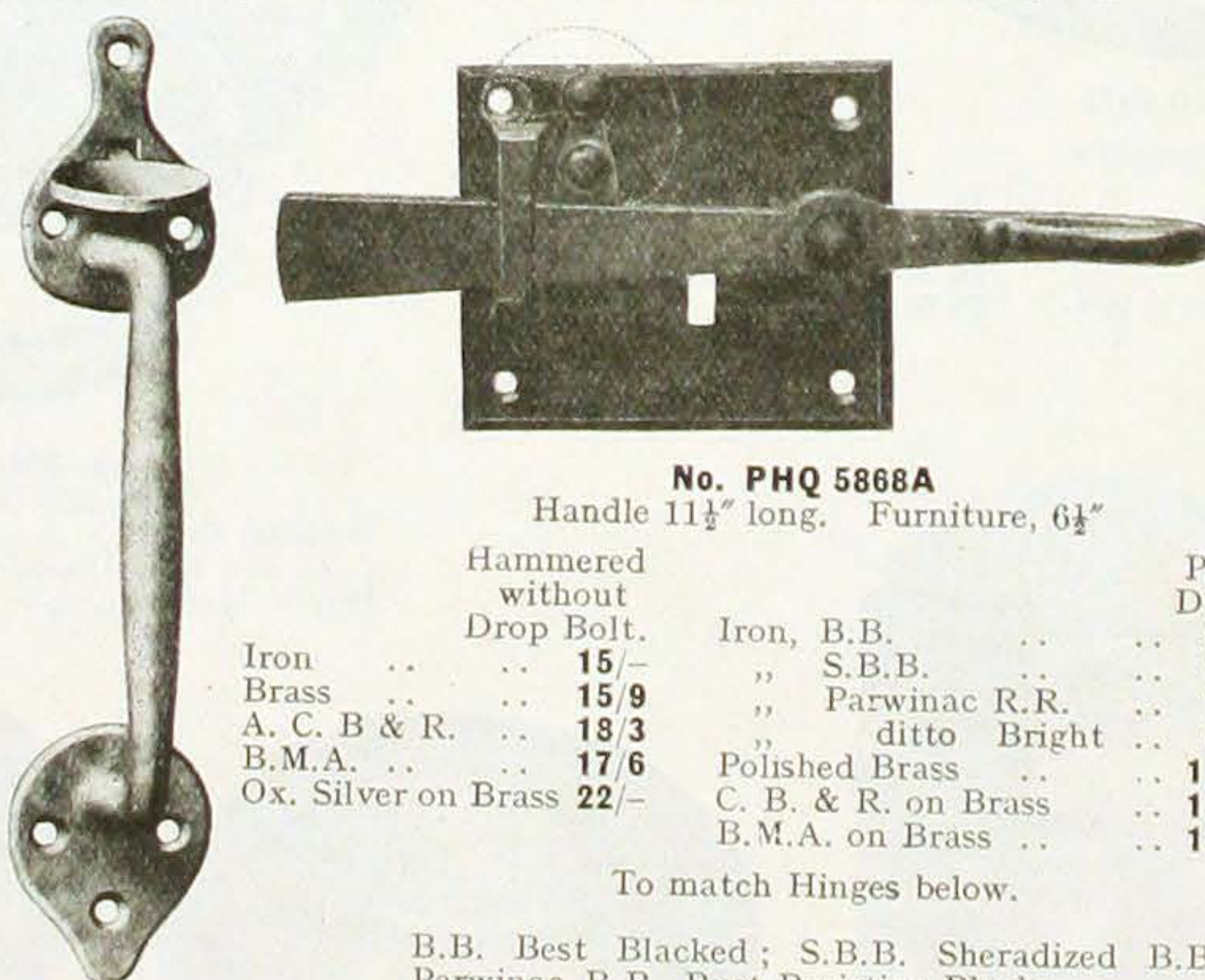
**LIQUOR
VAULTS
LATCH.**

No. PHQ 2721 Door Handle only.

Size	9"		12"	
	doz.	each.	doz.	each.
Brass ..	96/3	8/3	106/9	9/-
C. B. & R. on Brass	109/6	9/3	120/-	10/3
Bronze Metal Ant.	128/8	10/9	141/9	12/2
Oxidized Silver on				
White Metal	162/-	13/8	175/-	14/9

Furniture priced separately above.

BEST ANTIQUE HAMMERED LATCHES AND HINGES.
(Specially designed for the Home of the Cowley Fathers, Westminster).



No. PHQ 5868A
Handle 11 1/2" long. Furniture, 6 1/2"

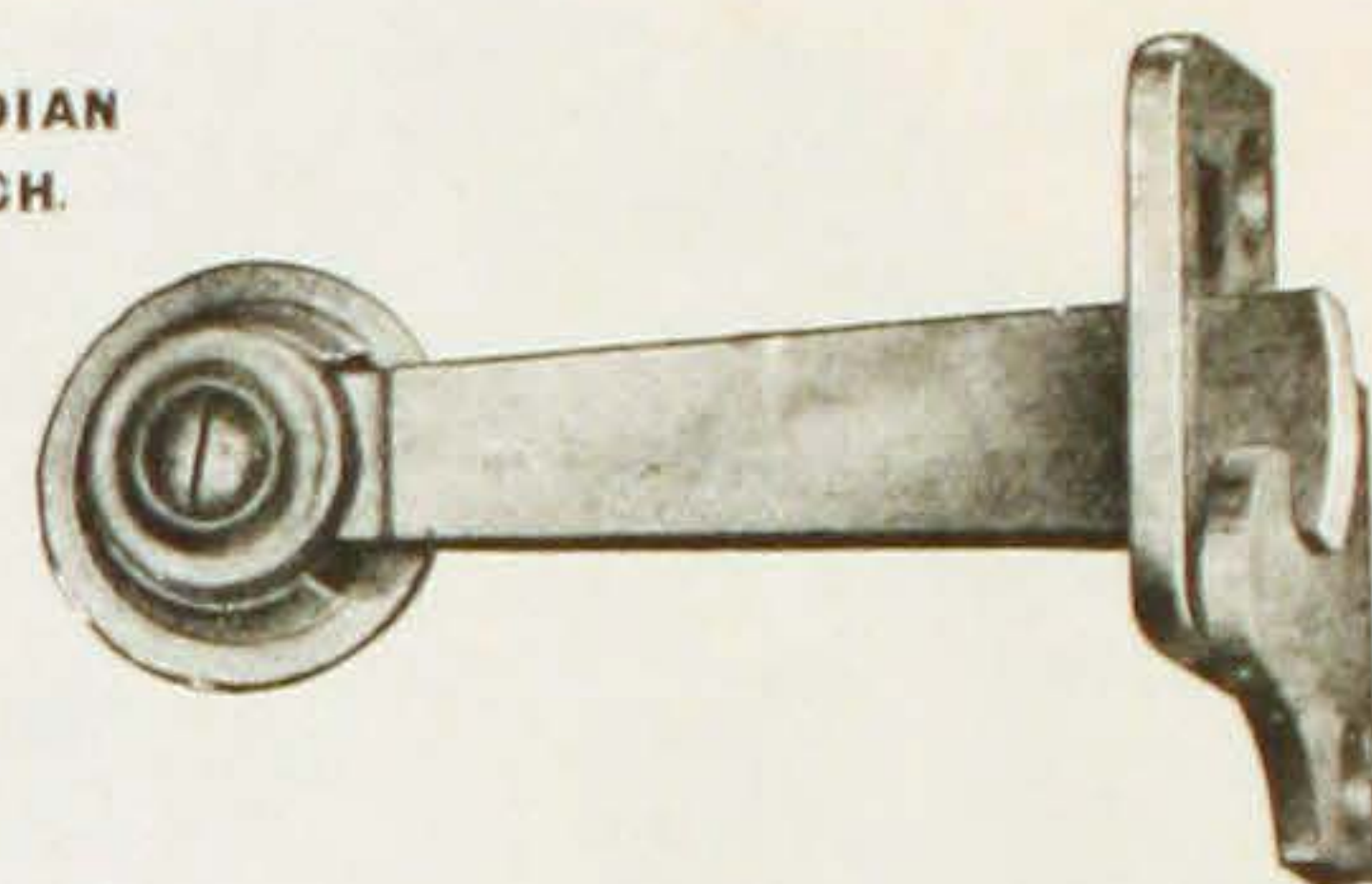
	Hammered without Drop Bolt.	Iron, B.B.	Plain with Drop Bolt.
Iron ..	15/-	S.B.B. ..	5/3 per set.
Brass ..	15/9	" Parwinac R.R. ..	7/- "
A. C. B. & R. ..	18/3	" ditto Bright ..	6/2 "
B.M.A. ..	17/6	Polished Brass ..	11/6 "
Ox. Silver on Brass ..	22/-	C. B. & R. on Brass ..	12/9 "
		B.M.A. on Brass ..	13/2 "

To match Hinges below.

B.B. Best Blacked; S.B.B. Sheradized B.B.;
Parwinac R.R. Rust Resisting Black.

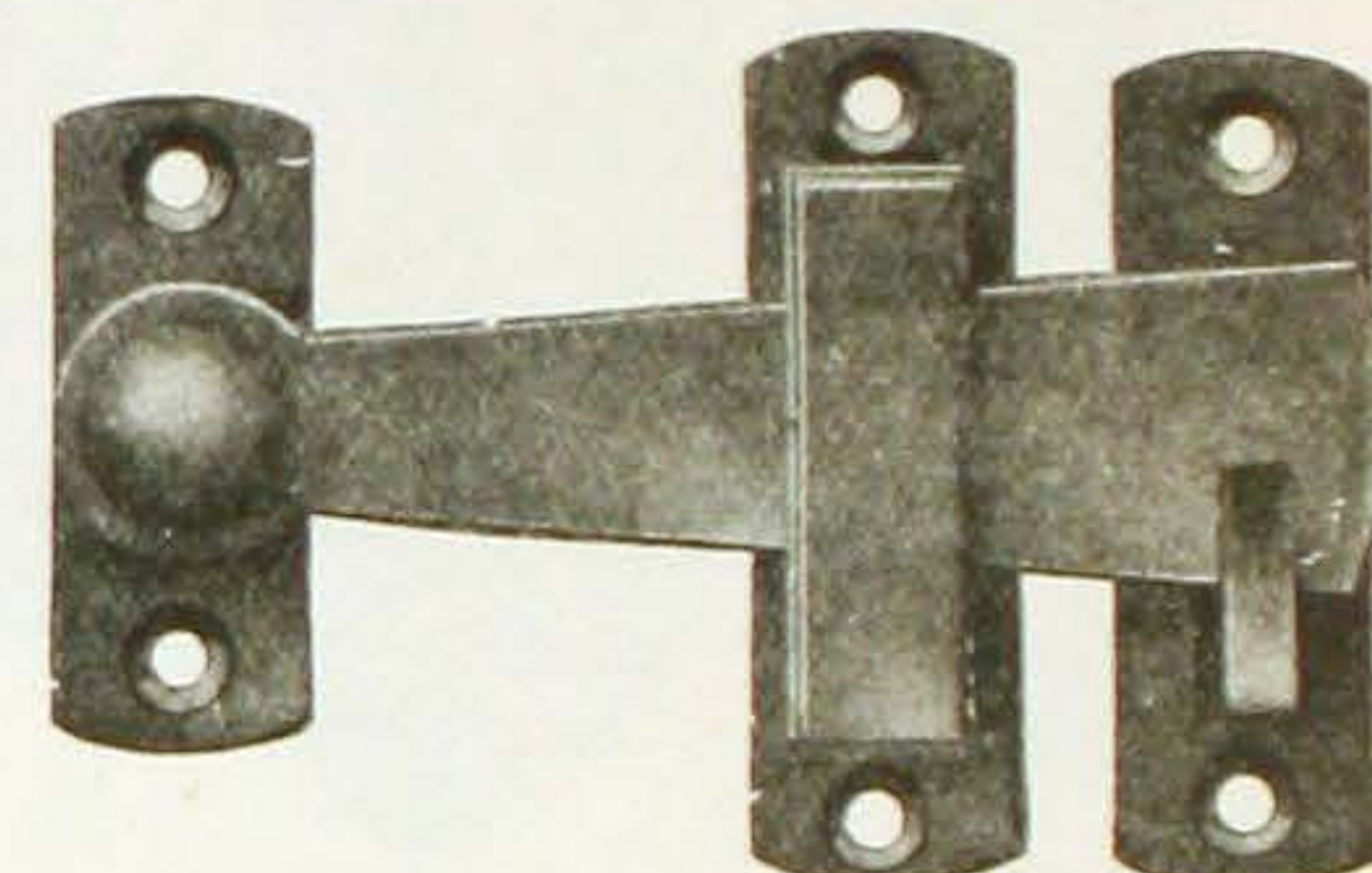
PHS—Stock Lines
(*Stocked only in Brass and B.M.A.) ;
PHQ—Quick Delivery.

**CANADIAN
LATCH.**



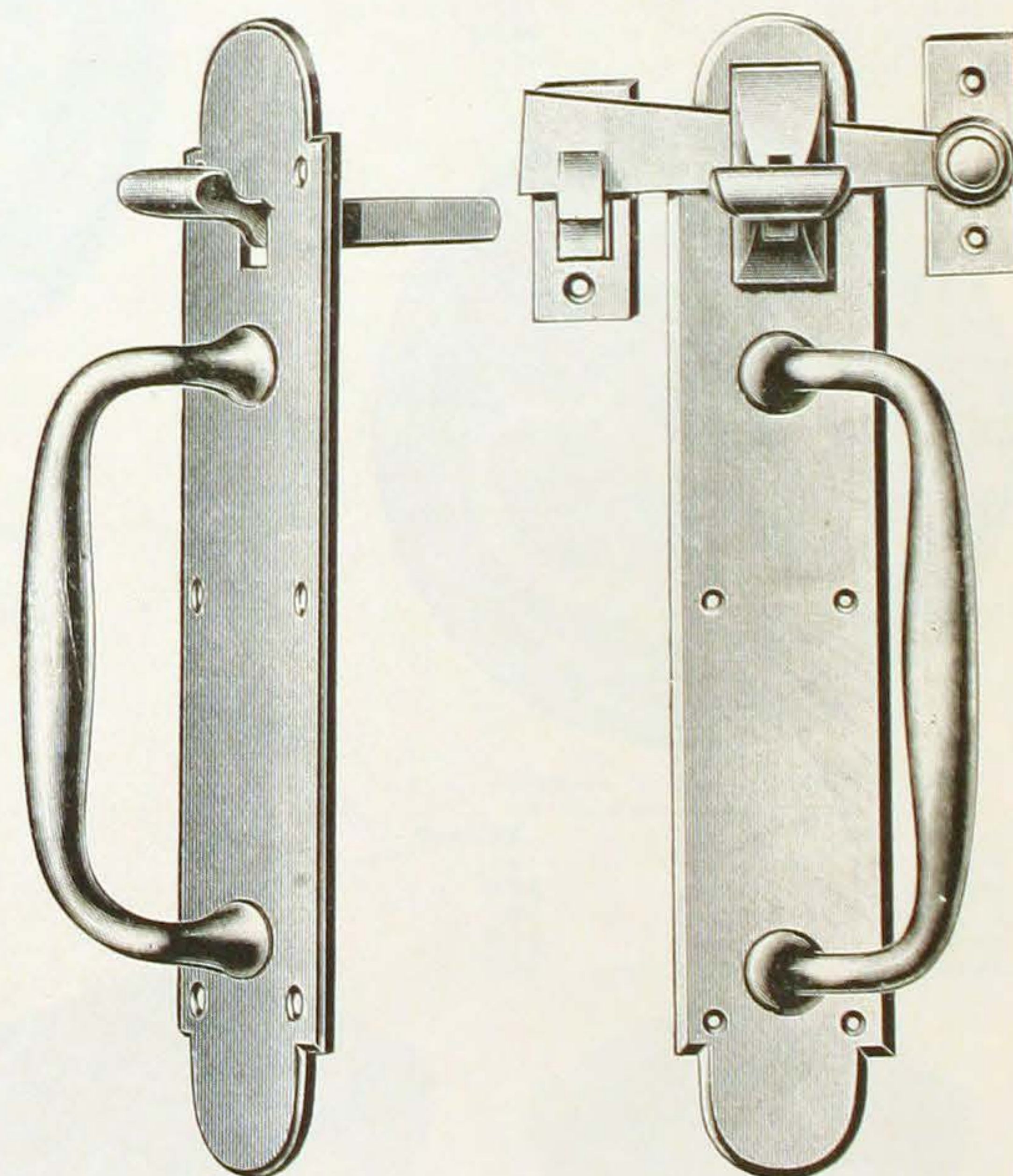
No. PHS*2703
Complete with Furniture. Size 4"

Brass ..	6/9 per set.
C. B. & R. on Brass ..	7/9 "
Bronze Metal Antique ..	9/- "
Oxidized Silver on White Metal ..	12/6 "



No. PHS*2705 Furniture only.
4" long.

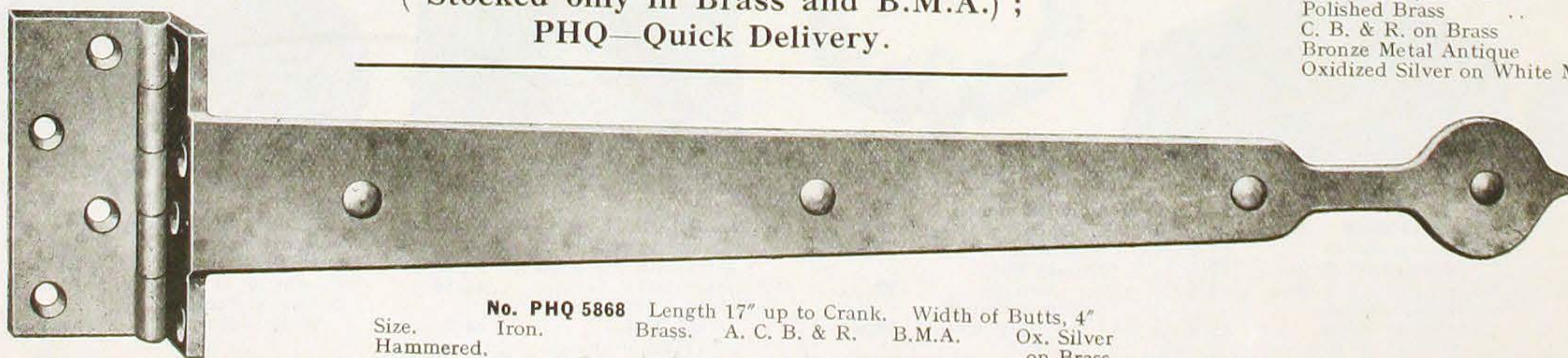
Polished Brass ..	3/6 per set.
C. B. & R. on Brass ..	3/9 "
Bronze Metal Antique ..	4/6 "
Oxidized Silver on Brass ..	4/9 "



No. PHS*6757

DOUBLE LATCH HANDLES with FURNITURE.

Handle size, 11" x 2"	Furniture size, 4 1/4"
Polished Brass ..	23/- per set.
C. B. & R. on Brass ..	25/- "
Bronze Metal Antique ..	25/9 "
Oxidized Silver on White Metal ..	31/3 "



No. PHQ 5868 Length 17" up to Crank. Width of Butts, 4"

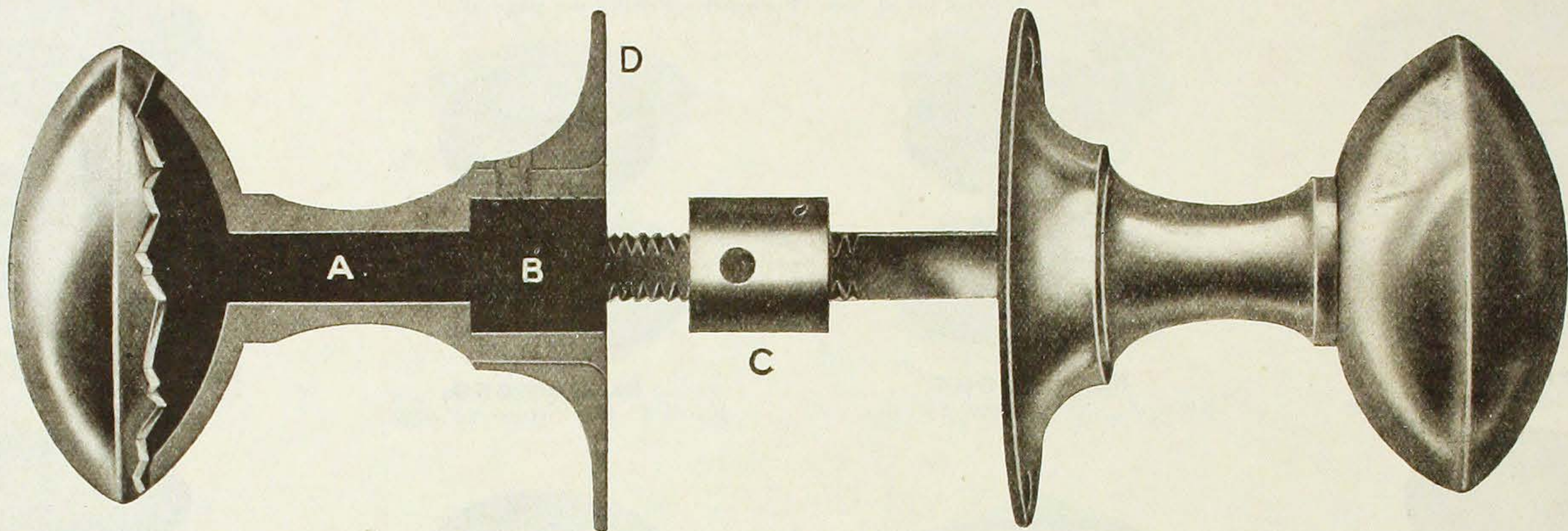
Size.	Iron.	Brass.	A. C. B. & R.	B.M.A.	Ox. Silver on Brass.
Hammered.					
20" ..	34/6	35/-	37/9	40/3	45/6 per pair.
24" ..	36/3	36/9	39/6	42/-	49/- "
26" ..	38/-	38/6	41/2	43/0	50/- "

"B" Basis.

Extra for Chromium Plating
Stainless, any of the above
Latch Handles, exclusive of
Furniture, 7/- each nett.

The "Forward" Patent Lock Furniture

PRICED PER



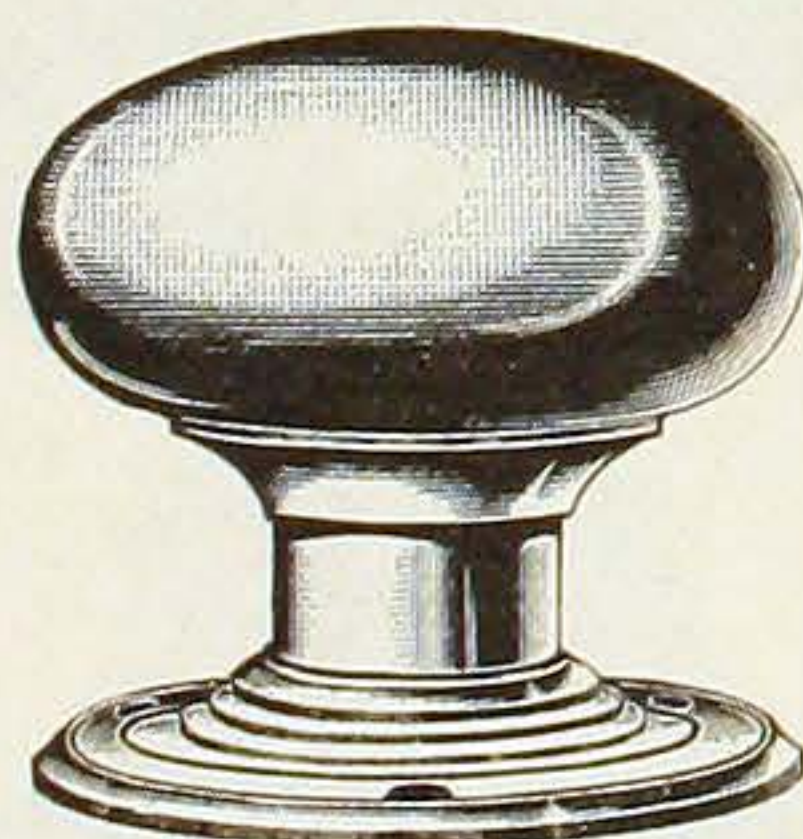
No. PHS 2021 Oval 2 1/4" in Plain Brass, Bronze and Antique Bronze.
For price, see foot of page.

- A is square hole in solid neck of knob, which takes all strain off set screw.
B is round socket for covering adjusting nut.
C is adjusting nut for regulating to any thickness of door.
D is rose.

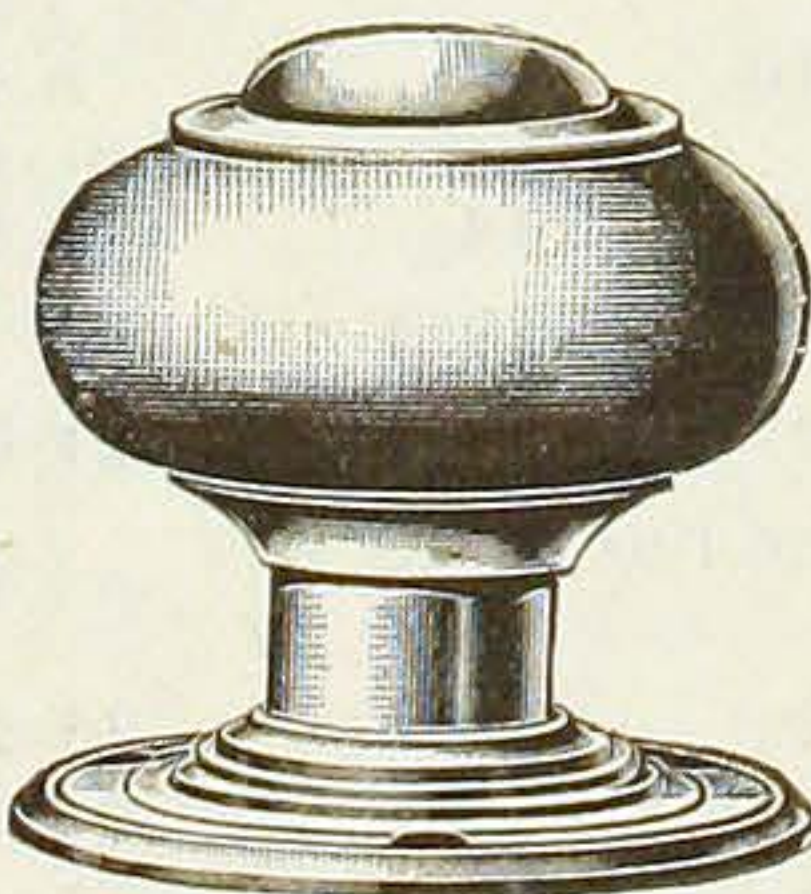
TO FIX.

Take off loose end knob and adjusting nut C. Put spindle through lock and door and adjust nut to thickness of door. Push loose end knob straight on spindle and over adjusting nut. Insert set screw. Turn rose and screw to door.

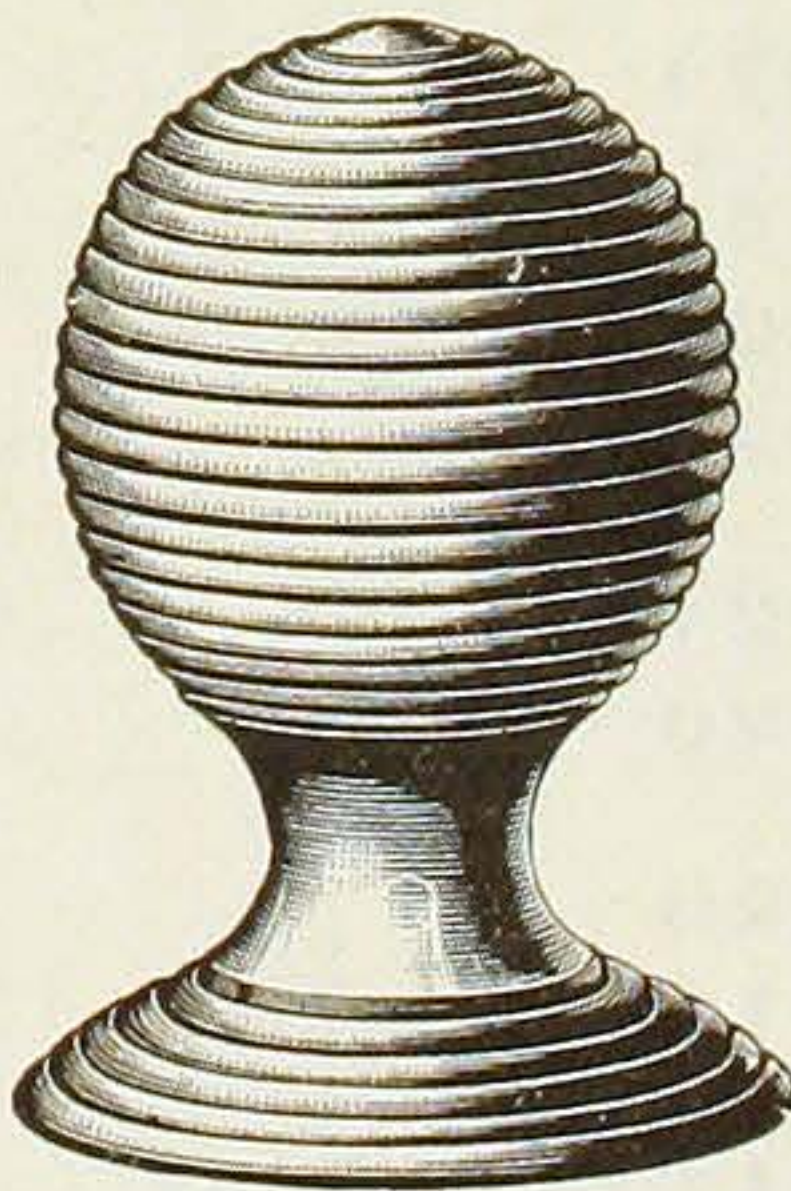
THE "FORWARD" PATENT LOCK FURNITURE is the outcome of 60 years' practical experience of Lock Furniture Making and eclipses all previous inventions. Its advantages are its great strength and durability obtained by all wear and tear being equally distributed.
ITS ADJUSTMENT is perfect, yet simple. It has no delicate or complicated parts. It does not bind the latch bolt. It is made in one quality only, THE BEST.



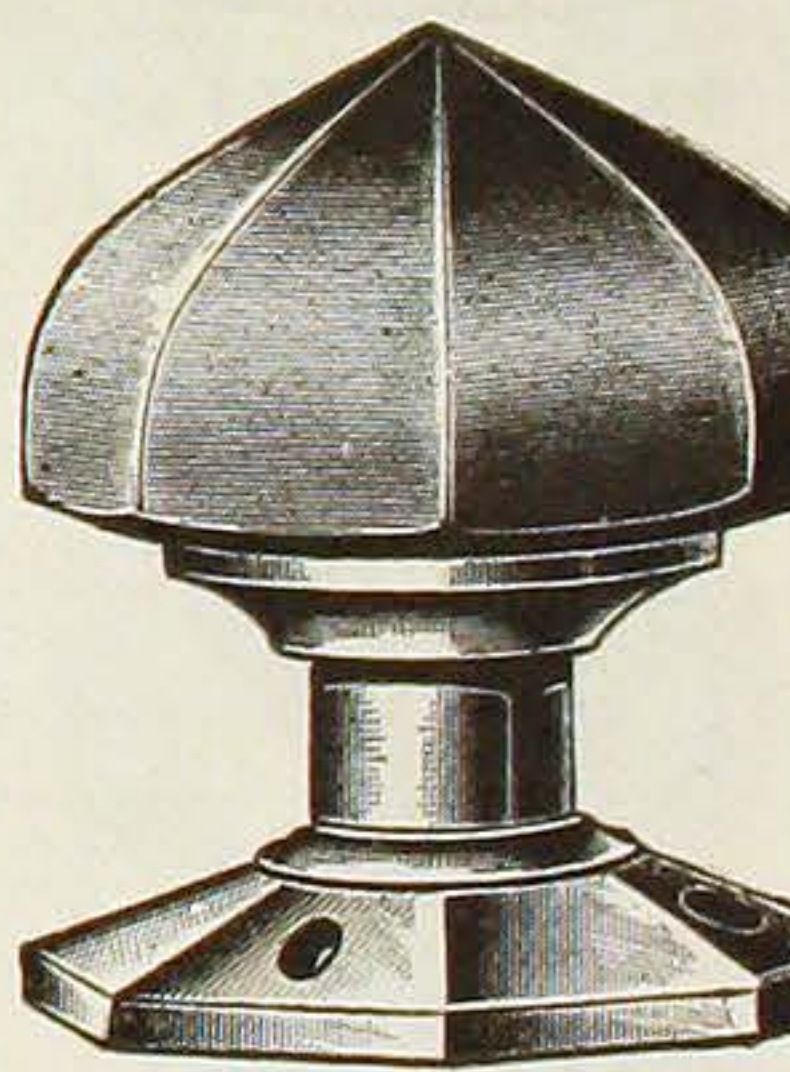
No. PHS 2001
Solid Cast Brass.



No. PHS 2003
O.G.



No. PHS 2005
Reeded. Solid Cast Brass.



No. PHS 2006
Cast. Octagon.

No. PHS 2000
Plain Brass.

No. PHS 2002
Milled Edge Brass.

Prices in Brass with "Forward" Fitting.

No.	Description	RIM.				per set.	MORTICE.				per set.
		2"	2 1/8"	2 1/4"	2 1/2"		2"	2 1/8"	2 1/4"	2 1/2"	
No. PHS 2000	Very Strong Plain Brass Polished	4/10	5/3	5/6	—	per set.	6/2	6/6	6/10	—	per set.
" PHS 2001	Solid Cast Brass Polished	—	—	9/9	—	" "	—	—	11/-	—	" "
" PHS 2002	Milled Edge Brass	5/2	5/6	5/10	—	" "	6/6	6/10	7/2	—	" "
" PHS 2003	O.G.	—	—	6/-	—	" "	—	—	7/3	—	" "
" PHS 2005	Reeded, Solid Cast Brass	10/6	—	—	—	" "	10/6	—	—	—	" "
" PHS 2006	Cast, Octagon	—	—	—	14/6	" "	—	—	—	15/-	" "
" PHS 2021	Oval, plain	—	—	9/8	—	" "	—	—	10/-	—	" "

All PHS—Stock Lines.

Extra for Chromium Plating Stainless for any of the above Furniture, 5/- per set nett.

" B " B

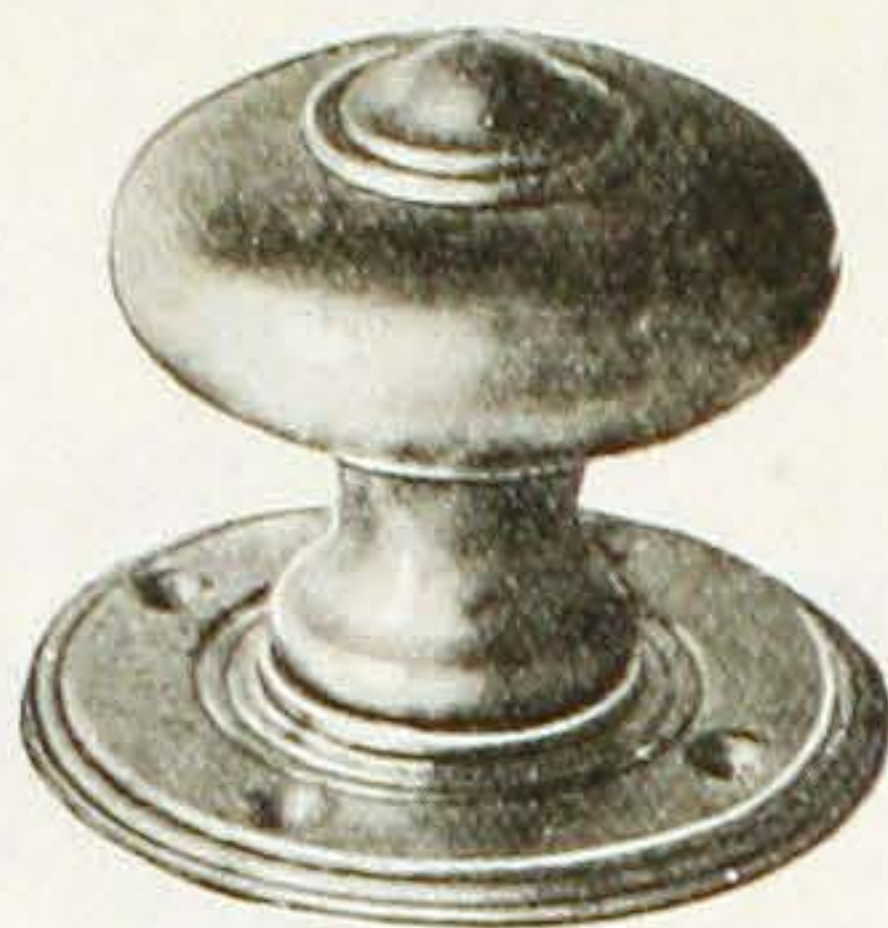
The "Forward" Fitting can only be supplied where priced.

Best Lock Furniture

For a description of the "Forward" Fitting see page 47.



No. PHS*6912
Knob $3\frac{1}{4}$ " dia. Rose $2\frac{1}{2}$ " dia.



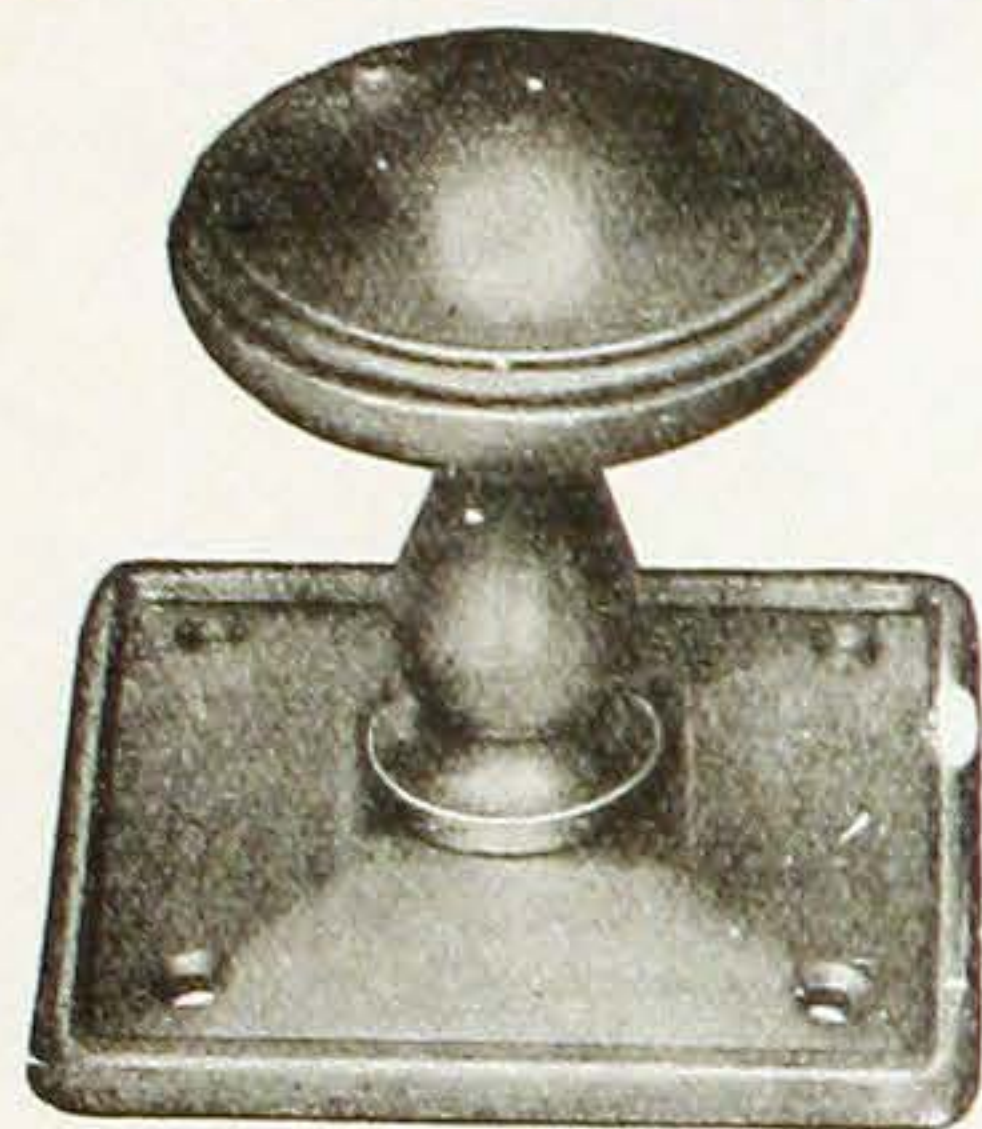
No. PHS*6904
Knob $2\frac{1}{4}$ " dia. Rose $2\frac{1}{2}$ " dia.



No. PHS*6459
Knob 2" dia. Rose $2\frac{1}{8}$ " dia.



No. PHS*2071
Stamped Knob.
Heavy Machine made Rose.
Knob $2\frac{3}{4}$ " x $1\frac{1}{8}$ " Rose $2\frac{3}{8}$ " dia.
*Stocked only in Polished Brass.



No. PHS*5444
Knob $2\frac{1}{8}$ " dia. Rose $2\frac{3}{8}$ " square.



No. PHS*6902
Knob $2\frac{1}{2}$ " dia. Rose $2\frac{1}{2}$ " square.



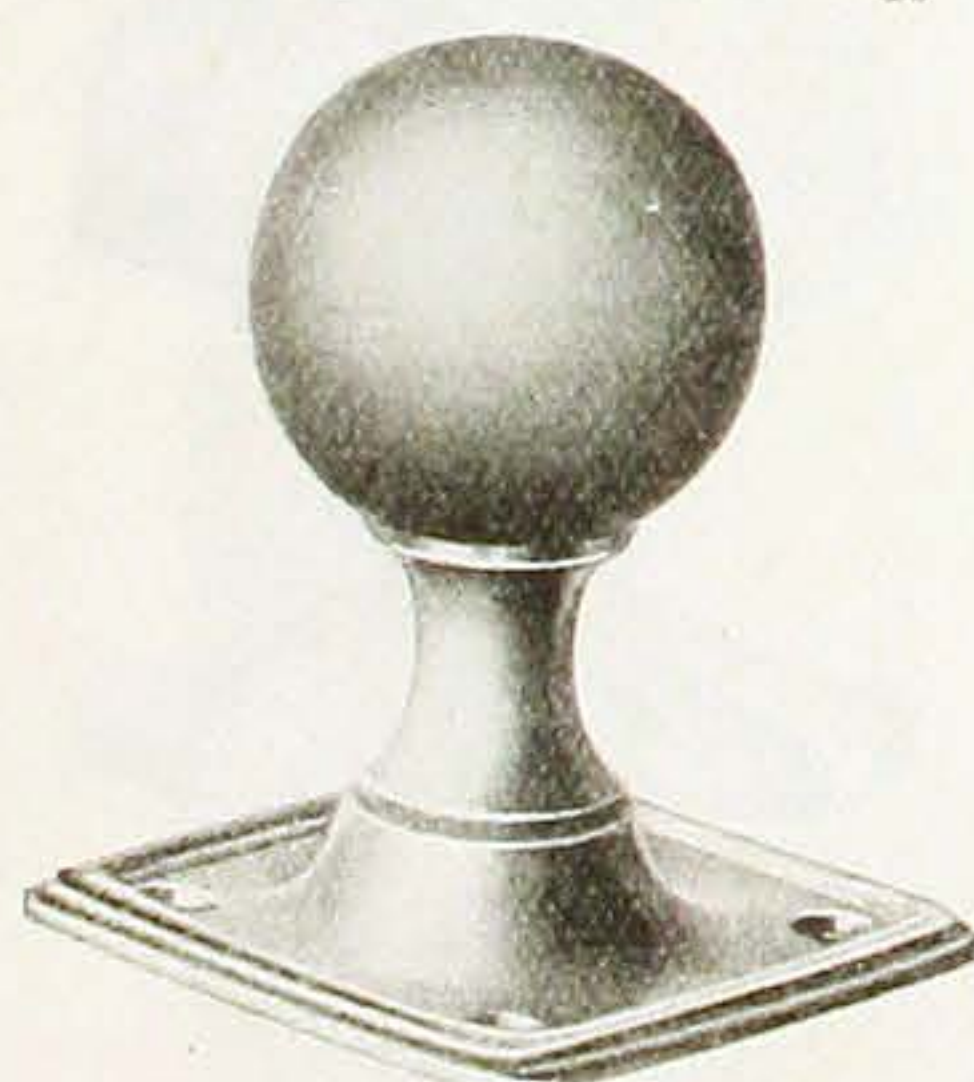
No. PHS*2021 Oval.
Knob $2\frac{1}{4}$ " dia. Rose $2\frac{3}{8}$ "



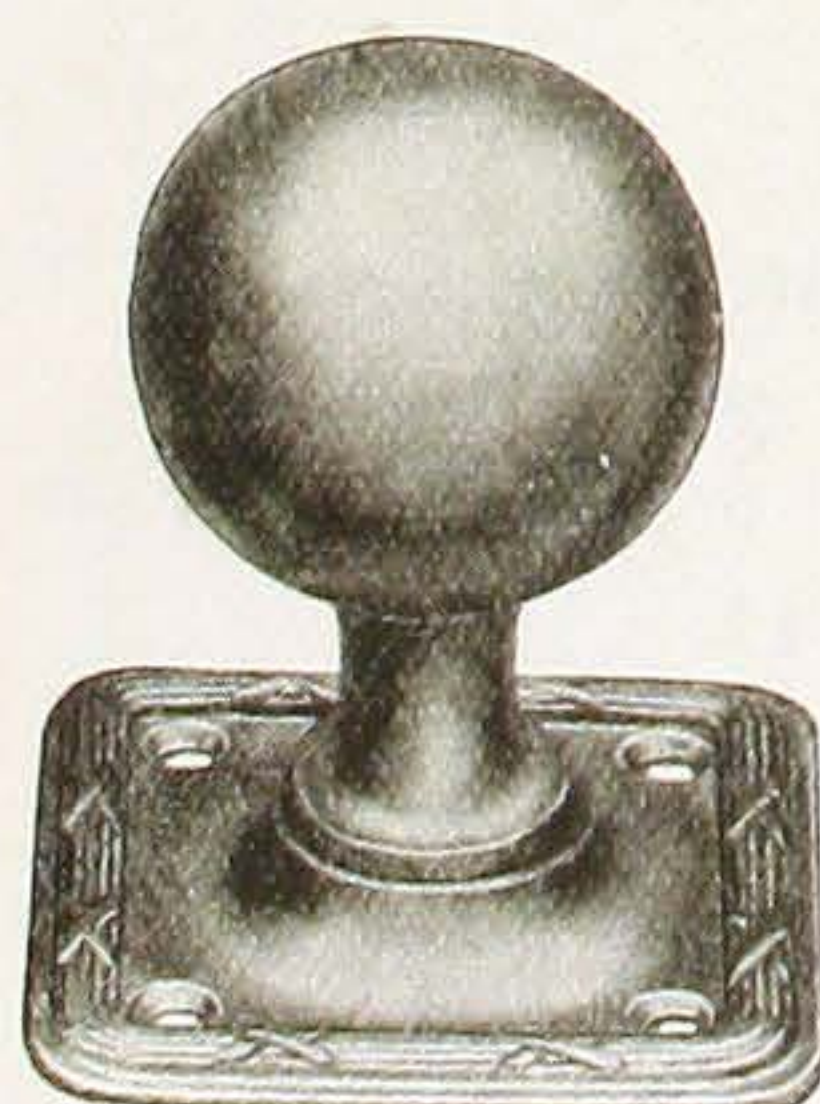
No. PHS*2020
Knob $2\frac{3}{8}$ " x $1\frac{1}{2}$ " Rose $2\frac{5}{16}$ "



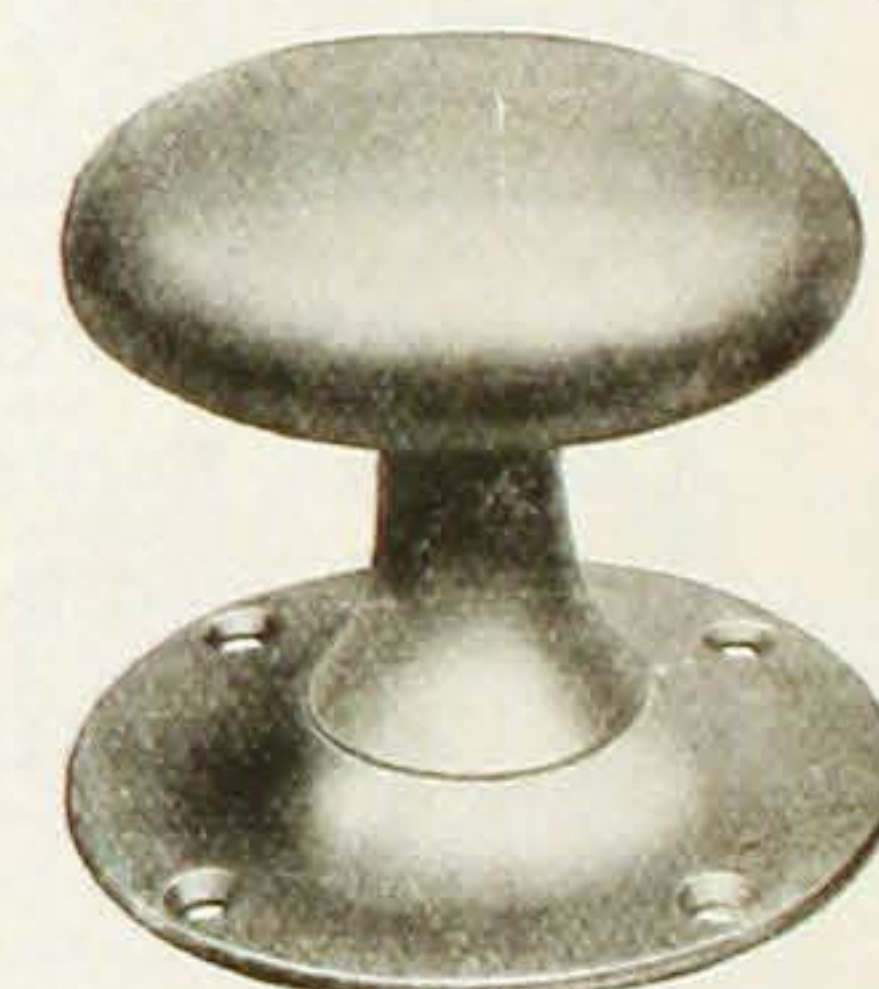
No. PHS*2011
Knob $1\frac{3}{4}$ " dia. Rose $2\frac{5}{16}$ "



No. PHS*5433
Knob 2" dia. Rose $2\frac{3}{4}$ " x $2\frac{3}{4}$ "



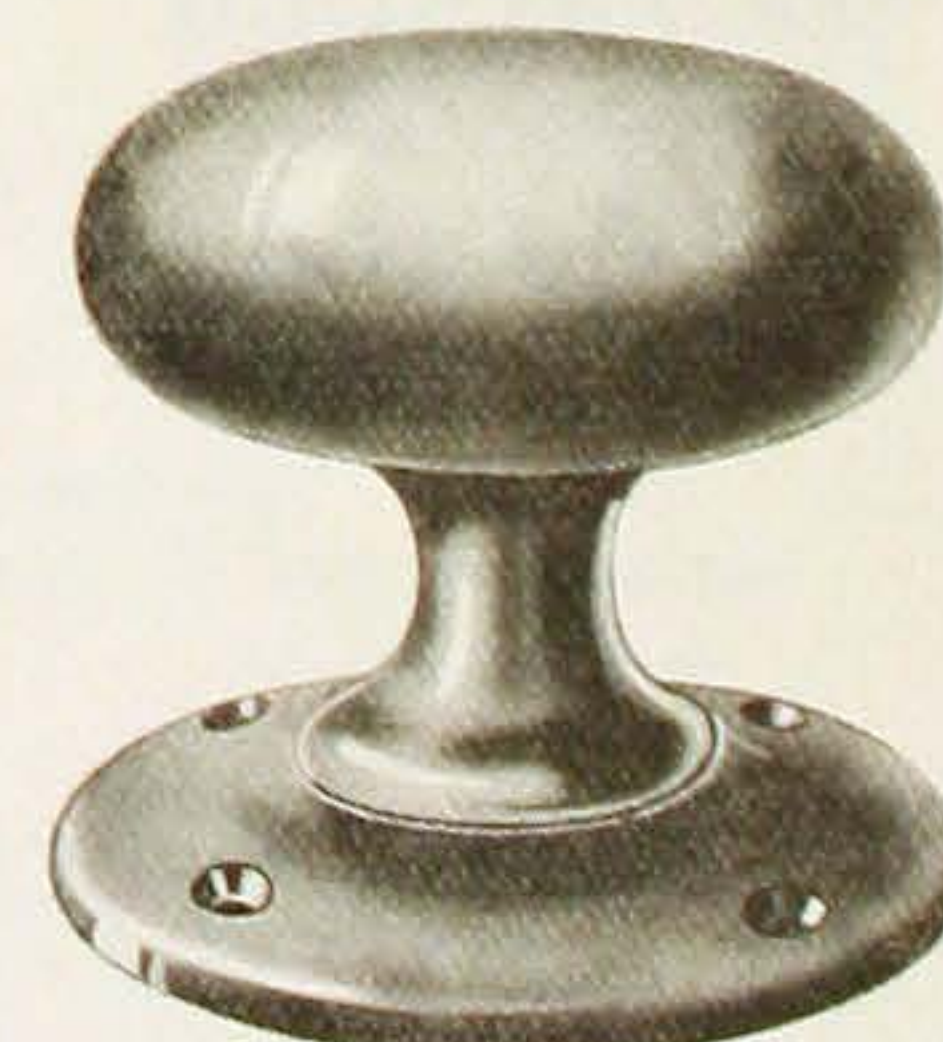
No. PHS*5957
Knob $1\frac{3}{4}$ " dia. Rose $2\frac{1}{2}$ " square.



No. PHS*5954
Knob $2\frac{3}{8}$ " x $1\frac{1}{2}$ " Rose $2\frac{1}{2}$ "



No. PHS*5429
Knob $2\frac{5}{8}$ " x $1\frac{1}{2}$ " Rose $2\frac{5}{8}$ "



Specially designed for Hospitals and Infirmarys.
No angles to harbour dust, etc.
As used in Birmingham General Hospital; Royal Victorian Hospital, Belfast, etc.

No. PHS*2023
Knob $2\frac{3}{8}$ " x $1\frac{1}{2}$ " Rose $2\frac{1}{2}$ "

PRICES OF PITT'S MORTICE FURNITURE.

No.	Polished Brass.	C. B. & R. on Brass.	B.M.A.	Oxidized Silver on White Metal.
PHS*6912	17/9	20/6	22/2	26/6 set.
PHS*6904	10/1	10/8	11/10	14/- "
PHS*6459	12/3	13/2	15/-	18/6 "
PHS*2071	3/2	3/10	—	O.S. on Brass. 6/4 set.
PHS*5444	11/10	12/9	14/-	O.S. on W.M. 16/8 set.
PHS*6902	16/8	17/6	19/3	22/- "
PHS*2021	7/10	8/9	9/8	11/6 "
PHS*2021	10/-	11/-	12/8	— "
PHS*2020	7/7	8/2	9/4	11/2 "
PHS*2020	4/4	4/9	5/4	7/- "
PHS*2011	4/4	4/9	5/4	7/- "
PHS*2011	8/10	9/4	11/2	12/4 "
PHS*5433	7/-	7/10	8/9	10/6 "
PHS*5957	8/-	8/9	9/8	12/3 "
PHS*5954	8/9	9/8	10/6	12/9 "
PHS*5429	7/8	8/3	10/3	13/3 "
PHS*5429	8/10	9/6	11/9	— "
PHS*2023	9/3	9/9	11/9	12/- "
PHS*2023	7/9	8/3	10/3	10/9 "

Average Reduction for Pitt's or Mace's Rim ...

Except Number **PHS 6912** which is 10d. set less on all finishes, and **No. PHS 2071** which is the same price for Pitt's Rim but 6d. per set extra for Mace's Rim.

"Forward" Rim Furniture. 4d. per set less on all finishes.

Extra for Chromium Plating Stainless for any of the above Lock Furniture, 5/- per set nett.

"B" Basis.

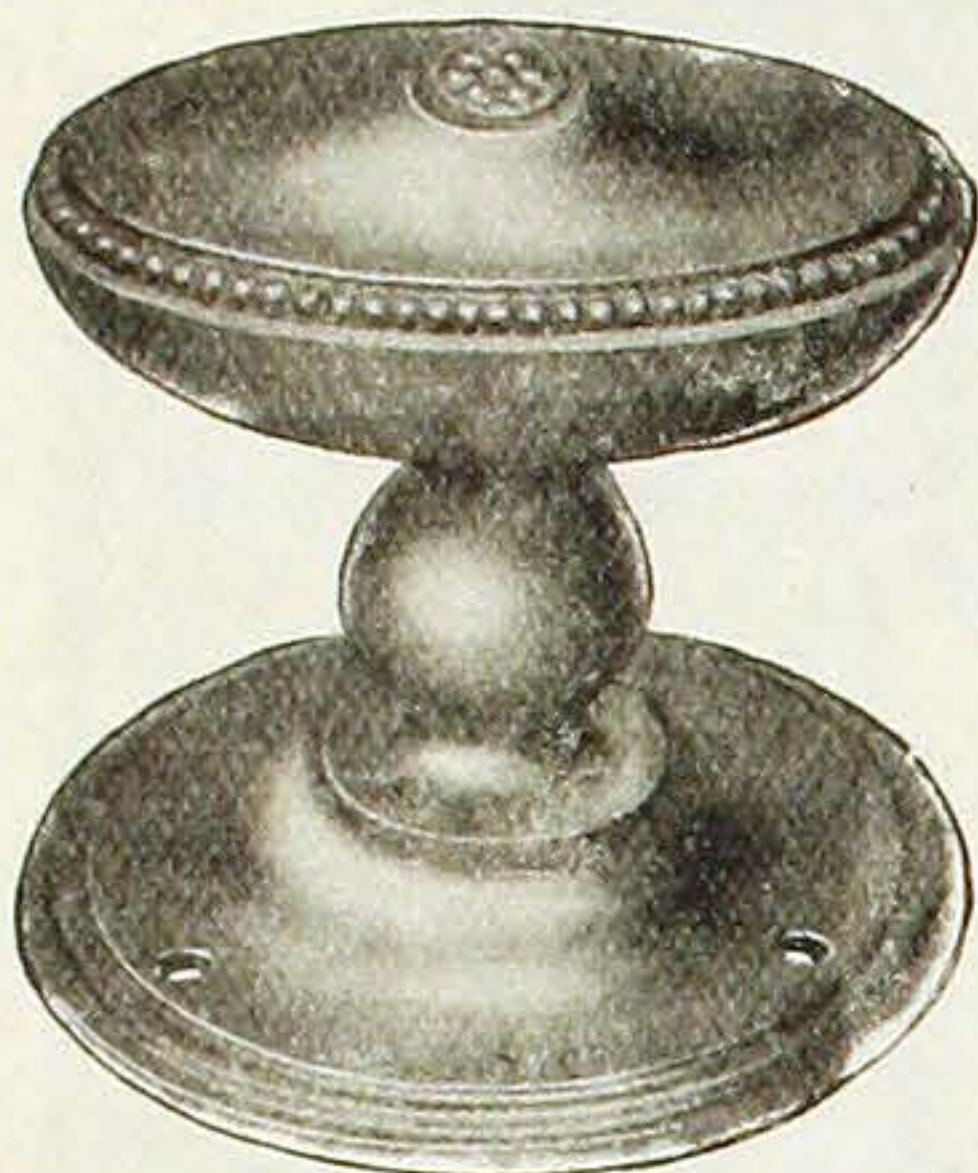
PHS—Stocked only in Brass and B.M.A.

The "Forward" Fitting can only be supplied where priced.

Best Lock Furniture

For a description of the "Forward" Fitting see page 47.

*Stocked only in Brass and B.M.A.



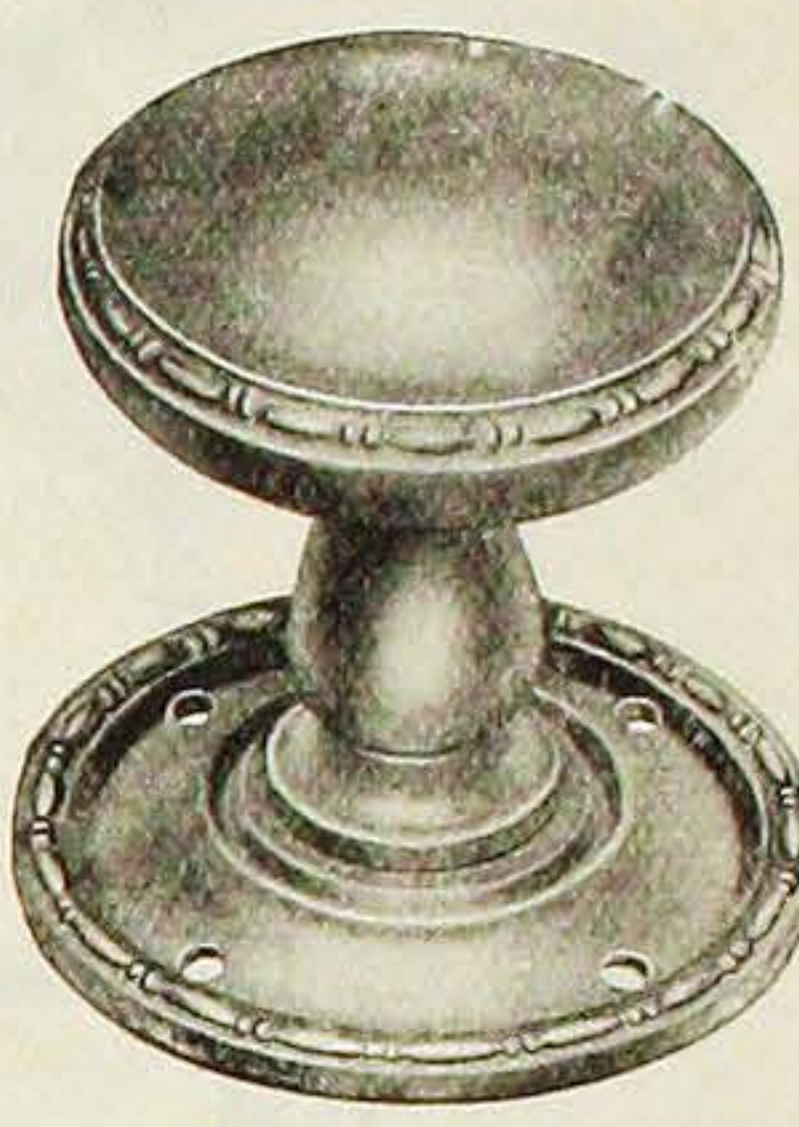
No. PHS*6913
Knob 2 3/4" Rose 2 3/4" dia.



No. PHS*5465 Registered.
Knob 2 1/4" dia. Rose 2 1/4" dia.



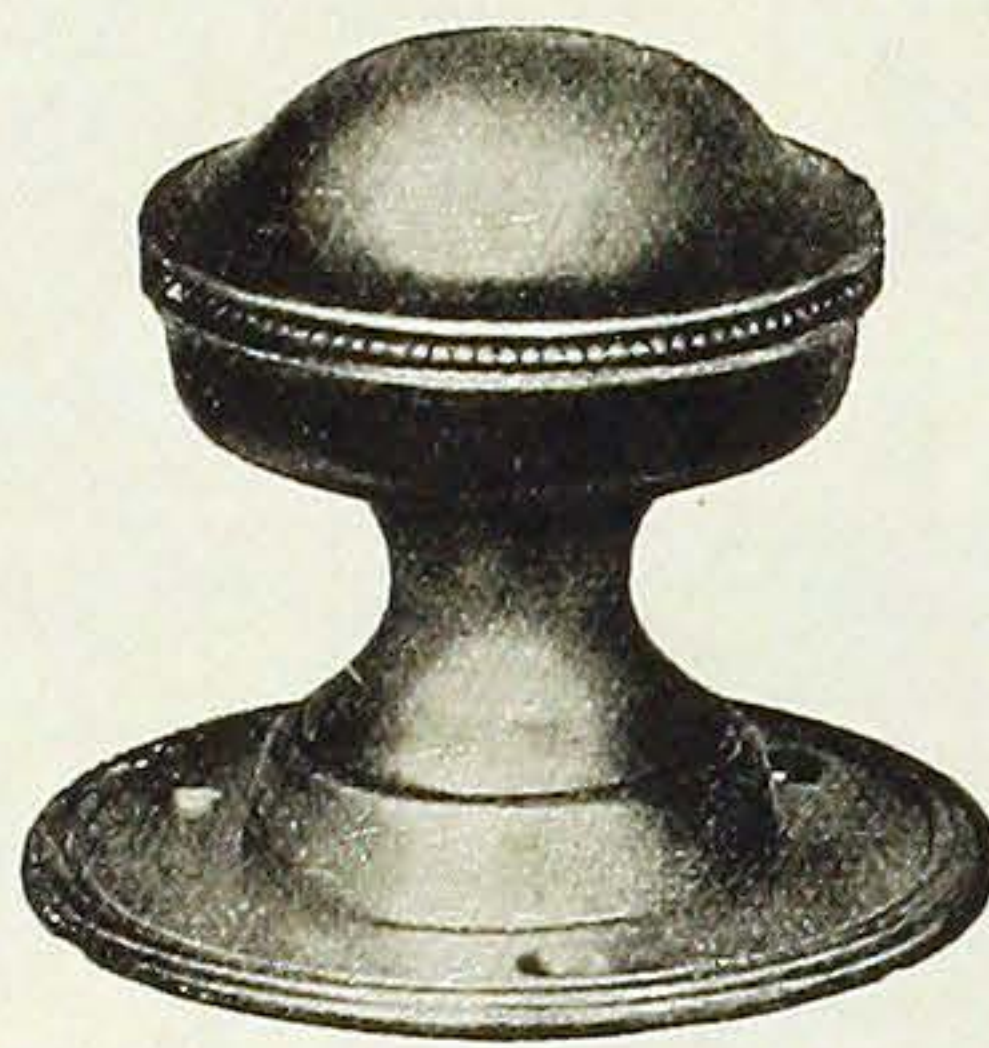
No. PHS*5467
Knob 2 1/2" x 1 1/2" Rose 2 1/2" dia.



No. PHS*5471
Knob 2 1/8" dia. Rose 2 1/4" dia.



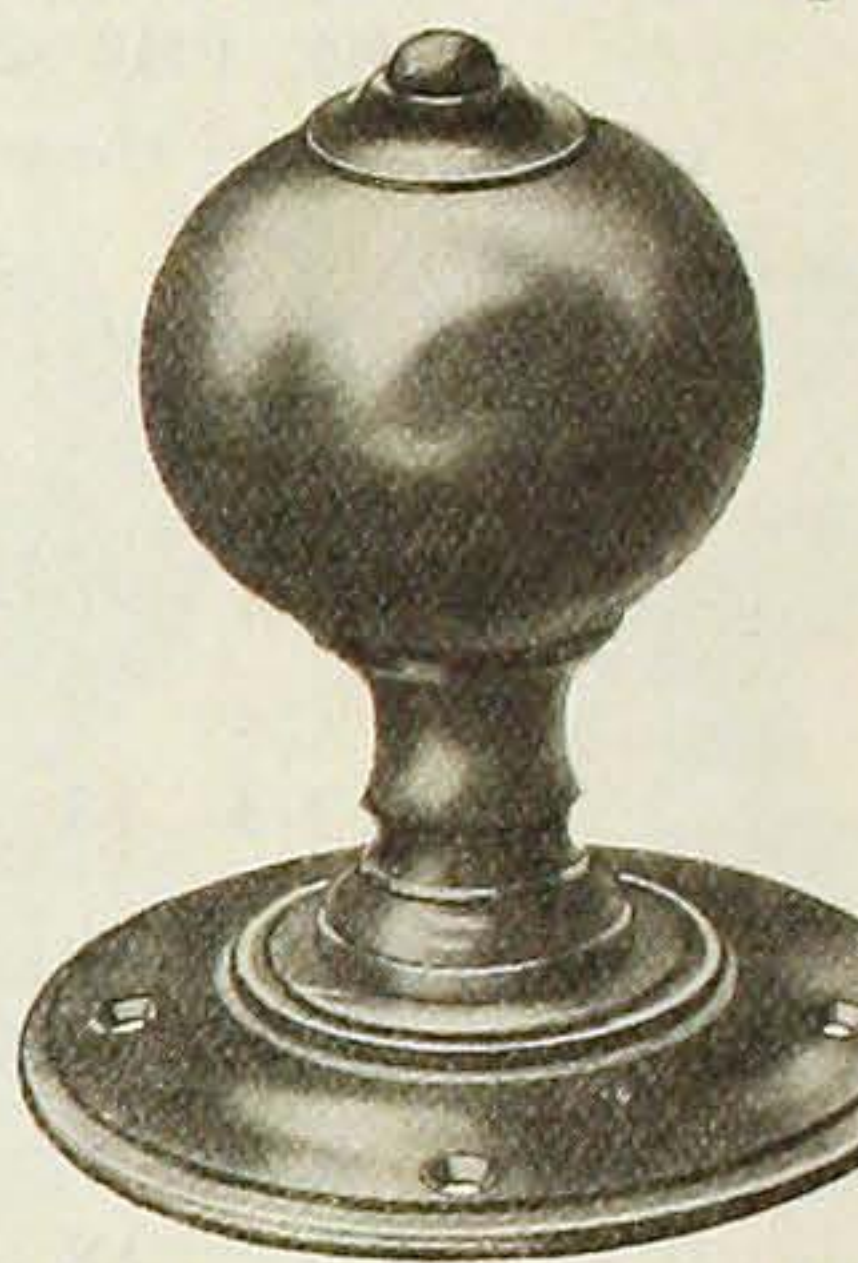
No. PHS*6458
Knob 2" dia. Rose 2 1/4" dia.



No. PHS*2014
Knob 2 1/8" dia. Rose 2 1/2" dia.



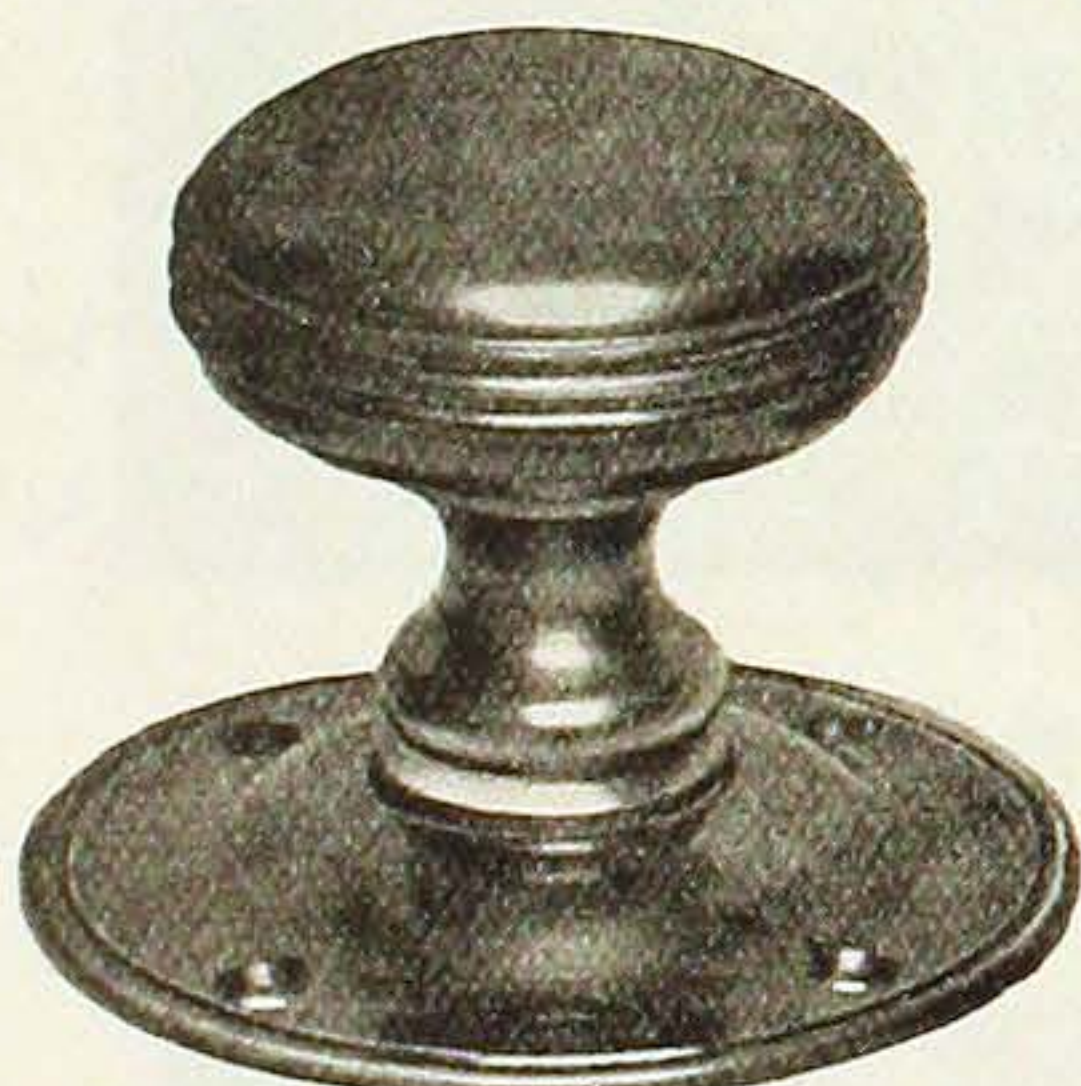
No. PHS*6905
Knob 2 3/8" dia. Rose 2 1/2" dia.



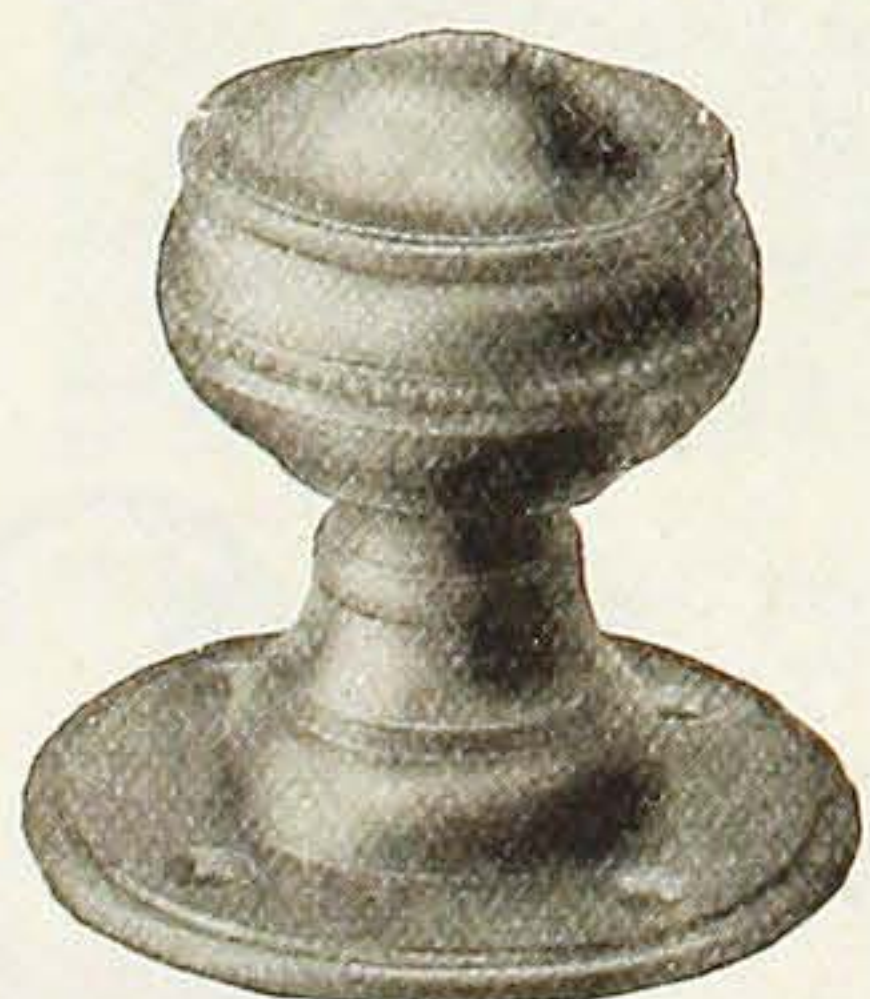
No. PHS*6908
Knob 1 3/4" dia. Rose 2 3/4" dia.

See also Large Rose Furniture on page 14.

PRICES OF PITT'S MORTICE FURNITURE.



No. PHS*6906
Knob 2 1/4" dia. Rose 3" dia.



No. PHS*4600
Knob 1 3/4" dia. Rose 2 1/2" dia.



No. PHS*6468
Knob 2 5/8" x 1 3/8" Rose 2 3/8" square.

No.	Polished Brass.	C. B. & R. on Brass.	B.M.A.	Oxidized Silver on White Metal.
PHS*6913	16/8	19/2	20/10	25/- set.
PHS*5465	14/-	15/-	16/8	19/3 "
PHS*5467	13/2	14/-	16/8	20/2 "
PHS*5471	14/-	15/-	16/8	19/3 "
PHS*6458	16/8	17/6	18/6	22/- "
PHS*2014	9/8	10/6	11/6	14/- "

PHS*2014 "Forward" Mortice Furniture.

12/3	12/8	15/-	"
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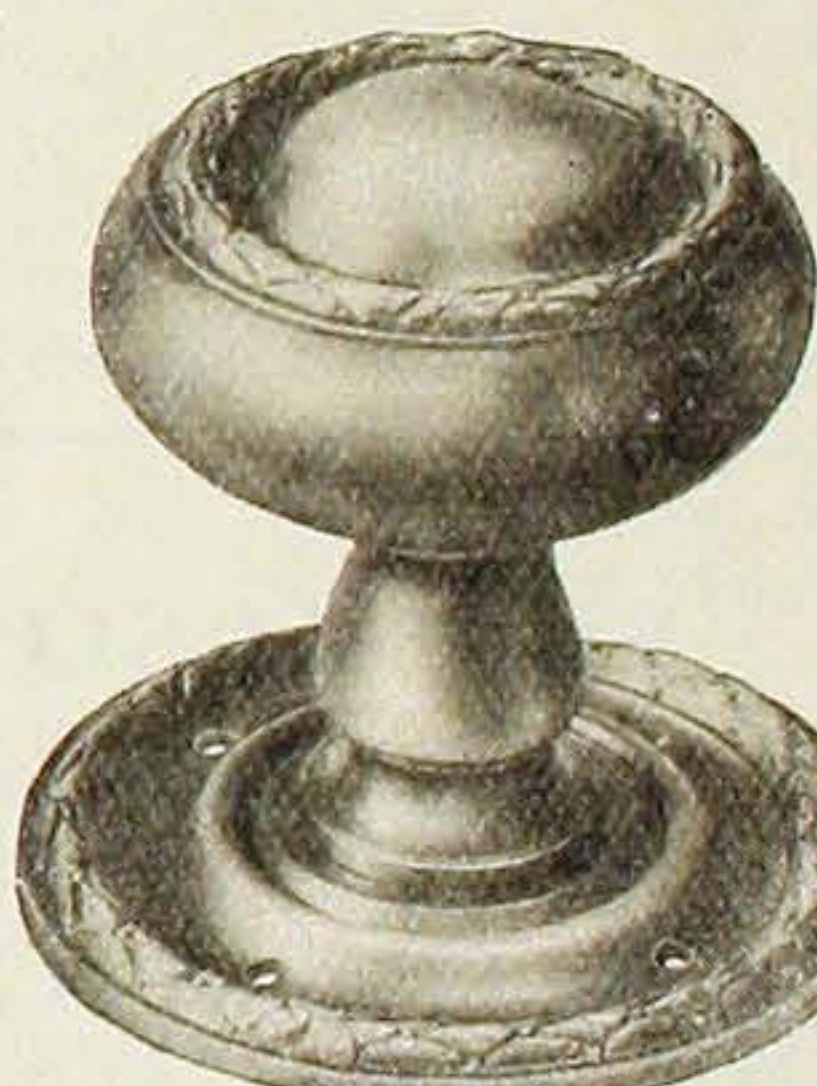
Pitt's Mortice Furniture.

PHS*6905	15/-	15/9	16/8	19/3 "
PHS*6908	10/6	11/6	12/3	15/- "
PHS*6906	10/6	11/6	13/2	16/8 "
PHS*4600	11/6	12/3	13/2	15/9 "
PHS*6468	16/8	17/6	18/6	21/- "
PHS*6910	8/9	9/8	10/-	16/8 "
PHS*6911	8/9	9/8	10/-	16/8 "
PHS*5450	14/2	16/3	17/8	21/3 "

Average Reduction for Pitt's Rim or Mace's Rim Furniture ...

7d.	11d.	1/2	1/6 "
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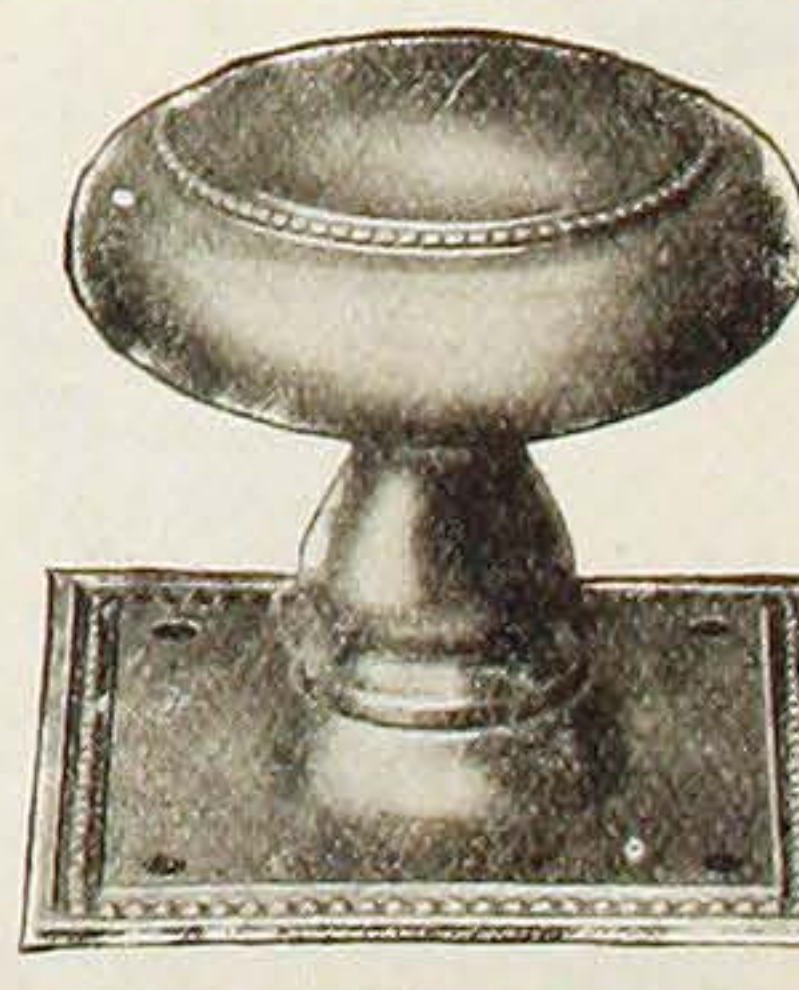
Except Nos. PHS 6913 and PHS 5450 which are 10d. per set less in all finishes "Forward" Rim Furniture, 4d. per set less in all finishes.



No. PHS*6910
Knob 2" dia. Rose 2" dia.



No. PHS*6911
Knob 2" dia. Rose 2 1/2" dia.



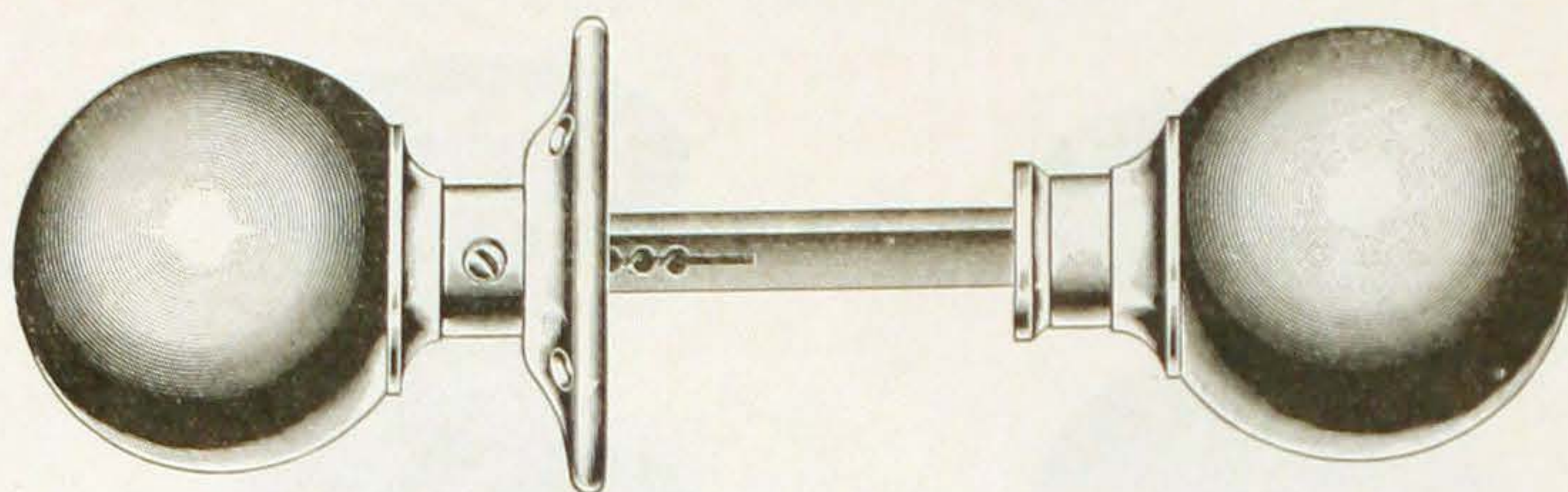
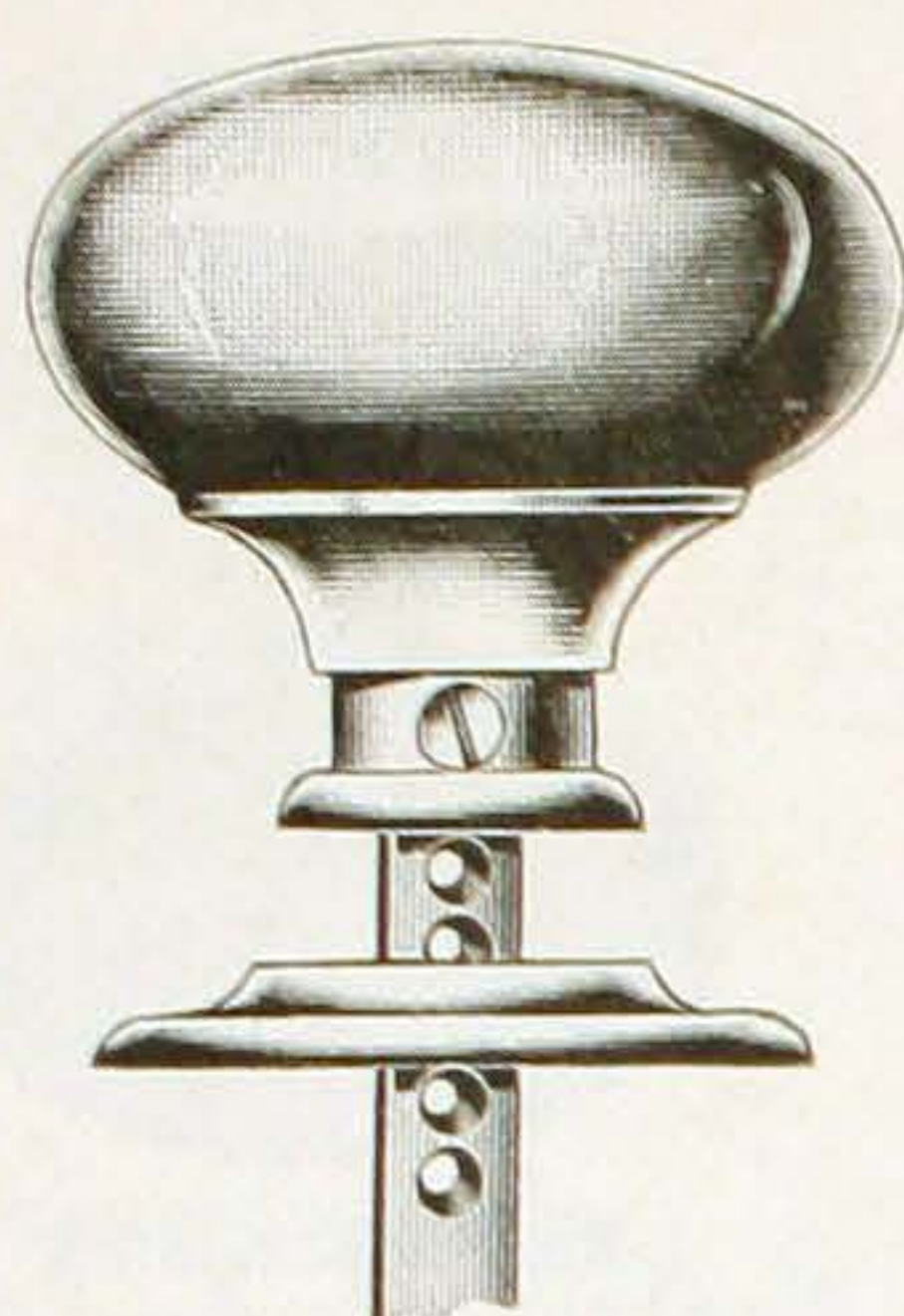
No. PHS*5450
Knob 2 1/4" dia. Rose 2 1/2" dia.

PHS—Stocked only in Brass and B.M.A.

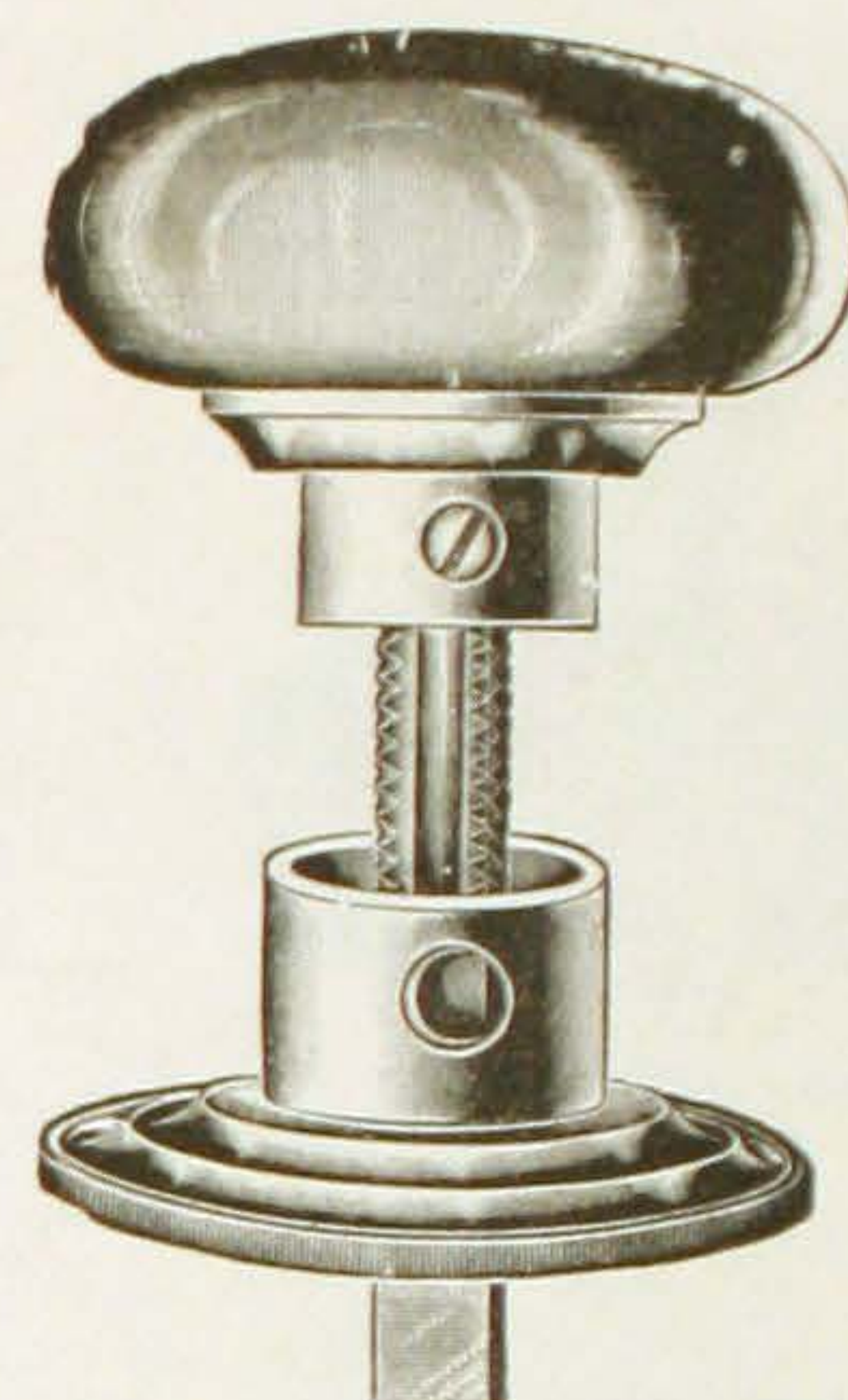
Extra for Chromium Plating Stainless for any of the above, 5/- per set nett.

"B" Ba

Brass Lock Furniture



No. PHS 2103 2" Globe Pattern. Spun Knob. Patent Split Spindle.
Cannot become loose. Brass.
Rim, 33/3 dozen sets, 3/- per set. Mortice, 45/6 dozen sets, 4/- set.



Nos. PHS 2104 and PHS 2106

Ordinary Strength. Extra Strong.

Mace's Cast Rose.

This principle is too well-known to need further description.

No. PHS 2104 Rim Latch Furniture.

Size ... 5" 6"

Diam. of Knob... 1 5/8" 1 3/4"
12/- 13/3 dozen sets.

Nos. PHS 2104 and 2106

Mortice and Rim Furniture.

Size	5"	6"	7"	8"	9"	10"
Diam. of Knob	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"

No. PHS 2104

Ordinary Strength—

Rim Furniture	12/6	14/-	15/3	16/6	18/-	19/9
Mortice	21/-	22/6	23/9	25/9	—	31/6

No. PHS 2106

Extra Strong—

Rim Furniture	—	20/3	22/3	24/-	26/-	29/-
Mortice	—	33/-	34/9	37/9	—	46/3

Per dozen Sets.

No. PHS*2108

Wilkes' drilled through furniture.

Size	4"	5"	6"	7"	8"
Diam. of Knob	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"

Stamped Rose.

Rim Latch	6/6	7/6	8/3	—	—
Rim	7/-	8/-	9/2	10/2	11/8
Mortice	13/3	15/-	17/6	19/9	—

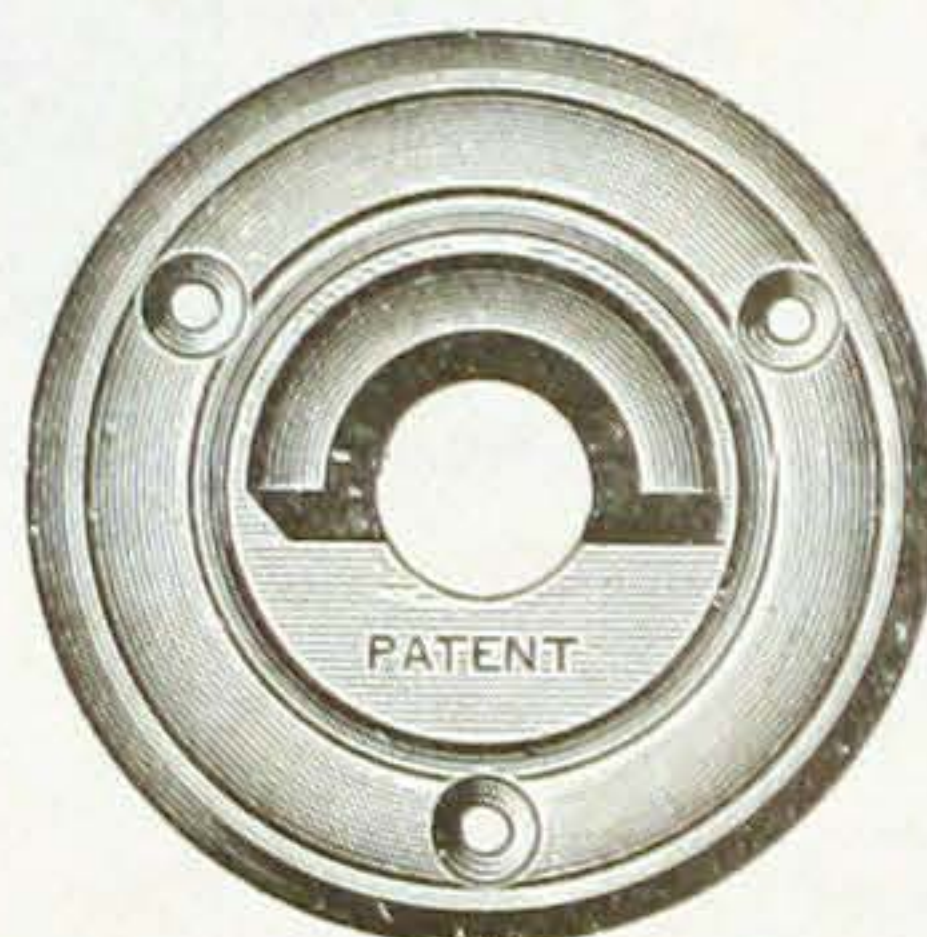
Cast Rose.

Rim Latch	8/4	9/6	10/2	—	—
Rim	8/10	9/11	11/-	12/-	14/3
Mortice	—	18/6	20/-	22/8	26/-

Per dozen Sets.

IMPROVED "DURABLE"
PATENT CAST ROSE.

Full View
of Rose.



No. PHS*2101

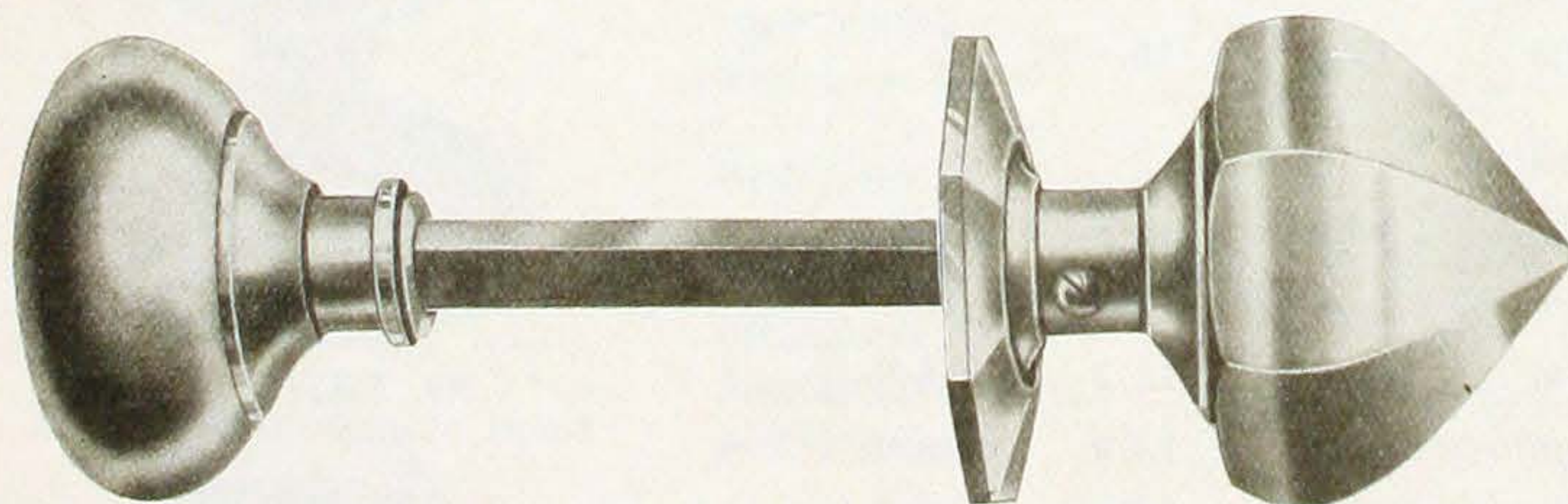
Strongly recommended for general use. The improvement lies in the split spindle—set-screw wedges this securely into knob, which cannot become loose.

As its name implies, it is the most "durable" low price furniture in the market.

Size	6"	7"	8"	9"	10"
Diam. of Knob	1 3/4"	1 5/8"	2"	2 1/8"	2 1/4"
Rim Latch Furniture	19/3	20/6	22/9	—	—
Rim Furniture	19/9	21/-	23/3	25/-	28/6
Mortice Furniture	31/6	38/6	38/6	—	—

Per dozen sets.

**SEE ALSO LARGE
ROSE FURNITURE
ON PAGE 14**

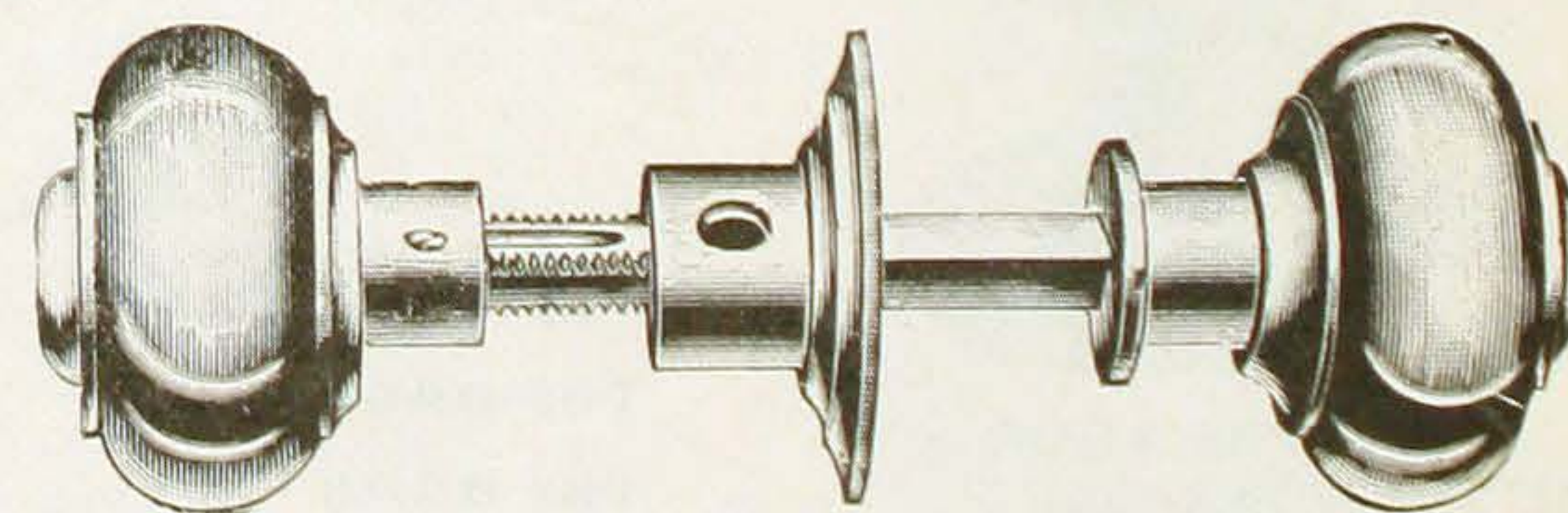


No. PHQ 2107

2 1/4" Oct. x 2" Round. D.T.

	Mace's Rim. dozen sets.	Mace's Mortice. each sets.	Pitt's Rim. dozen sets.	Pitt's Mortice. each sets.
Polished Brass	43/-	3/9	50/6	4/4
C. B. & R. on Brass	48/3	4/2	55/6	4/9
B. M. A.	79/-	6/9	91/-	7/9
Ox. Silver on				
White Metal	96/-	8/3	105/-	9/-

*Stocked in 6", 7" and 8" only.



No. PHQ 2123
Mace's Bulls-Eye Furniture.

With Duce's, Wilke's, or Drilled-through Spindling.

Size	4"	5"	6"	7"	8"	9"	10"	12"
Diam. of Knobs:								
Rim	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"	2 1/2"
Mortice	—	1 7/8"	2"	2 1/8"	2 1/4"	—	—	—
Latch	1 1/2"	1 5/8"	1 3/4"	—	—	—	—	—

Per dozen sets.

Size	4"	5"	6"	7"	8"	9"	10"	12"
Latch	14/4	15/2	16/8	—	—	—	—	—
Rim	—	15/10	17/6	19/-	20/6	22/6	24/9	29/6
Mortice	24/3	26/-	27/6	29/6	31/8	—	38/6	—

Per dozen sets.

"B" Basis.

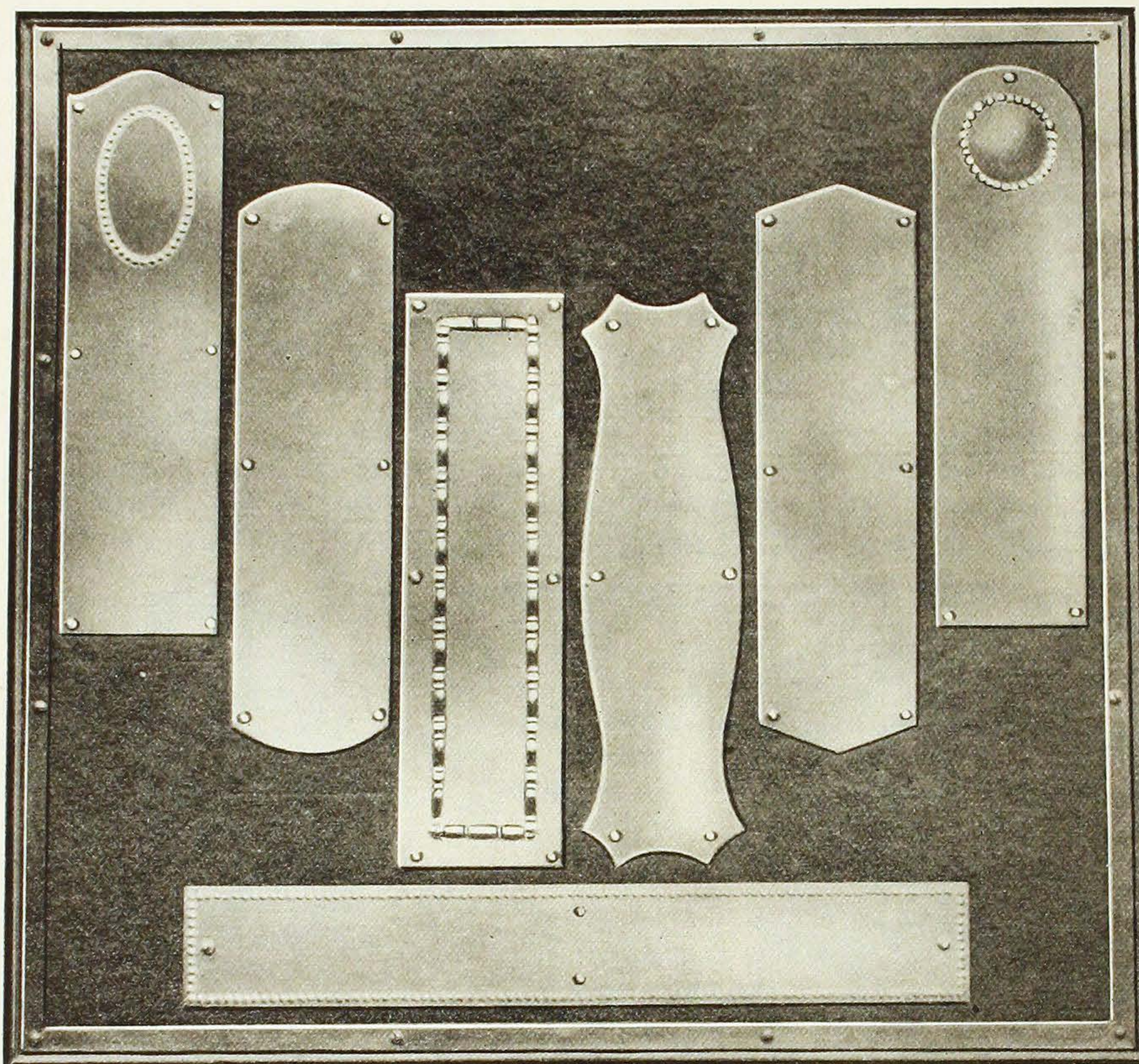
PHS—Stock Lines (*see above) ; PHQ—Quick Delivery.

Firth "Staybrite" Stainless Lock Furniture

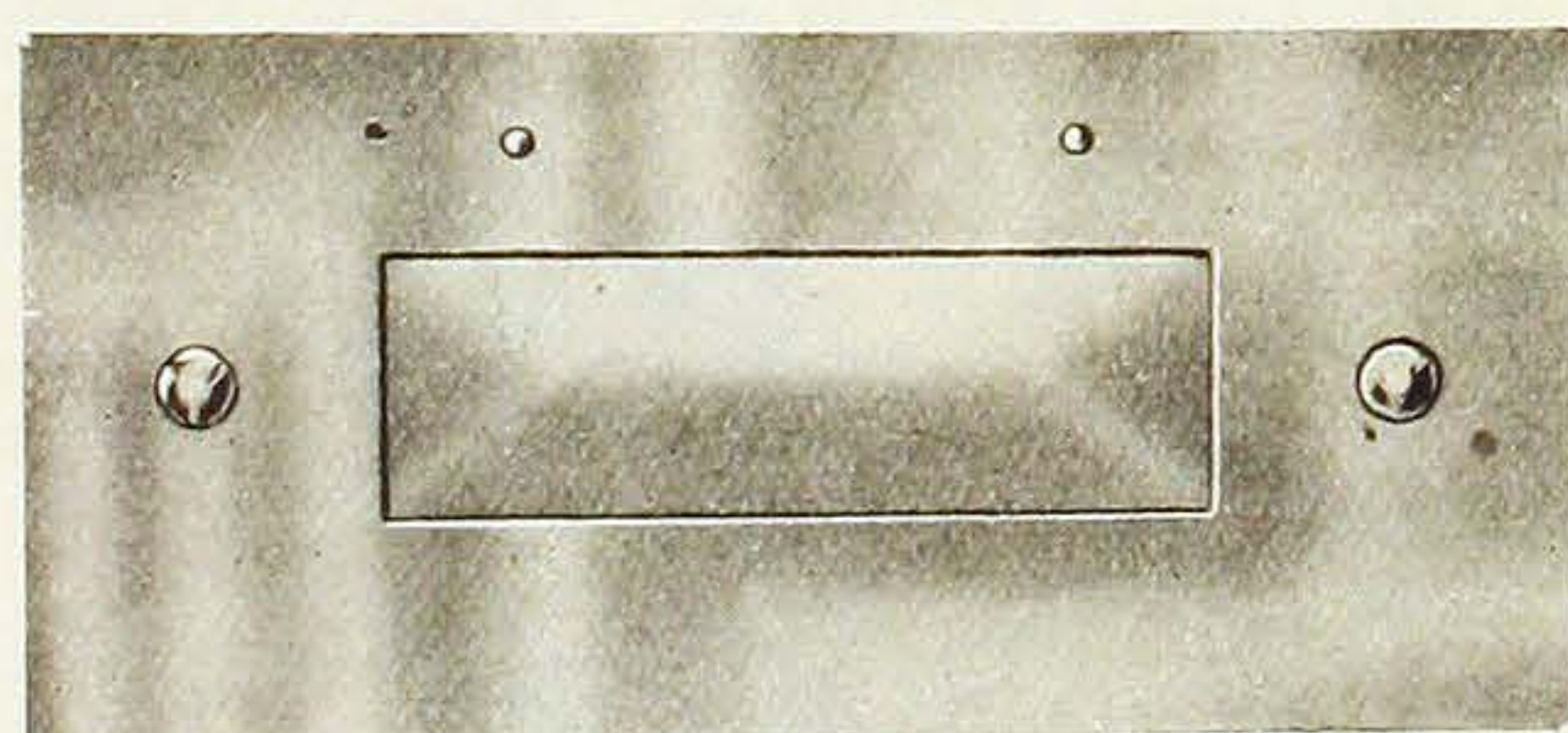
(Prices include Stainless Scr

STAINLESS STEEL FINGER PLATE

No.	PHQ 9509	Size 11" x 3"	Dozen.	E
No. PHQ 9510	"	"	55/-	
No. PHQ 9511	"	"	49/-	
No. PHQ 9512	"	"	51/3	
No. PHQ 9513	"	"	51/3	
No. PHQ 9514	"	"	49/-	
No. PHQ 9515	Size 15" x 2"	with Beaded Edge	58/9	
			73/6	



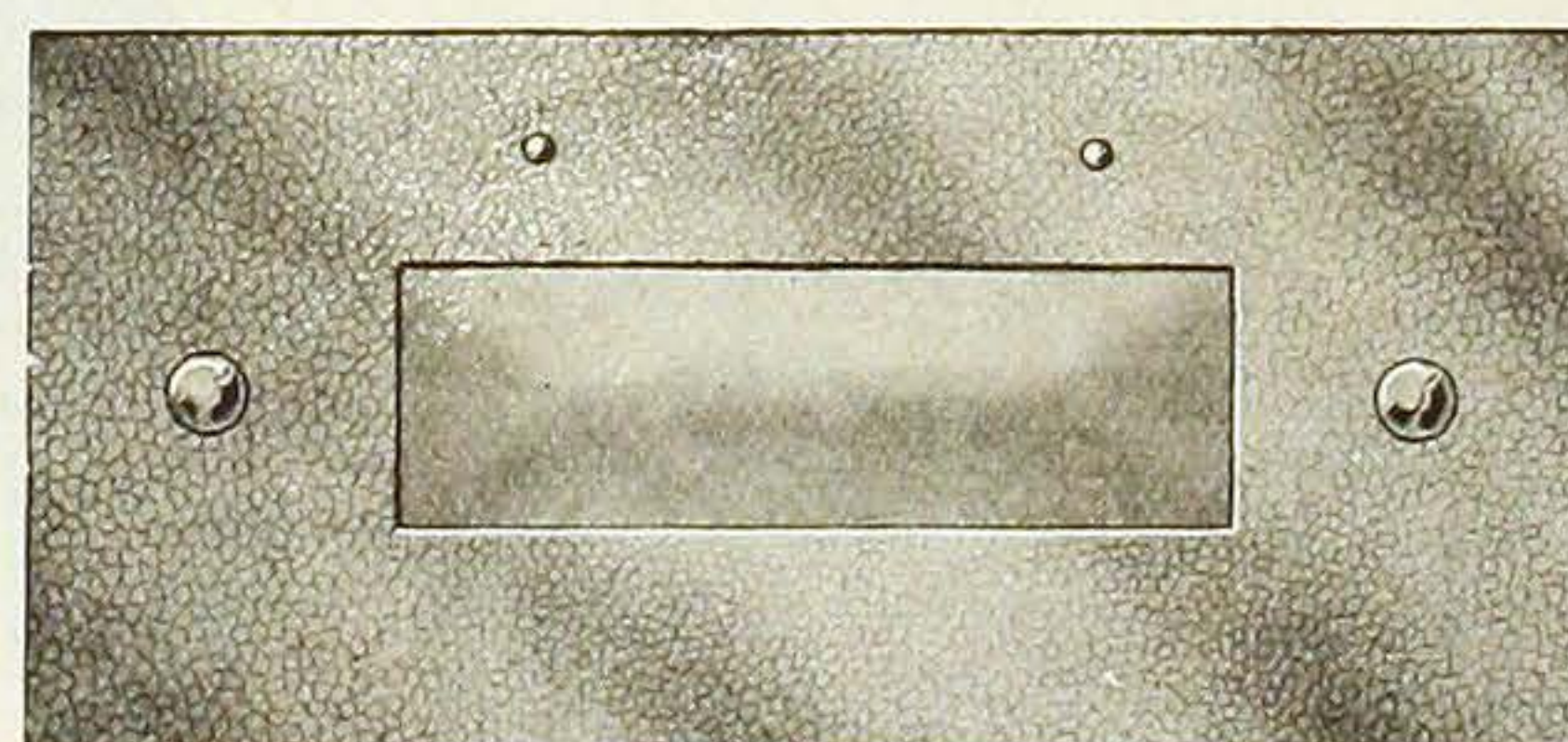
Nos. PHQ 9509 9510 9511 9512 9513 9514
No. PHQ 9515



No. PHQ 9528

Letter Plate. Plain.

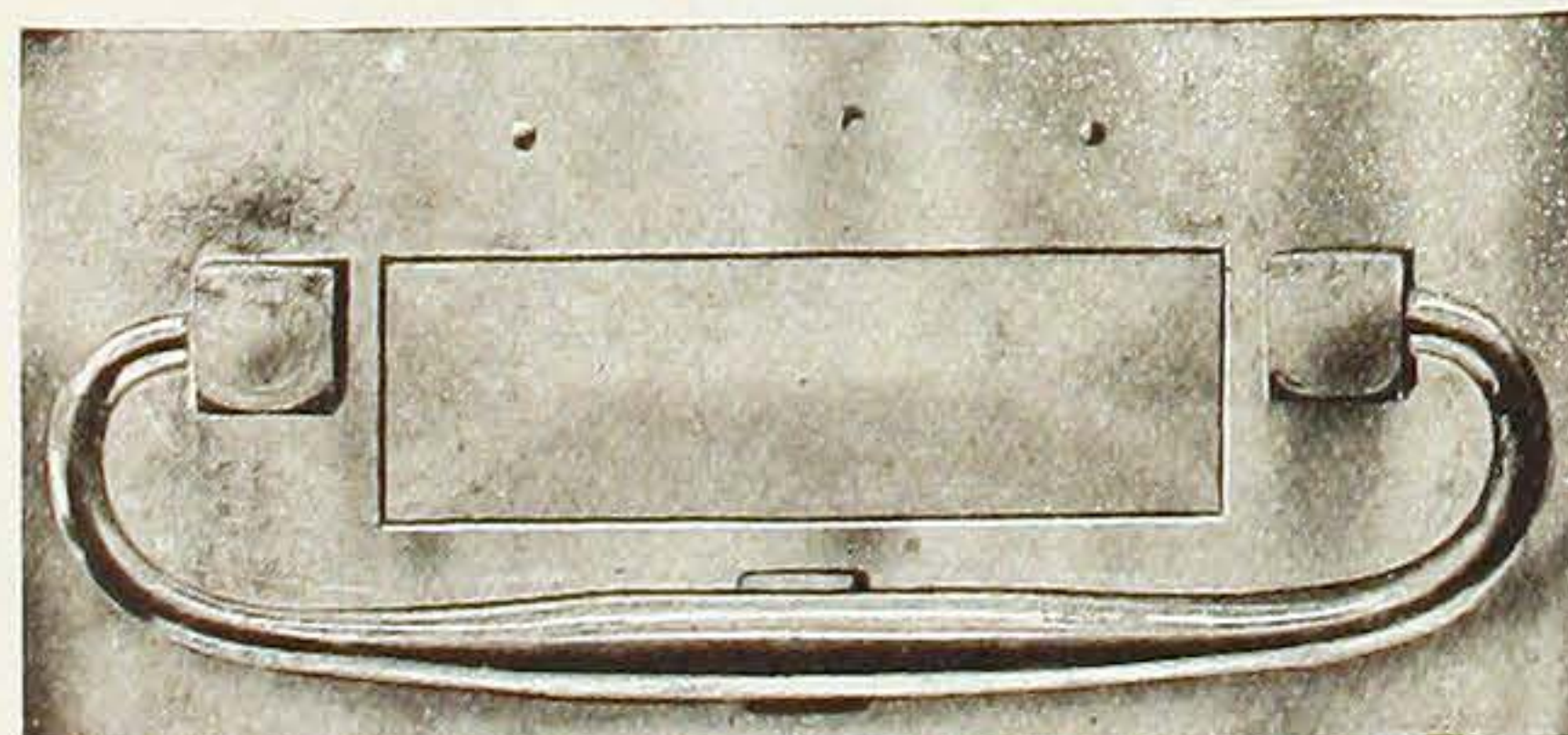
Overall dimensions	8 1/2" x 4"	10" x 4 1/2"
Aperture	4 1/2" x 1 1/2"	6" x 1 3/4"
Bolt centres	6 1/2"	8"
Price	16/-	18/6 each.



No. PHQ 9529

Letter Plate. Hand Hammered.

Overall dimensions	8 1/2" x 4"	10" x 4 1/2"
Aperture	4 1/2" x 1 1/2"	6" x 1 3/4"
Bolt centres	6 1/2"	8"
Price	16/2	20/- each.



No. PHQ 9530

Letter Plate and Door Knocker.

Overall dimensions	8 1/2" x 4"	10" x 4 1/2"
Aperture	4 1/2" x 1 1/2"	6" x 1 3/4"
Bolt centres	6 1/2"	8"
Price	20/-	24/6 each.

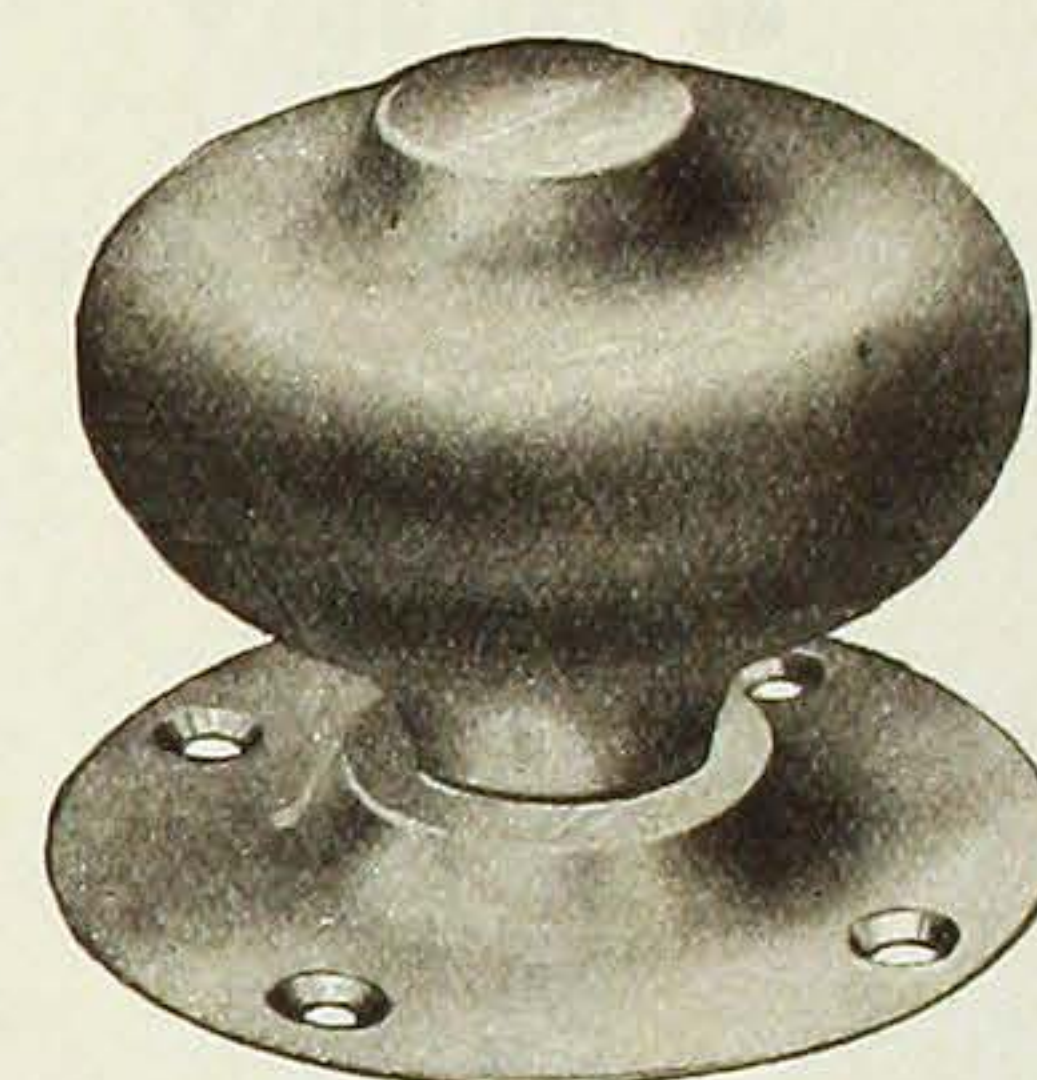


No. PHQ 9532

Letter Plate and Postal Knocker.

Hand Hammered.

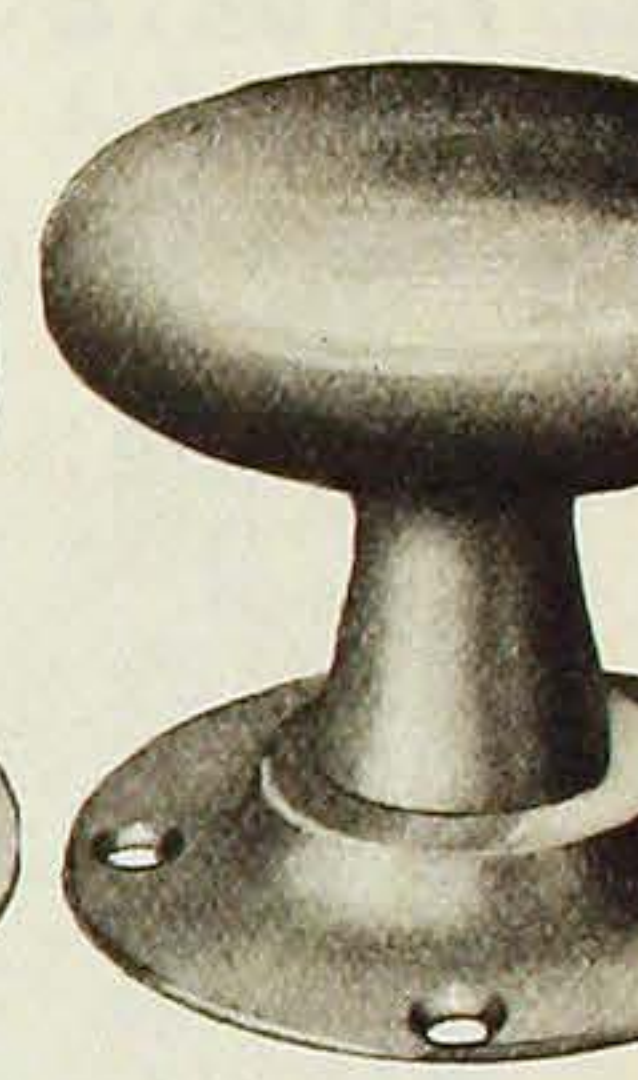
Overall dimensions	8 1/2" x 4"	10" x 4 1/2"
Aperture	4 1/2" x 1 1/2"	6" x 1 3/4"
Bolt centres	6 1/2"	8"
Price	21/6	26/2 each.



Centre Door Knob, 2 1/2" x 2 7/8"

No. PHQ 9527 Plain.
8/9 each.

No. PHQ 9536
Hand Hammered, 10/3 each.



Door Furni

2 1/2" x 2 7/8"

No. PHQ 9527

Oval. Pla

15/4 per s

Pitt's Mor

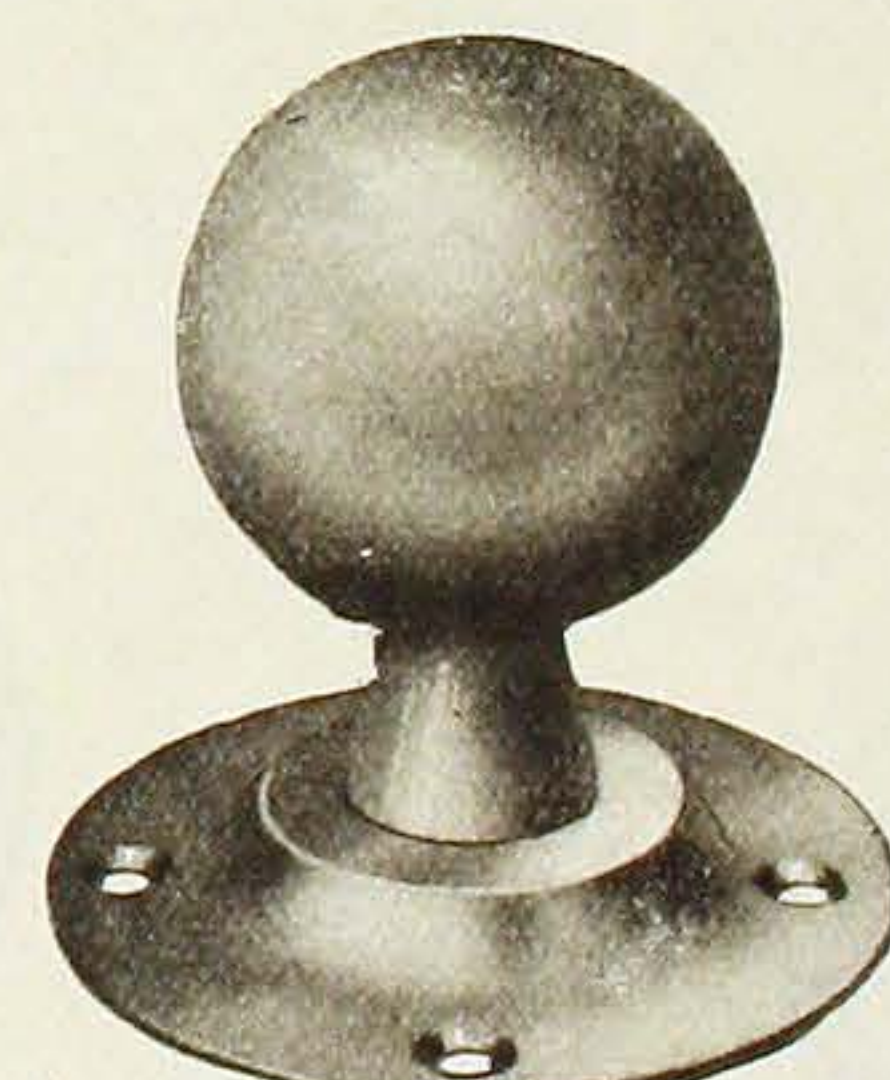
No. PHQ 95

Oval.

Hand Ham

18/- per s

Pitt's Mor



No. PHQ 9533

Plain, 15/4 per set.

Pitt's Mortice.

No. PHQ 9538

Hand Hammered,

18/- per set.

Pitt's Mortice.

Door Furniture,

2 1/4" x 2 3/8",



Door Knob

No. PHQ 9535

Pressed pattern, 2 1/2"

13/- per set



Lock Escutcheon, 2 3/8" x 7/8"

No. PHQ 9534 Plain, 1/1 each.

No. PHQ 9539 Hand Hammered, 1/3

Firth "Staybrite" Stainless Finger Plates, Hat and Coat Hooks, etc.



No. PHQ 9516
Hand Hammered.



No. PHQ 9517
Hand Hammered.



No. PHQ 9518
Hand Hammered.



No. PHQ 9519
Plain, Mirror Polished.



No. PHQ 9520
Plain, Mirror Polished.



No. PHQ 9521
Plain, Mirror Polished

STAINLESS FINGER PLATES. Standard size 11" x 3" of 16G Metal, dead flat. Any of above designs, 7/9 each.



Stainless Finger Plates.
No. PHQ 9522 No. PHQ 9523
Either pattern. Size 11" x 3"... 4/8 each.



No. PSQ 9524

Glass Shelf with Stainless Brackets.

Size.	Price.
24" x 5"	8/9 each.
27" x 5"	10/- "
30" x 5"	10/6 "



Picture Moulding Hook.

No. PHQ 9525

Stainless Polished.
3/10 dozen, 4d. each.



No. PHQ 9526
Stainless Finger Plates.
Size 11" x 3" 4/8 each.



No. PHQ 9502
Hat and Coat Hook, 5 1/2".
Stainless ... 24/6 dozen
" ... 2/2 each.



No. PHQ 9503
Coat Hook, 2 1/2".
Stainless ... 24/6 dozen.
" ... 2/2 each.



No. PHQ 9507
Wardrobe Hook, 2 3/4" x 2 1/2".
Stainless ... 15/- dozen.
" ... 1/4 each.



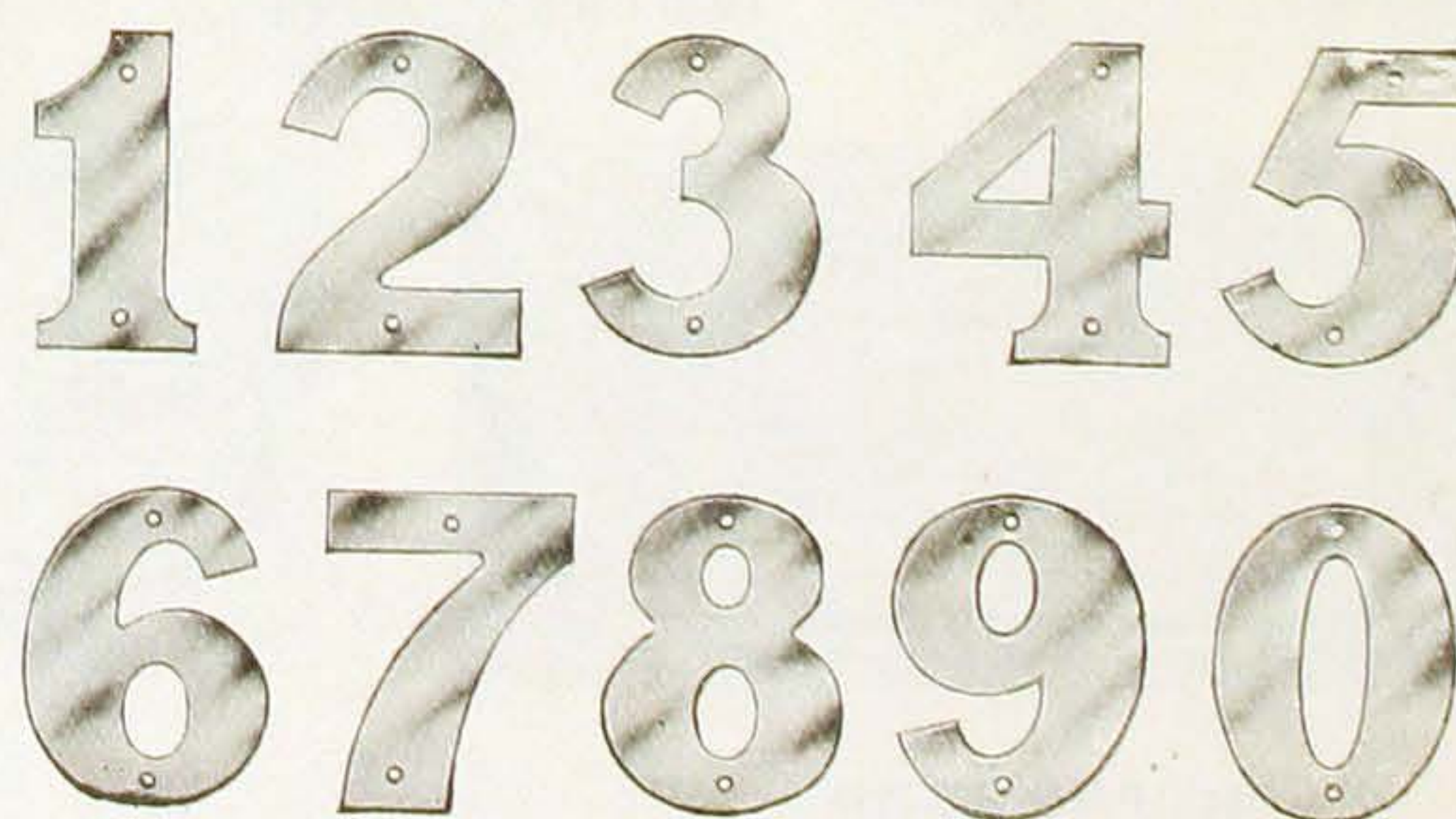
No. PHQ 9506
Coat Hook, 2 3/4" x 2".
Stainless ... 21/6 dozen.
" ... 1/11 each.



No. PHQ 9505
Hat and Coat Hook, 6".
Stainless ... 30/8 dozen.
" ... 2/8 each.



No. PHQ 9504
Hat Hook, 5 3/4" x 8".
Stainless ... 27/6 dozen.
" ... 2/5 each.



No. PHQ 9508
Stainless Figures.
Size 2" 6d. each.

PER SET.

Best Wood Lock Furniture

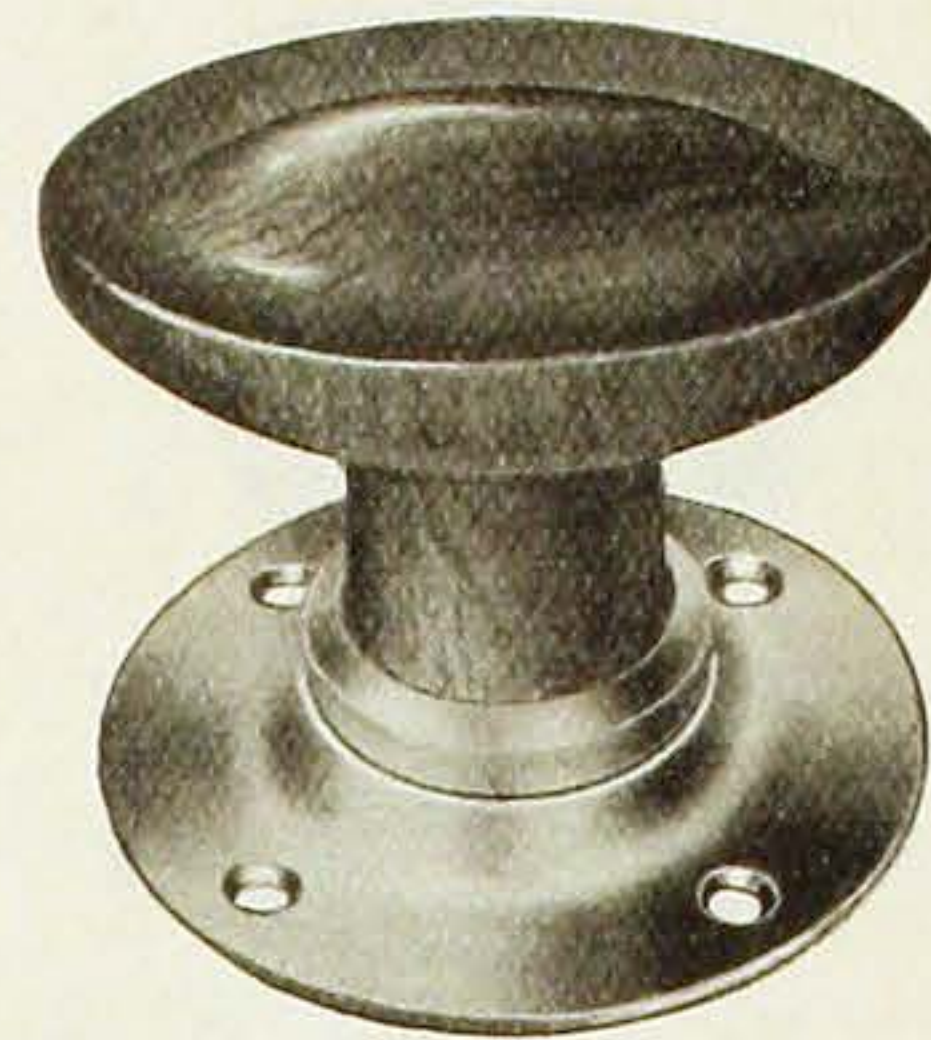
*Stocked only in Real



PHS*3301
Pitt's Mortice.
Size 2 1/2"

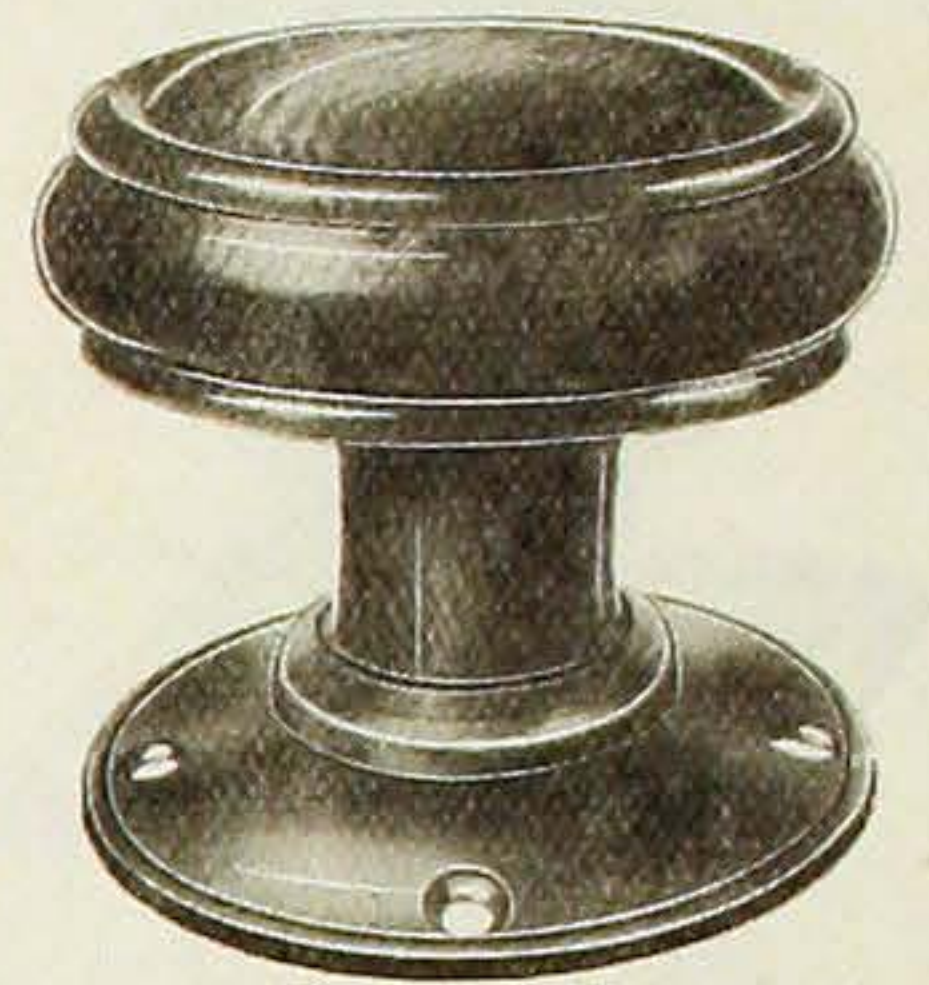
	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	7/6	8/-	8/3 set.
Cast Brass Roses ..	8/10	9/4	9/8 "
B.M.A. Roses ..	9/2	9/8	10/- "
Oxidized Silver Roses ..	10/-	10/6	10/9 "

See also
"Perfecto"
Wood Lock
Furniture
on page 15.



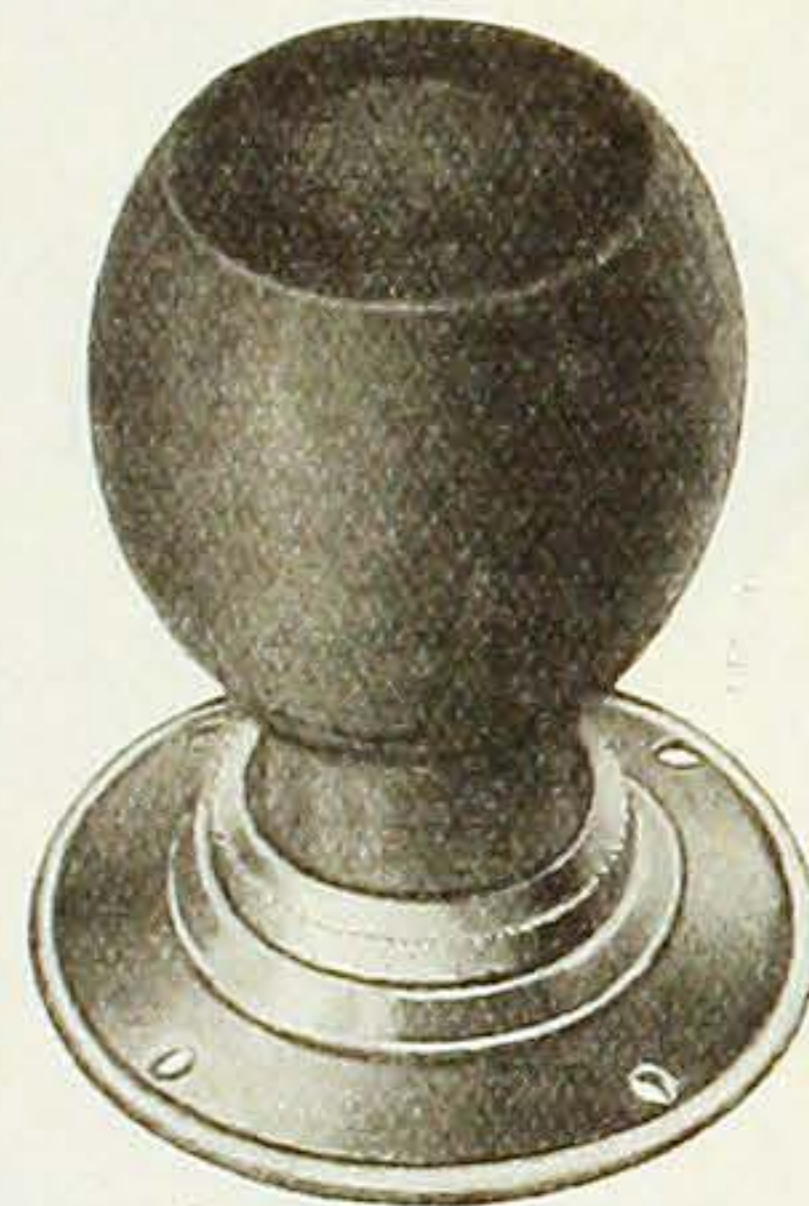
PHS*2257 (Oval)
Pitt's Mortice.
Size 2 1/2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Cast Brass Roses ..	8/-	8/6	8/9 set.
B.M.A. Roses ..	8/4	8/10	9/2 "
Oxidized Silver Roses ..	9/3	9/9	10/- "



No. PHS*3303
Pitt's Mortice.
Size 2 1/2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	7/6	8/-	8/3 set.
Cast Brass Roses ..	8/10	9/4	9/8 "
B.M.A. Roses ..	9/2	9/8	10/- "
Oxidized Silver Roses ..	10/-	10/6	10/9 "



No. PHS*9155
Pitt's Mortice.
Size 1 1/2"

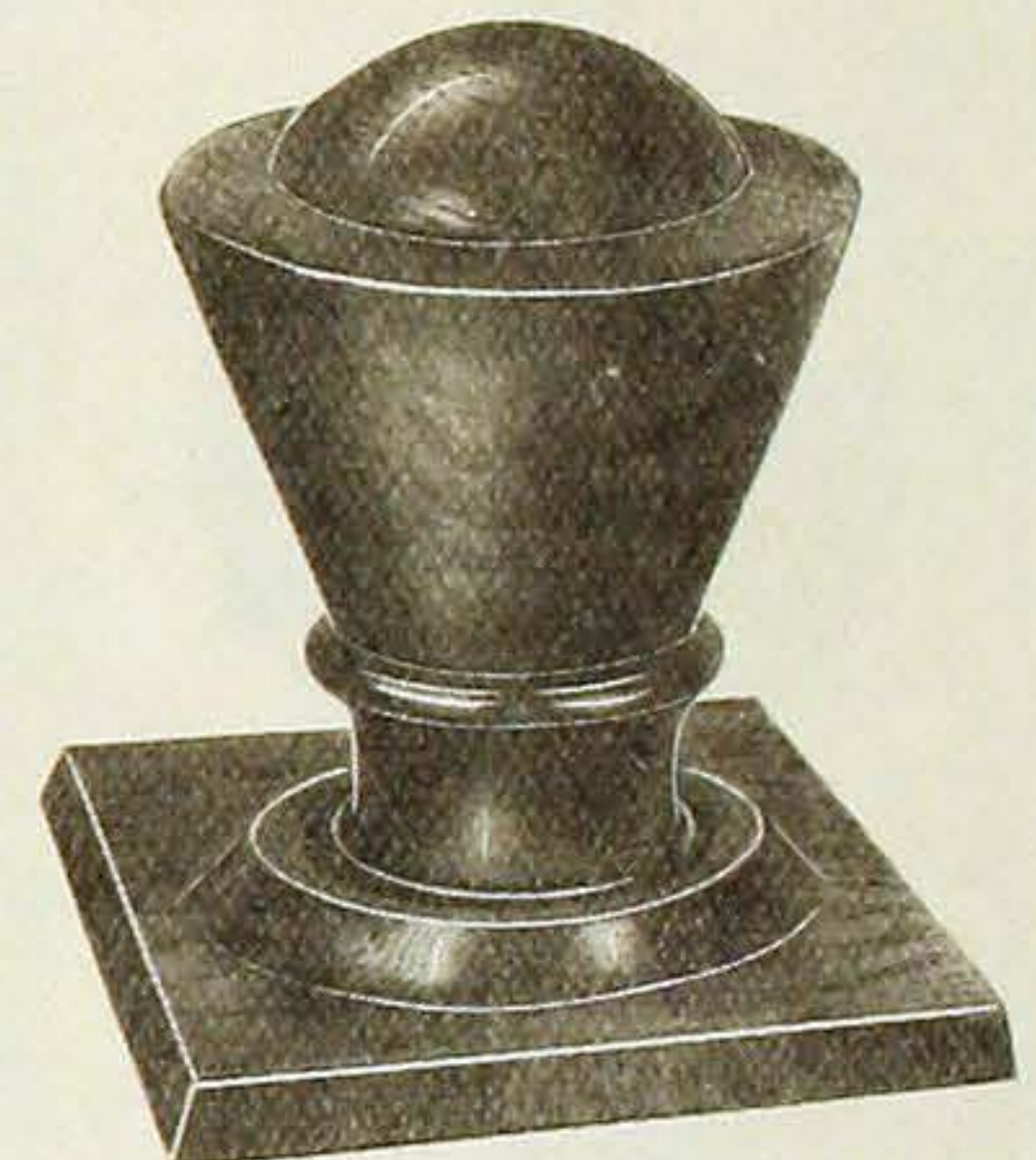
	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Cast Brass Roses ..	3/9	4/3	4/6 set.
B.M.A. Roses ..	4/2	4/8	5/- "
Oxidized Silver Roses ..	5/-	5/6	5/9 "

Cupboard Turn to match **No. PHS 2714** on page 244.



No. PHS*2233
Pitt's Mortice.
Size 2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Brass Roses ..	3/10	4/4	4/8 set.
B.M.A. Roses ..	4/2	4/8	5/- "
Oxidized Silver Roses ..	5/-	5/6	5/9 "



No. PHS*3305
Pitt's Mortice.
Size 2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	4/2	4/8	5/- set.
Cast Brass Roses ..	5/2	5/8	6/- "
B.M.A. Roses ..	5/6	6/-	6/10 "
Oxidized Silver Roses ..	6/4	6/10	7/- "

Cupboard Turn to match **No. PHS 2767** on page 244.

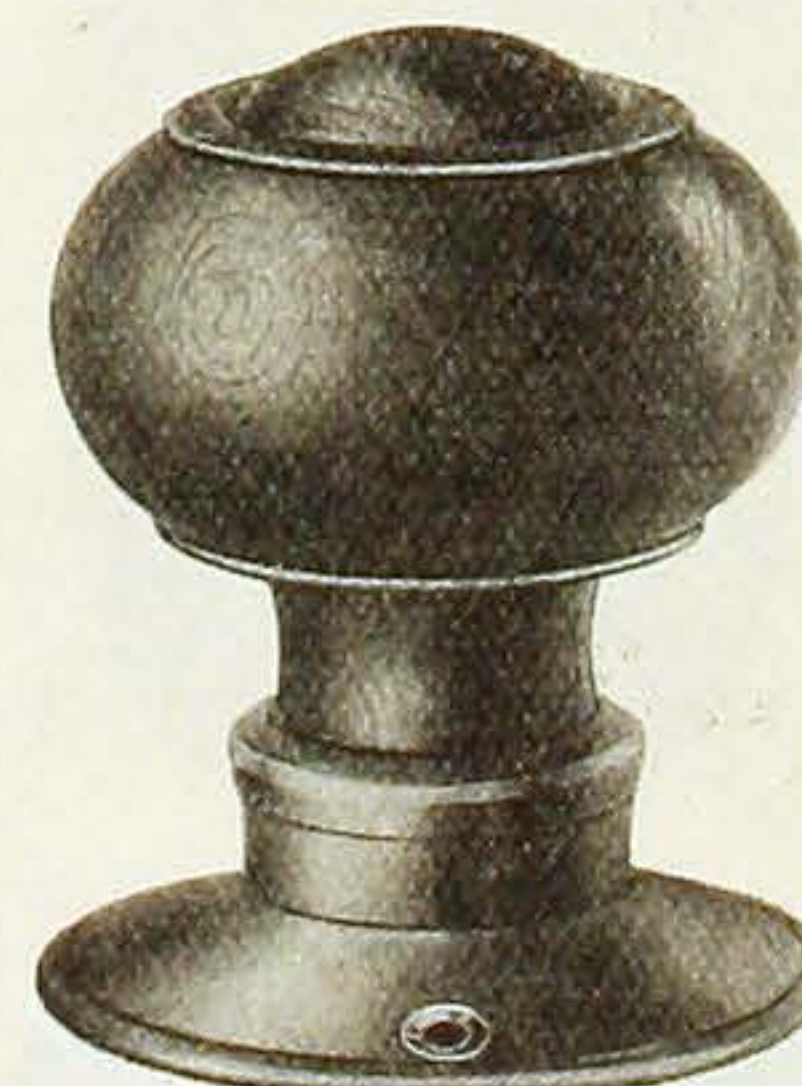


No. PHS*8986
Pitt's Mortice.
Knob 1 1/2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	2/9	3/3	3/6 set.
Brass Roses ..	3/9	4/3	4/6 "
B.M.A. Roses ..	4/2	4/8	4/10 "
Oxidized Silver Roses ..	5/-	5/6	5/9 "

No. PHS*8985
Rim Latch Furniture.
Knob 1 1/2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	1/8	2/2	2/6 set.
Brass Roses ..	2/8	3/2	3/6 "
B.M.A. Roses ..	3/-	3/6	3/9 "
Oxidized Silver Roses ..	3/10	4/4	4/9 "



No. PHS*8984
Pitt's Mortice.
Knob 2 1/2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	2/6	3/3	3/3 set.
Brass Roses ..	3/8	4/2	4/6 "
B.M.A. Roses ..	4/-	4/6	4/10 "
Oxidized Silver Roses ..	4/10	5/4	5/8 "

No. PHS*8983
Rim Latch Furniture.
Knob 2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	1/8	2/2	2/4 set.
Brass Roses ..	2/6	2/10	3/2 "
B.M.A. Roses ..	2/10	3/2	3/6 "
Oxidized Silver Roses ..	3/8	4/-	4/4 "



No. PHS*8990
Pitt's Mortice.
Knob 1 1/2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	2/6	3/3	3/3 set.
Brass Roses ..	3/6	4/-	4/6 "
B.M.A. Roses ..	4/-	4/6	4/10 "
Oxidized Silver Roses ..	4/8	5/2	5/8 "

Cupboard Turn to match **No. PHS 2715** on page 244.
No. PHS*8988
Rim Latch Furniture.
Knob 1 1/2" Rose 2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	1/8	2/2	2/4 set.
Brass Roses ..	2/8	3/2	3/6 "
B.M.A. Roses ..	3/-	3/6	3/9 "
Oxidized Silver Roses ..	3/10	4/4	4/9 "

Pitt's or Mace's Rim Furniture all patterns, 4d. per set less.

Walker's Spindling, all patterns, 1/6 per set extra.

All PHS—Stocked only in real Cocoa.

"B" Ba

PER SET.

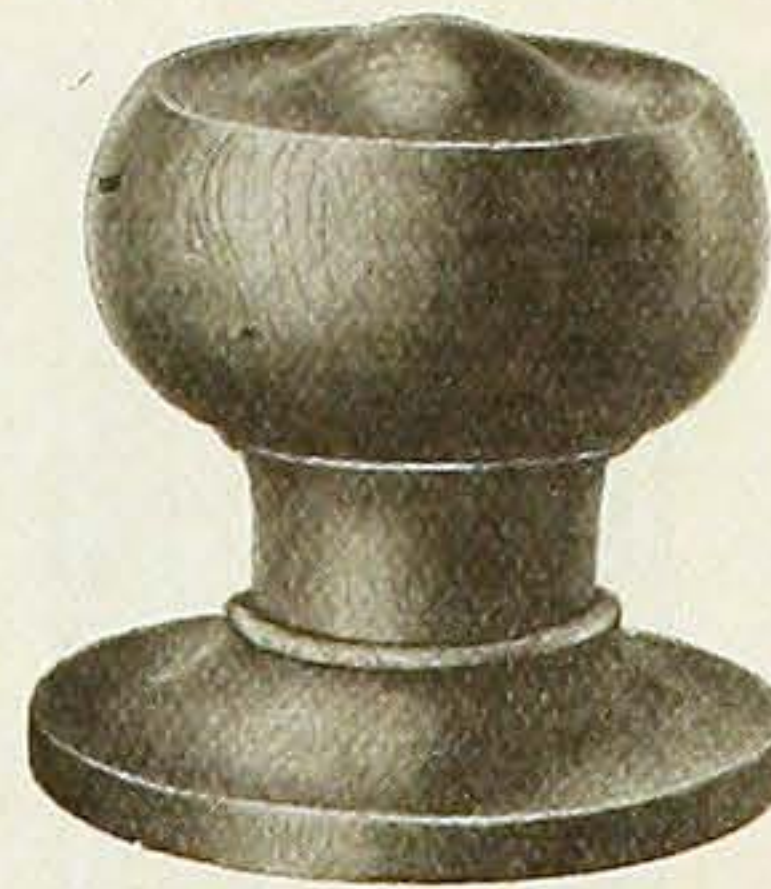
Best Wood Lock Furniture

*Stocked only in Real Cocoa



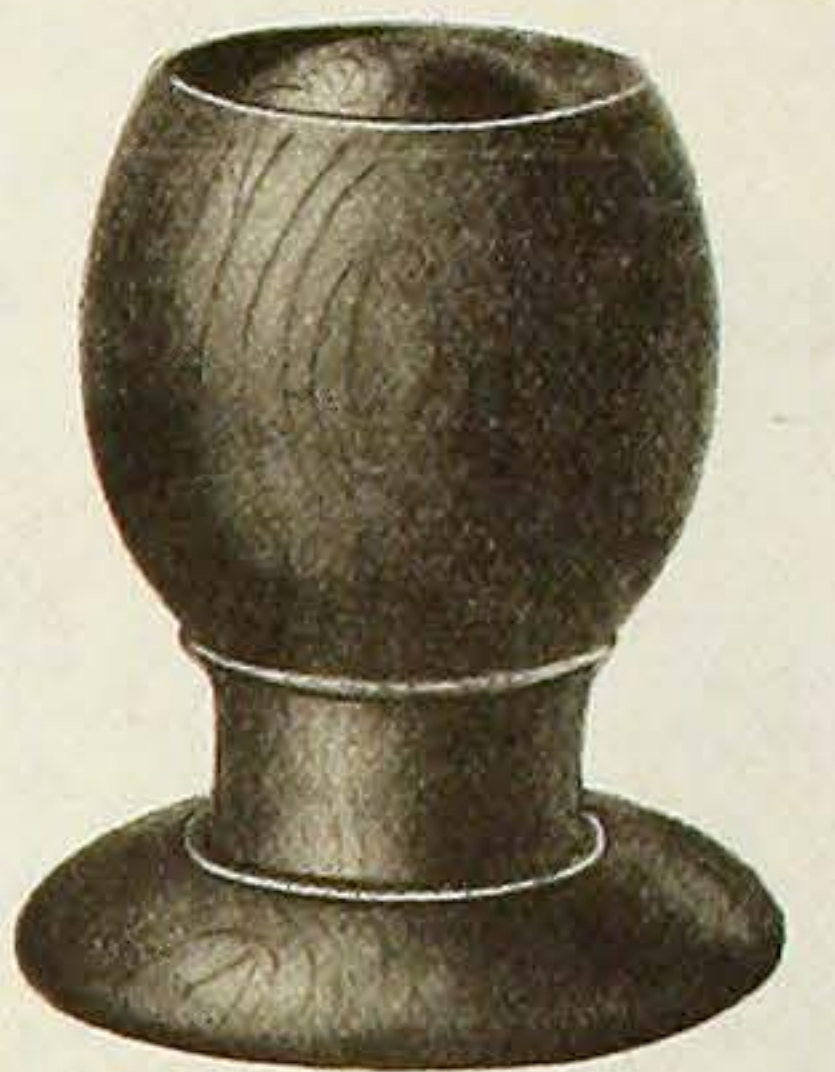
No. PHS*2241 Pitt's Mortice.
Knob 2 1/4" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Brass Roses ..	3/3	3/9	4/- set.
B.M.A. Roses ..	3/8	4/2	4/6 "
Oxidized Silver Roses ..	4/6	5/-	5/2 "



No. PHS*8989 Pitt's Mortice.
Knob 2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	4/3	4/9	5/- set.
Brass Roses ..	5/4	5/10	6/2 "
B.M.A. Roses ..	5/8	6/2	6/6 "
Oxidized Silver Roses ..	6/6	7/-	7/4 "



No. PHS*2235 Pitt's Mortice.
Knob 1 3/8" Rose 2 1/8"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	2/8	3/2	3/3 "
Brass Roses ..	3/8	4/2	4/4 "
B.M.A. Roses ..	4/-	4/6	4/6 "
Oxidized Silver Roses ..	4/10	5/4	5/5 "



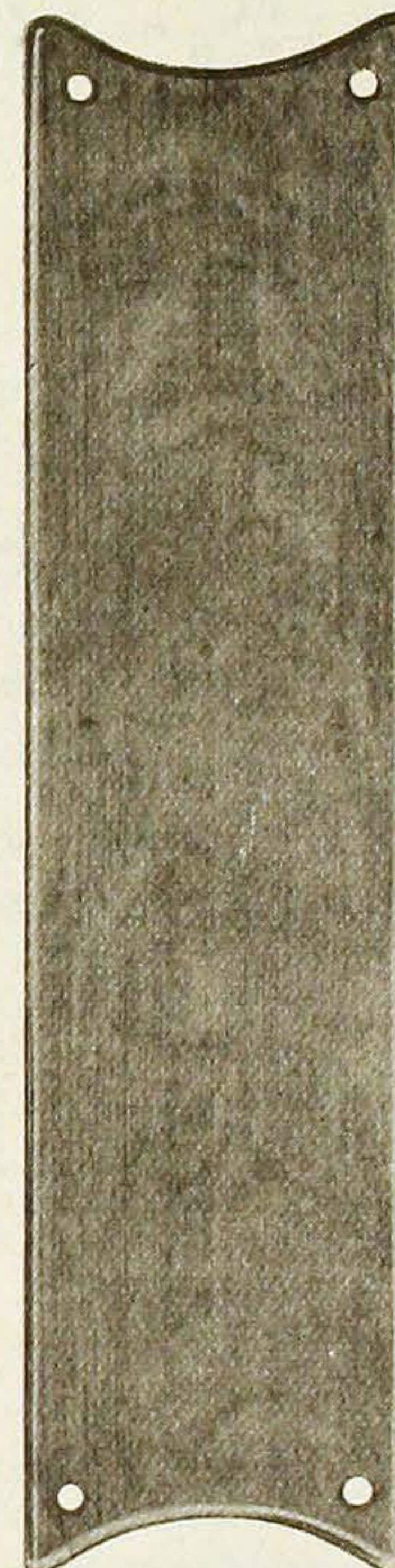
No. PHS*8979
Size 12" x 3"
Oak, Walnut or Ebonized .. 3/2 each.
Real Cocoa .. 3/6 "
Real Ebony .. 3/8 "



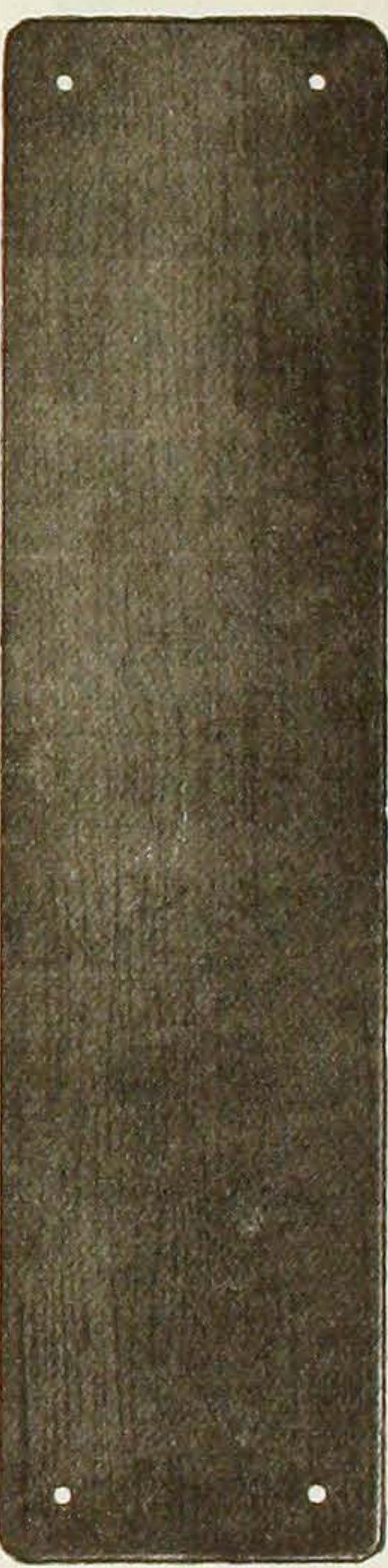
No. PHS*8982
Size 12" x 3"
Oak, Walnut or Ebonized .. 1/4 each.
Real Cocoa .. 1/8 "
Real Ebony .. 1/10 "



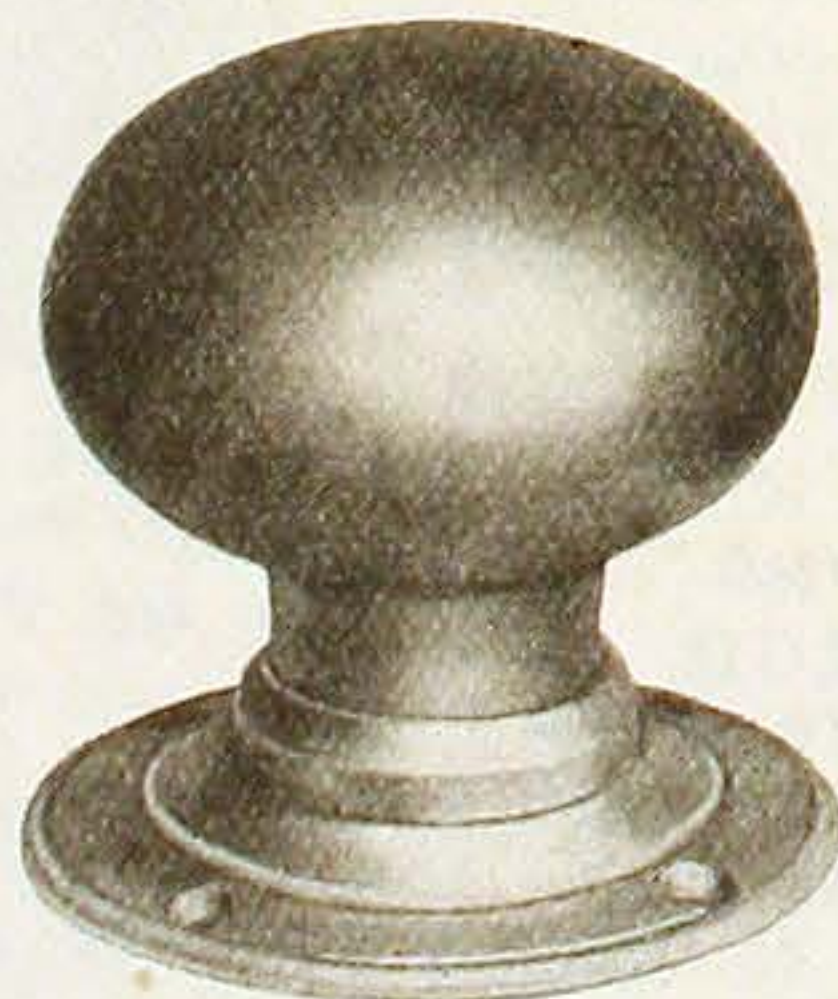
No. PHS*2433
Size 12" x 3"
Oak, Walnut or Ebonized .. 1/8 each.
Real Cocoa .. 2/- "
Real Ebony .. 2/2 "



No. PHS*8980
Size 12" x 3"
Oak, Walnut or Ebonized .. 1/4 each.
Real Cocoa .. 1/8 "
Real Ebony .. 1/10 "

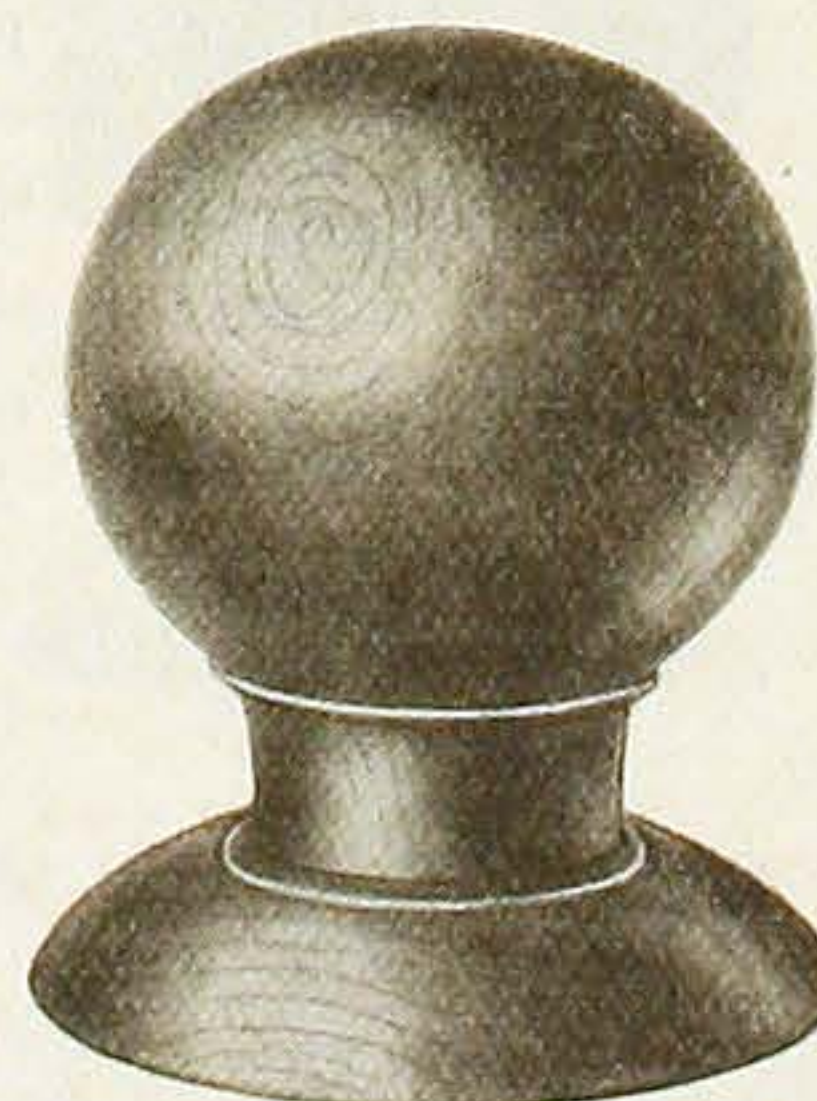


No. PHS*2444
Size 12" x 3"
Oak, Walnut or Ebonized .. 1/4 each.
Real Cocoa .. 1/8 "
Real Ebony .. 1/10 "



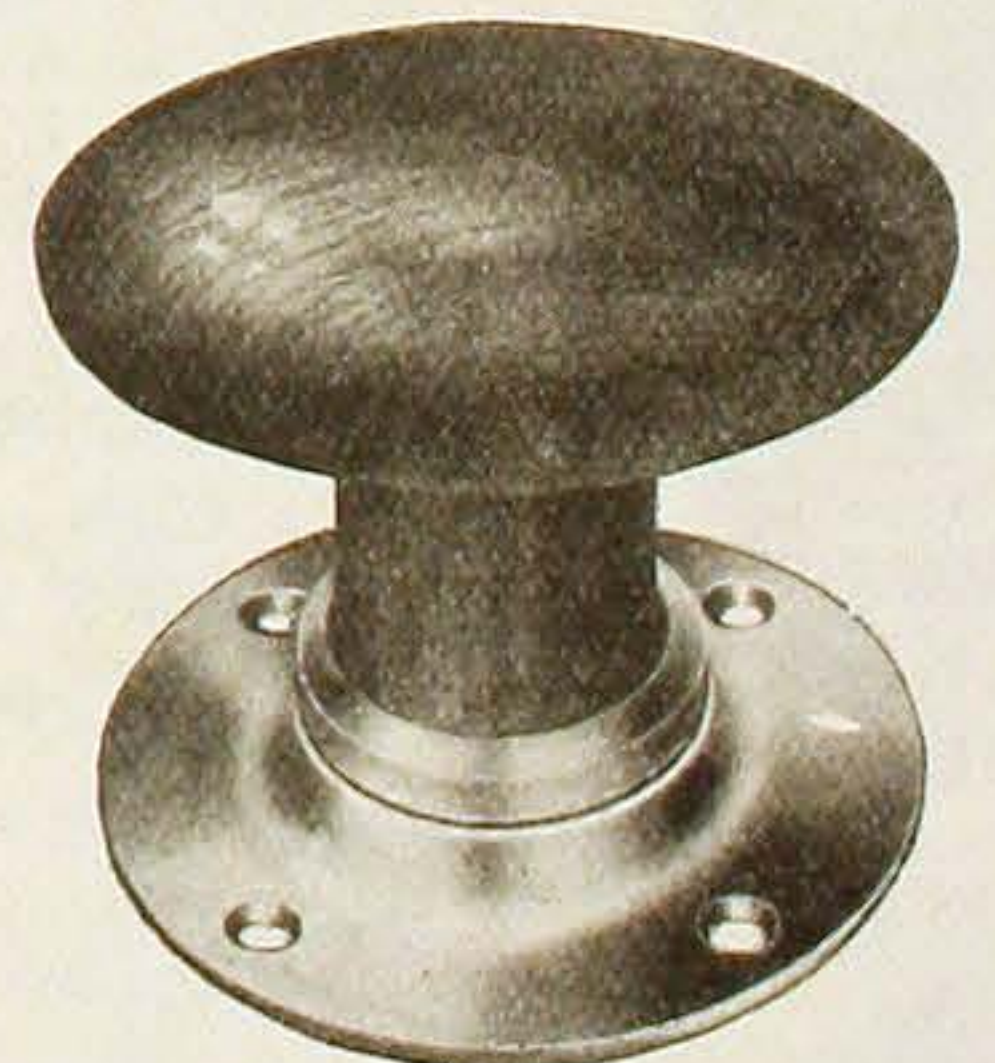
No. PHS*2240 Pitt's Mortice.
Knob 2 1/4" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Brass Roses ..	3/3	3/9	4/- set.
B.M.A. Roses ..	3/8	4/2	4/6 "
Oxidized Silver Roses ..	4/6	5/-	5/3 "



No. PHS*2237 Pitt's Mortice.
Knob 2" Rose 2 1/4"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Wood Roses ..	2/6	3/-	3/3 set.
Brass Bushed Wood Roses ..	3/3	3/9	4/- "



No. PHS*2256 (Oval). Pitt's Mortice.
Size 2 1/2"

	Oak, Walnut or Ebonized.	Real Cocoa.	Real Ebony.
Brass Roses ..	7/2	7/8	8/8 "
B.M.A. Roses ..	7/6	8/-	8/8 "
Oxidized Silver Roses ..	8/4	8/10	9/8 "

Pitt's or Mace's Rim Furniture, all patterns, 4d. per set less.

Walker's Spind ing, all patterns, 1/6 per set

All PHS—Stocked only in Real Cocoa.

" B " Ba

Finger Plates, Lock Furniture, Cupboard Turns and Shutter Knobs, Switch Plates and Bell Pushes

EN SUITE.

Scale approx. One-third full size.



No. PHS 606



No. PHS 630



No. PHS 630

No. PHS 660 Bell Push.
No. PHS 690 Switch Plate

No. PHS 720

FINISHES.

P.B.—Polished Brass.
A.C.B.—Antique Copper Bronzed and Relieved.
A.B. or S.F.—Antique Brass Bronzed or Satin Finish.
B.M.A.—Bronze Metal Antique.
B.S.O.—Best Silver Oxydised.
O.S.—Oxydised Silver.

SUITE No. 4.

No. PHS 606 Heavy stamped.

FINGER PLATE. 12" x 3"

P.B. ...	63/-	dozen,	5/6	each.
A.C.B. ...	73/6	"	6/4	"
A.B. or S.F. ...	73/6	"	6/4	"
B.M.A. ...	84/-	"	7/3	"
B.S.O. ...	94/6	"	8/-	"

No. PHS 630

LOCK FURNITURE.

2 1/2" Cast Knob.

With 2 1/2" M.M. rose and escutcheon.

P.B. ...	115/6	doz. sets,	9/9	set.
A.C.B. ...	136/6	"	11/8	"
A.B. or S.F. ...	136/6	"	11/8	"
B.M.A. ...	157/6	"	13/4	"
B.S.O. ...	157/6	"	13/4	"

Above prices are for Pitt's Rim or Mortice.
Mace's, 7/- per doz. sets, 1/- set extra.

No. PHS 660

ELECTRIC BELL PUSH.

Heavy stamped, 2 1/2" dia. machine-made with barrel push.

P.B. ...	70/-	dozen,	6/-	each.
A.C.B. ...	73/6	"	6/4	"
A.B. or S.F. ...	73/6	"	6/4	"
B.M.A. ...	91/-	"	7/9	"
O.S. ...	81/9	"	7/-	"

No. PHS 690

SWITCH PLATES.

3" x 3" heavy stamped.

Same design as Bell Push but square plates.

	1-way.	2-way.	3-way.
P.B. ...	14/-	23/6	35/-
A.C.B. ...	1/3	2/-	3/-
A.B. or S.F. ...	17/6	30/6	45/6
B.M.A. ...	1/6	2/8	3/10
O.S. ...	17/6	30/6	45/6
	1/6	2/8	3/10
	21/-	36/3	54/3
	1/10	3/2	4/8
	25/8	46/8	64/3
	2/4	4/-	5/6

Cast Cupboard Turn or Shutter Knob.
Cupboard Turn. Shutter Knob.

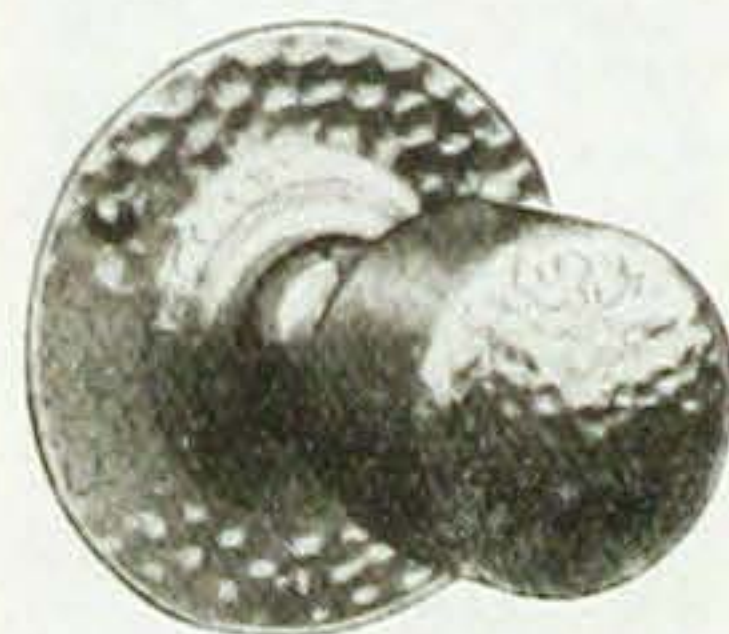
No. PHS 720 No. PHS 750

P.B. ...	36/9	26/3	dozen.
A.C.B. ...	3/2	2/4	each.
A.B. or S.F. ...	43/9	33/3	dozen.
B.M.A. ...	4/-	3/-	each.
O.S. ...	53/3	40/-	dozen.
	4/6	3/6	each.
	54/3	43/9	dozen.
	4/8	4/-	each.

No. PHS 750 Shutter Knob, not illustrated.



No. PHS 601



No. PHS 631



No. PHS 631



No. PHS 661

Bell Push.

No. PHS 691

Switch Plate.



No. PHS 721

1 3/4" knob with 1 3/8" rose both light stamped.

FINGER PLATES.

Very heavy stamped.

SUITES Nos. 5 and 6.

No. PHS 601 and No. PHS 602

11 1/2" x 2 3/4" 11" x 3"

P.B. ...	42/-	63/-	dozen.
A.C.B. ...	3/9	5/6	each.
A.B. or S.F. ...	46/6	73/6	dozen.
B.M.A. ...	4/-	6/4	each.
O.S. ...	46/6	73/6	dozen.
	4/-	6/4	each.
	57/-	84/-	dozen.
	5/-	7/3	each.
	66/6	94/6	dozen.
	5/9	8/-	each.

LOCK FURNITURE.

No. PHS 631 and No. PHS 632

1 1/2" cast knob. 2 1/2" cast knob.

2 1/2" M.M. rose and escutcheon. 2 1/2" M.M. rose and escutcheon.

PHS 631

PHS 632

P.B. ...	87/6	P.B. ...	115/6	doz. sets.
A.C. ...	7/6	A.C.B. ...	9/9	per set.
A.B. ...	98/-	A.B. or S.F. ...	136/6	doz. sets.
B.M.A. ...	8/6	B.M.A. ...	11/8	per set.
O.S. ...	98/-	B.S.O. ...	136/6	doz. sets.
	8/6		11/8	per set.
	120/-		157/6	doz. sets.
	10/3		13/4	per set.
	133/-		157/6	doz. sets.
	11/4		13/4	per set.

Above prices are for Pitt's Rim or Mortice.
Mace's, doz. sets. per set.

No. PHS 631 7/- 1/- extra.

No. PHS 632 7/- 1/-

No. PHS 661 and PHS 662

2 1/2" diameter. 2 3/8" square.

ELECTRIC BELL PUSHES.

Heavy stamped.

Machine-made with Barrel Pushes.

PHS 661 PHS 662

P.B. ...	70/-	70/-	dozen.
A.C.B. ...	6/-	6/-	each.
A.B. or S.F. ...	73/6	73/6	dozen.
B.M.A. ...	6/4	6/4	each.
O.S. ...	73/6	73/6	dozen.
	6/4	6/4	each.
	91/-	91/-	dozen.
	7/9	7/9	each.
	81/9	81/9	dozen.
	7/-	7/-	each.

No. PHS 691

SWITCH PLATE.

3" x 3" heavy stamped. Same design as Bell Push but square plate.

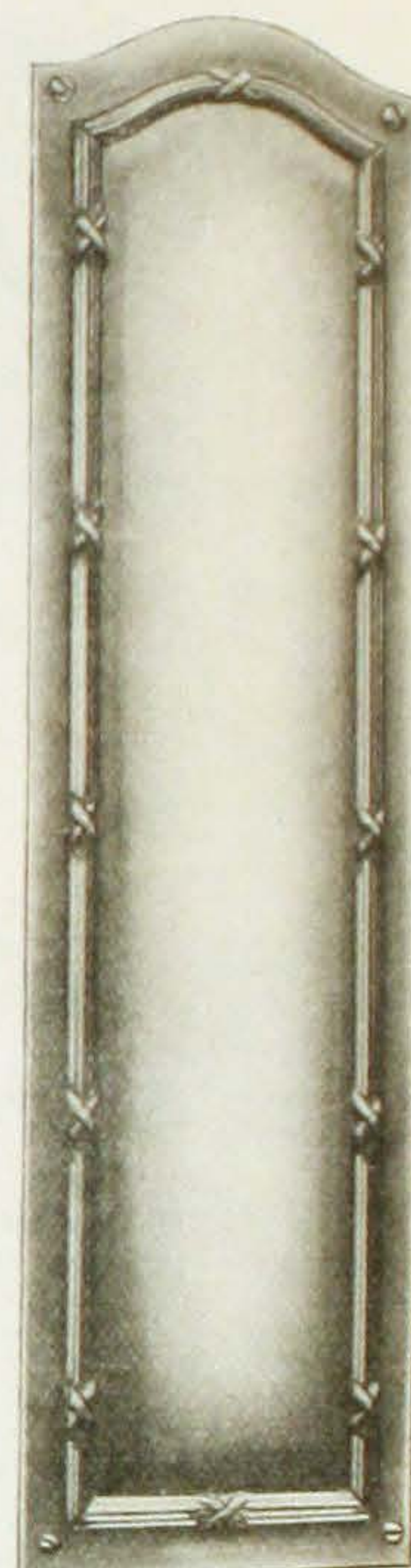
	1-way.	2-way.	3-way.
P.B. ...	14/-	23/6	35/-
A.C.B. ...	1/3	2/-	3/-
A.B. or S.F. ...	17/6	30/6	45/6
B.M.A. ...	1/6	2/8	3/10
O.S. ...	17/6	30/6	45/6
	1/6	2/8	3/10
	21/-	36/3	54/3
	1/10	3/2	4/8
	25/8	46/8	64/3
	2/4	4/-	5/6

Cupboard Turns or Shutter Knobs.
Cupboard Turn. Shutter Knob.

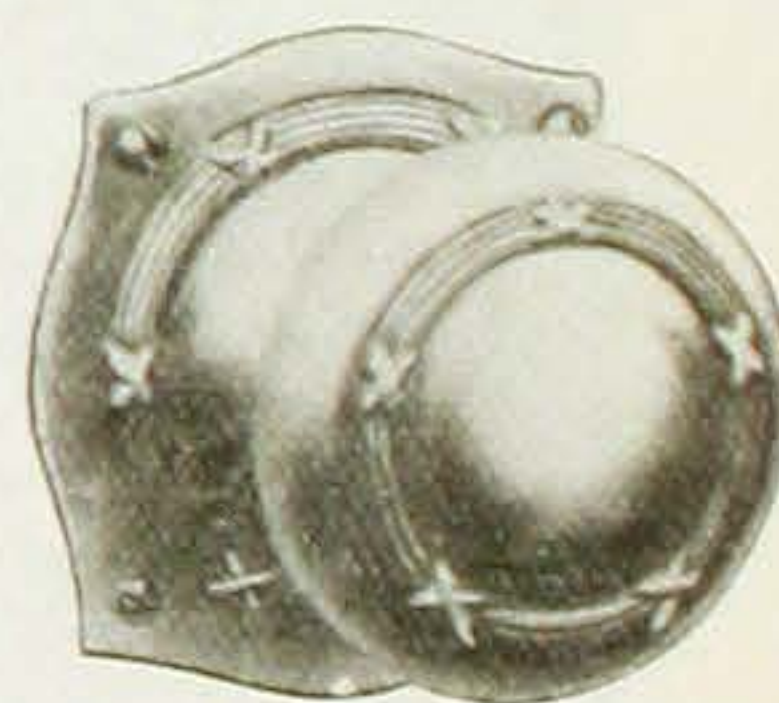
PHS 721 PHS 722 PHS 751 PHS 752

P.B. ...	9/9	36/9	7/6	26/3	doz.
A.C.B. ...	10d.	3/2	9d.	2/4	each.
A.B. or S.F. ...	11/6	43/9	9/3	33/3	doz.
B.M.A. ...	1/-	4/-	10d.	3/-	each.
O.S. ...	11/6	43/9	9/3	33/3	doz.
	1/-	4/-	10d.	3/-	each.
	13/9	53/3	12/-	40/-	doz.
	1/3	4/6	1/2	3/6	each.
	19/3	54/3	17/-	43/9	doz.
	1/8	4/8	1/6	4/-	each.

No. PHS 751 and PHS 752 are not illustrated.



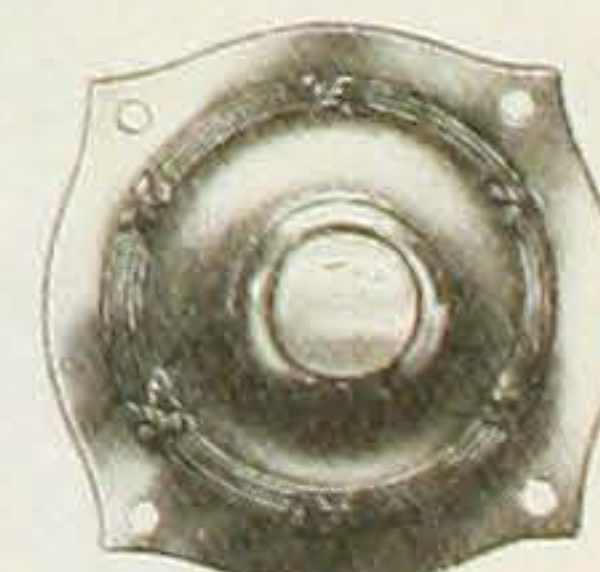
No. PHS 602



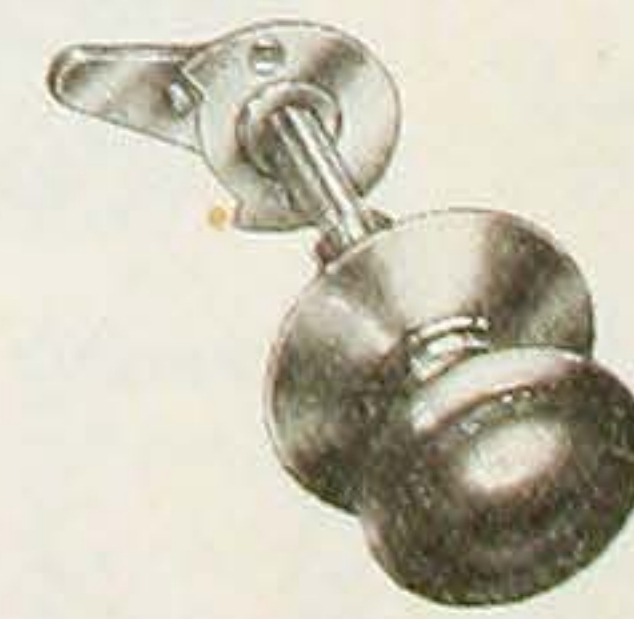
No. PHS 632



No. PHS 632



No. PHS 662 Bell Push.
For Switch Plate to match, see No. PHS 694 on page following.



No. PHS 722

1 5/8" knob with 1 1/2" rose. All Cast.

Finger Plates, Lock Furniture, Cupboard Turns and Shutter Knob Switch Plates and Bell Pushes.

EN SUITE.

Scale approx. One-third full

FINISHES.

- P.B.—Polished Brass.
A.C.B.—Antique Copper Bronzed and Relieved.
A.B. or S.F.—Antique Brass Bronzed or Satin Finish.
B.M.A.—Bronze Metal Antique.
B.S.O.—Best Silver Oxydised.
O.S.—Oxydised Silver.

SUITE No. 1.

No. PHS 603 Heavy stamped.

FINGER PLATE. 12" x 3"

P.B. ...	63/-	dozen,	5/6	each.
A.C.B. ...	73/6	"	6/4	"
A.B. or S.F. ...	73/6	"	6/4	"
B.M.A. ...	84/-	"	7/3	"
B.S.O. ...	94/6	"	8/-	"

No. PHS 633

LOCK FURNITURE.

With 2 1/4" Cast Knob and 2 1/2" M.M. Rose with Escutcheon.

P.B. ...	115/6	doz. sets,	9/9	set.
A.C.B. ...	136/6	"	11/8	"
A.B. or S.F. ...	136/6	"	11/8	"
B.M.A. ...	157/6	"	13/4	"
B.S.O. ...	157/6	"	13/4	"

Above prices are for Pitt's Rim or Mortice.
Mace's 7/- per doz. sets, 1/- set extra.

No. PHS 663

ELECTRIC BELL PUSH.

Heavy stamped, 3" x 3" machine-made with barrel push.

P.B. ...	70/-	dozen,	6/-	each.
A.C.B. ...	73/6	"	6/4	"
A.B. or S.F. ...	73/6	"	6/4	"
B.M.A. ...	91/-	"	7/9	"
O.S. ...	81/9	"	7/-	"

No. PHS 693

SWITCH PLATES.

3" x 3" heavy stamped.

	1-way.	2-way.	3-way.
P.B. ...	14/-	23/6	35/-
A.C.B. ...	1/3	2/-	3/-
A.B. or S.F. ...	17/6	30/6	45/6
B.M.A. ...	1/6	2/8	3/10
O.S. ...	17/6	30/6	45/6
	1/6	2/8	3/10
B.M.A. ...	21/-	36/3	54/3
	1/10	3/2	4/8
O.S. ...	25/8	46/8	64/3
	2/4	4/-	5/6

Cupboard Turn or Shutter Knob.

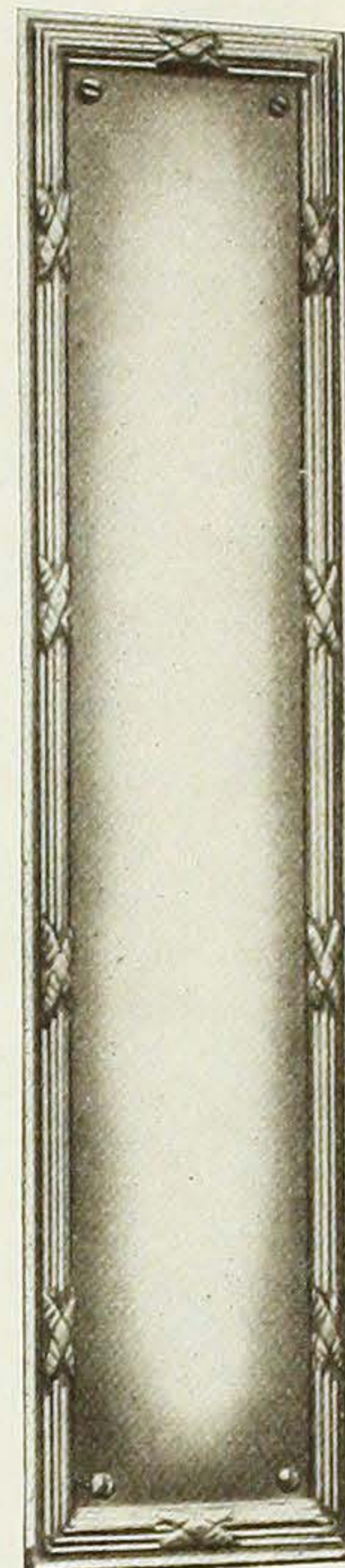
Heavy stamped. 1 1/8" knob, 1 1/2" rose.

Cupboard Turn. Shutter Knob.

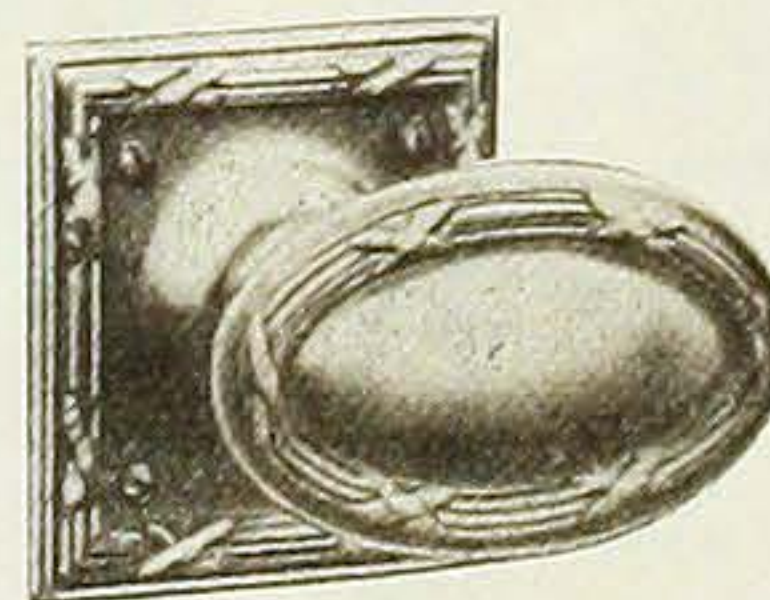
No. PHS 723 No. PHS 753

P.B. ...	16/9	14/6	dozen.
A.C.B. ...	1/6	1/4	each.
A.B. or S.F. ...	18/6	16/3	dozen.
B.M.A. ...	1/9	1/6	each.
B.S.O. ...	18/6	16/3	dozen.
	1/9	1/6	each.
	22/6	19/9	dozen.
	2/-	1/9	each.
	26/3	24/-	dozen.
	2/4	2/2	each.

No. PHS 753 Shutter Knob, not illustrated.



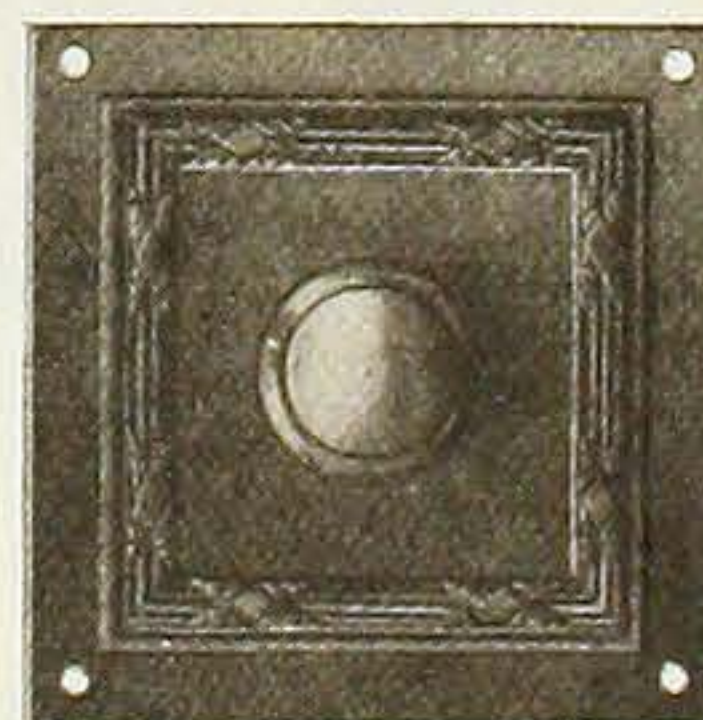
No. PHS 604



No. PHS 634



No. PHS 634



No. PHS 664 Bell Push.
No. PHS 694 Switch Plate.



No. PHS 724 Cupboard Turn.
No. PHS 754 Shutter Knob.
1 1/8" knob with 1 1/2" rose both light stamped.

SUITES Nos. 2 and 3.

No. PHS 604 and No. PHS 605
Very heavy stamped.

FINGER PLATES.

Long 12" x 3" Short, 9" x 3"

No. PHS 604 No. PHS 605

	Long.	Short.	Long.
P.B. ...	25/6	24/6	63/-
	2/3	2/2	5/6
A.C.B. ...	29/9	28/9	73/6
	2/7	2/6	6/4
A.B. or S.F. ...	29/9	28/9	73/6
	2/7	2/6	6/4
B.M.A. ...	36/3	35/-	84/-
	3/2	3/-	7/3
B.S.O. ...	50/-	49/6	94/6
	4/4	4/2	8/-

LOCK FURNITURE.

No. PHS 634 No. PHS 635

2 1/4" cast knob. 2 3/8" cast knob.
2 3/8" stamped rose 2 1/2" M.M. stamped rose
and escutcheon. and escutcheon.

P.B. ...	52/6	115/6	doz. sets.
	4/6	9/9	per set.
A.C.B. ...	58/9	136/6	doz. sets.
	5/-	11/8	per set.
A.B. or S.F. ...	58/9	136/6	doz. sets.
	5/-	11/8	per set.
B.M.A. ...	71/9	157/6	doz. sets.
	6/2	13/4	per set.
B.S.O. ...	82/3	157/6	doz. sets.
	7/-	13/4	per set.

Above prices are for Pitt's Rim or Mortice.

Mace's doz. sets. per set.

No. PHS 634	5/-	9d. extra.
No. PHS 635	7/-	1/-

ELECTRIC BELL PUSHES.

Heavy stamped.

Machine-made with Barrel Pushes.

No. PHS 664 No. PHS 665

	3" x 3"	2 5/8" diameter.
P.B. ...	70/-	70/-
	6/-	6/-
A.C.B. ...	73/6	73/6
	6/4	6/4
A.B. or S.F. ...	73/6	73/6
	6/4	6/4
B.M.A. ...	91/-	91/-
	7/9	7/9
O.S. ...	81/9	81/9
	7/-	7/-

No. PHS 694 3" x 3".

SWITCH PLATES. Heavy stamped.

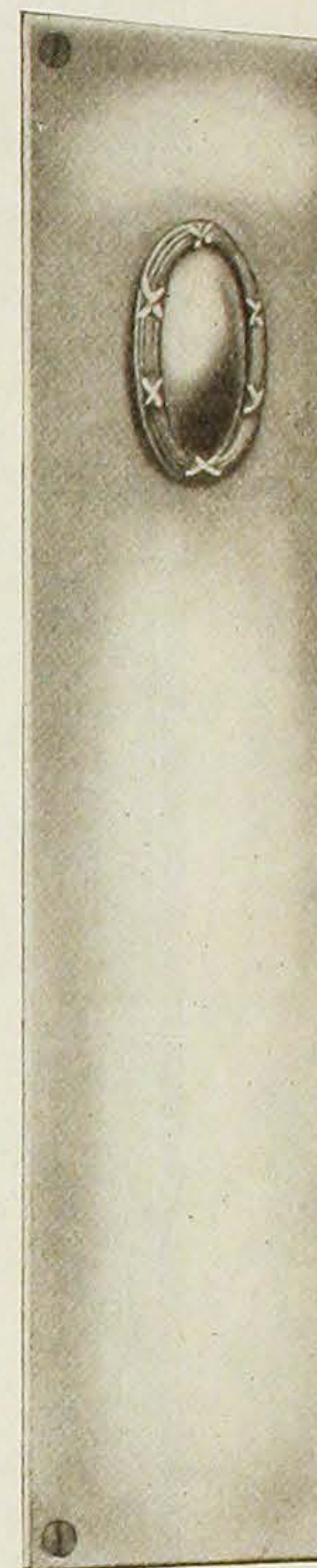
	1-way.	2-way.	3-way.
P.B. ...	14/-	23/6	35/-
	1/3	2/6	3/-
A.C.B. ...	17/6	30/6	45/6
	1/6	2/8	3/10
A.B. or S.F. ...	17/6	30/6	45/6
	1/6	2/8	3/10
B.M.A. ...	21/-	36/3	54/3
	1/10	3/2	4/8
O.S. ...	25/8	46/8	64/3
	2/4	4/-	5/6

Cupboard Turns or Shutter Knobs.
Cupboard Turns. Shutter Knobs.

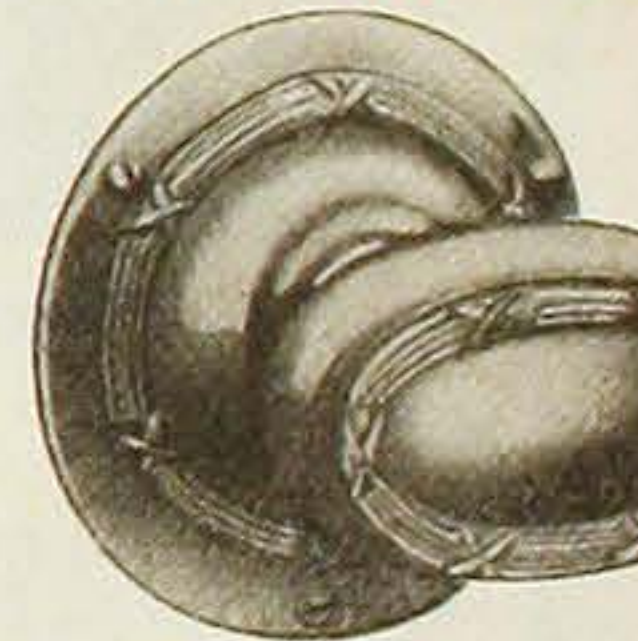
PHS PHS PHS PHS 724 725 754 755

P.B. ...	9/9	36/9	7/6	26/3	doz.
	10d.	3/2	9d.	2/4	each.
A.C.B. ...	11/6	43/9	9/3	33/3	doz.
	1/-	4/-	10d.	3/-	each.
A.B. or S.F. ...	—	—	9/3	33/3	doz.
	—	—	10d.	3/-	each.
B.M.A. ...	13/9	53/3	12/-	40/-	doz.
	1/3	4/6	1/2	3/6	each.
O.S. ...	19/3	54/3	17/-	43/9	doz.
	1/8	4/8	1/6	3/6	each.

Nos. PHS 754 and 755,
not illustrated.



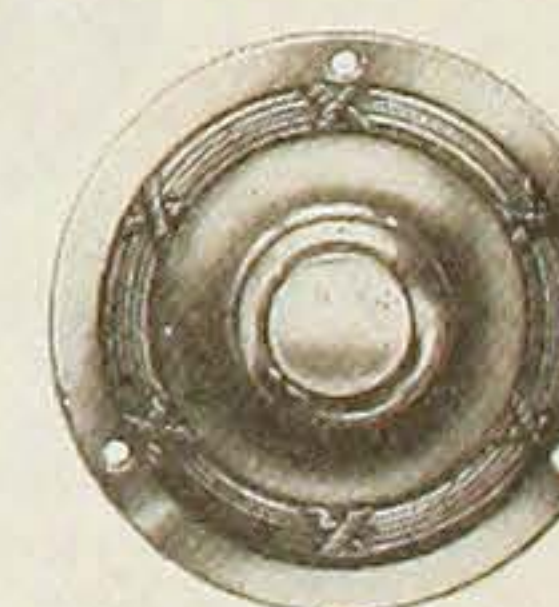
No. PHS 604



No. PHS 634



No. PHS 634



No. PHS 665 Bell Push.
For Switch Plate to see No. PHS 694 in centre.

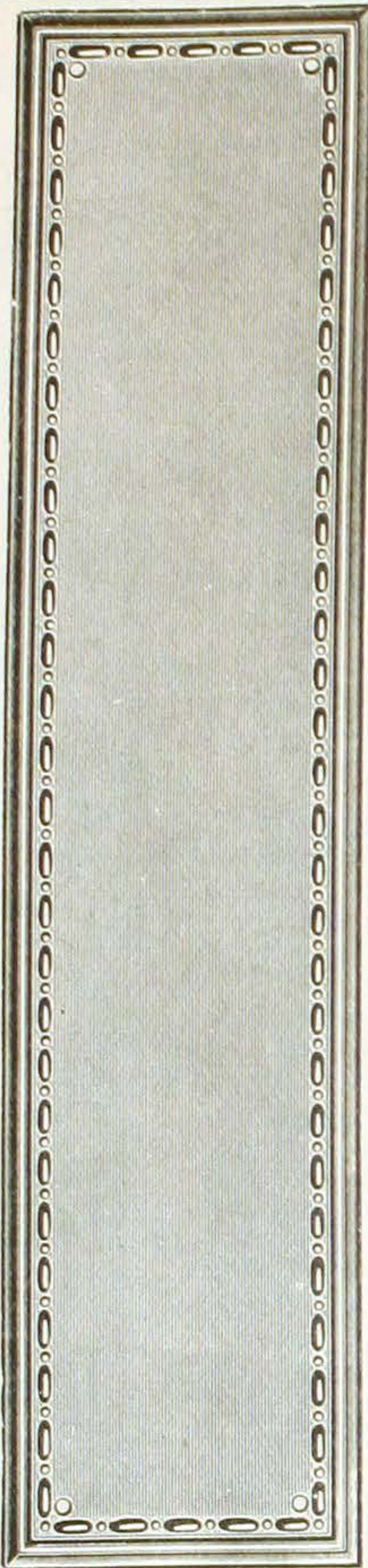


No. PHS 724 Cupboard Turn.
No. PHS 754 Shutter Knob.
1 1/8" knob with 1 1/2" rose All cast.

Stamped Furniture *en suite*

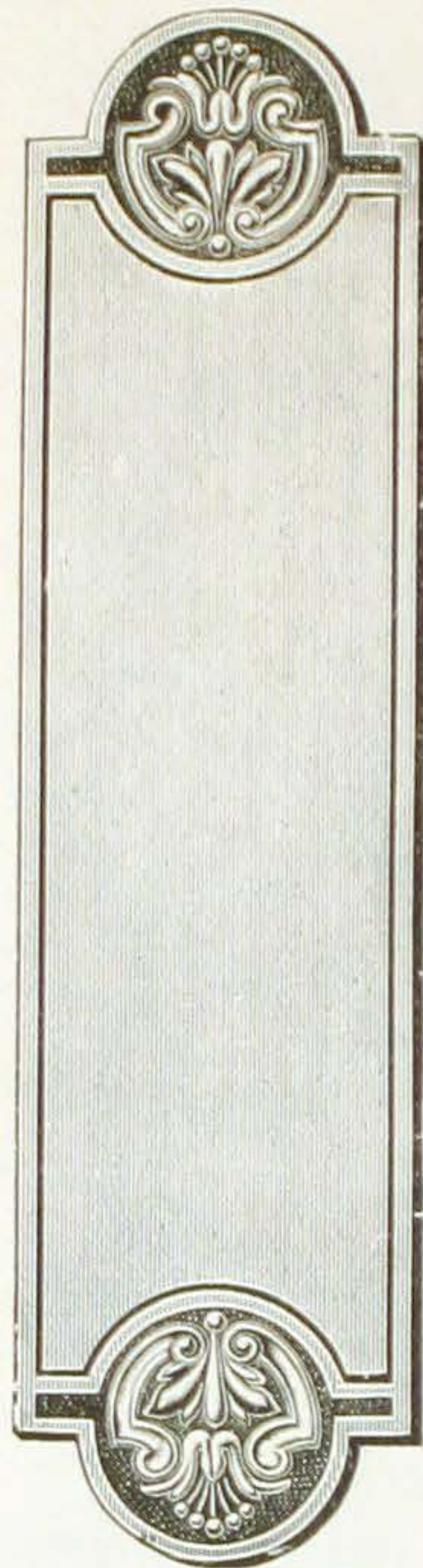
Best Quality and Finish.

*Stocked only in Polished Brass
and Antique Coppered Brass.



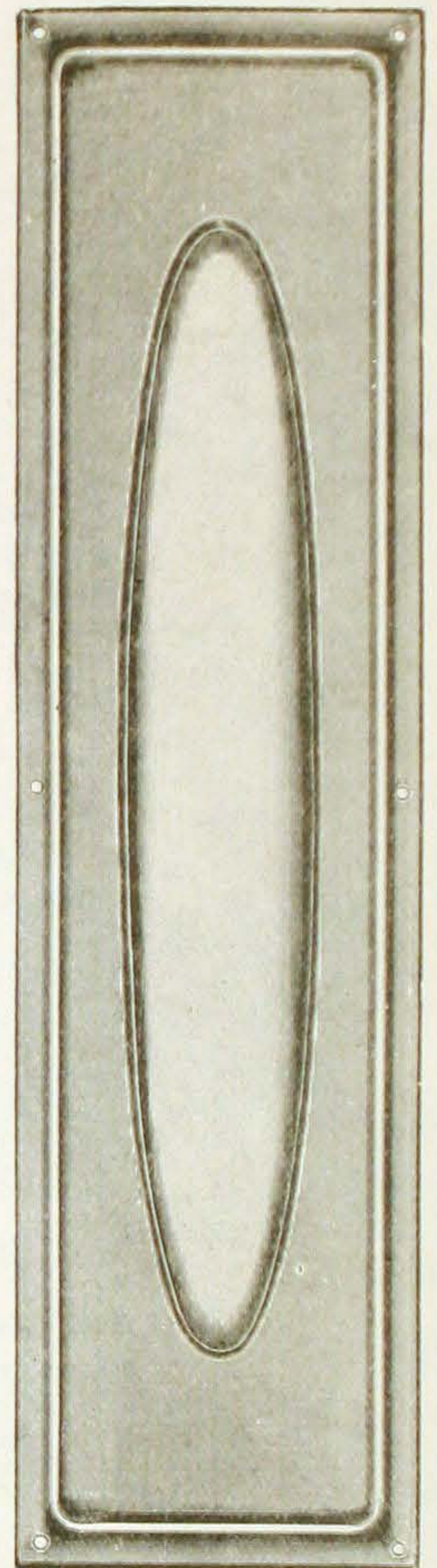
No. PHS*2447 Size 11" x 2 1/4"

	dozen.	each.
Polished Brass ..	13/3	1/3
Bronzed Old Brass ..	16/8	1/6
Antique Coppered Brass ..	16/8	1/6
Oxidized Silver on Brass ..	32/-	2/9



No. PHS*2449 Scale quarter size.
12" x 3" 9 1/2" x 3"

	dozen.	each.	dozen.	each.
Polished Brass ..	25/6	2/3	23/3	2/1
Satin Finish on Brass ..	31/-	2/8	28/-	2/6
Bronzed Old Brass ..	31/-	2/8	28/-	2/6
Antique Coppered Brass ..	31/-	2/8	28/-	2/6
Oxidized Silver on Brass ..	48/3	4/2	44/3	3/10
Copper Bronzed Brass ..	34/3	3/-	32/6	2/10
Bronze Metal ..	29/6	2/7	28/-	2/6
Bronze Metal Antique ..	33/9	2/11	32/-	2/9



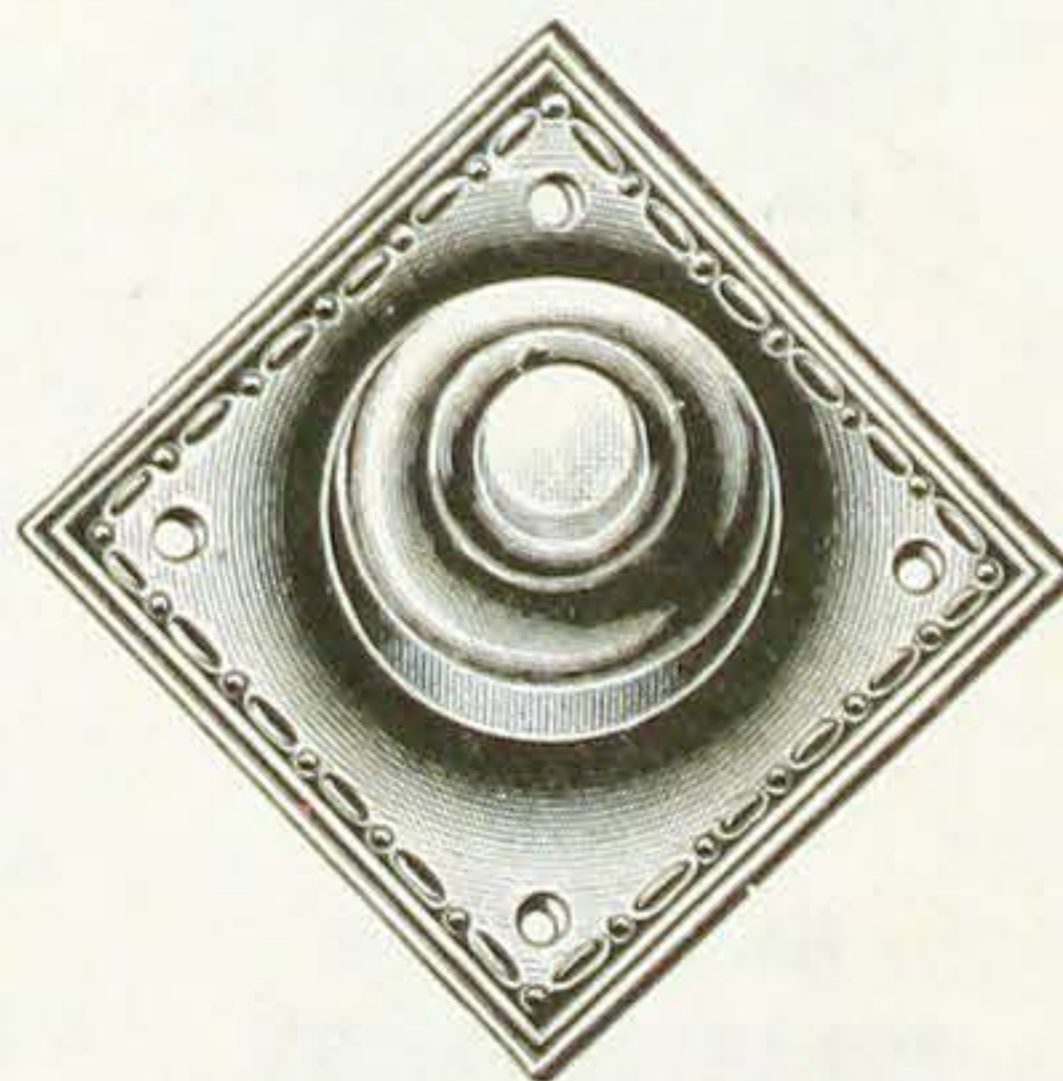
No. PHS*2446 Size 11" x 2 1/4"

	dozen.	each.
Polished Brass ..	12/-	1/1
Bronzed Old Brass ..	15/6	1/5
Antique Coppered Brass ..	15/6	1/5
Oxidized Silver on Brass ..	30/9	2/8



No. PHS*5629 Size 2 1/4" x 1 1/4"

	each.
Polished Brass ..	4/6
Satin Finish on Brass ..	5/-
Bronzed Old Brass ..	5/-
Antique Coppered Brass ..	5/2
Oxidized Silver on Brass ..	5/9
Copper Bronzed Brass ..	5/6
Bronze Metal ..	5/-
Bronze Metal Antique ..	5/4



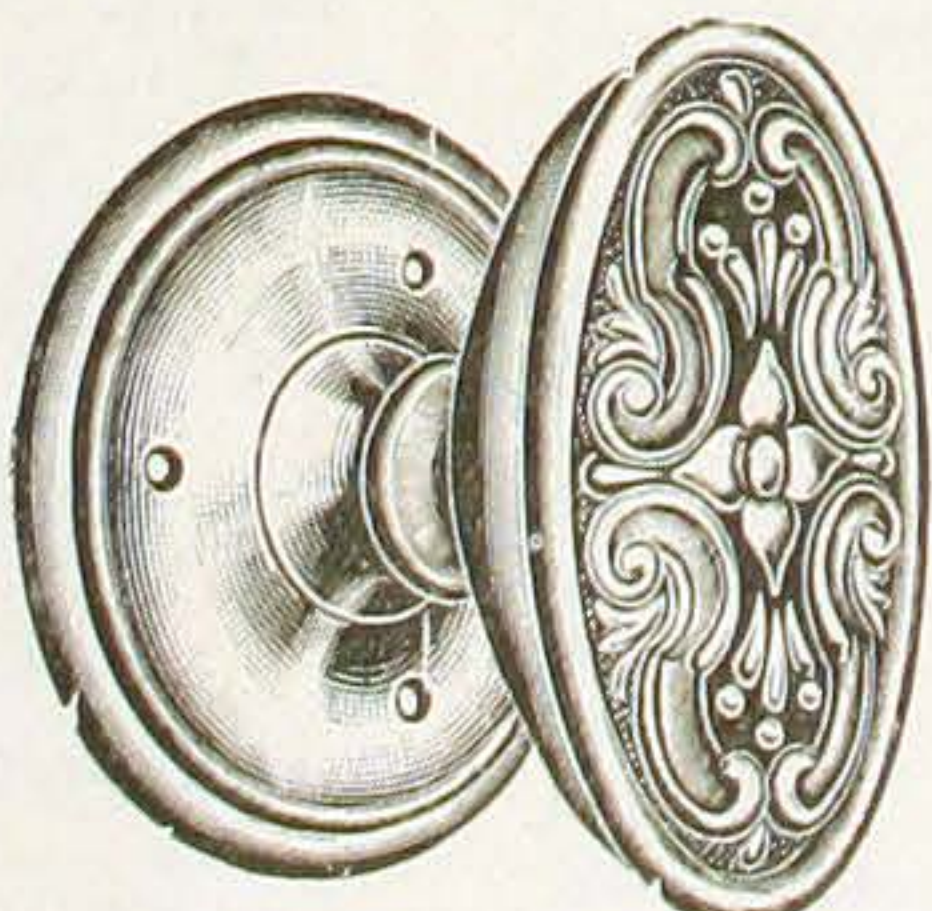
No. PHS*5628 Size 2 1/4" x 2 1/4"

	each.
Polished Brass ..	3/9
Copper Bronzed Brass ..	4/6
Bronzed Old Brass ..	4/2
Antique Coppered Brass ..	4/3
Oxidized Silver on Brass ..	5/-



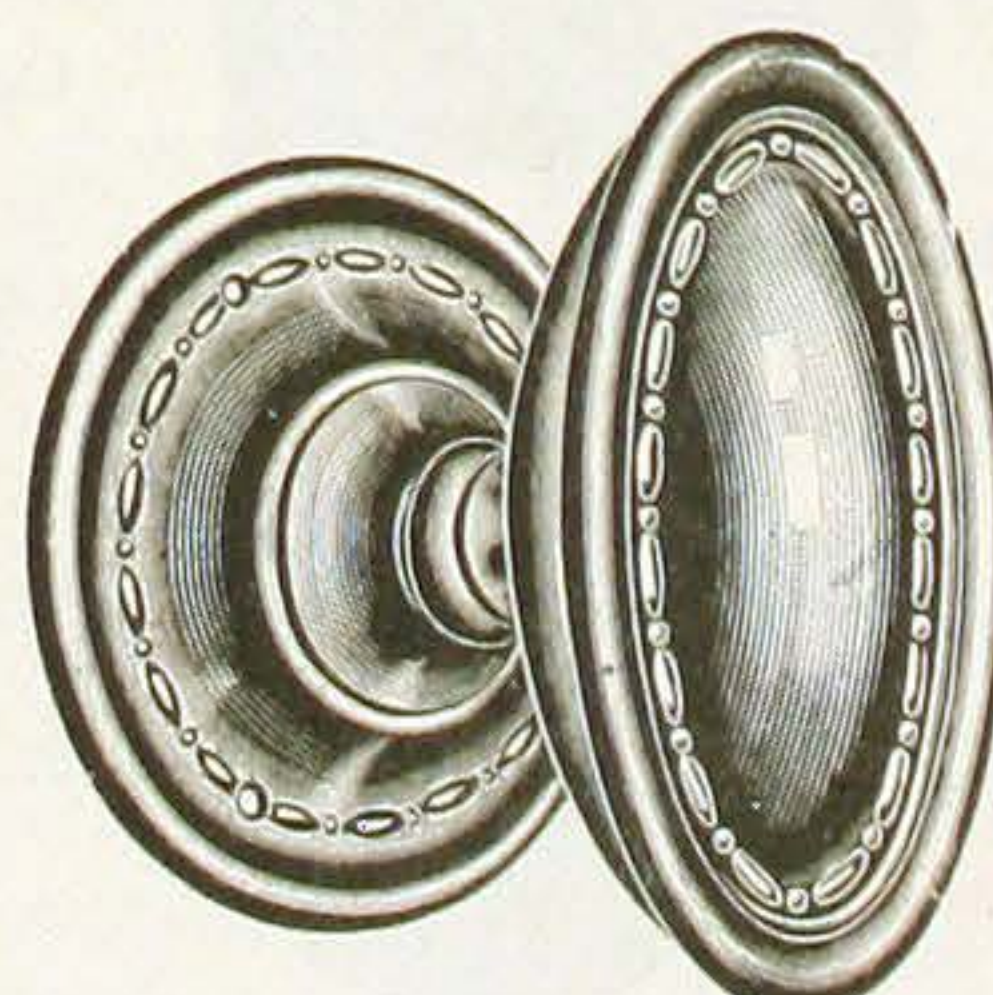
No. PHS*5632 Size 2 1/4" x 1 1/4"

	each.
Polished Brass ..	3/6
C. B. & R. on Brass ..	4/-
Bronze Metal Antique on Brass ..	4/-
Oxidized Silver on Brass ..	4/9



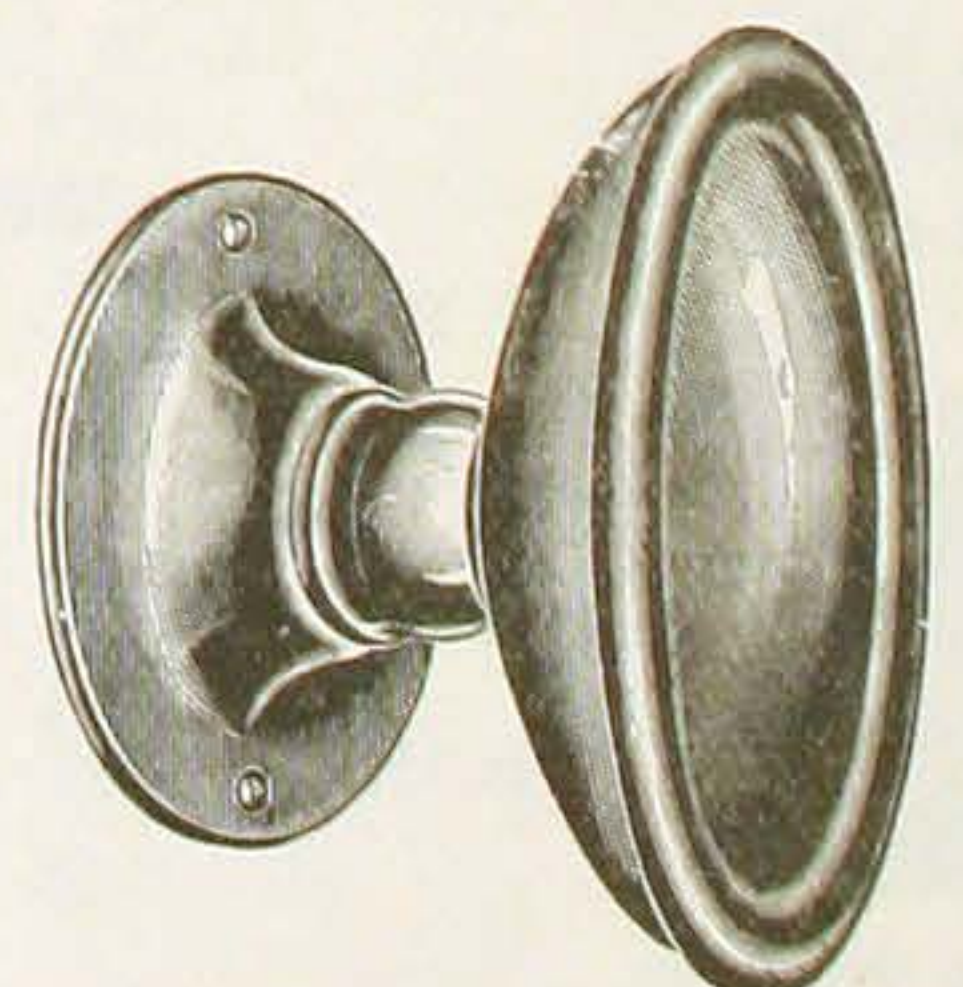
No. PHS*2228 2 1/4" Pitt's Mortice.

	each set.
Polished Brass ..	7/8
Satin Finish on Brass ..	8/4
Bronzed Old Brass ..	8/4
Antique Coppered Brass ..	8/6
Oxidized Silver on Brass ..	10/10
Florentine Bronzed and Relieved ..	10/-
Bronze Metal ..	9/3



No. PHS*2227 2 1/4" Pitt's Mortice.

	per set.
Polished Brass ..	4/6
Bronzed Old Brass ..	5/2
Antique Coppered Brass ..	5/2
Oxidized Silver on Brass ..	7/-

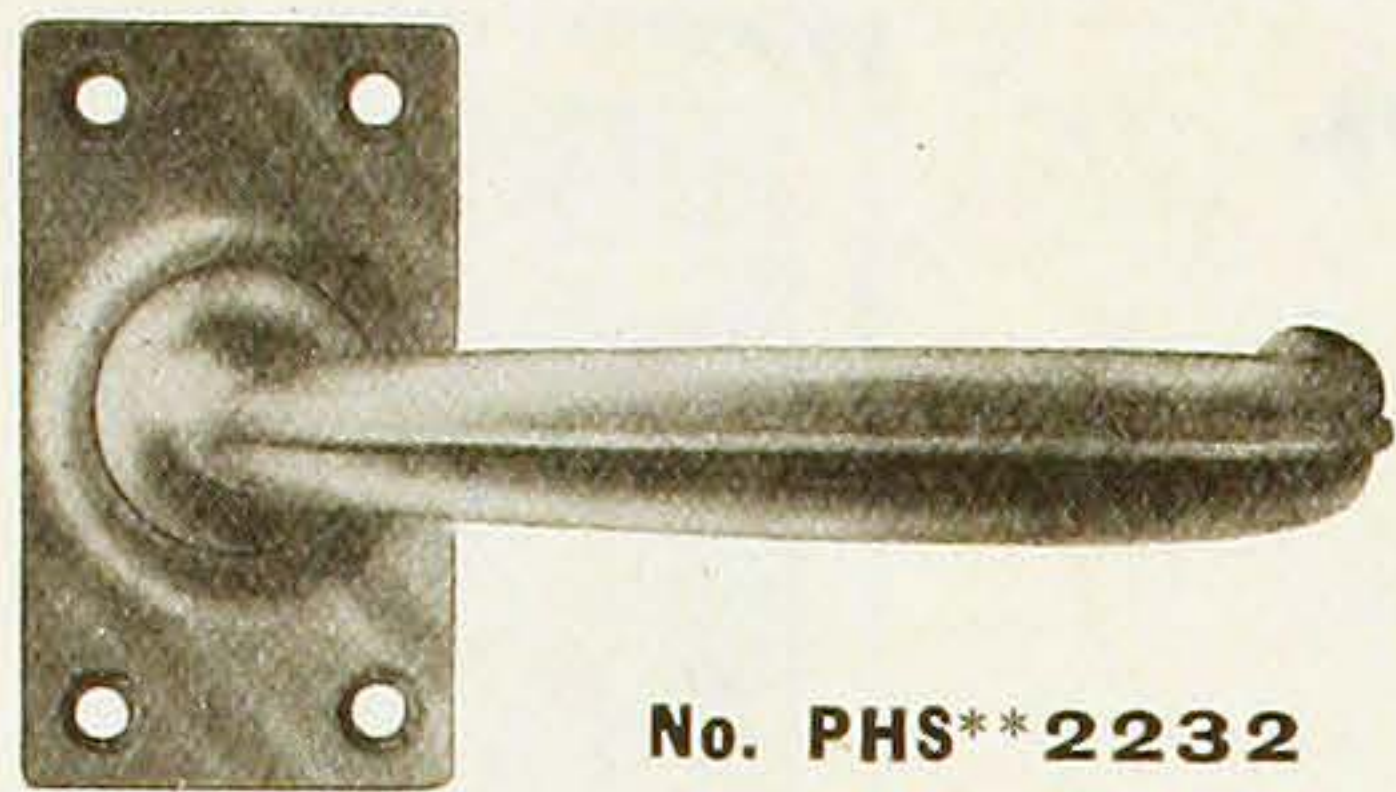


No. PHS*2225 2 1/4" Pitt's Mortice.

	set.
Polished Brass ..	3/9
Bronzed Old Brass ..	4/3
Antique Coppered Brass ..	4/3
Oxidized silver on Brass ..	6/2
B.M.A. on Brass ..	4/3

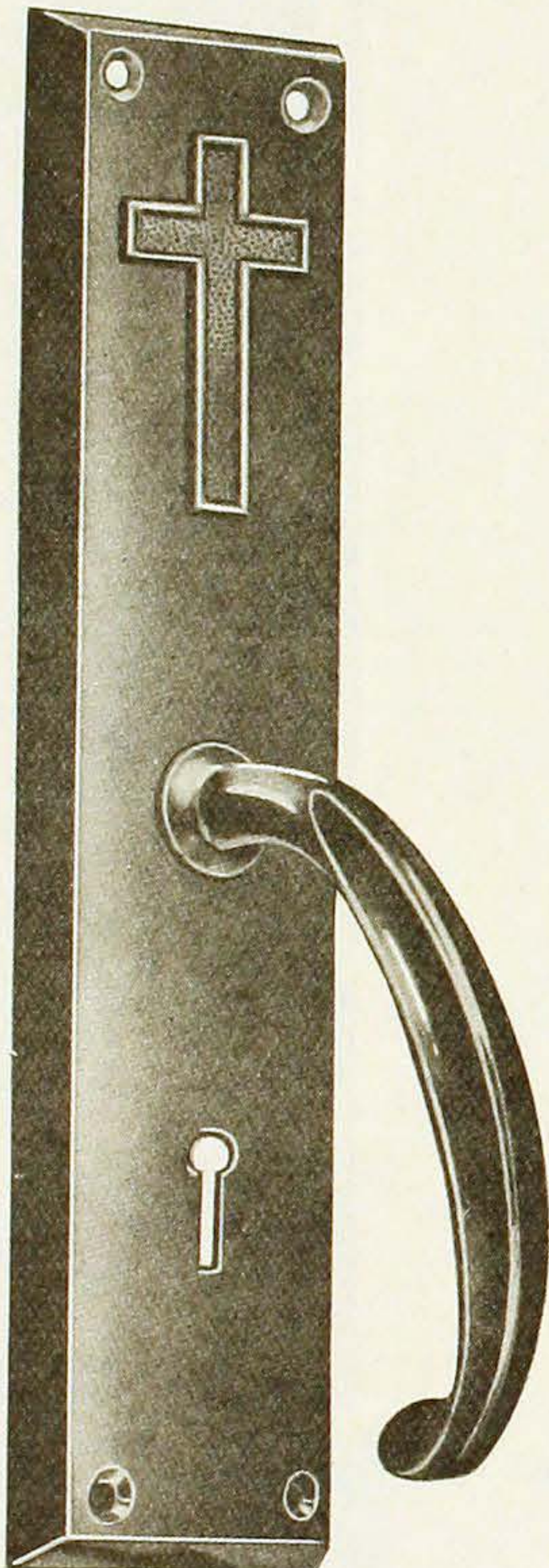
"B" Basis.

PHS—Stocked only in Polished Brass
and Antique Coppered Brass.



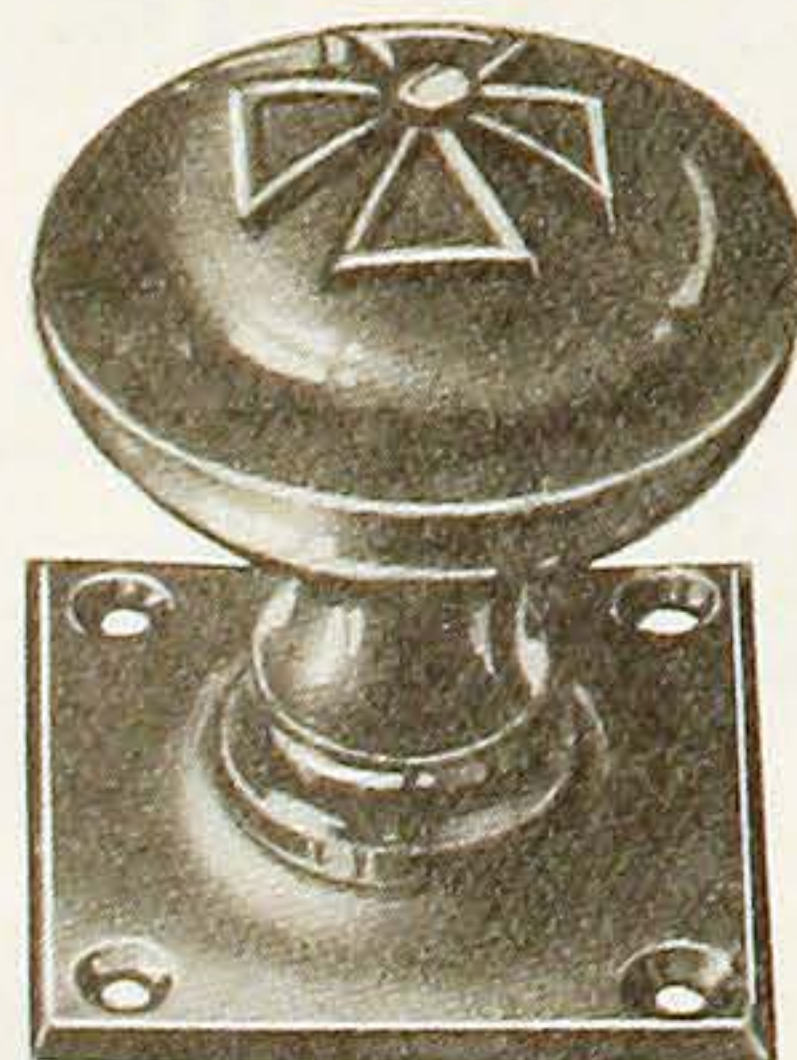
No. PHS**2232

Plate, $2\frac{1}{2}'' \times 1\frac{5}{16}''$ Lever handle, 4" long.
 Berlin Black ... 1/8 each.
 Polished Brass ... 2/11 "
 Copper Bronzed and Relieved
 on Brass ... 3/4 "
 Bronze Metal Antique ... 3/6 "



No. PHO 2279

Plate, $8\frac{3}{4}'' \times 2\frac{1}{8}''$. Handle, 4" long.
 With Without
 Cross. Cross.
 Bronze Metal Antique 17/6 13/3 each.
 Polished Gun Metal ... 16/9 12/9 "
 Polished Brass ... 14/- 10/3 "
 Copper Bronzed and Re-
 lieved on Brass ... 15/9 14/- "
 Oxidized Silver on White
 Metal ... 23/9 21/9 "

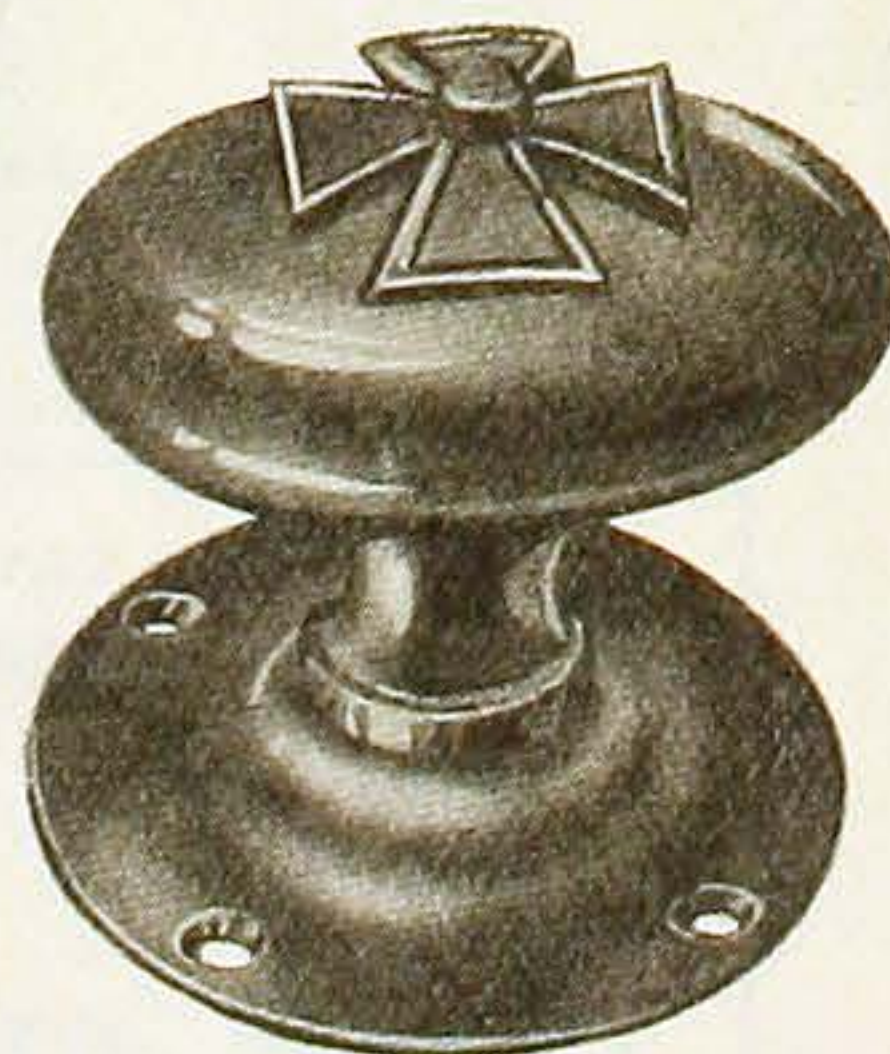


No. PHO 2283

Rose, $2\frac{1}{8}'' \times 2\frac{1}{8}''$ Knob, $2\frac{1}{8}''$
 With Without
 Cross. Cross.
 Pol. Brass ... 9/9 6/3 set.
 Pol. G.M. ... 12/9 7/6 "
 B.M.A. ... 13/3 8/- "
 C. B. and R. on
 Brass ... 10/3 7/- "
 Ox. Silver on
 White Metal 13/9 10/6 "



No. PHS*2274



No. PHO 2284

Rose, $2\frac{3}{4}''$ dia. Knob, $1\frac{1}{2}'' \times 2\frac{3}{8}''$
 Polished Brass ... 10/3 set.
 Polished Gun Metal ... 11/- "
 Bronze Metal Antique 12/- "
 C. B. and R. on Brass 11/- "
 Ox. Silver on White
 Metal ... 13/3 "

Catholic Door Furniture

"B" Basis.

PHS—Stock Line ;

*Stocked only in Brass & B.M.A.

**Stocked in Berlin Black, Brass and B.M.A.

PHO—To order only.



No. PHS 1772

Crank operating
 contact in water-
 tight barrel for use
 with

Nos. PHS 1742
 and PHS 1744
 Pulls.

Iron, Berlin Blacked
 13/3 each.



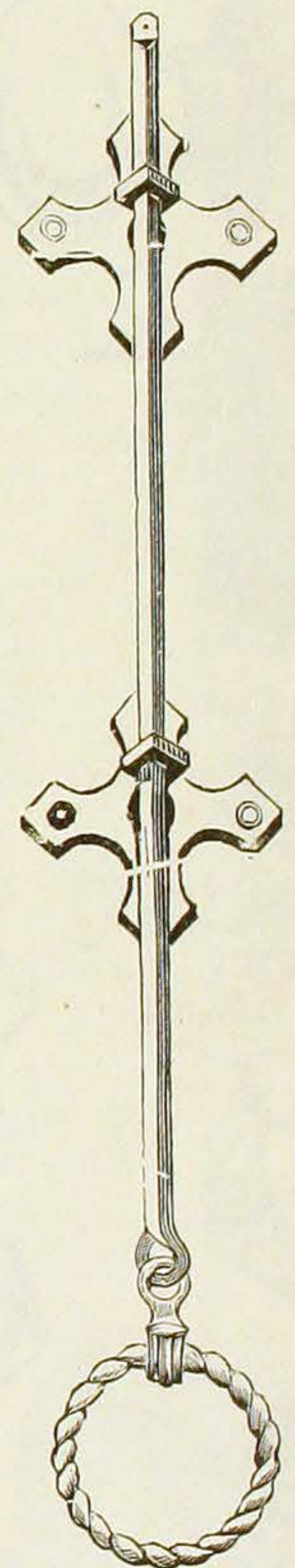
No. PHS 1773

Pull Converter con-
 tact for converting
 existing crank bell
 pulls for electric
 operation,
 5/6 each.

For use with
 Nos. PHS 1742
 and PHS 1744
 Pulls.

No. PHS*2274 15" x 3"

	With Cross.	Without Cross.
B.M.A. ...	12/-	9/9 each.
Polished G.M. ...	11/6	9/3 "
Polished Brass ...	9/9	7/6 "
C.B. and R. on Brass ...	11/-	9/9 "
Ox. Silver on White Metal... 17/6	16/3 "	



No. PHS 1742

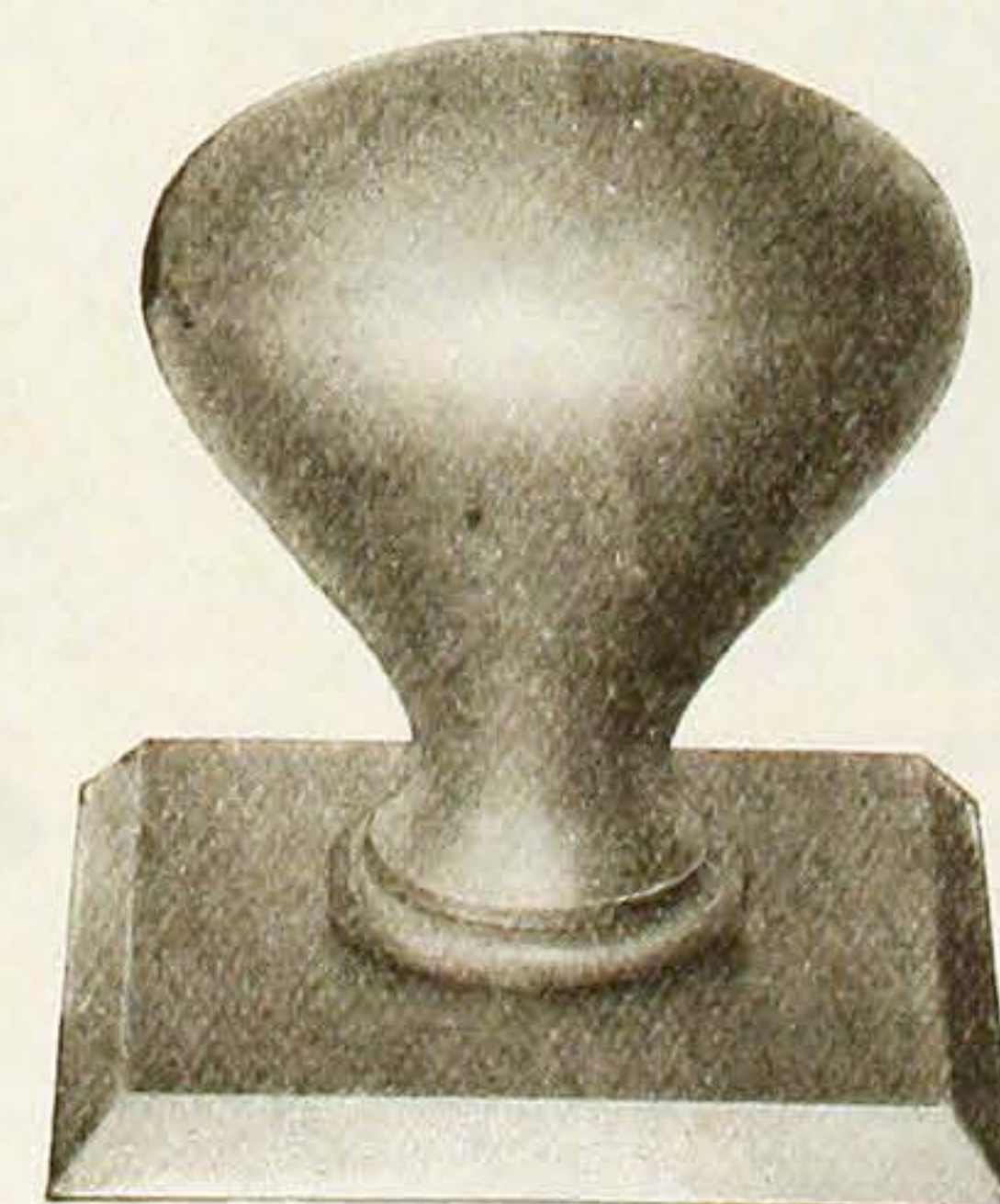
BELL PULLS.

No. PHS 1742 24" long.
 Mall. Iron, Berlin Black 5/6
 Polished Brass ... 12/-

No. PHS 1744 24" long
 Mall. Iron, Berlin black 6/9
 Polished Brass ... 14/6

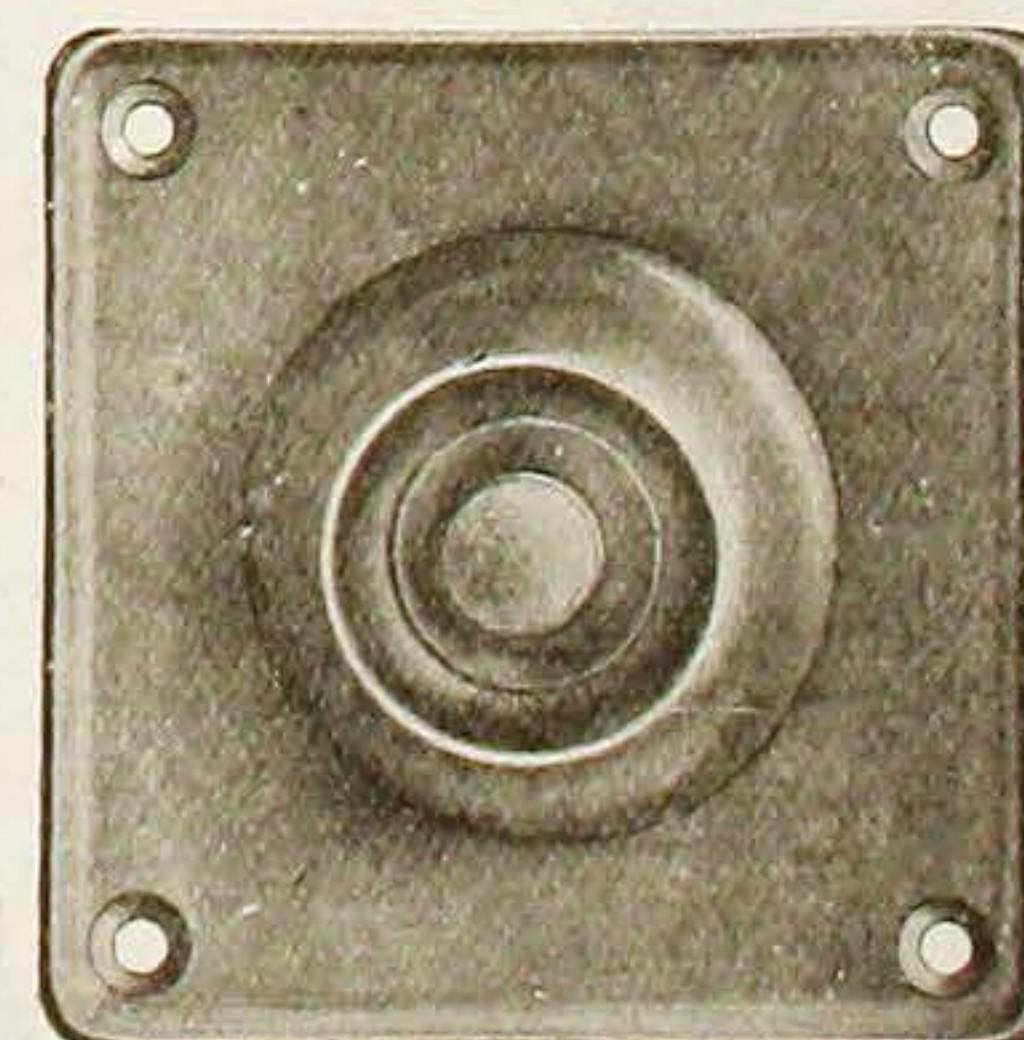


No. PHS 1744



No. PHO 2289

Knob, $2\frac{3}{8}''$
 Polished Brass ... 8/- each.
 C. B. and R. on Brass 8/9 "
 Bronze Metal Antique 10/3 "
 Ox. Silver on White
 Metal ... 11/6 "

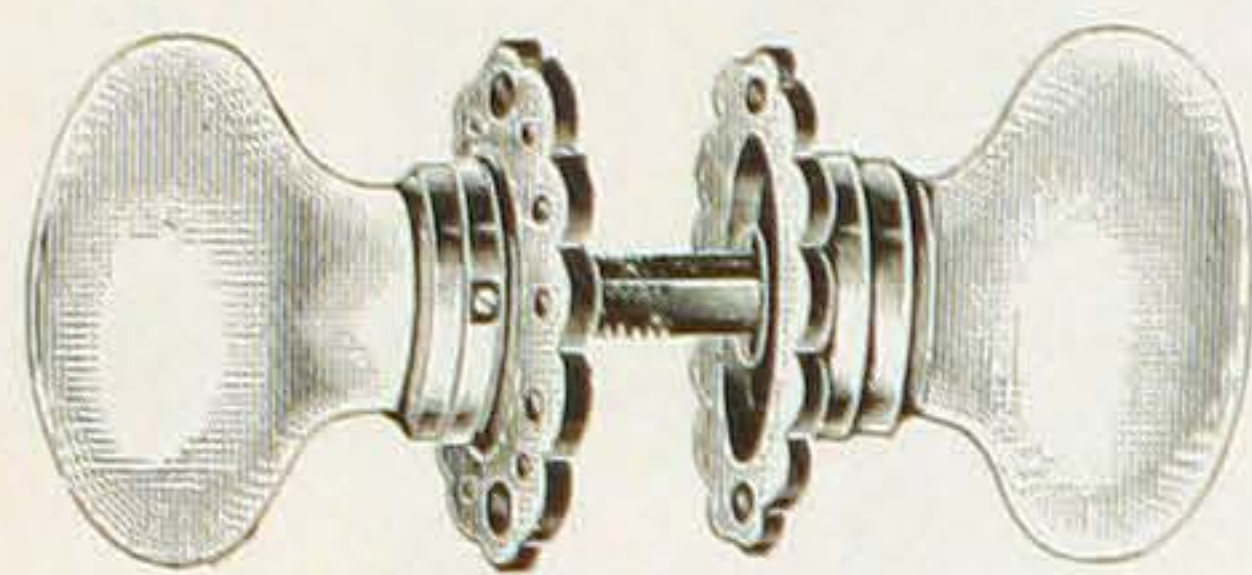


No. PHO 5639

Size 3" x 3"
 Polished Brass ... 7/-
 C. B. and R. on Brass 8/-
 Bronze Metal Antique 8/6
 Ox. Silver on White
 Metal ... 11/-

Priced each

China and Glass Door Furniture, Shutter and Drawer Knobs.



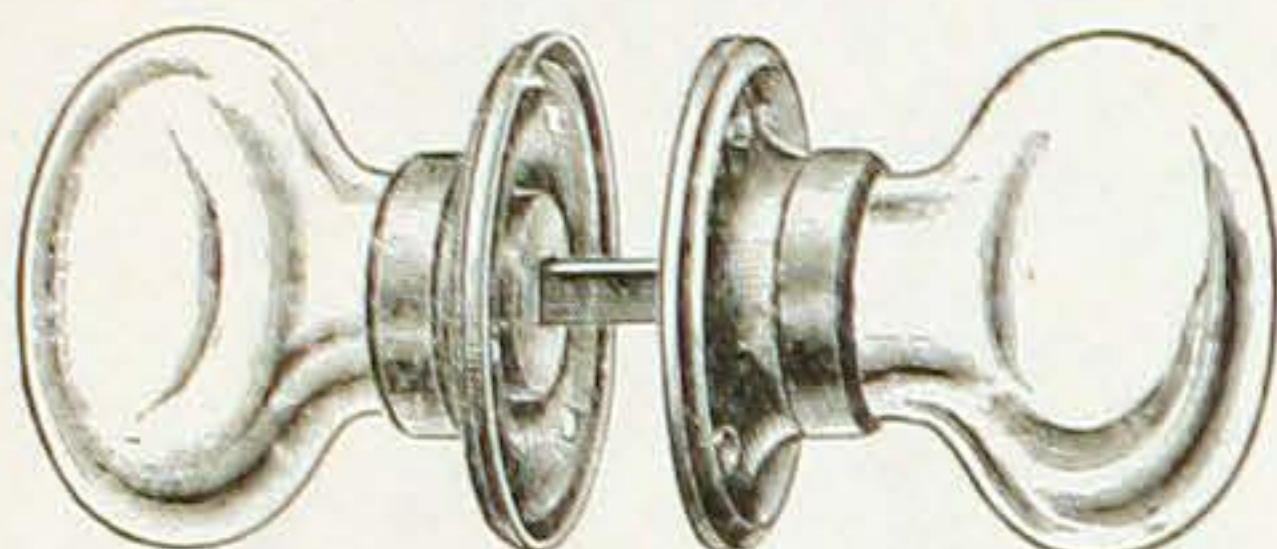
No. PHS 2262 China.

Mace's Cast Brass Rose.

	Rim.	Mortice.
White ..	4/6	6/6 set.
White and gold ..	5/3	7/6 "
Black ..	4/9	6/9 "
Black and gold ..	5/6	7/9 "

2 1/4" stock size.

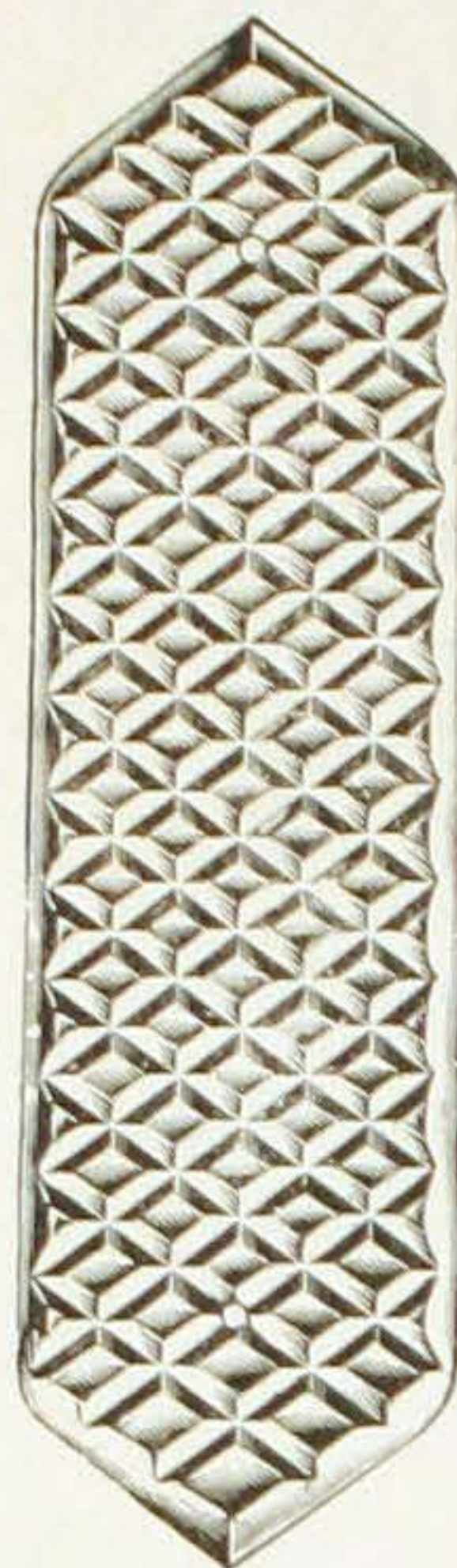
2" supplied to order at same price.



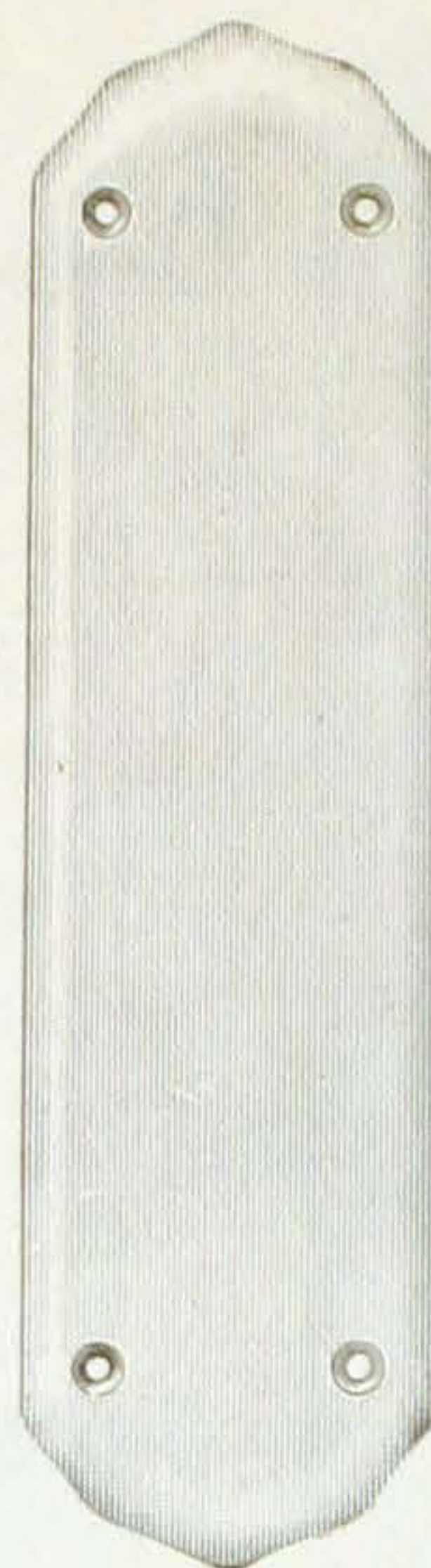
No. PHS 2268

Plain Glass Knobs. 2 1/4".

Pitt's strong Cast Brass Rose.

Mortice.
Crystal .. 20/6 set.

No. PHS 2297

Cut Glass. 10" x 3".
Crystal .. 17/6 each.
Amber .. 25/9 "

No. PHS 2280

China.
Widths vary in 1/4 inches
from 1 1/4" to 3" wide.
11" long.

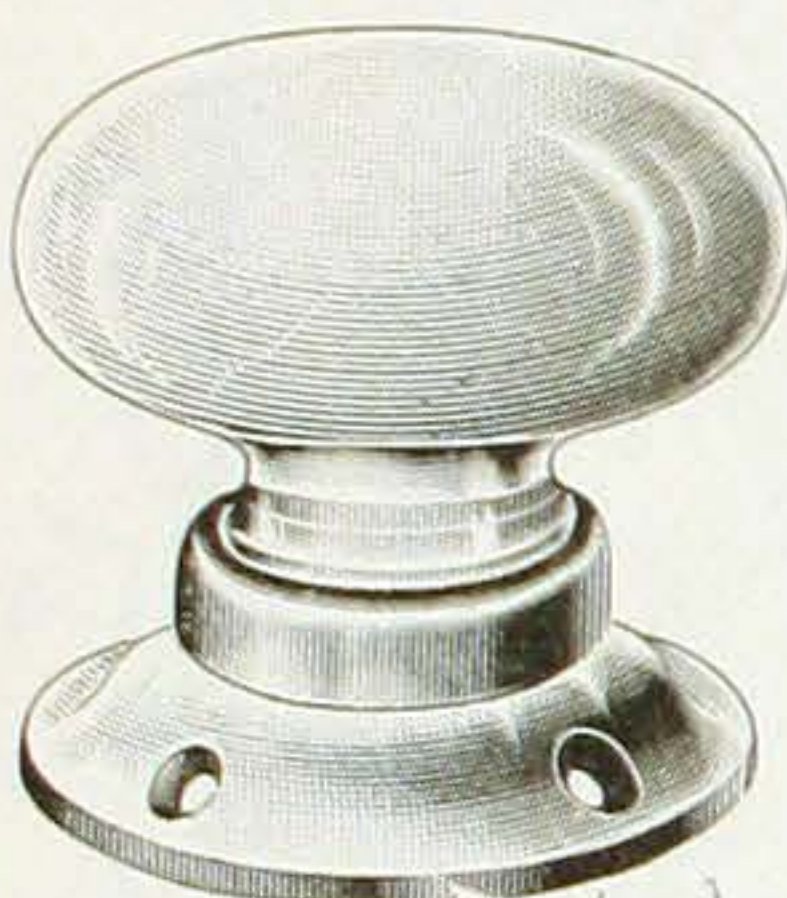
No. PHS 2281

China.
Widths vary in 1/4 inches,
from 2" to 3" wide. 11" long.

Nos. PHS 2280 and PHS 2281—

White ..	15/9 dozen, 1/6 each.
White with gold lines ..	25/- " 2/3 "
Black ..	19/9 " 1/9 "
Black with gold lines ..	29/- " 2/7 "

Stock size, 11" x 2 1/4" Other sizes to order.

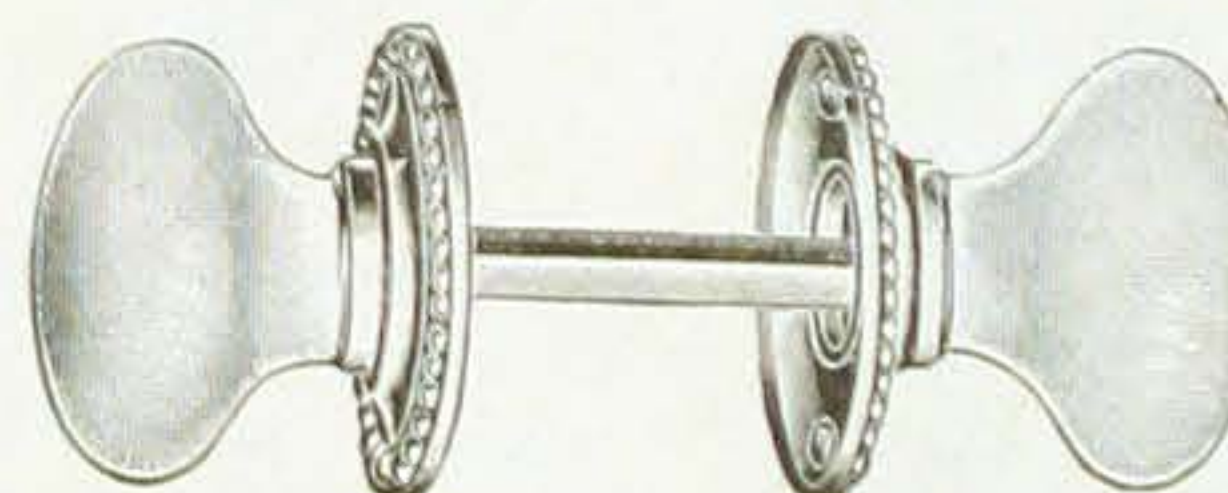


No. PHS 3207 Glass.

Oval Crystal.

(Width at widest part, 2 1/2").
18/6 per set.

No. PHS 3201 Glass.

Crystal, 2" 14/- set.
Ball, 2 1/4" 15/- "

No. PHS 2263 China. 2 1/4"

	Rim.	Mortice.
White ..	4/9	6/3 set.
White with gold lines ..	6/-	7/9 "
Black ..	5/-	6/6 "
Black with gold lines ..	6/3	8/- "

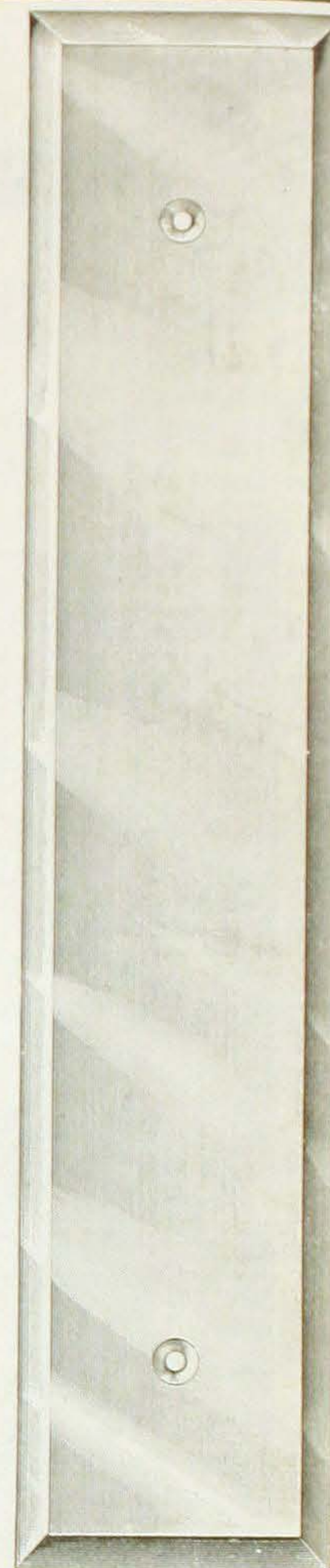


No. PHS 3205

GLASS SCREW KNOB.

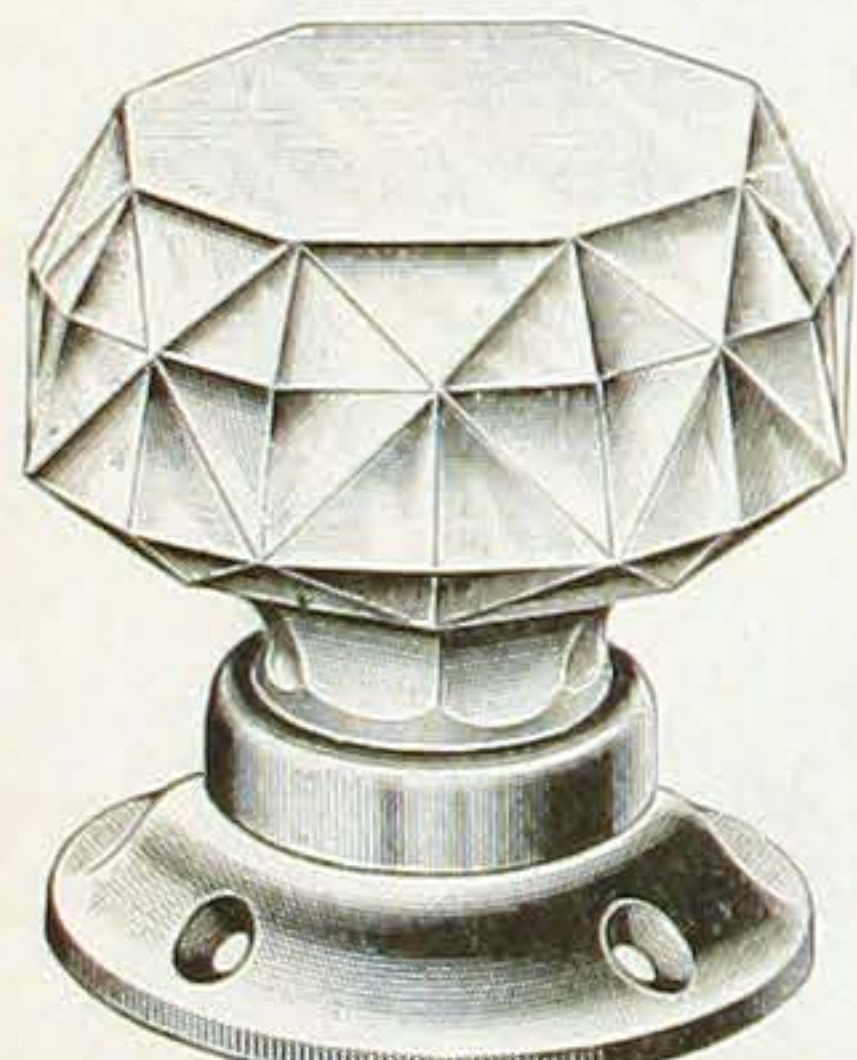
For Finger Plates.

3/4 dozen, 4d. each.



No. PHS 3203

GLASS FINGER PLATE.

8" x 3" 23/3 dozen, 2/- each.
11" x 3" 29/- " 2/6 "
12" x 3" 36/6 " 3/2 "
Stock size, 11" x 3"

No. PHS 3206 Glass.

2 1/4" 2 1/4"
Crystal 19/3 22/3 set.
Amber 22/3 26/- "

No. PHS 3202 Glass.

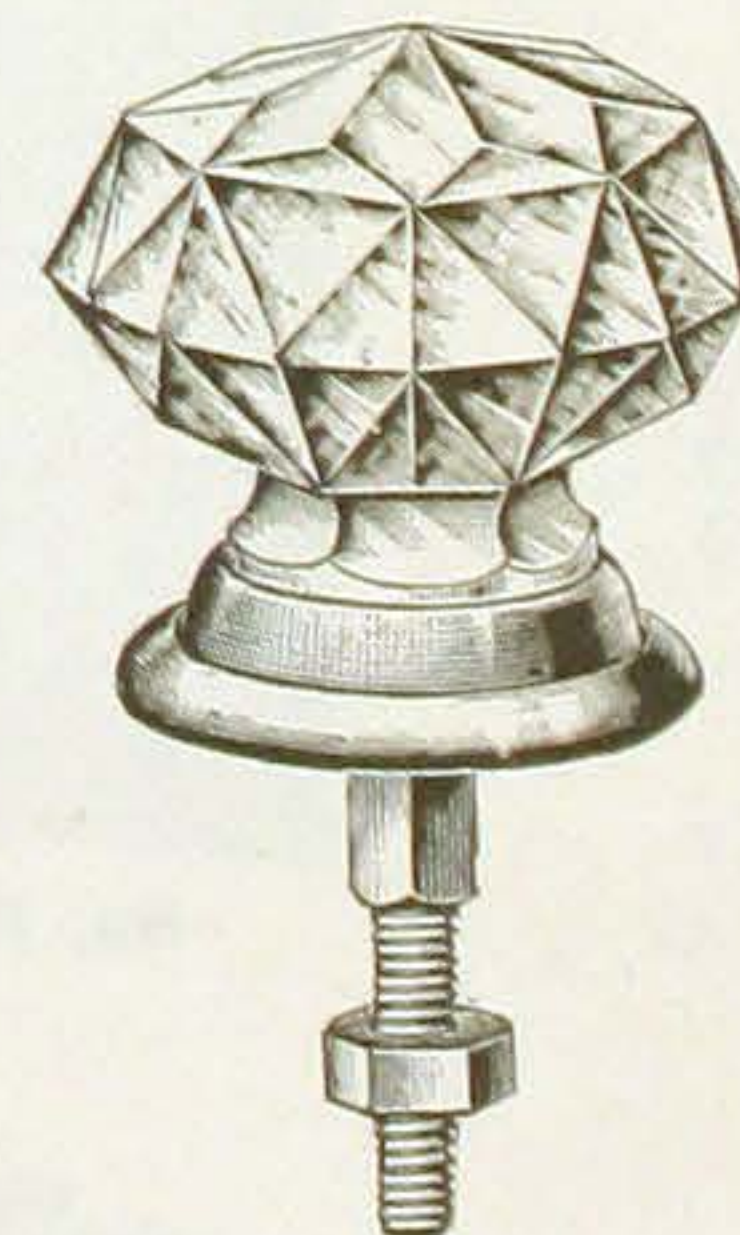
Oval Crystal with White
Metal Mounts.(Width at widest part 2 1/2").
20/3 set.

No. PHS 3215

Glass Shutter or Drawer
Knob.

See Prices in panel.

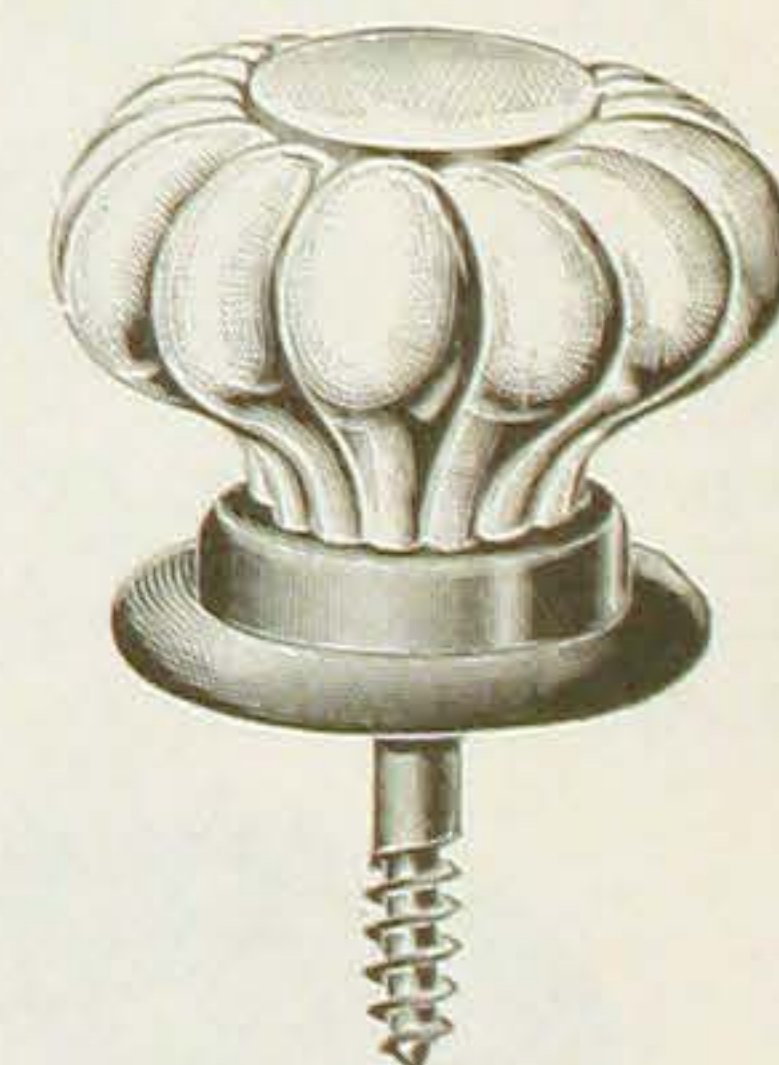
No. PHS 3210

Glass Cupboard Turn.
1 1/4" Crystal, 28/- dozen.
2/5 each.

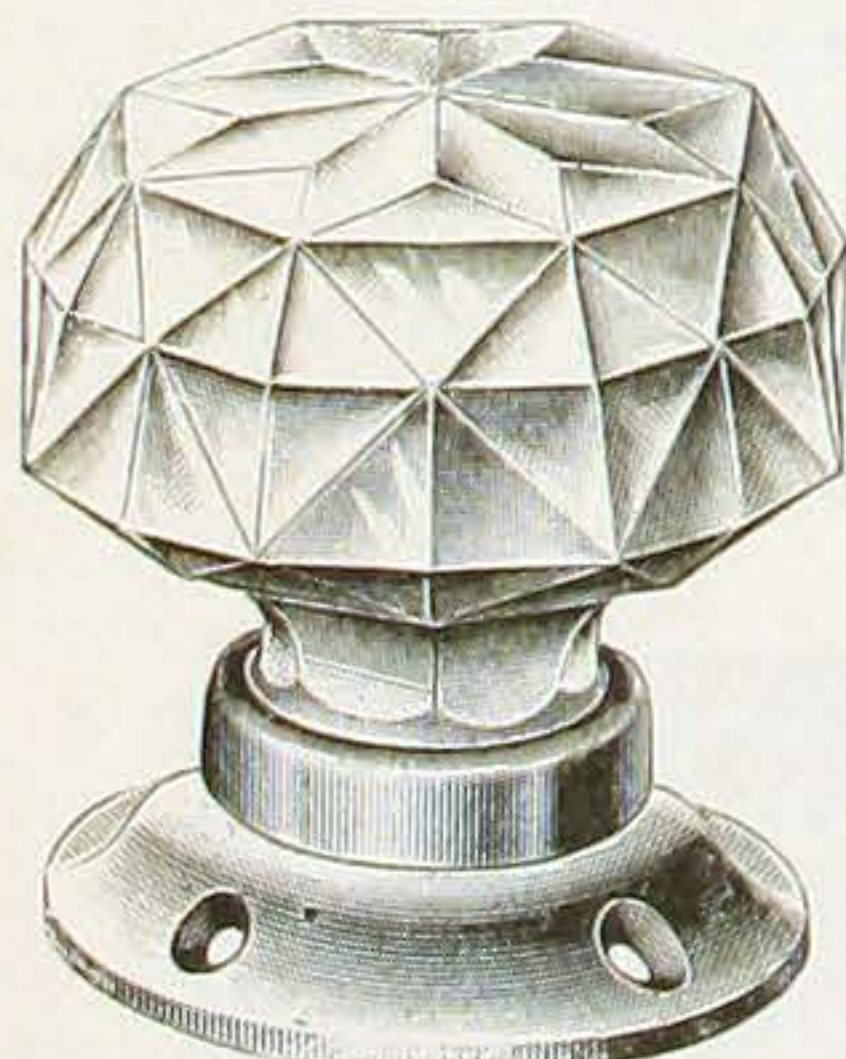
No. PHS 3216

Glass Shutter or Drawer
Knob.

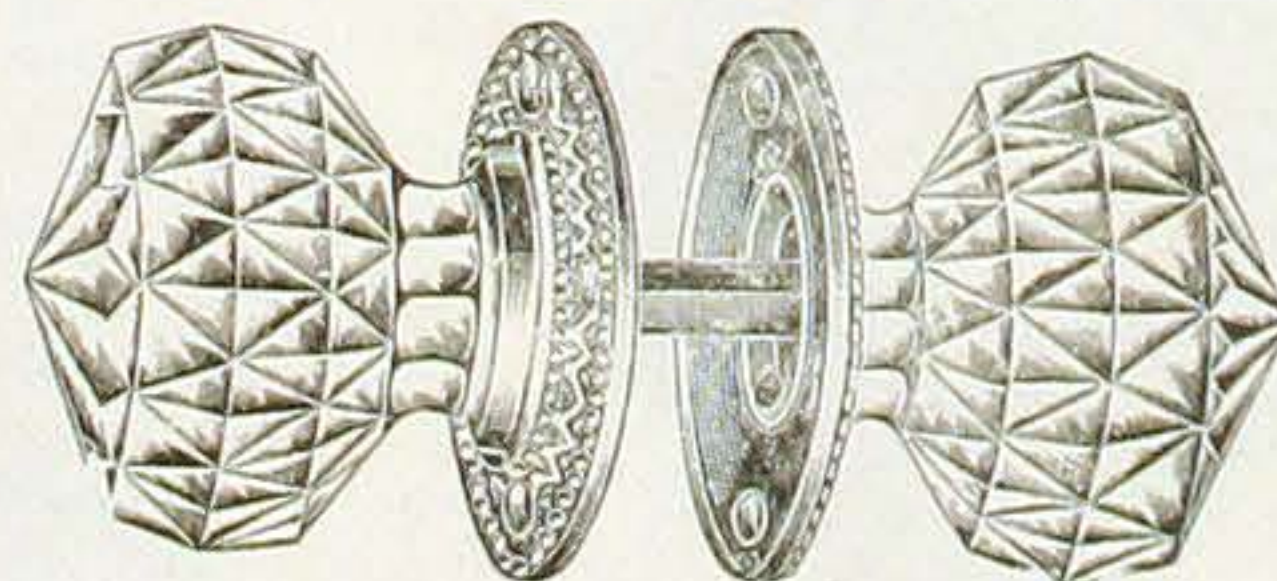
See Prices in panel.



No. PHS 3214

Glass Shutter Knob.
See Prices in panel.

No. PHS 3208 Glass.

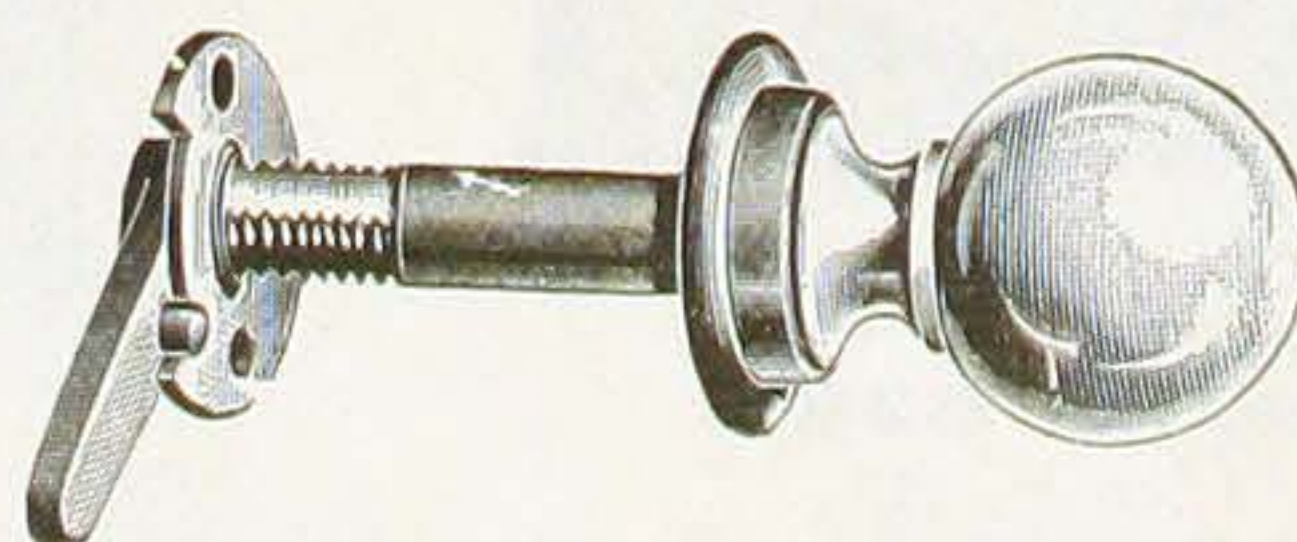
2 1/4" 2 1/4"
Crystal 21/3 24/- set.
Amber 24/- 28/- "

No. PHS 2269 Cut Glass. 2 1/4"

Crystal 22/- set. Amber, 22/9 set.



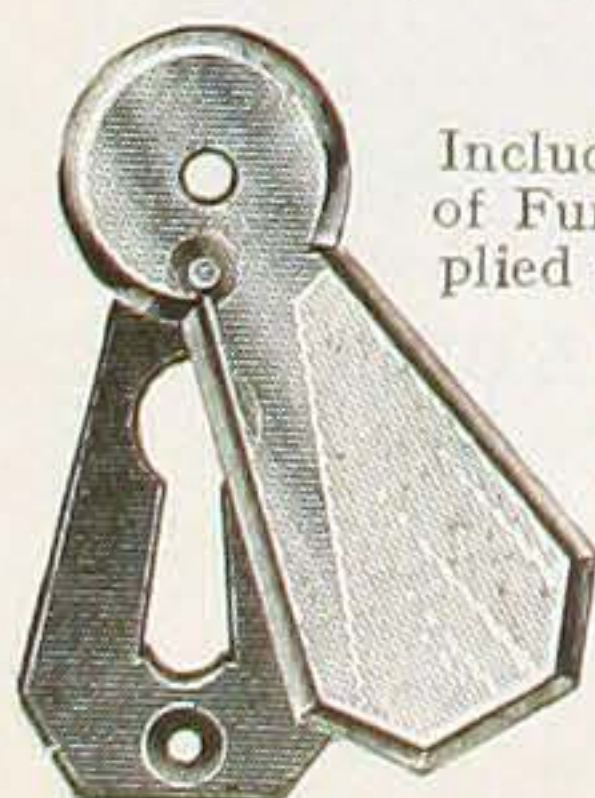
No. PHS 3212

Glass Cupboard Turn.
1 1/4" Crystal.
29/- dozen, 2/6 each.

No. PHS 3209

Glass Cupboard Turn.

1 1/4" Crystal .. 29/- dozen, 2/6 each.

Included in prices
of Furniture, sup-
plied separately.

No. PHS 3217

with White
Metal Back.

Plain, 2/8

per pair.

Cut, 3/6

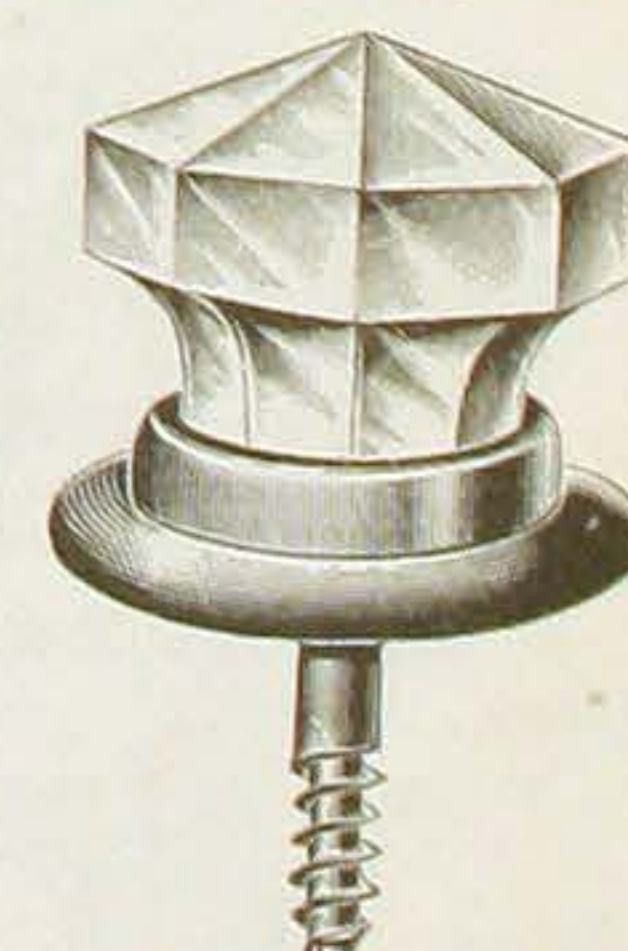
per pair.

CRYSTAL
GLASS SHUTTER OR DRAWER KNOBS.

Nos.	PHS 3213	3214	3215	3216
3/4"	9/8	—	—	—
1"	11/8	—	19/3	20/2
1 1/4"	13/6	—	21/2	22/2
1 1/2"	16/4	20/2	23/2	25/-
1 3/4"	—	25/-	30/9	33/8
2"	—	29/-	37/6	40/6
2 1/4"	—	—	46/3	49/2
2 1/2"	—	—	52/-	55/9

Per dozen.

Amber, 20 % extra.



No. PHS 3213

Glass Shutter or Drawer
Knob. 1 1/4" Crystal.
See Prices in panel.

No. PHS 3211

Glass Cupboard Turn.

1 1/4" Crystal.

"B" Basis.

Door Knockers

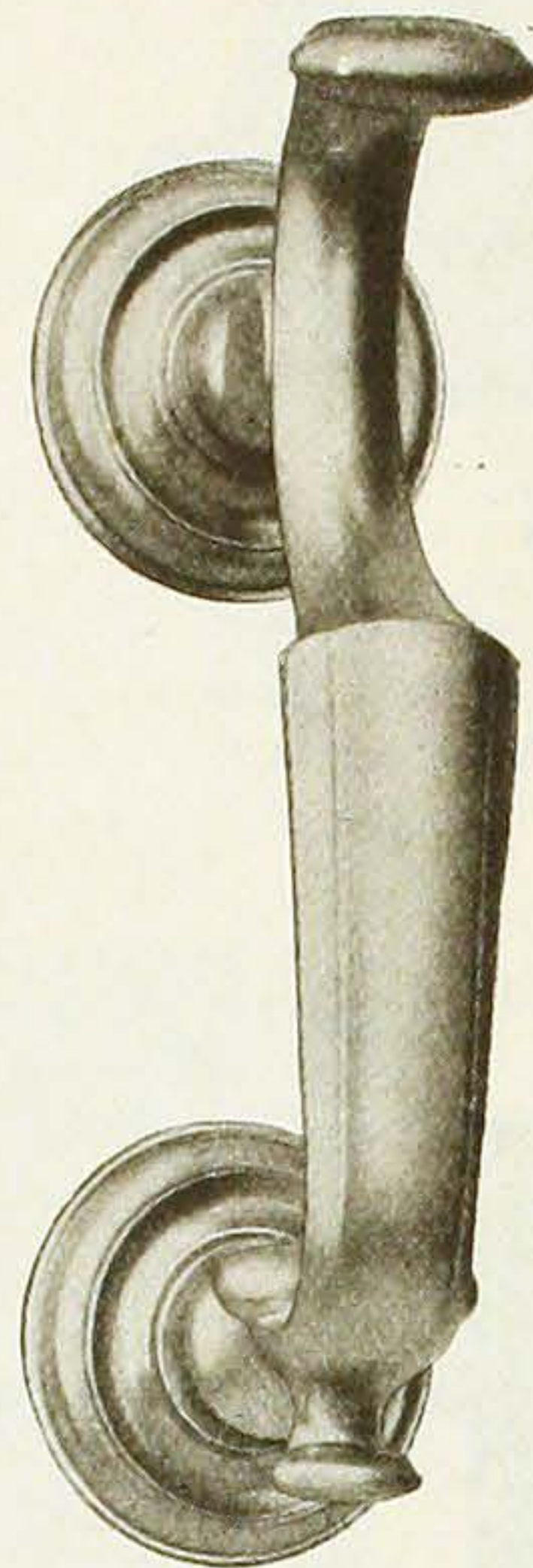
*Stocked only in Brass and B.M.A.
Priced each.



No. PHS*6768

Size 8" x 1 3/4"

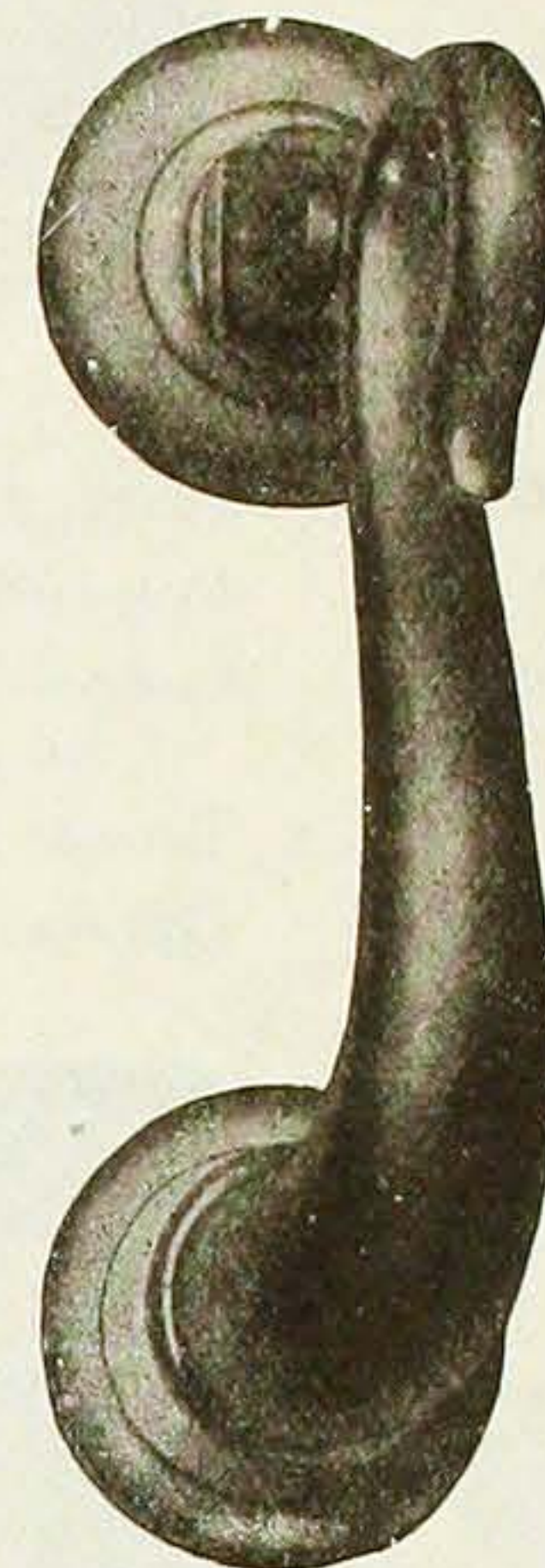
Polished Brass ... 7/- each.
C. B. & R. on Brass 8/- "
Bronze Metal Antique 8/6 "
Oxidized Silver on
White Metal ... 13/3 "



No. PHS*5619

	6 1/2"	7 1/2"	8 1/2"
Polished Brass ...	9/-	10/9	12/3 each.
Antique Brass ...	9/9	11/6	13/- "
Antique Copper on			
Brass ...	10/-	11/9	13/3 "

*Stocked only in Brass and Antique Copper on Brass.



No. PHS*5615

Size 5 1/2" x 1 1/8"

Polished Brass ... 7/- each.
C. B. & R. on Brass 7/6 "
Bronze Metal Antique 8/9 "
Oxidized Silver on
White Metal ... 11/- "



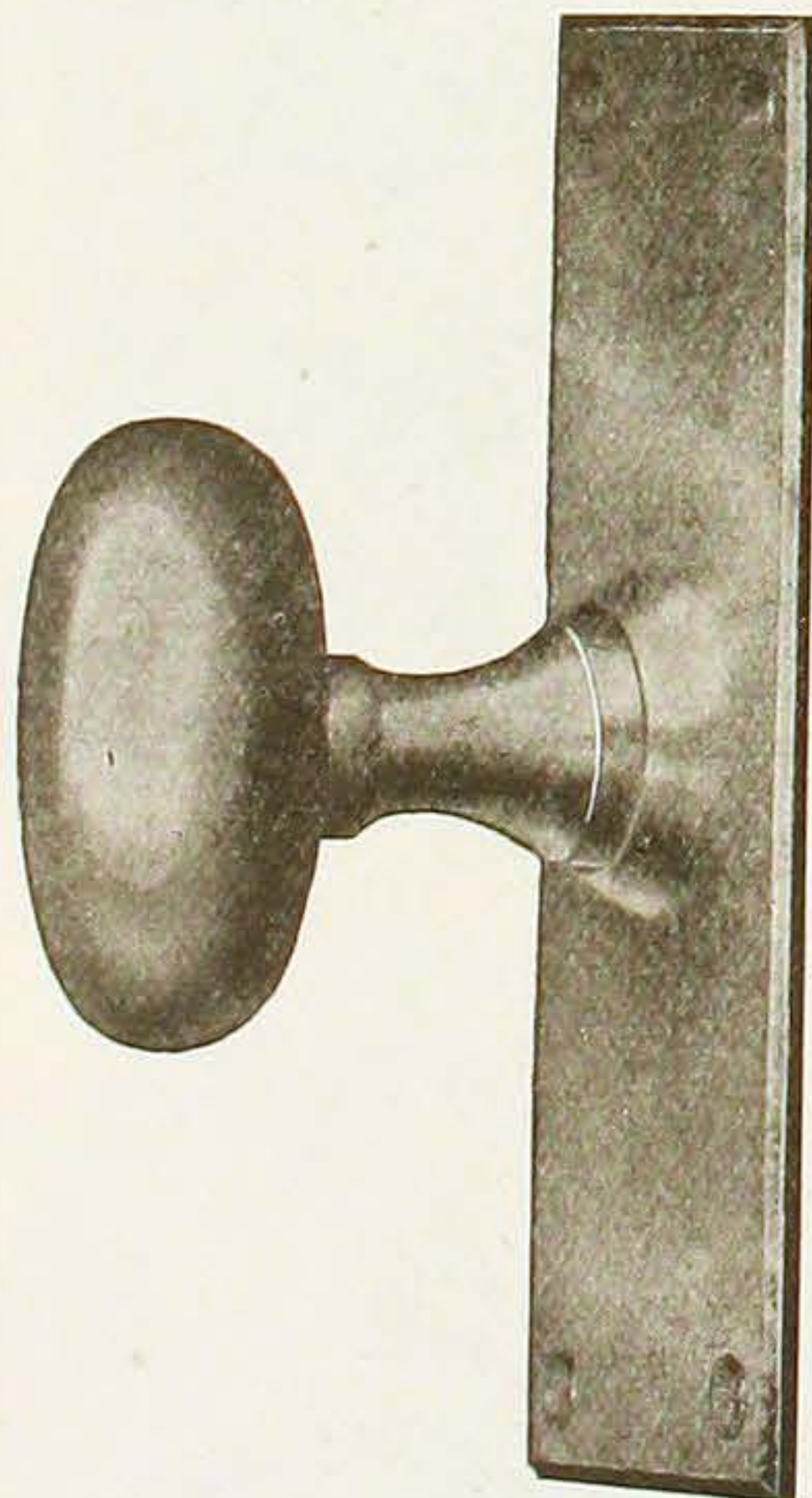
No. PHS*5613

Size 8" x 1 1/2"

Polished Brass ... 8/9
C. B. & R. on Brass 9/9
Bronze Metal Antique 10/6
Oxidized Silver on
White Metal ... 13/3

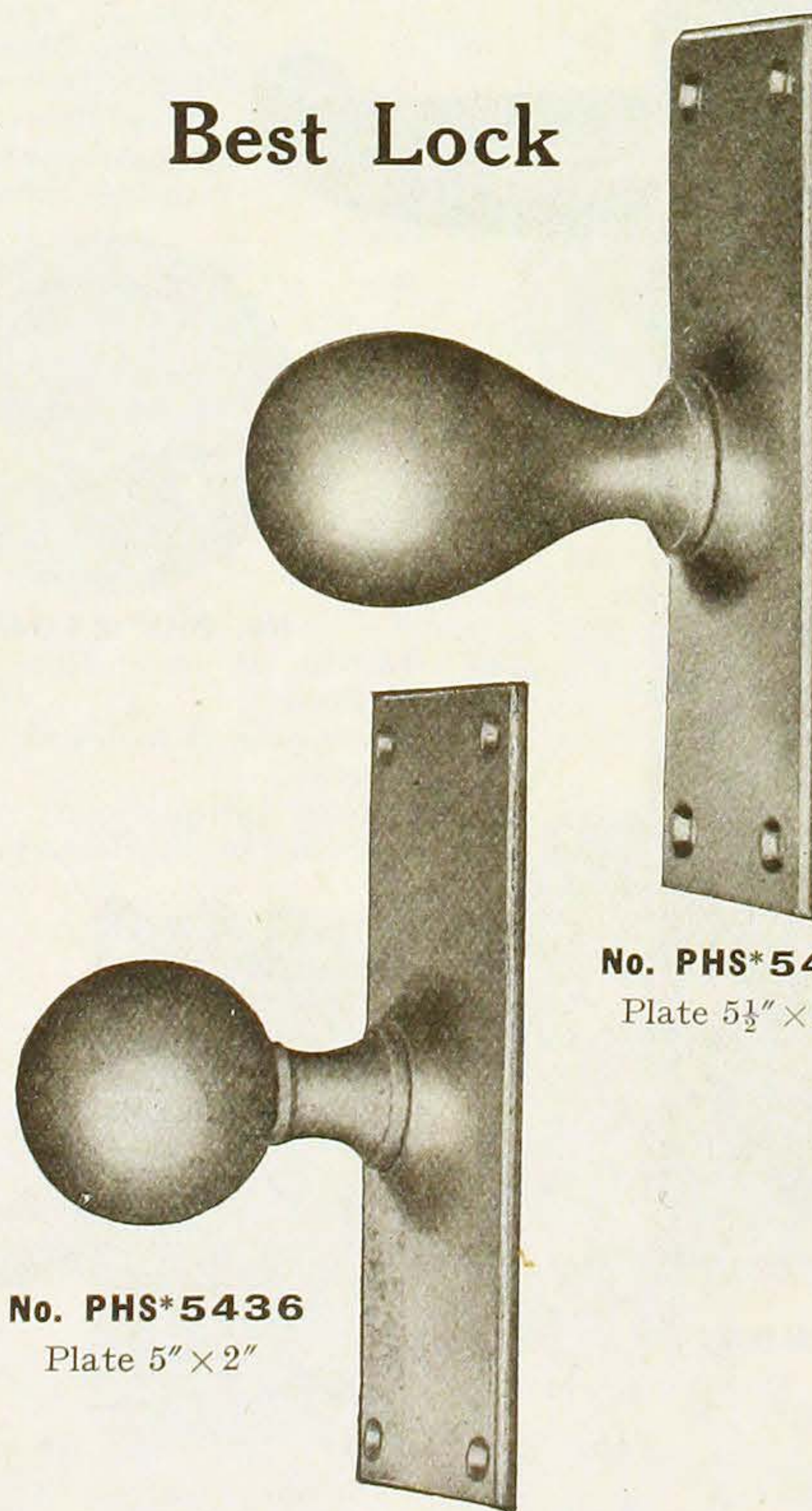
Best Lock

Furniture



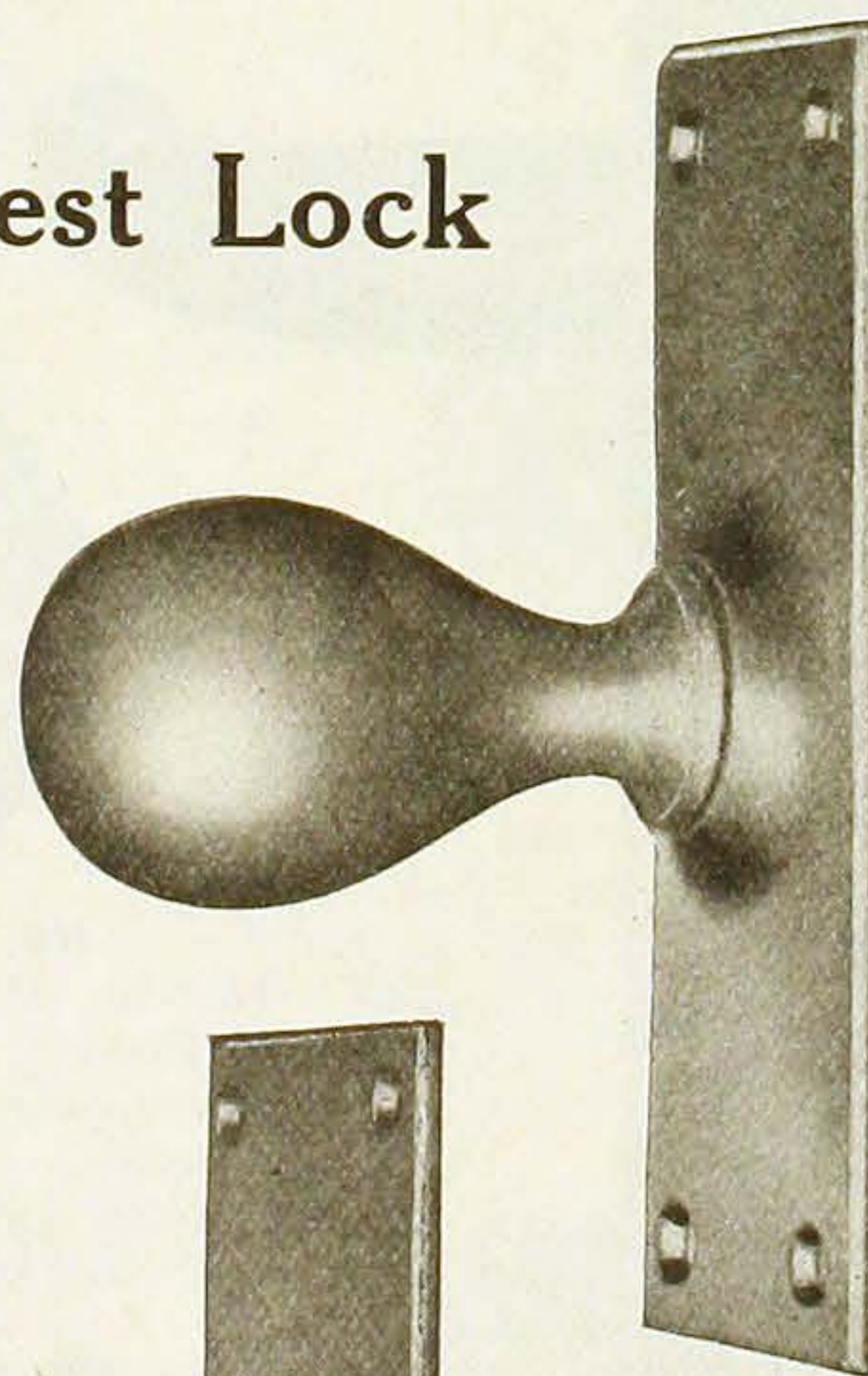
No. PHS*5435

Knob, 2 1/2" x 1 5/8"
Plate 5" x 2"



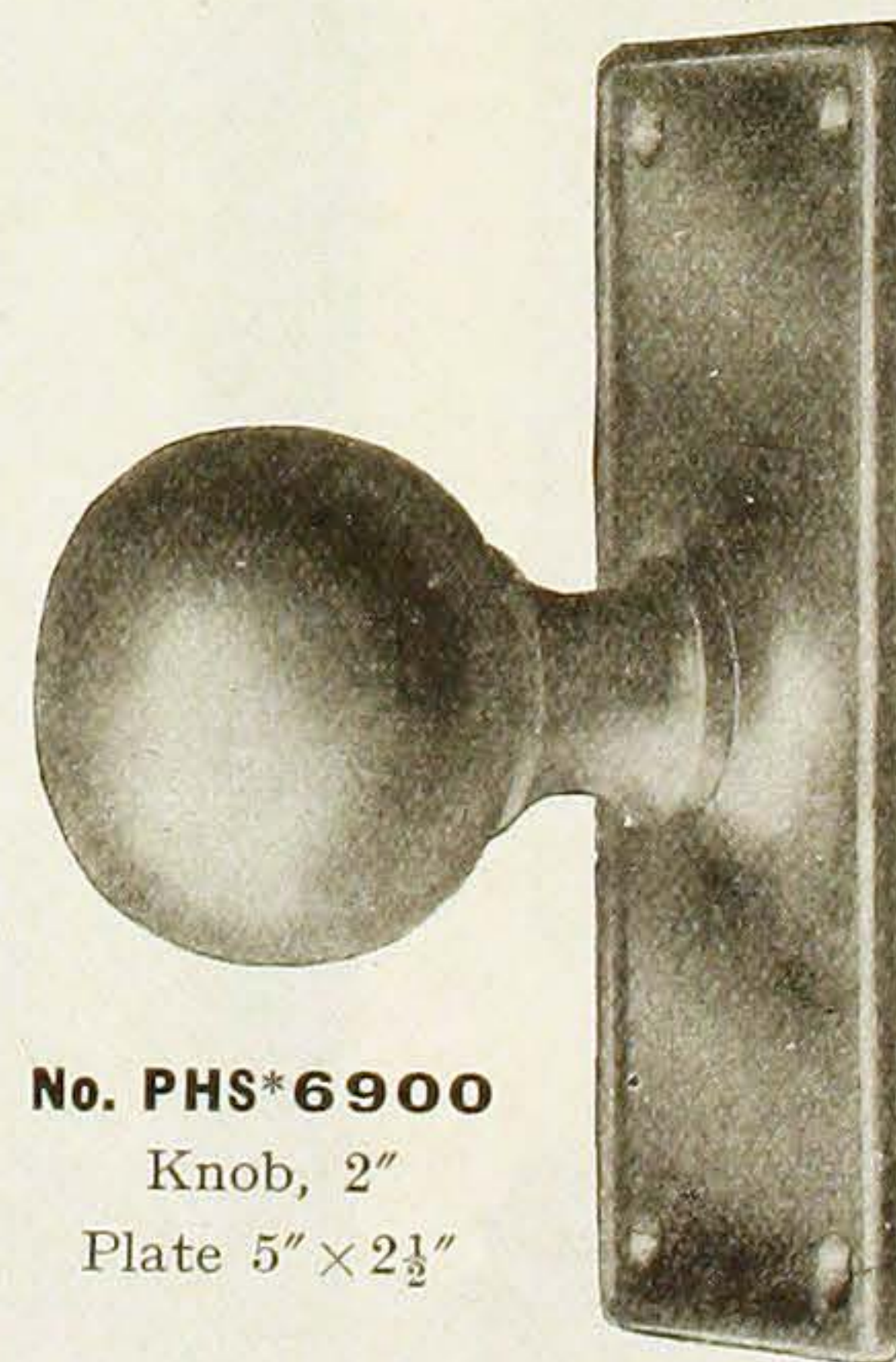
No. PHS*5436

Plate 5" x 2"



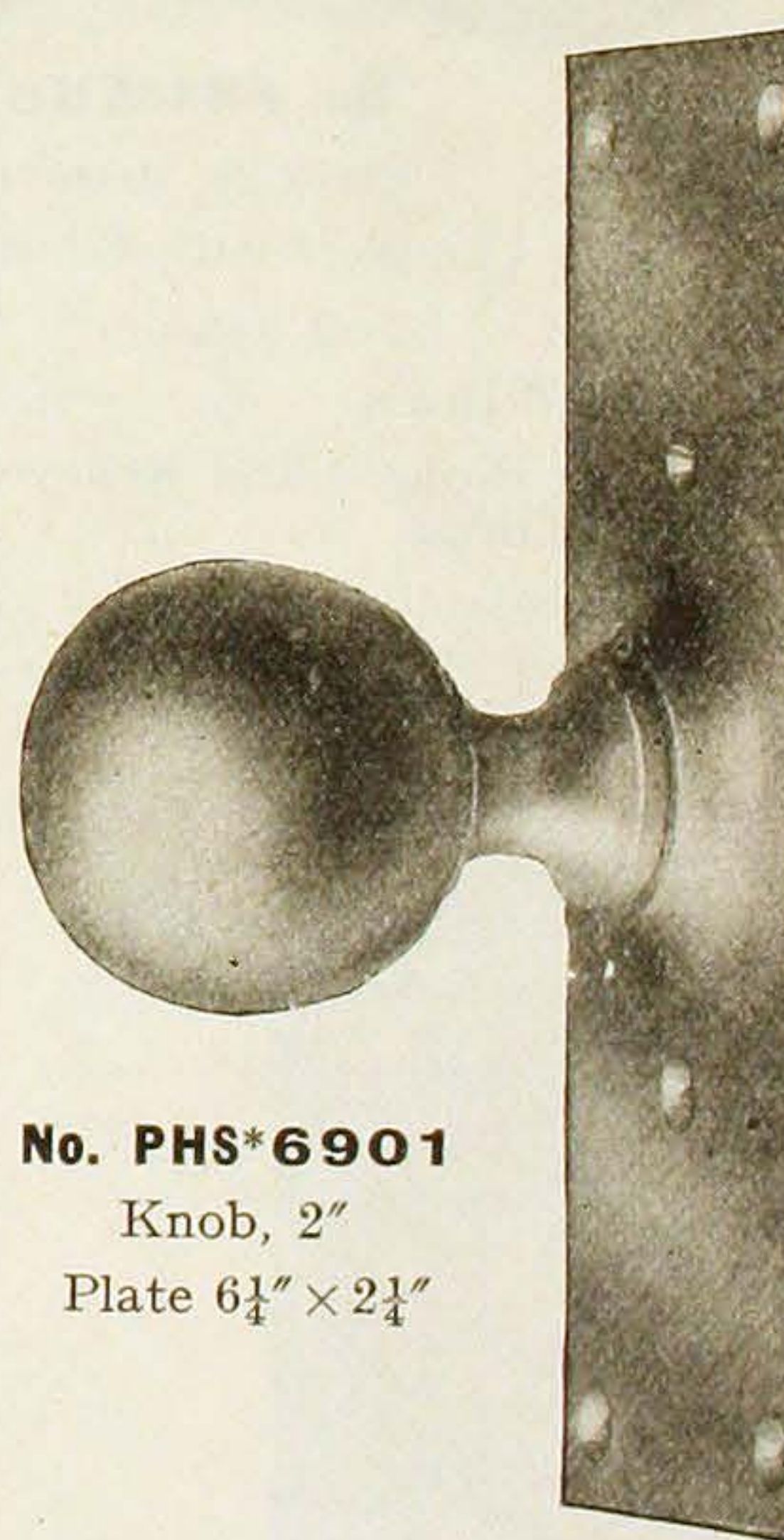
No. PHS*5437

Plate 5 1/2" x 2 1/8"



No. PHS*6900

Knob, 2"
Plate 5" x 2 1/2"



No. PHS*6901

Knob, 2"
Plate 6 1/4" x 2 1/4"

No. PHS*	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on Brass.
5436 and 5437	Knob 1 3/4" 1 7/8" 2" 8/- 8/3 8/8	Knob 1 3/4" 1 7/8" 2" 8/8 9/- 9/3	Knob 1 3/4" 1 7/8" 2" 10/6 11/- 11/6	Knob 1 3/4" 1 7/8" 2" 10/6 11/- 11/3 per set.
5435 Oval Knob	2 1/2" x 1 5/8" ... 9/-	Knob, 2 1/2" x 1 5/8" ... 9/6	Knob, 2 1/2" x 1 5/8" ... 11/9	Knob, 2 1/2" x 1 5/8" ... 12/9 per set.

All PHS—Stocked only in Brass and B.M.A.

Extra for Chromium Plating Stainless—
Any of the above Lock Furniture, 7/6 per set nett.

"B" Ba

PRICED EACH.

Lever Handles

*Stocked only in Brass and B.M.A.

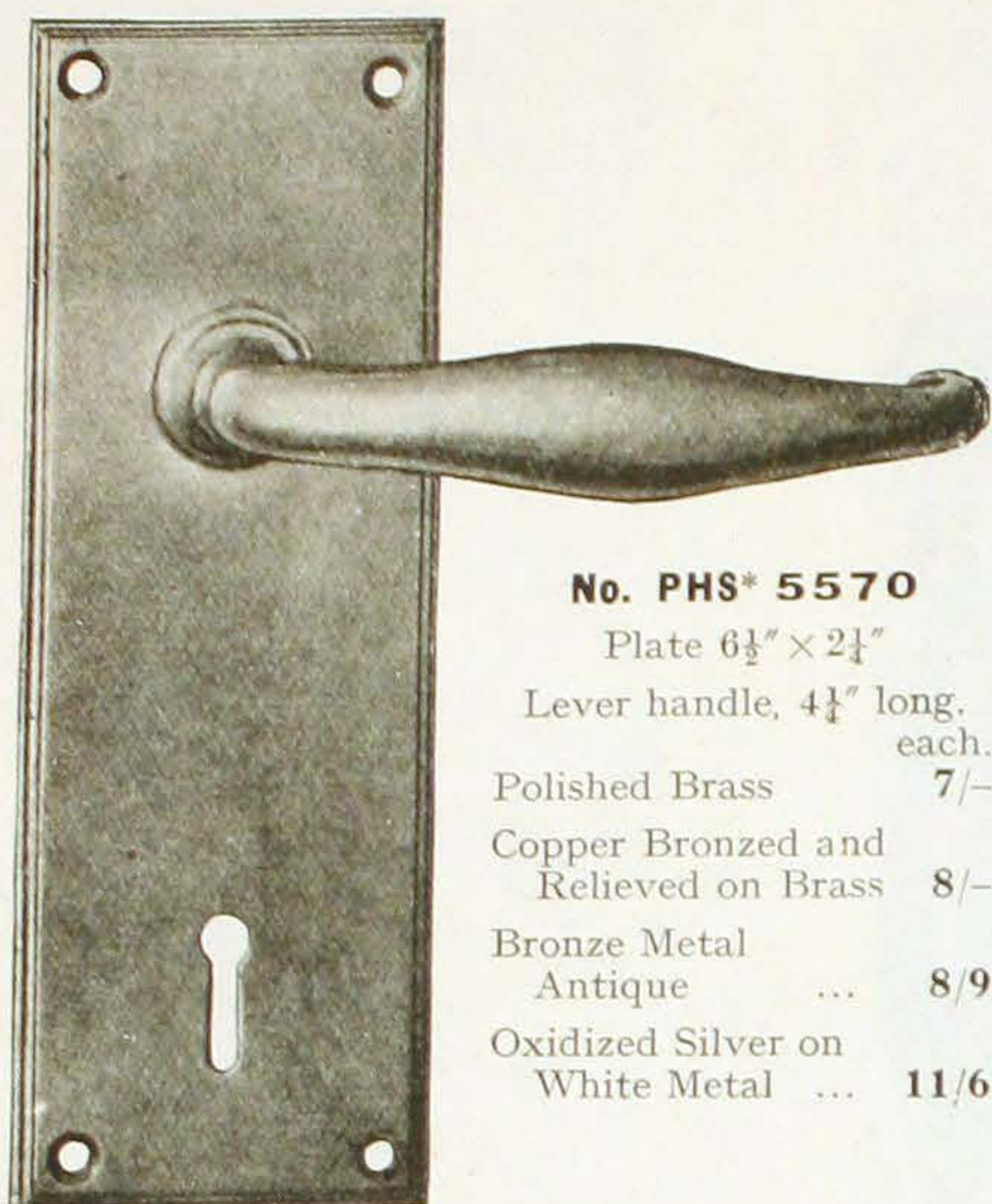
**No. PHS* 5570**

Plate $6\frac{1}{2}'' \times 2\frac{1}{4}''$
 Lever handle, $4\frac{1}{4}''$ long.
 Polished Brass ... 7/-
 Copper Bronzed and Relieved on Brass ... 8/-
 Bronze Metal Antique ... 8/9
 Oxidized Silver on White Metal ... 11/6

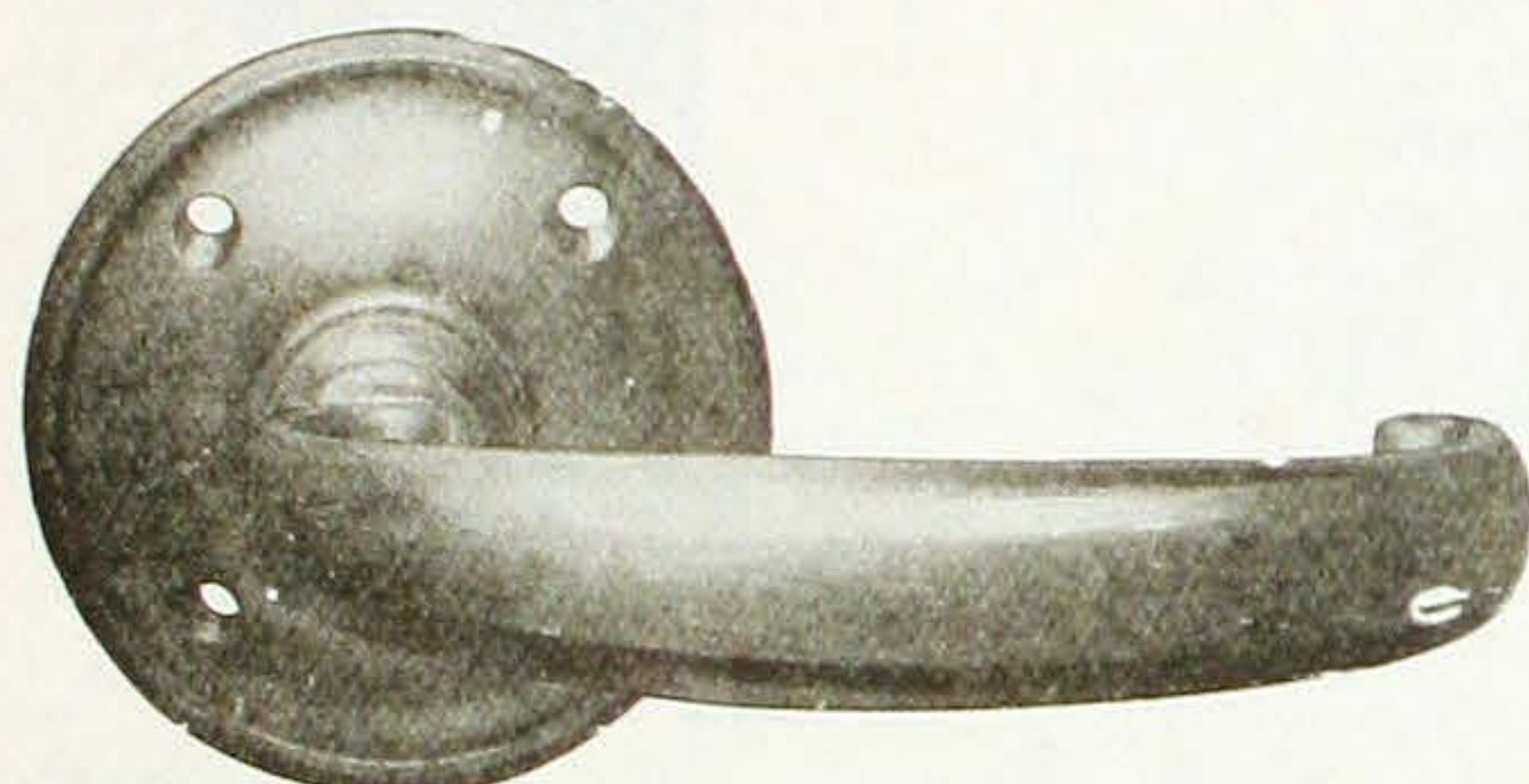
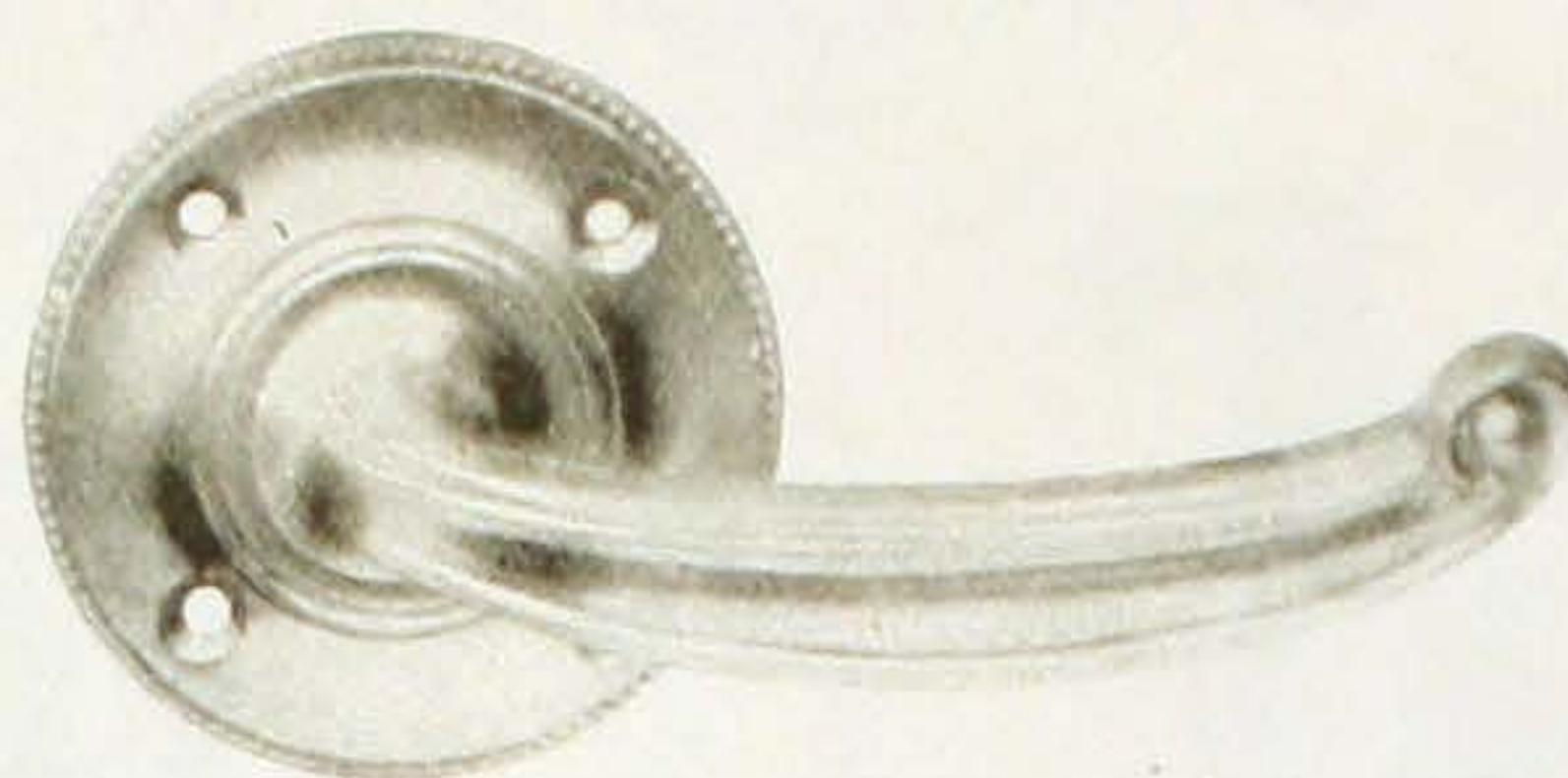
**No. PHS* 5567**

Plate $2\frac{1}{2}''$ diameter.
 Complete with Escutcheons.
 Lever handle, 5" long.

Polished Brass ... 8/- each.
 Copper Bronzed and Relieved on Brass ... 8/6 "
 Bronze Metal Antique ... 10/6 "
 Oxidized Silver on White Metal ... 13/2 "

**No. PHO 6960**

Plate $5\frac{1}{8}'' \times 2\frac{1}{2}''$
 Lever handle, 5" long.
 Polished Brass ... 9/8
 Copper Bronzed and Relieved on Brass ... 10/6
 Bronze Metal Antique ... 11/10
 Oxidized Silver on White Metal ... 16/8

**No. PHQ 6939**

Plate, $2\frac{1}{4}''$ diameter. Lever handle, 4" long.
 Polished Brass ... 6/3 each.
 Copper Bronzed and Relieved on Brass ... 6/6 "
 Bronze Metal Antique ... 7/- "
 Oxidized Silver on White Metal ... 8/9 "

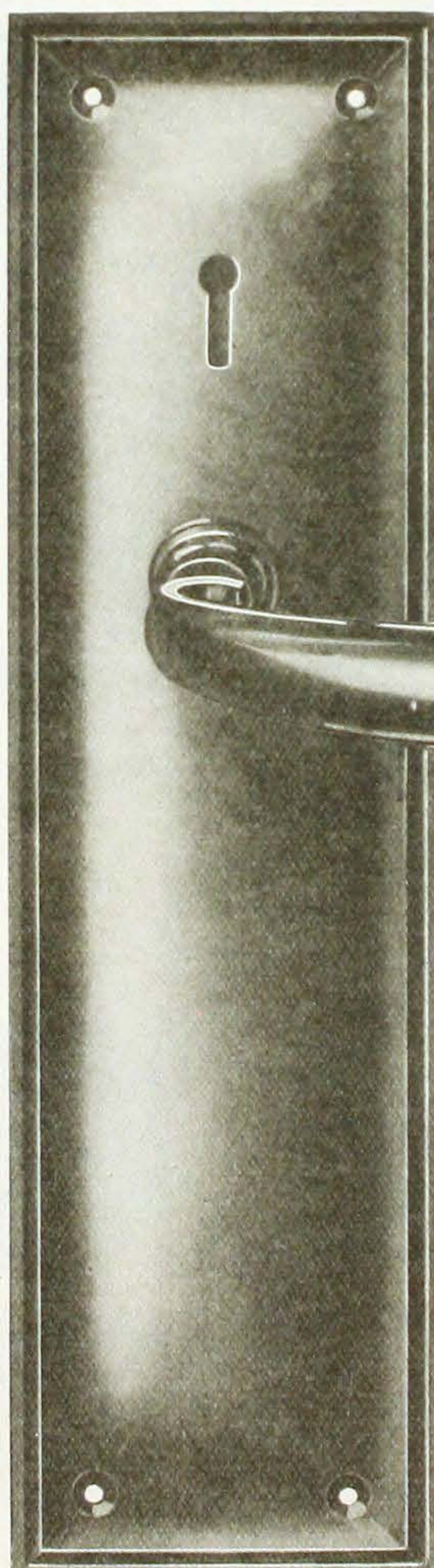
**No. PHO 6942**

Plate $12'' \times 3''$ Lever Handle, $4\frac{1}{2}''$ long.
 Polished Brass ... 15/- each.
 Copper Bronzed and Relieved on Brass ... 16/9 "
 Bronze Metal Antique ... 17/6 "
 Oxidized Silver on White Metal ... 19/3 "

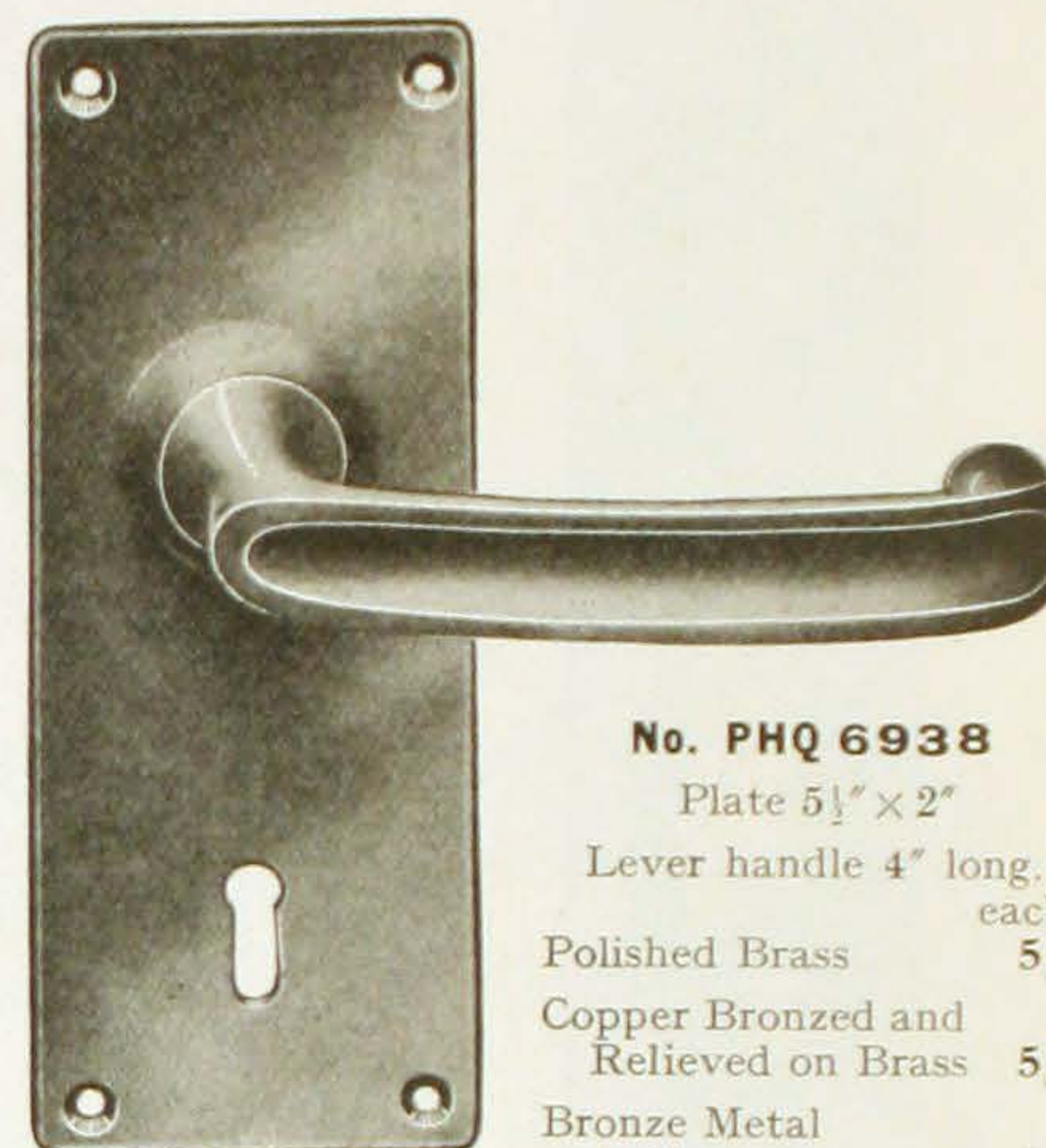
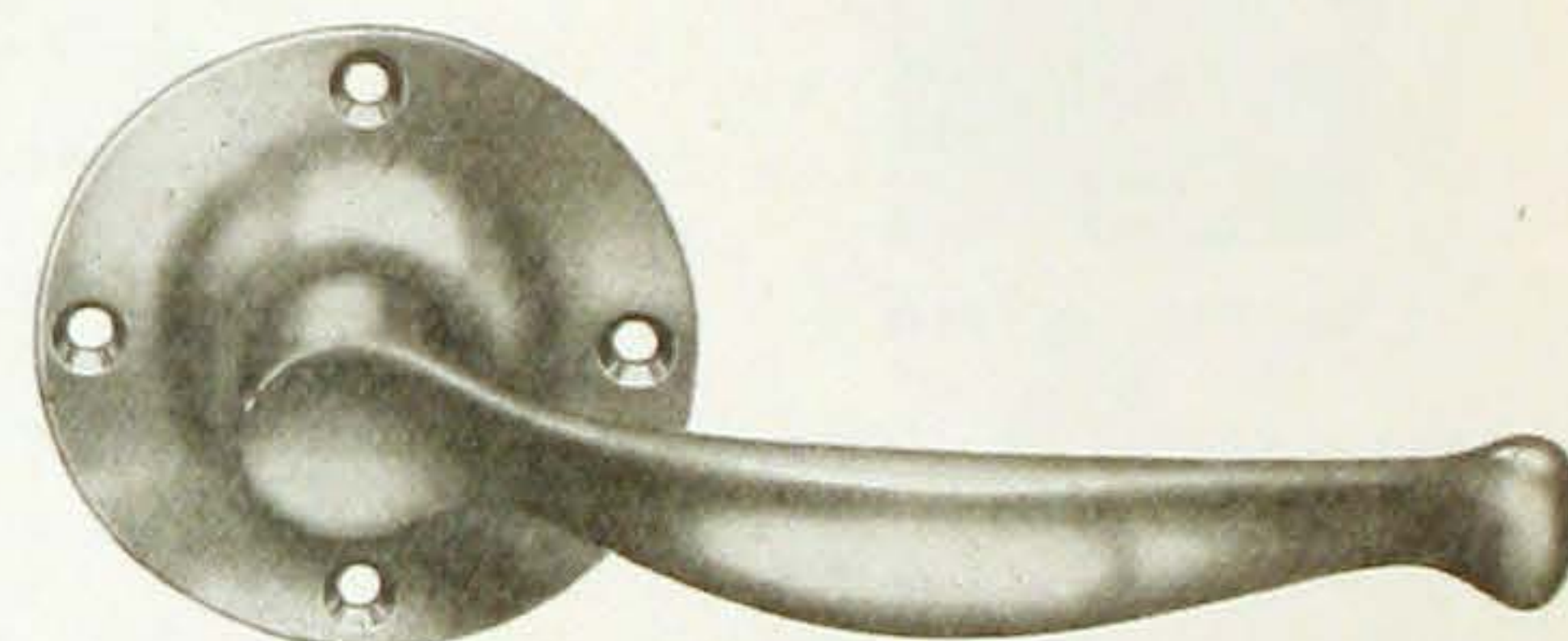
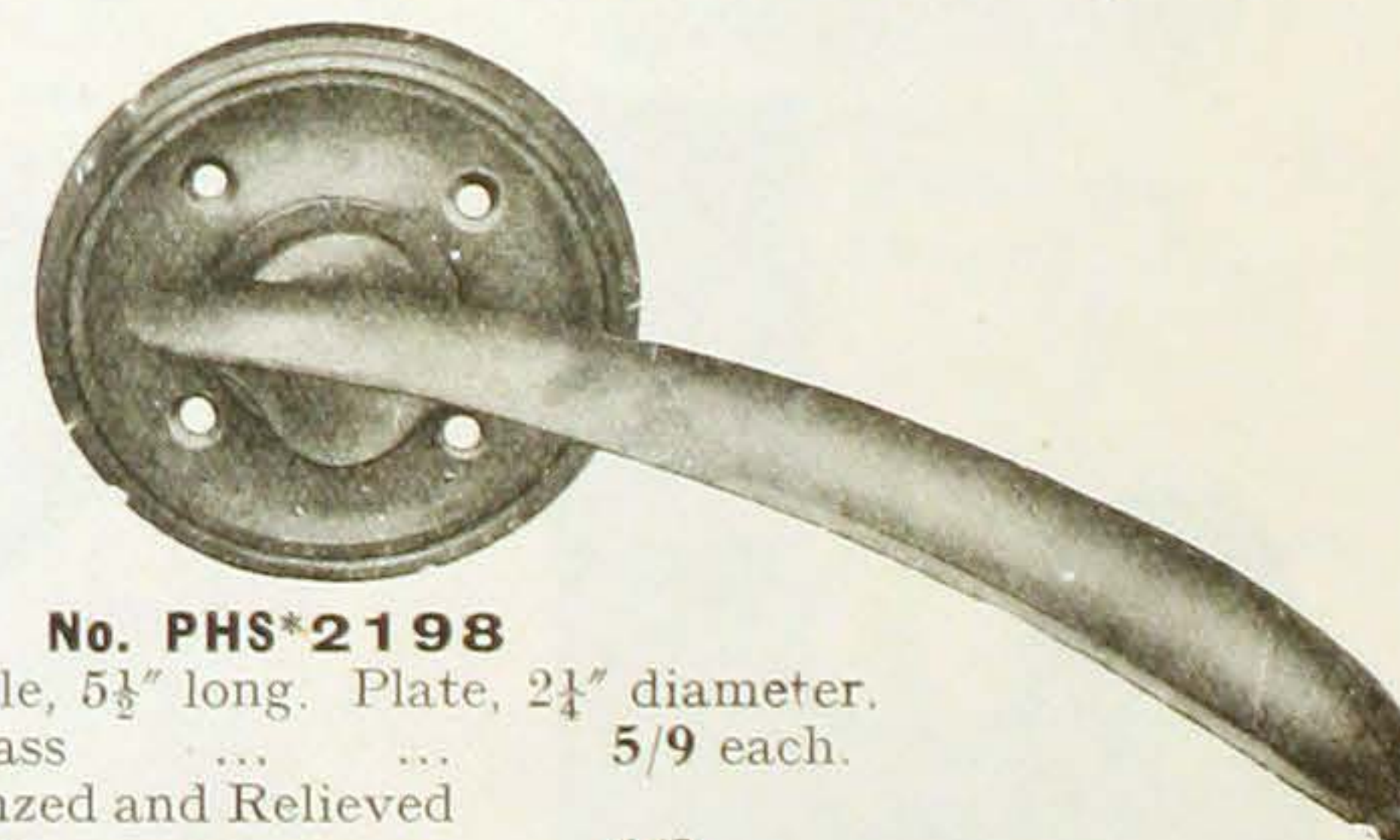
**No. PHQ 6938**

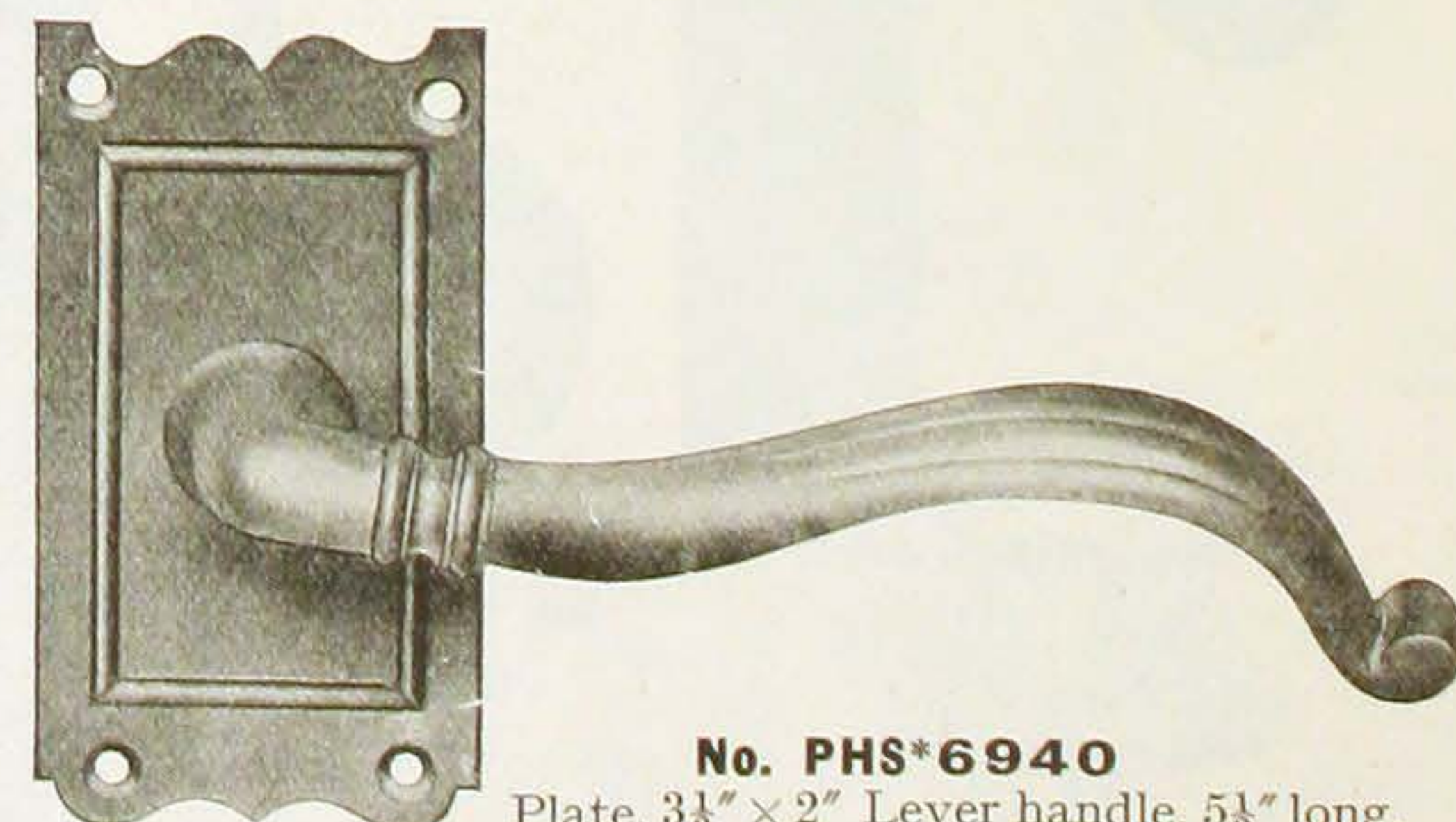
Plate $5\frac{1}{2}'' \times 2''$
 Lever handle 4" long.
 Polished Brass ... 5/3 each.
 Copper Bronzed and Relieved on Brass ... 5/8
 Bronze Metal Antique ... 6/2
 Oxidized Silver on White Metal ... 7/9

**No. PHS* 6937**

Plate, $2\frac{3}{8}''$ diameter. Lever handle $4\frac{1}{2}''$ long.
 Polished Brass ... 3/- each.
 Copper Bronzed and Relieved on Brass ... 3/2 "
 Bronze Metal Antique ... 3/6 "
 Oxidized Silver on White Metal ... 4/- "

**No. PHS* 2198**

Lever Handle, $5\frac{1}{2}''$ long. Plate, $2\frac{1}{4}''$ diameter.
 Polished Brass ... 5/9 each.
 Copper Bronzed and Relieved on Brass ... 6/3 "
 Bronze Metal Antique ... 7/- "
 Oxidized Silver on White Metal ... 8/9 "

**No. PHS* 6940**

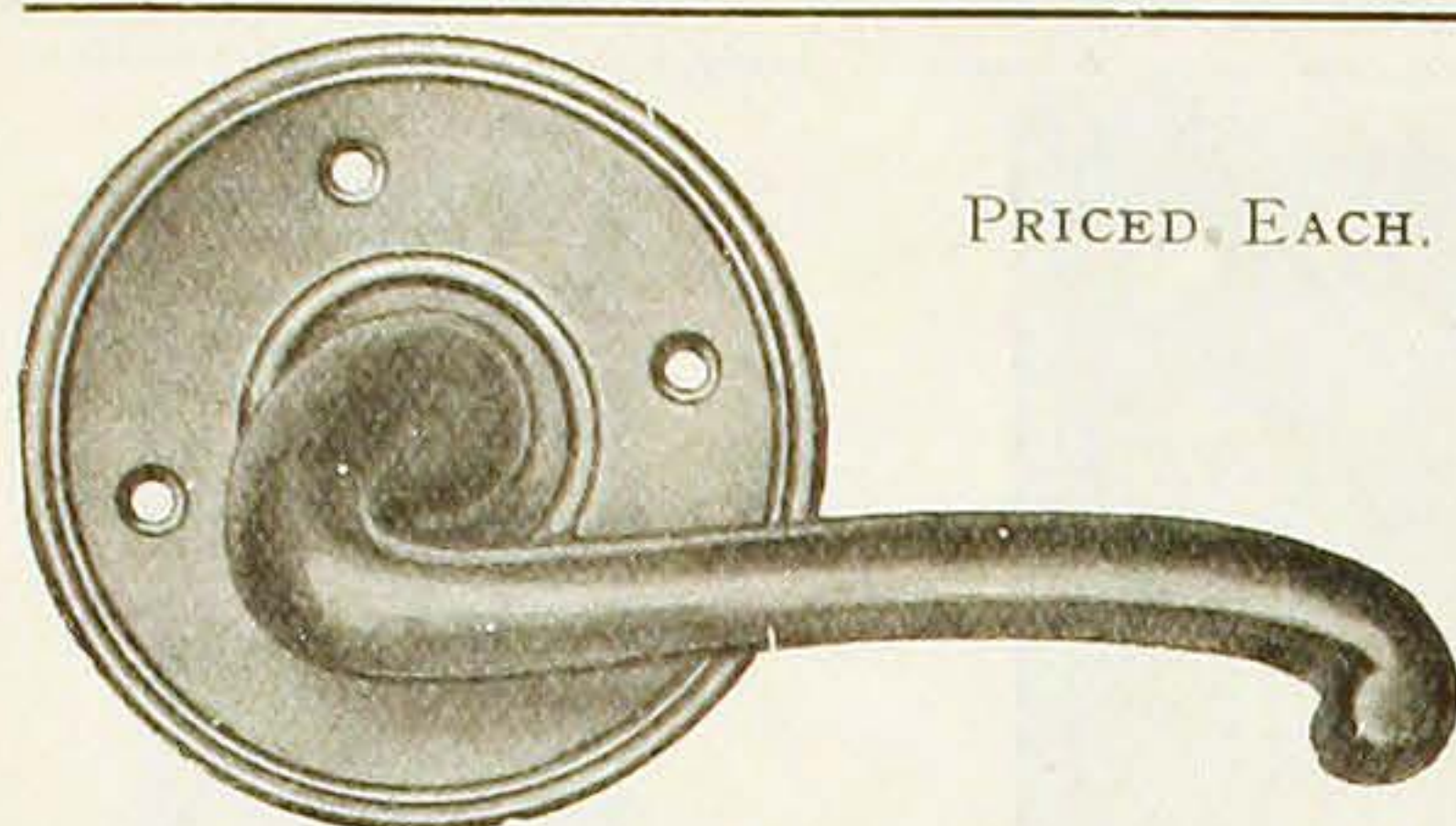
Plate, $3\frac{1}{2}'' \times 2''$ Lever handle, $5\frac{1}{2}''$ long.
 Polished Brass ... 8/- each.
 Copper Bronzed and Relieved on Brass ... 8/9 "
 Bronze Metal Antique ... 9/9 "
 Oxidized Silver on White Metal ... 12/3 "

"B" Basis.

PHS*—Stocked only in Brass and B.M.A.; PHQ—Quick delivery; PHO—To order only.

*Stocked only in Brass, and B.M.A.

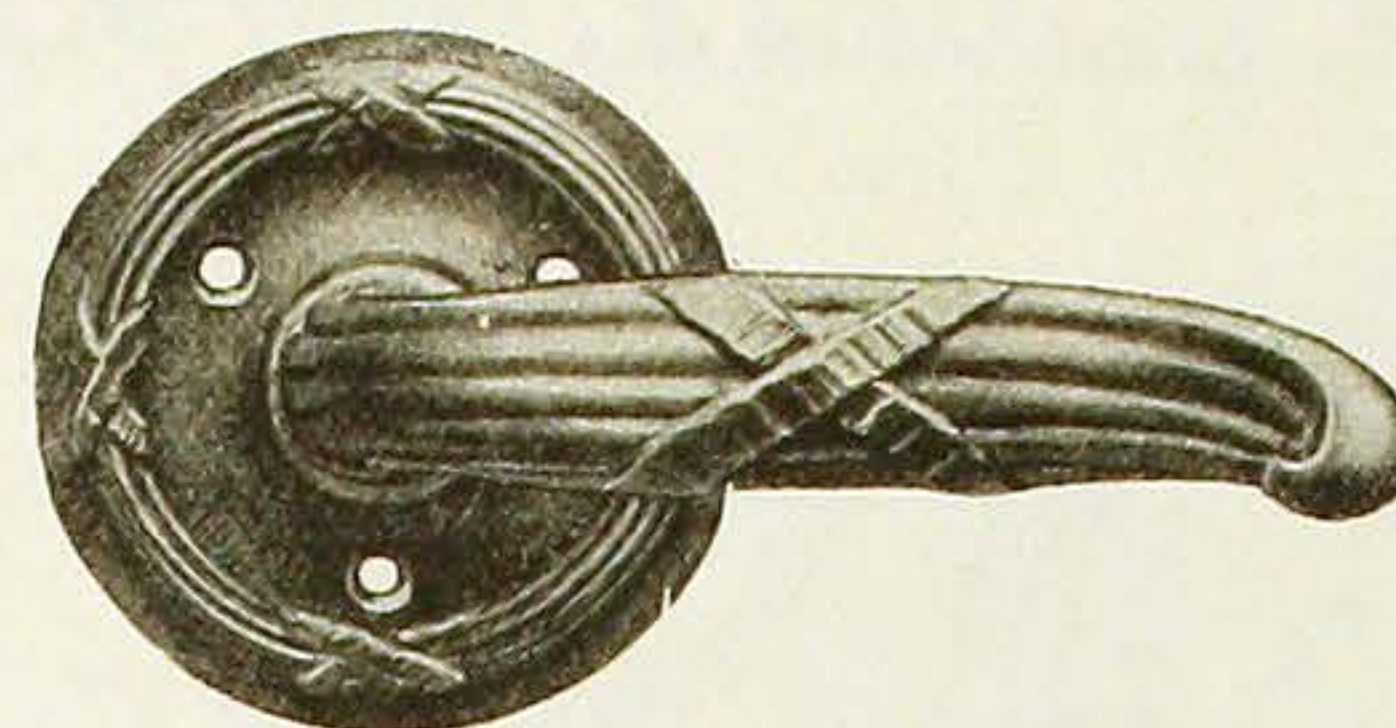
Lever Handles



PRICED EACH.

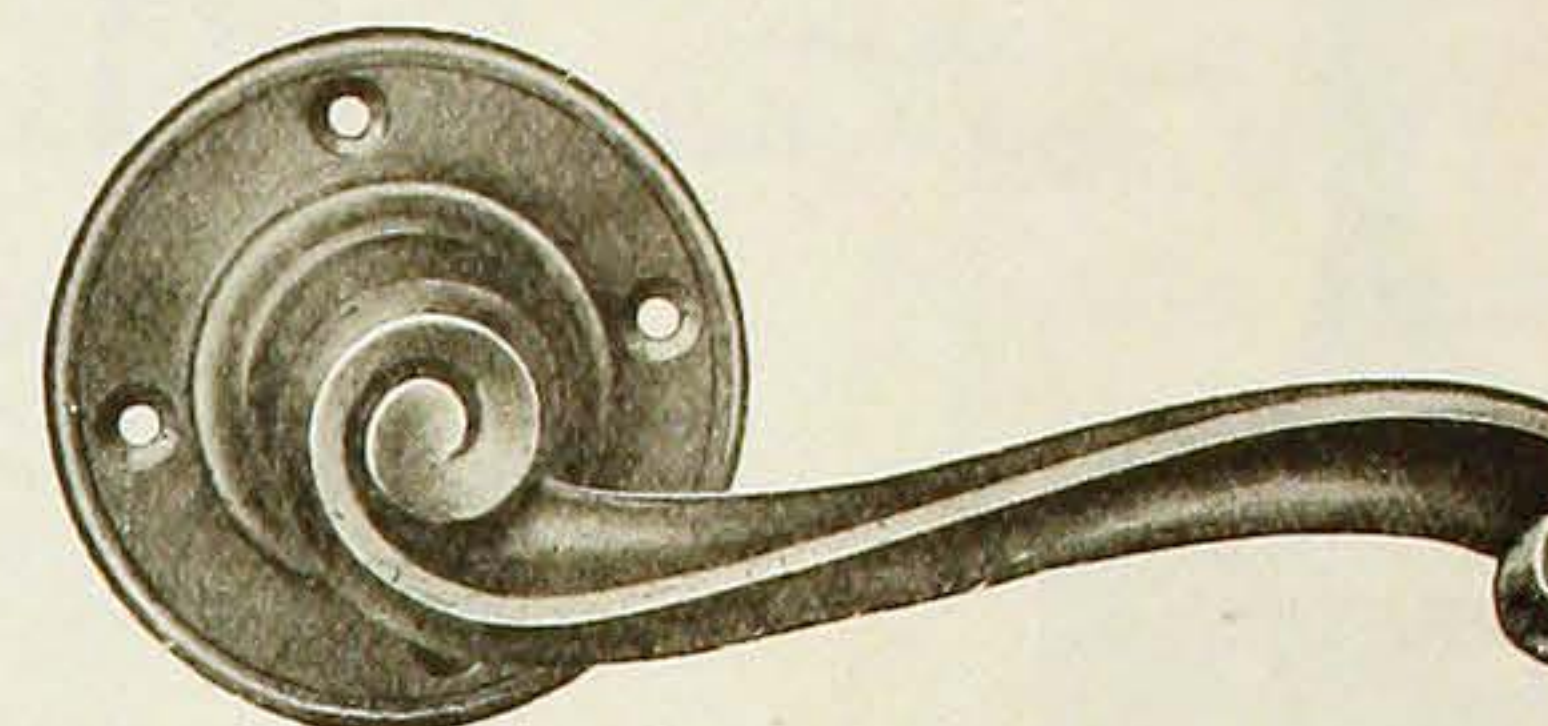
No. PHS*2216

Plate $2\frac{1}{2}$ " diameter. Lever Handle 4" long.
 Polished Brass ... 5/8 each.
 C. B. & R. on Brass ... 6/3 "
 Bronze Metal Antique ... 7/- "
 Oxidized Silver on White Metal ... 8/6 "



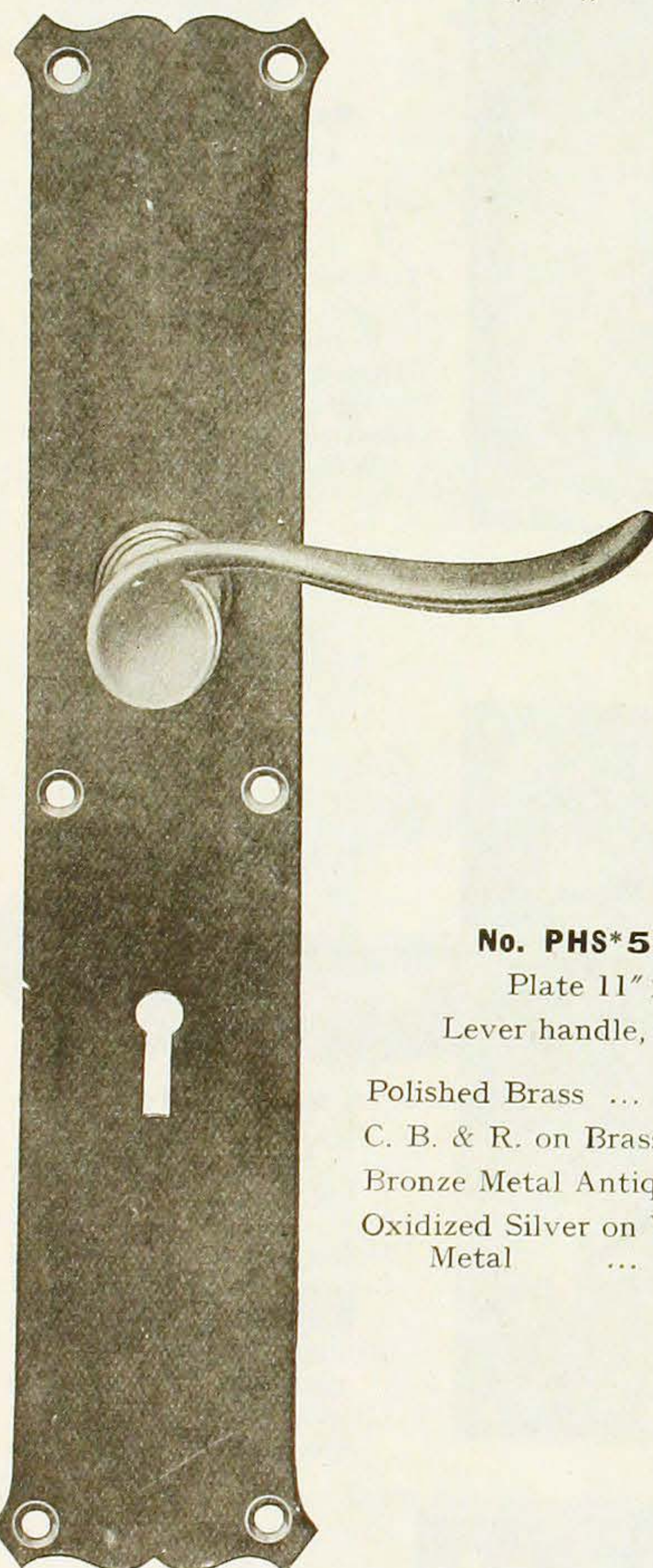
No. PHQ 2197

Plate 2" diameter. Lever Handle, $3\frac{1}{2}$ " long.
 Polished Brass ... 8/9 each.
 C. B. & R. on Brass ... 9/4 "
 Bronze Metal Antique ... 10/6 "
 Oxidized Silver on White metal ... 12/3 "



No. PHQ 2188

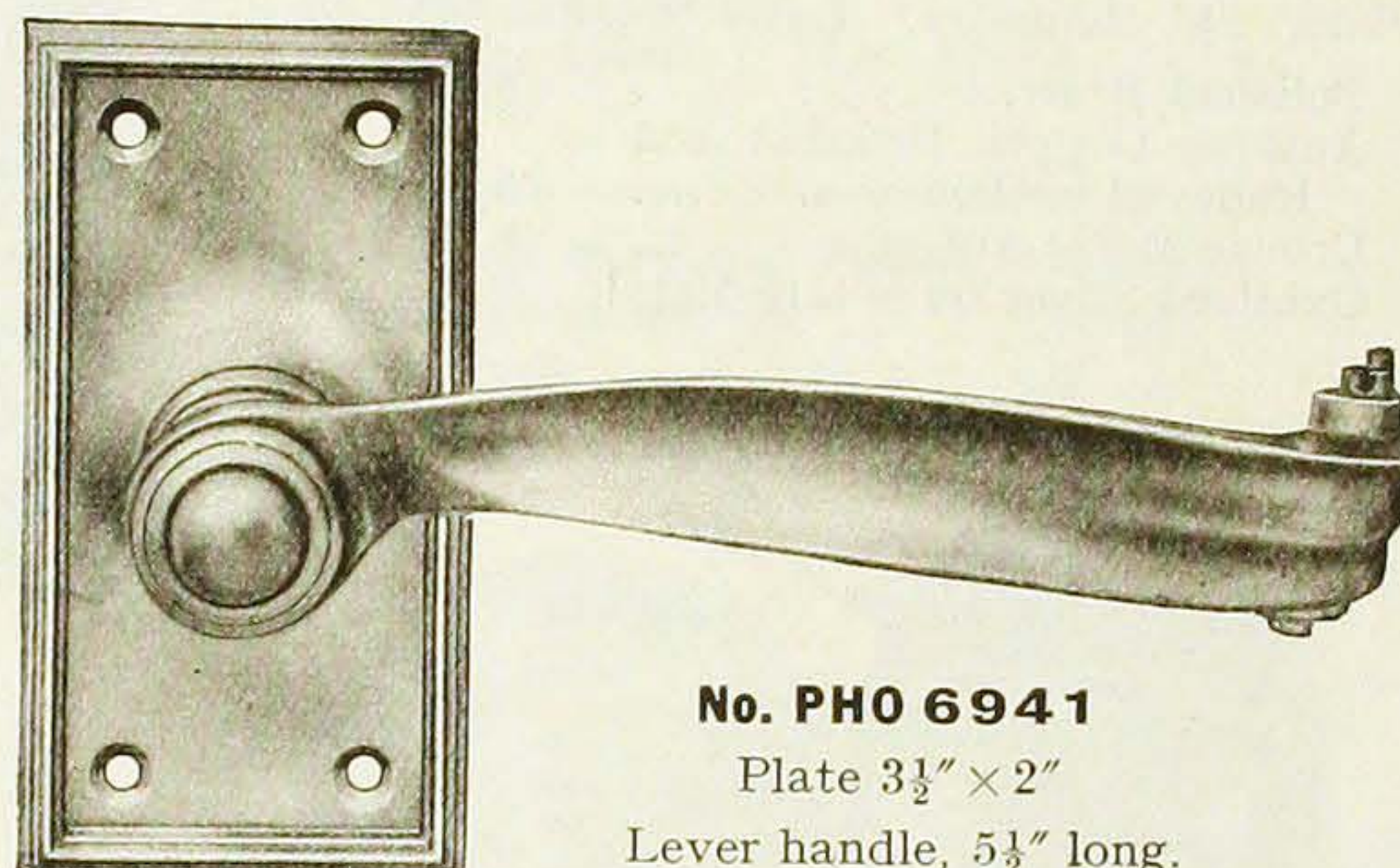
Plate 2" diameter. Lever Handle 4" long.
 Polished Brass ... 9/9 each.
 C. B. & R. on Brass... 10/- "
 Bronze Metal Antique ... 11/6 "
 Oxidized Silver on White Metal ... 13/3 "



No. PHS*5571

Plate $11" \times 2"$
 Lever handle, 4" long.

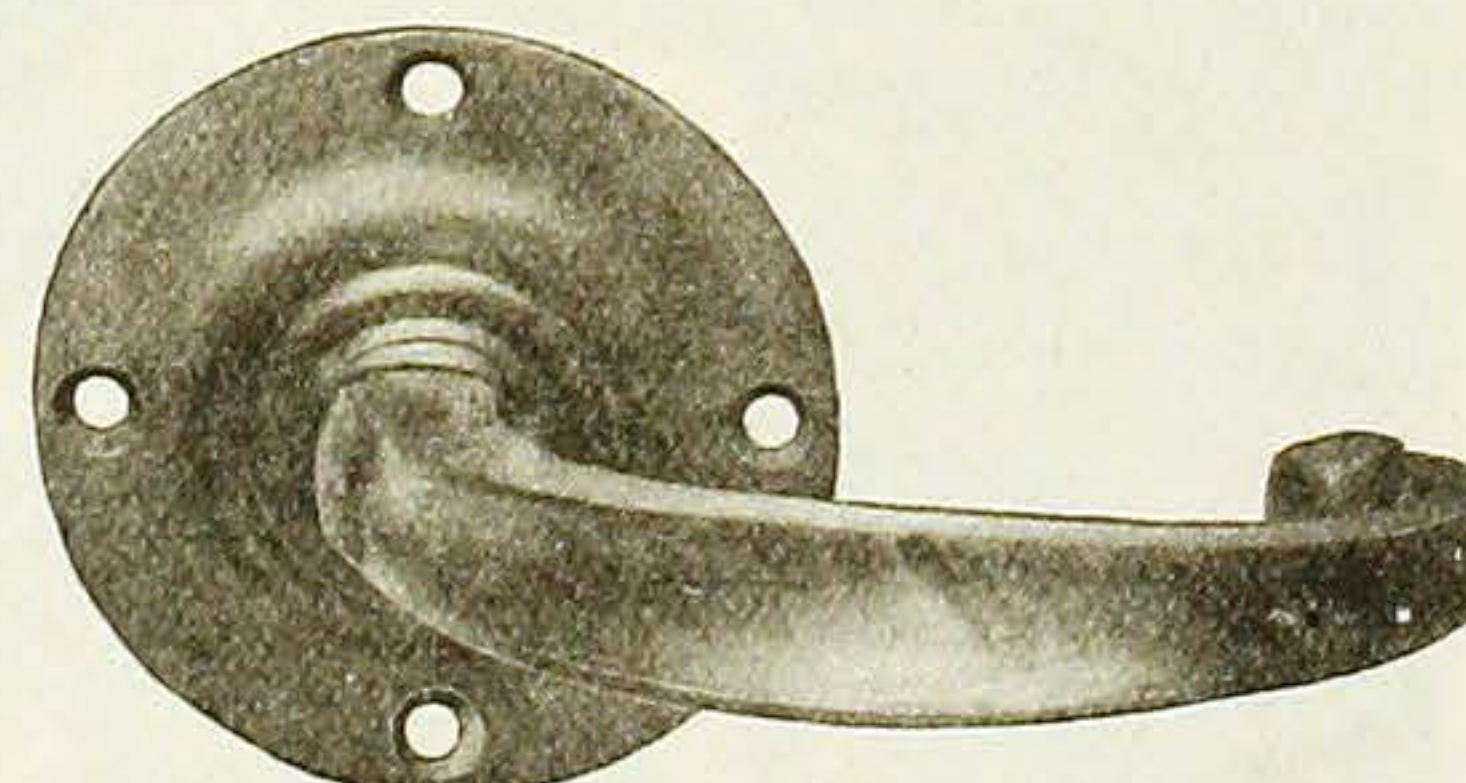
each.
 Polished Brass ... 8/9
 C. B. & R. on Brass ... 9/9
 Bronze Metal Antique ... 11/-
 Oxidized Silver on White Metal ... 14/-



No. PHO 6941

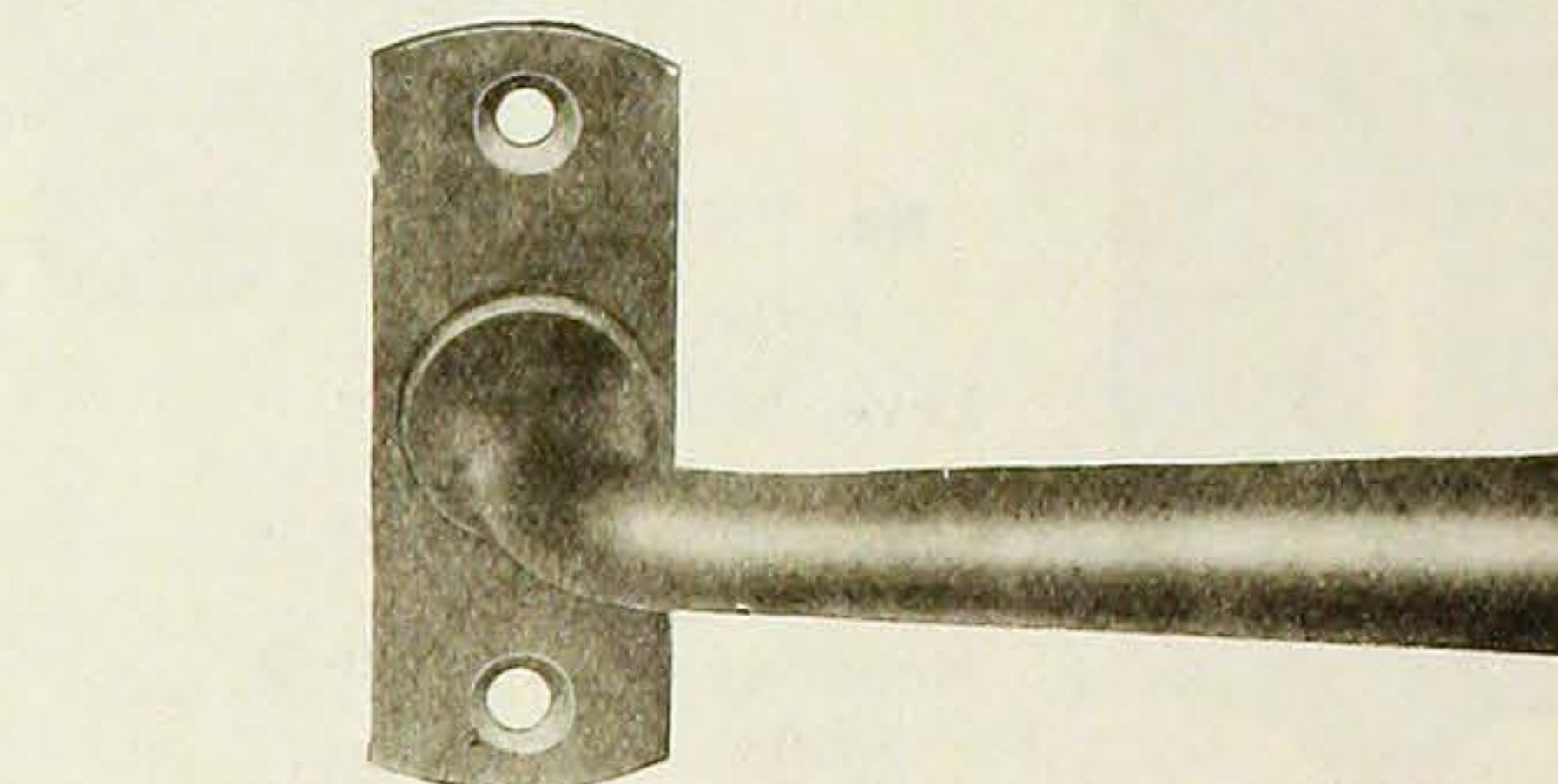
Plate $3\frac{1}{2}" \times 2"$
 Lever handle, $5\frac{1}{2}"$ long.

each.
 Polished Brass ... 11/6
 C. B. & R. on Brass ... 12/3
 Bronze Metal Antique ... 13/6
 Oxidized Silver on White Metal ... 16/9



No. PHS*5576

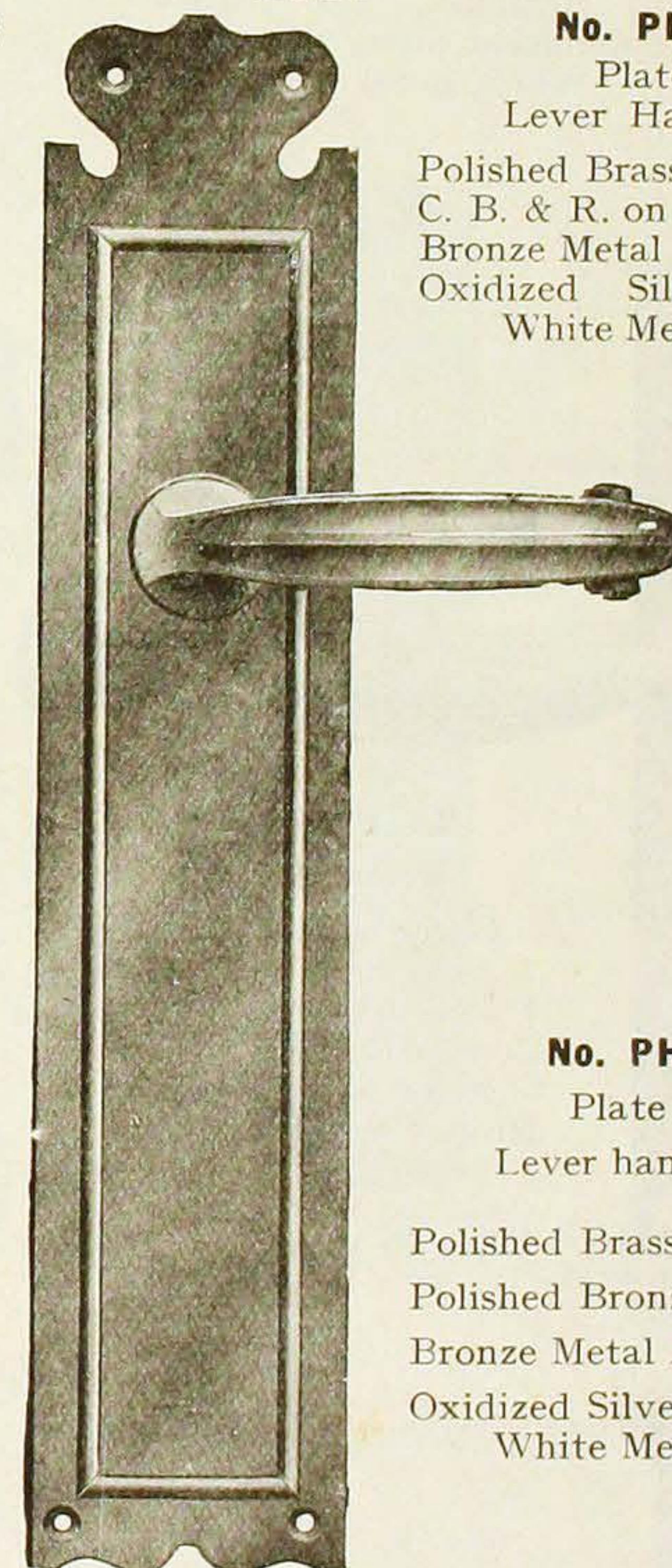
Plate $2\frac{1}{2}"$ diameter. Lever Handle $3\frac{1}{2}"$ long.
 Polished Brass ... 4/3 each.
 C. B. & R. on Brass... 4/6 "
 Bronze Metal Antique ... 5/3 "
 Oxidized Silver on White Metal ... 6/3 "



No. PHQ 2186

Plate $2\frac{1}{2}" \times 1"$
 Lever Handle, 4" long.

Polished Brass ... 3/6 e
 C. B. & R. on Brass... 4/-
 Bronze Metal Antique 4/6
 Oxidized Silver on White Metal ... 5/3



No. PHO 5569

Plate $12\frac{3}{4}" \times 2\frac{1}{2}"$
 Lever handle, $4\frac{1}{2}"$ long.

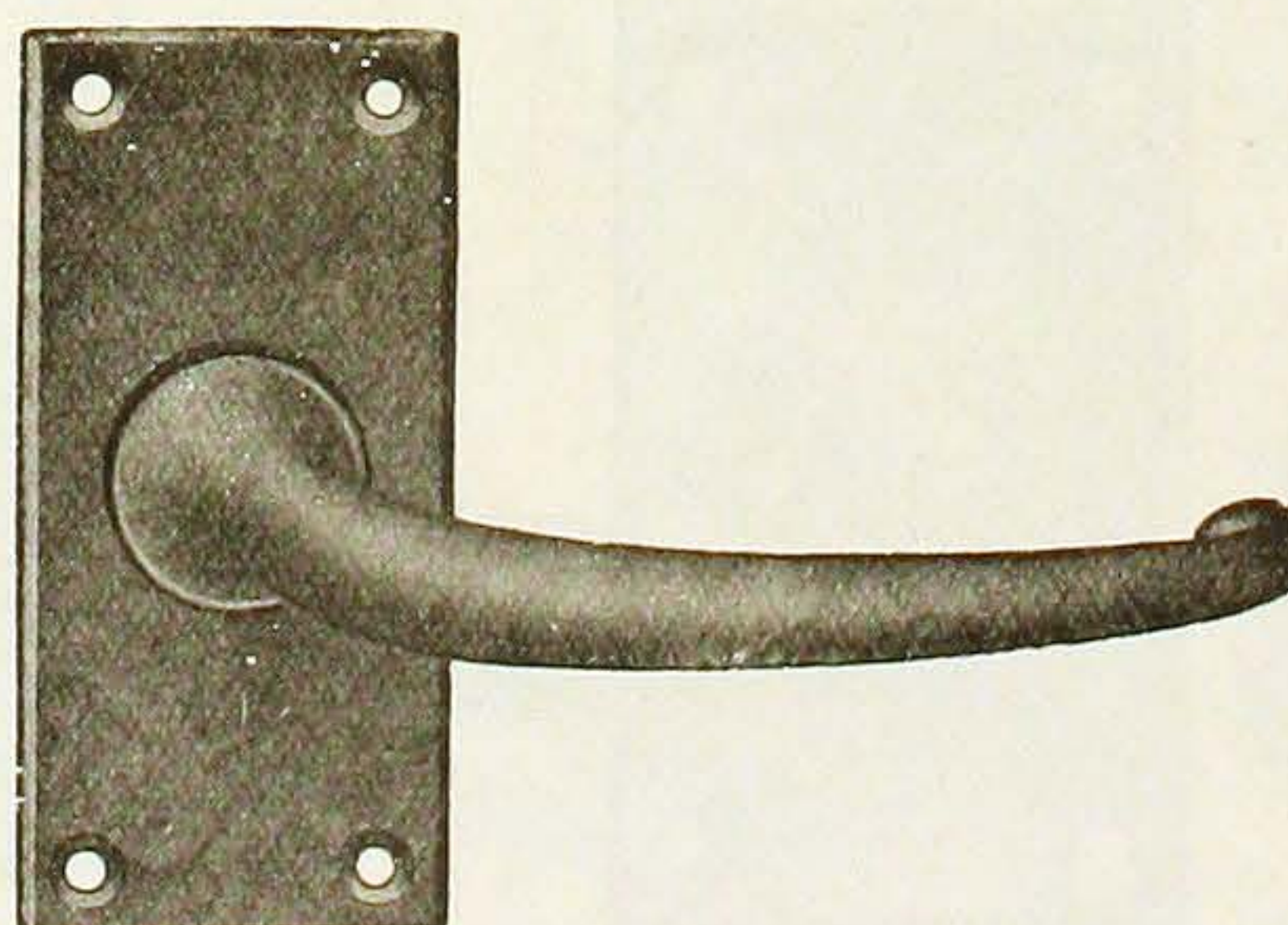
each.
 Polished Brass ... 14
 Polished Bronze Metal ... 17
 Bronze Metal Antique ... 18
 Oxidized Silver on White Metal ... 21



No. PHO 6943

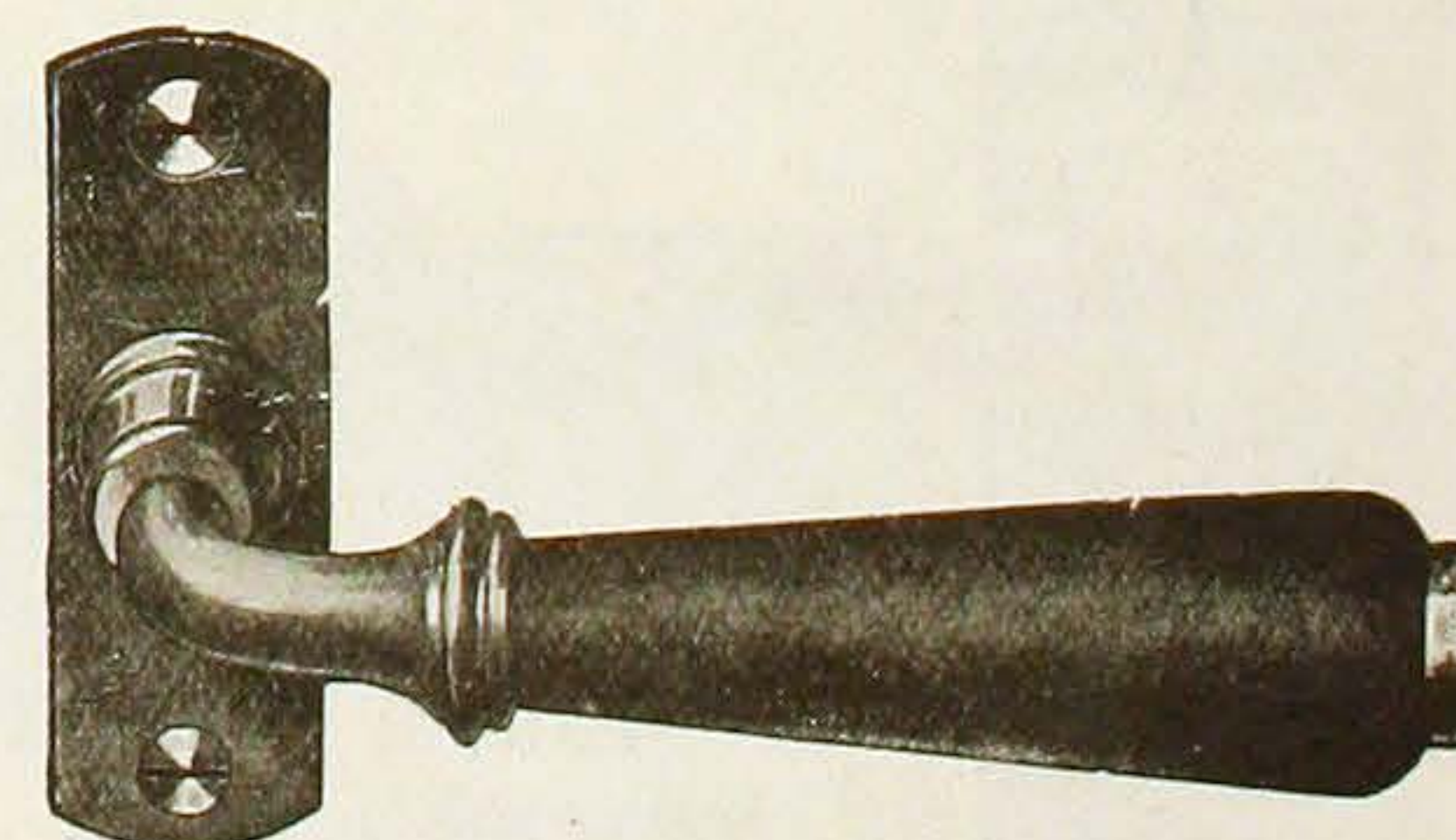
Plate $5\frac{1}{2}" \times 2"$
 Lever handle, 4" long.

each.
 Polished Brass ... 13/3
 C. B. & R. on Brass ... 14/-
 Bronze Metal Antique ... 15/6
 Oxidized Silver on White Metal ... 20/3



No. PHS*2199

Plate $3\frac{1}{4}" \times 1\frac{1}{8}"$ Lever Handle, $4\frac{1}{2}"$ long.
 Polished Brass ... 4/6 each.
 C. B. & R. on Brass... 5/- "
 Bronze Metal Antique ... 5/9 "
 Oxidized Silver on White Metal ... 7/- "



No. PHO 2171

Plate $2\frac{3}{4}" \times 1"$. Lever Handle, 5" long.
 For Pitt's Spindles.

Polished Brass with Ebony Grip 4/6 each.
 " " Brass Grip 4/6 "
 B.M.A. with Brass Grip ... 5/6 "
 " " Ebony Grip ... 5/6 "

PHS*—Stocked only in Brass and B.M.A. ; PHQ—Quick Delivery ; PHO—To Order only.

Extra for Chromium Plating Stainless for any of the above 4/3 each nett, except Long Plate Handles, 7/6 each nett.

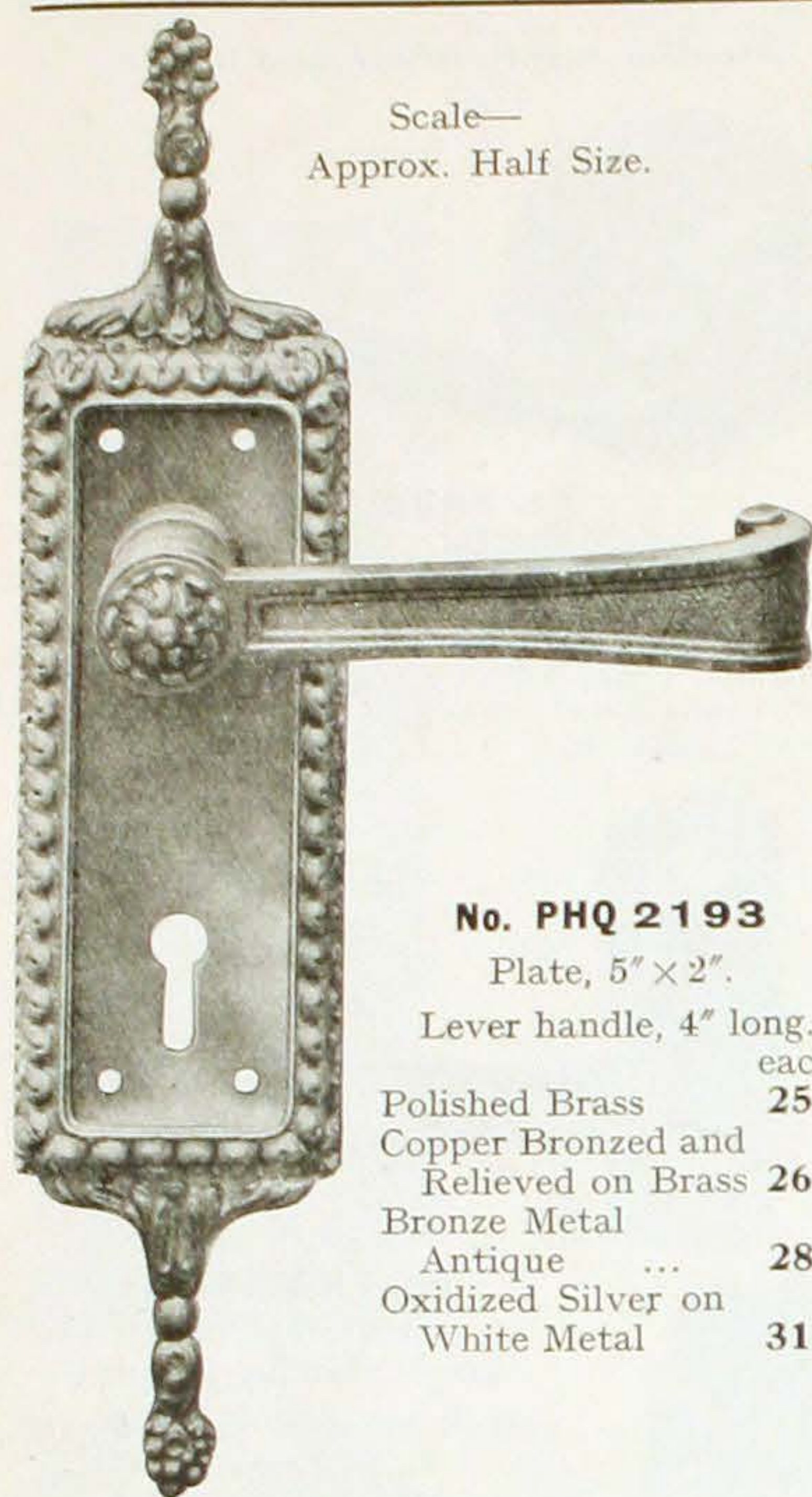
"B" Bas

Scale—
Approx. Half Size.

Lever Handles

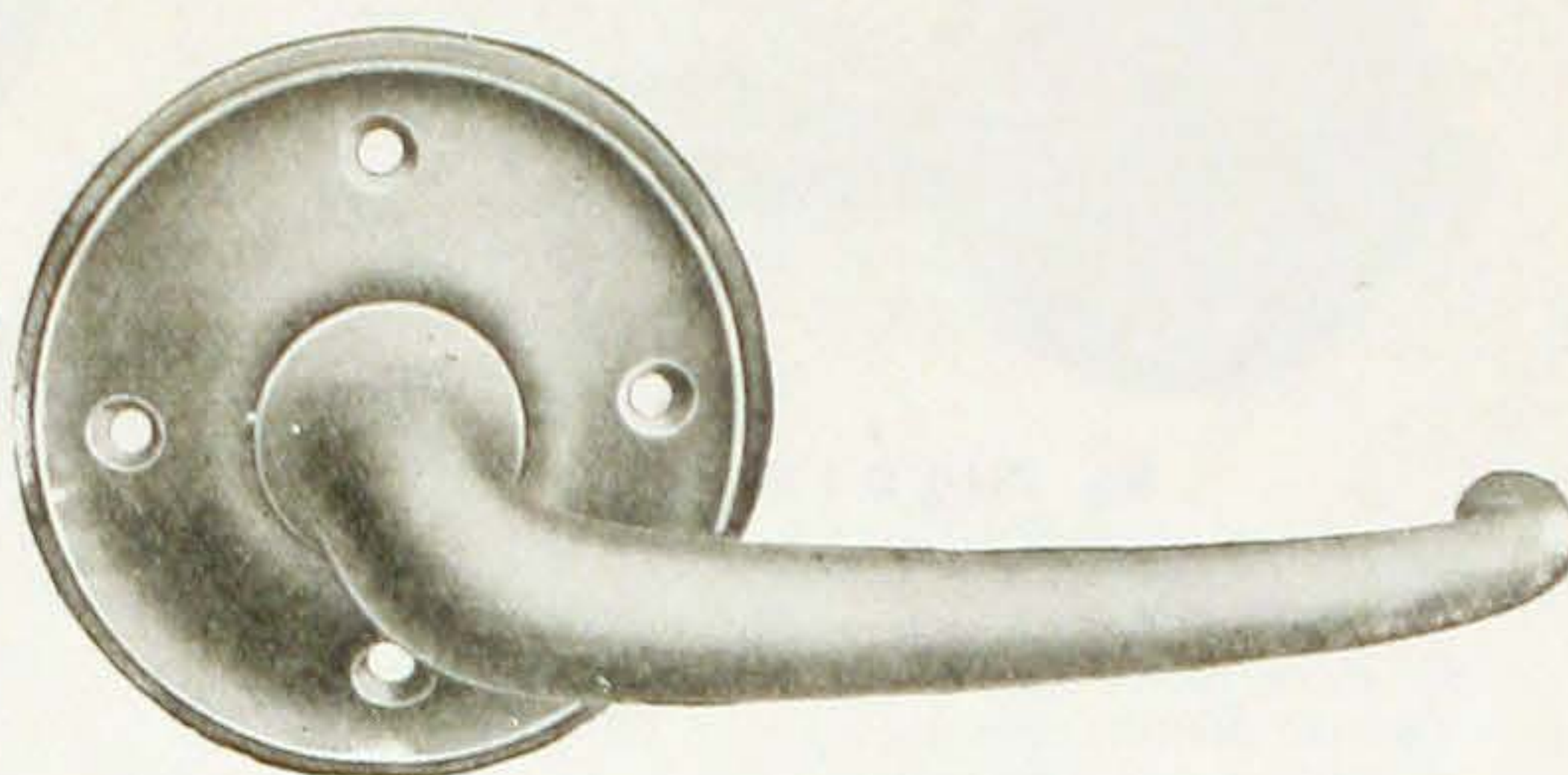
*Stocked only in Brass and B.M.A.

PRICED EACH.



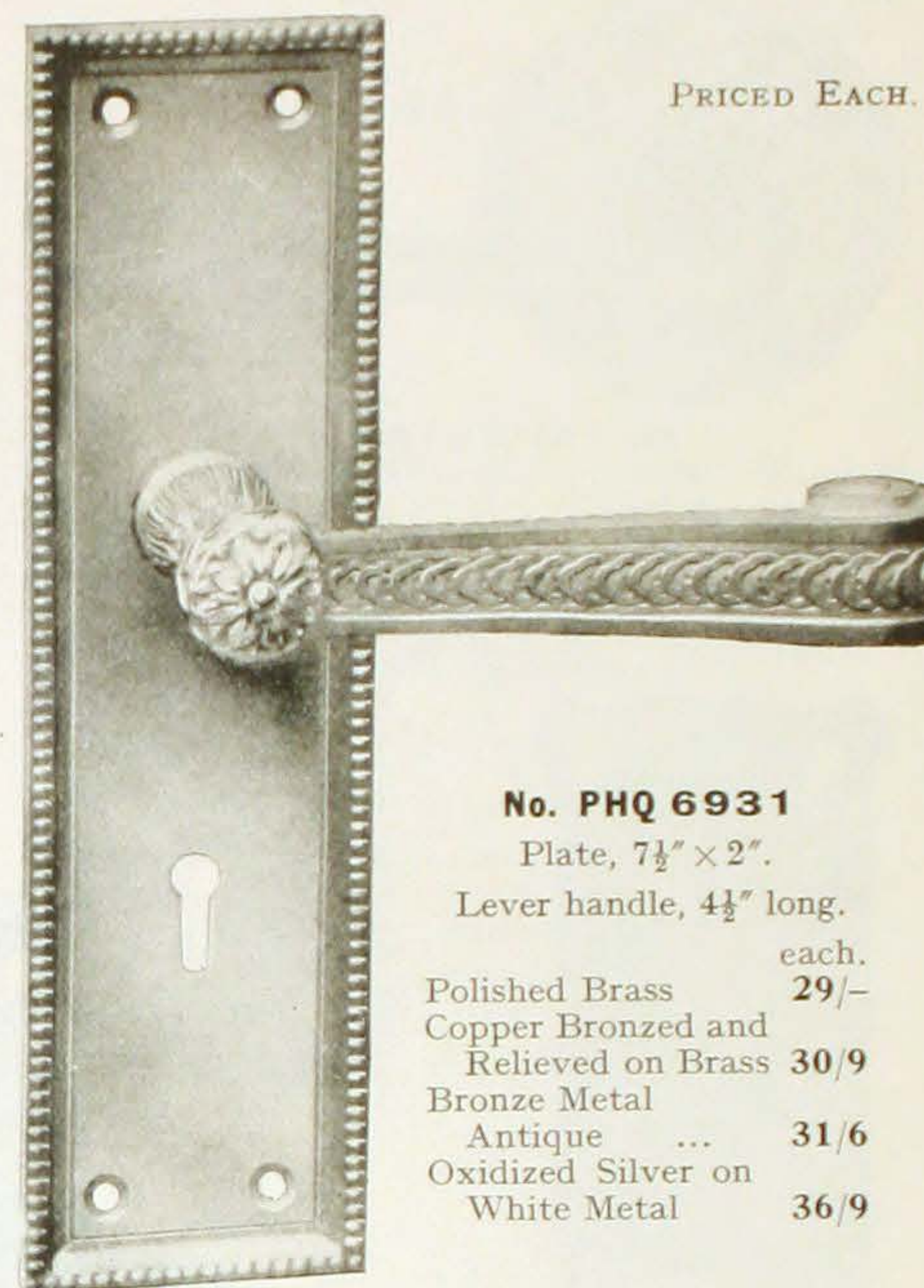
No. PHQ 2193

Plate, 5" x 2".
Lever handle, 4" long.
each.
Polished Brass 25/6
Copper Bronzed and
Relieved on Brass 26/3
Bronze Metal
Antique ... 28/-
Oxidized Silver on
White Metal 31/6



No. PHS*6930

Plate, 2½" diameter. Lever handle, 4½" long.
Polished Brass... 5/- each.
Antique Copper Bronzed and
Relieved on Brass ... 5/3 "
Bronze Metal Antique ... 6/2 "
Oxidized Silver on White Metal 9/2 "



No. PHQ 6931

Plate, 7½" x 2".
Lever handle, 4½" long.
each.
Polished Brass 29/-
Copper Bronzed and
Relieved on Brass 30/9
Bronze Metal
Antique ... 31/6
Oxidized Silver on
White Metal 36/9



No. PHS*6935

Plate, 6" x 1½".
Lever handle, 4" long.
each.
Polished Brass 3/4
Copper Bronzed and
Relieved on Brass 3/6
Bronze Metal
Antique ... 4/2
Oxidized Silver on
White Metal 4/8



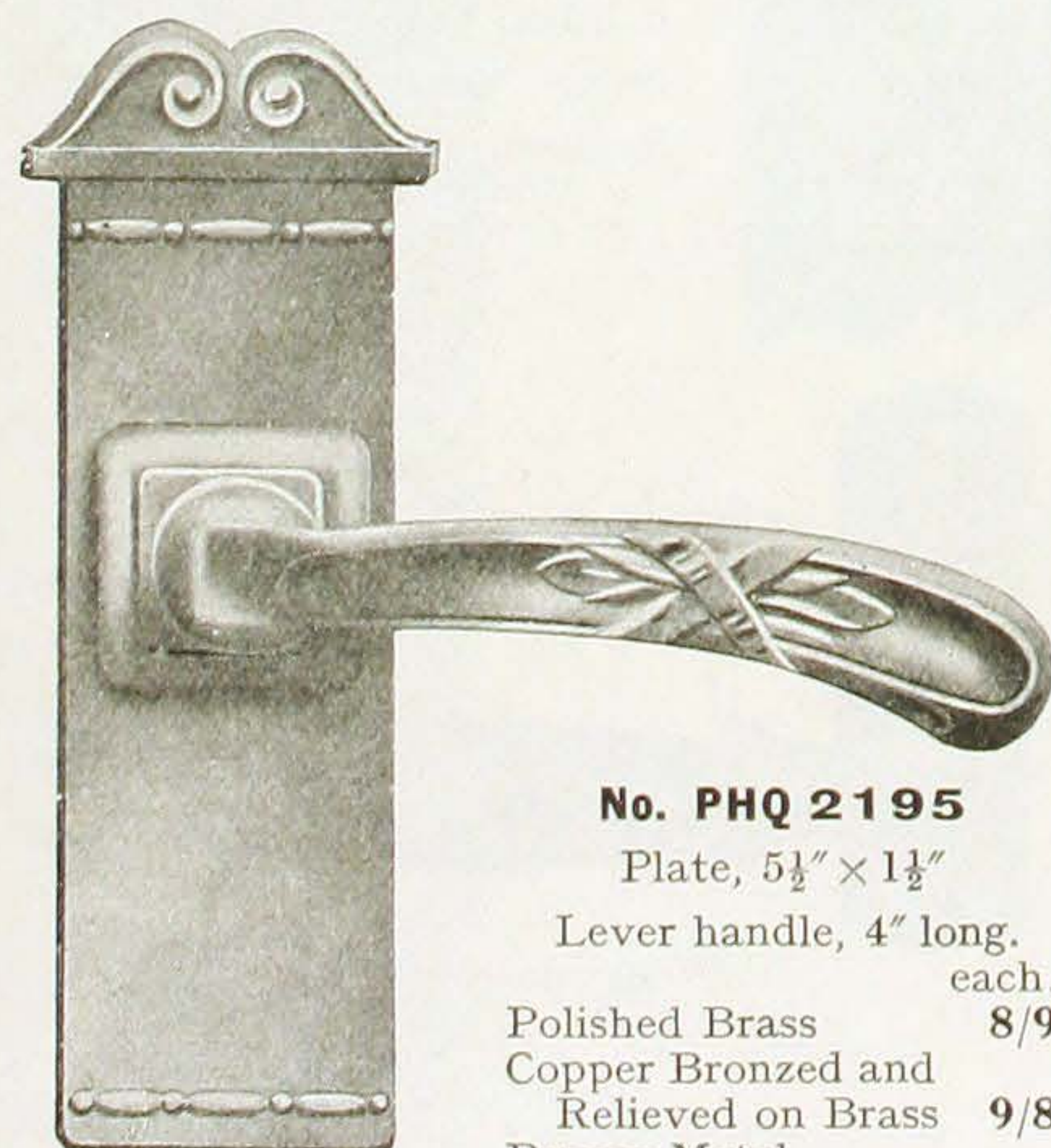
No. PHQ 6933

Plate, 7" x 2".
Lever handle, 4" long.
each.
Polished Brass 12/3
Copper Bronzed and
Relieved on Brass 13/3
Bronze Metal
Antique ... 14/-
Oxidized Silver on
White Metal 17/6



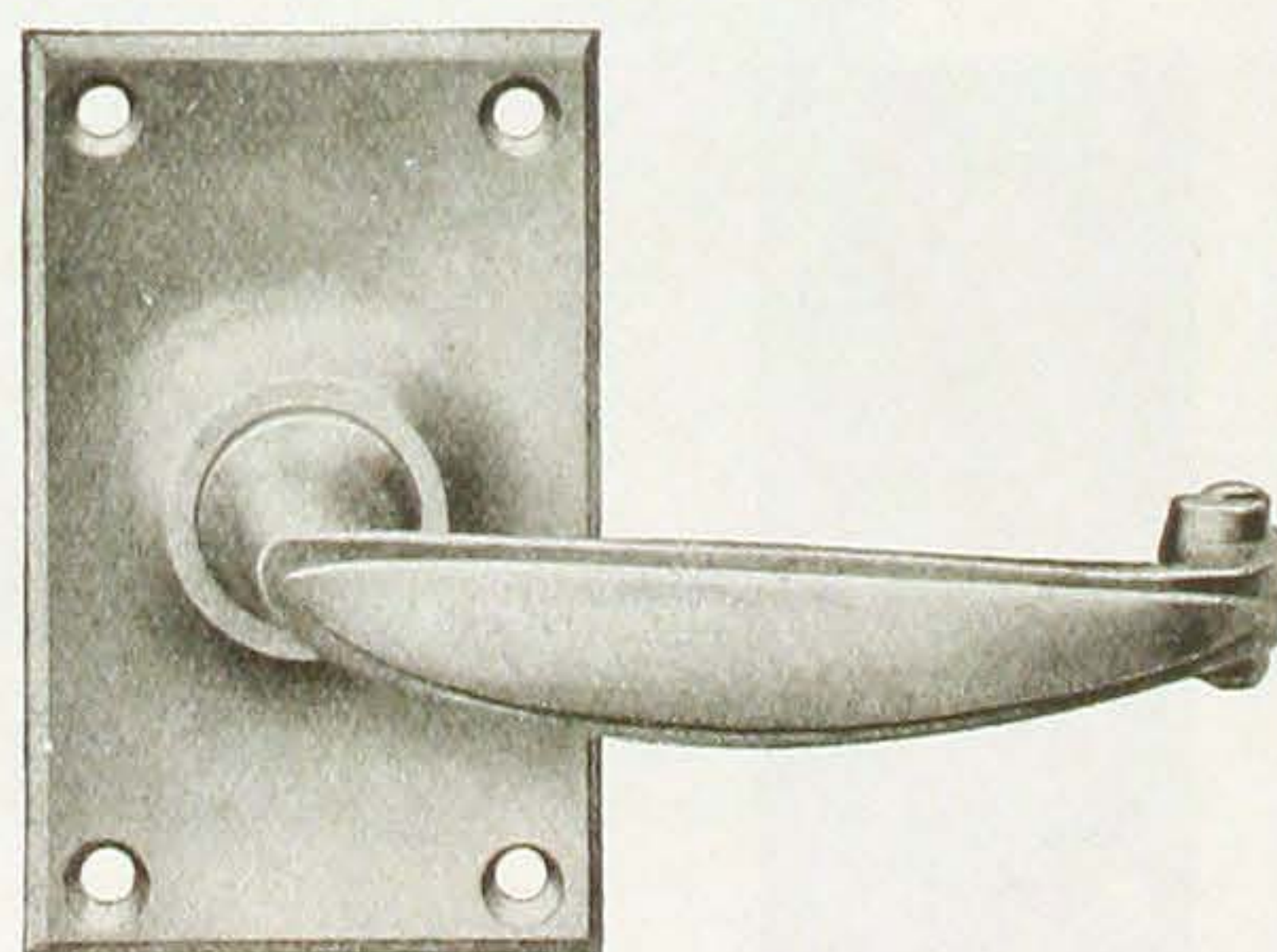
No. PHQ 6936

Plate, 5½" x 1½".
Lever handle, 4" long.
each.
Polished Brass 4/2
Copper Bronzed and
Relieved on Brass 4/5
Bronze Metal
Antique ... 4/10
Oxidized Silver on
White Metal 5/6



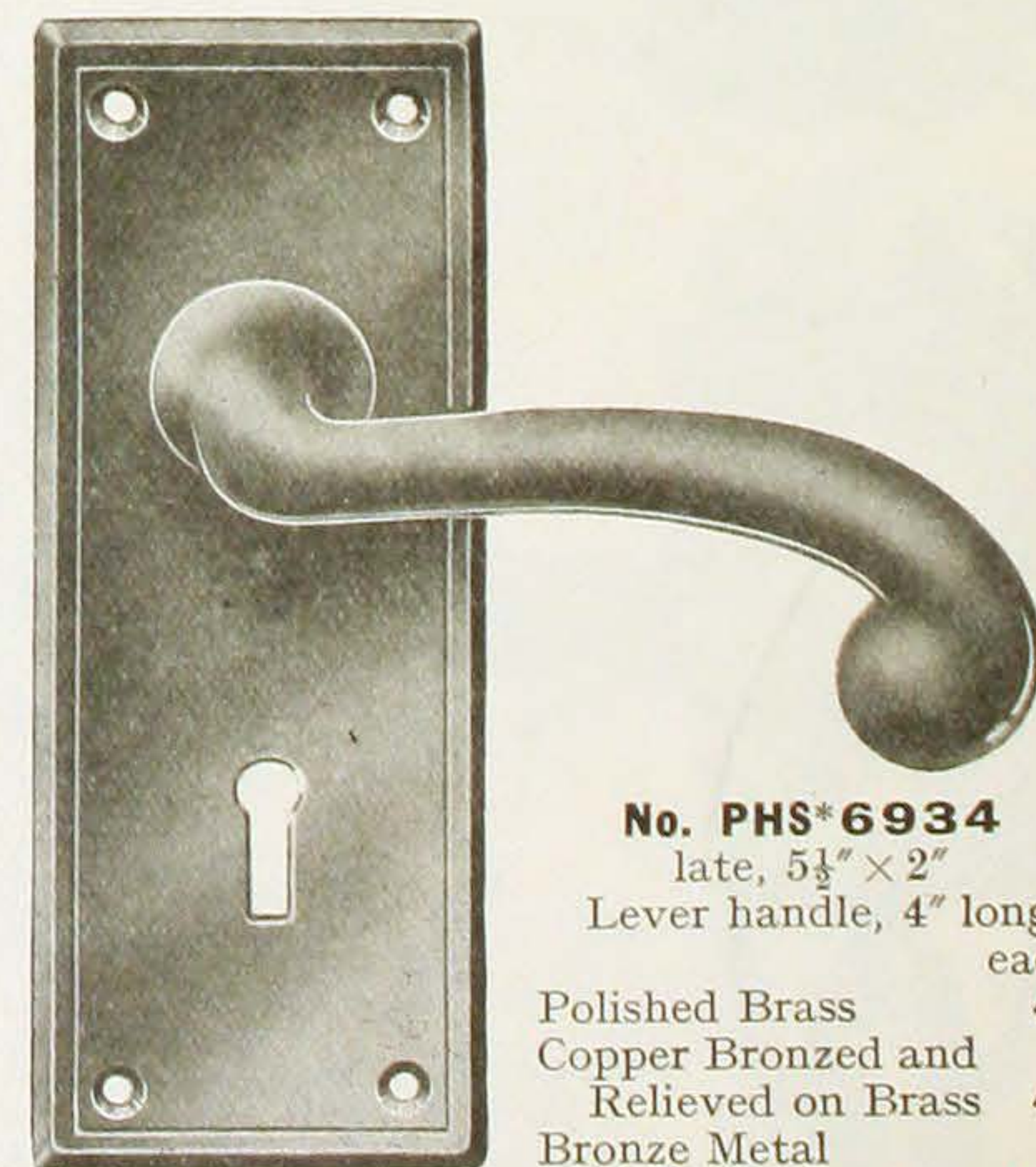
No. PHQ 2195

Plate, 5½" x 1½".
Lever handle, 4" long.
each.
Polished Brass 8/9
Copper Bronzed and
Relieved on Brass 9/8
Bronze Metal
Antique ... 10/6
Oxidized Silver on
White Metal 13/2



No. PHS*6932

Plate, 3½" x 2½". Lever handle, 4" long.
Polished Brass ... 6/2 each.
Copper Bronzed and Relieved
on Brass ... 7/- "
Bronze Metal Antique ... 7/6 "
Oxidized Silver on White
Metal ... 11/- "



No. PHS*6934

late, 5½" x 2".
Lever handle, 4" long.
each.
Polished Brass 4/2
Copper Bronzed and
Relieved on Brass 4/5
Bronze Metal
Antique ... 4/10
Oxidized Silver on
White Metal 5/6
With Square Corners.
Not rounded as shewn.

Lever Handles

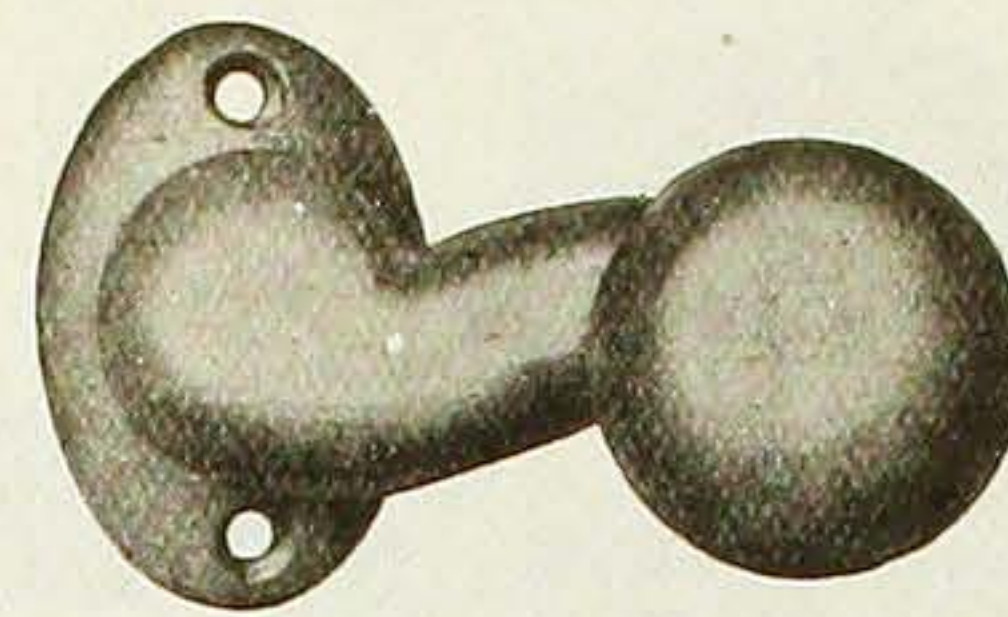


No. PHS*6944

This Lever Handle, the moment pressure is released, regains its original position by means of a Special Spring.

Plate 6" x 1 1/2"
Handle, 4 1/4"

Berlin Black	...	2/9 each.
Sheradized B.B.	...	3/2 "
Parwinac Finish	...	3/2 "
Polished Brass	...	4/6 "
C. B. & R. on Brass	...	5/- "
Bronze Metal Antique	...	5/3 "

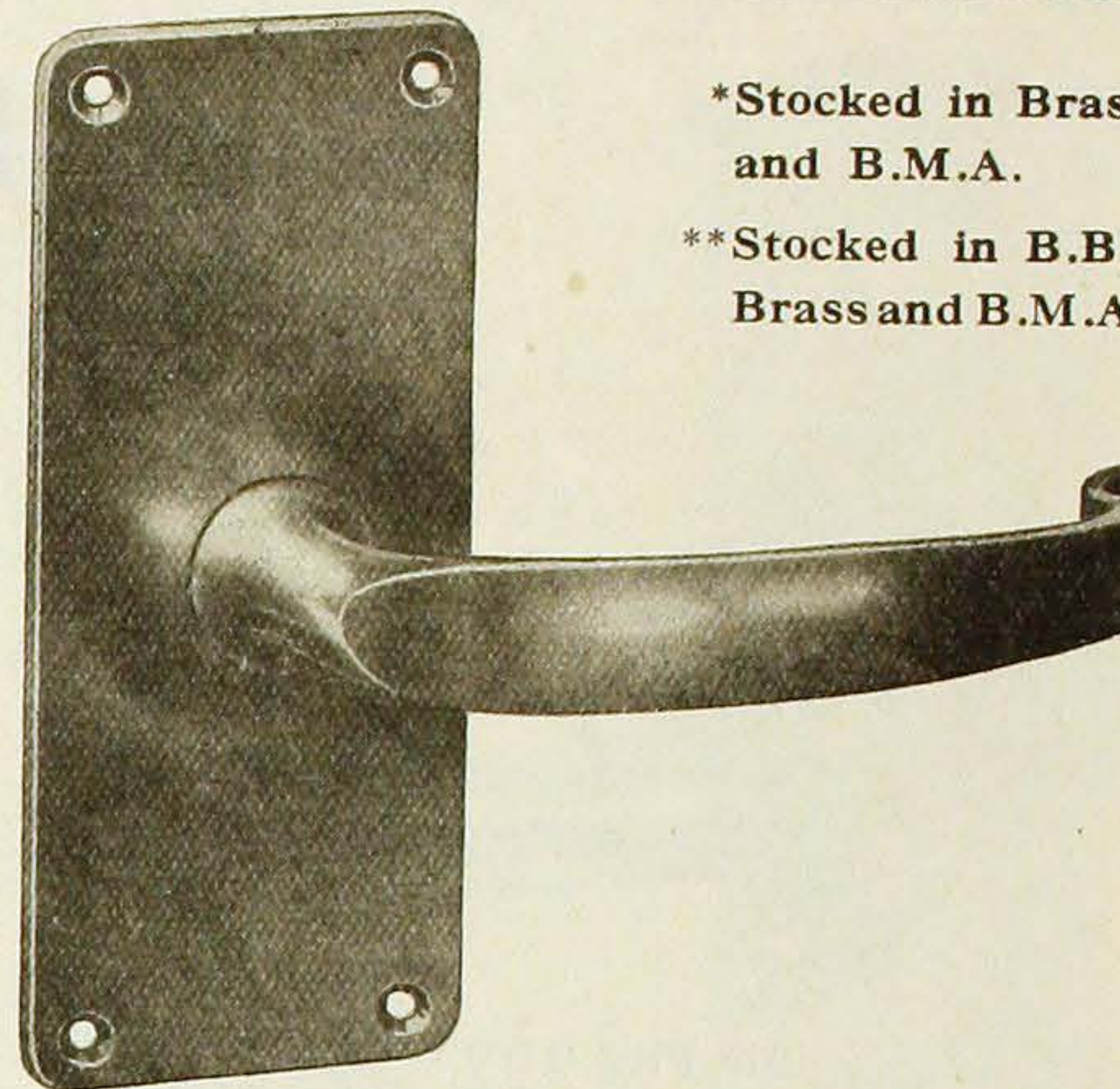


No. PHS*2179

Plate 1 1/2" x 1 1/4" Handle 2 3/4"

Polished Brass	...	3/3 each.
C. B. & R. on Brass	...	3/6 "
B. M. A.	...	4/- "
Oxidized Silver on White Metal	...	5/- "

Extra for Chromium Plating Stainless:		
Small Lever Handles	..	4/6 each.
Long Plate	"	6/3 "



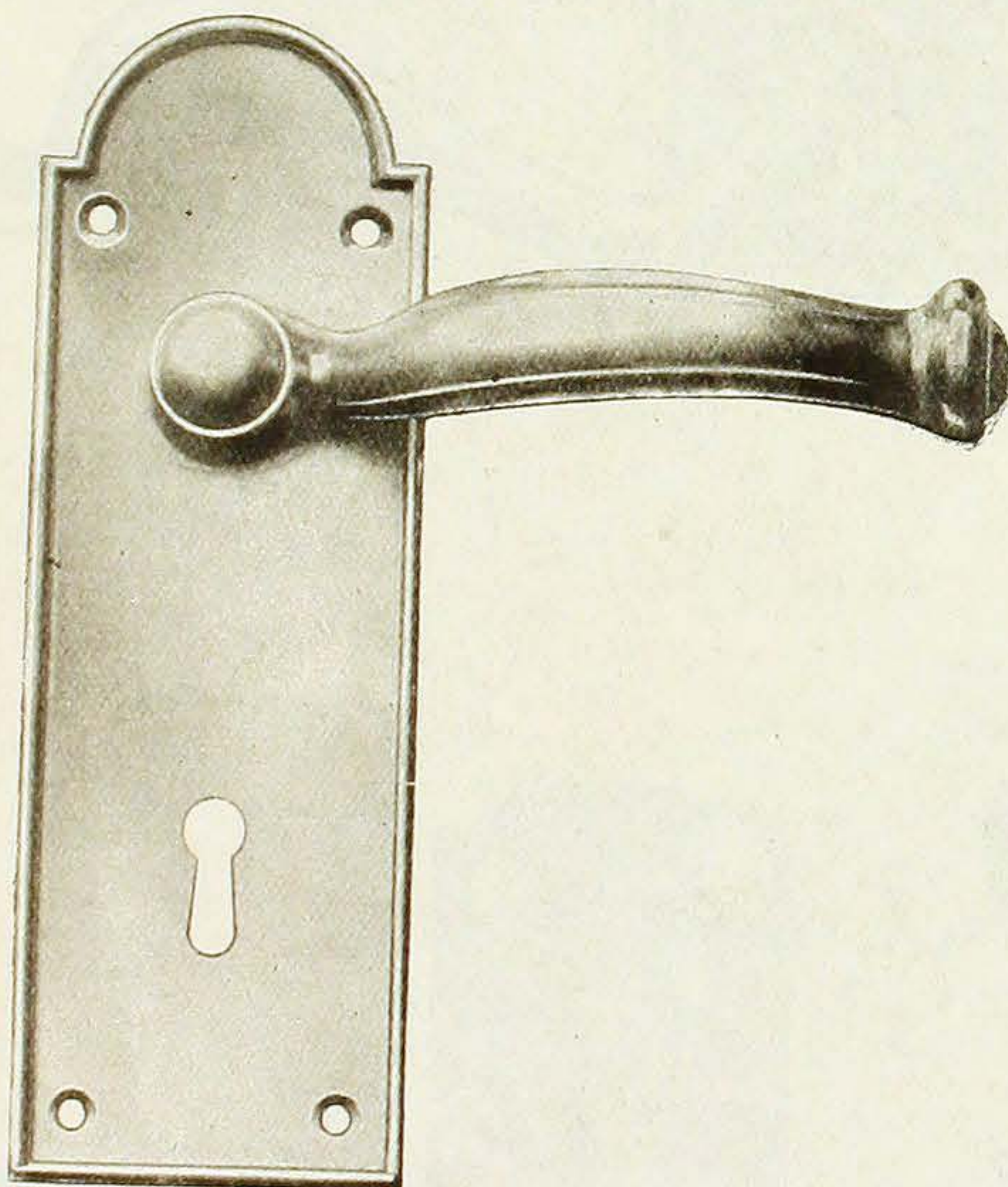
*Stocked in Brass and B.M.A.

**Stocked in B.B. Brass and B.M.A.

No. PHS*6945

Plate ... 5" x 2" 7" x 2"

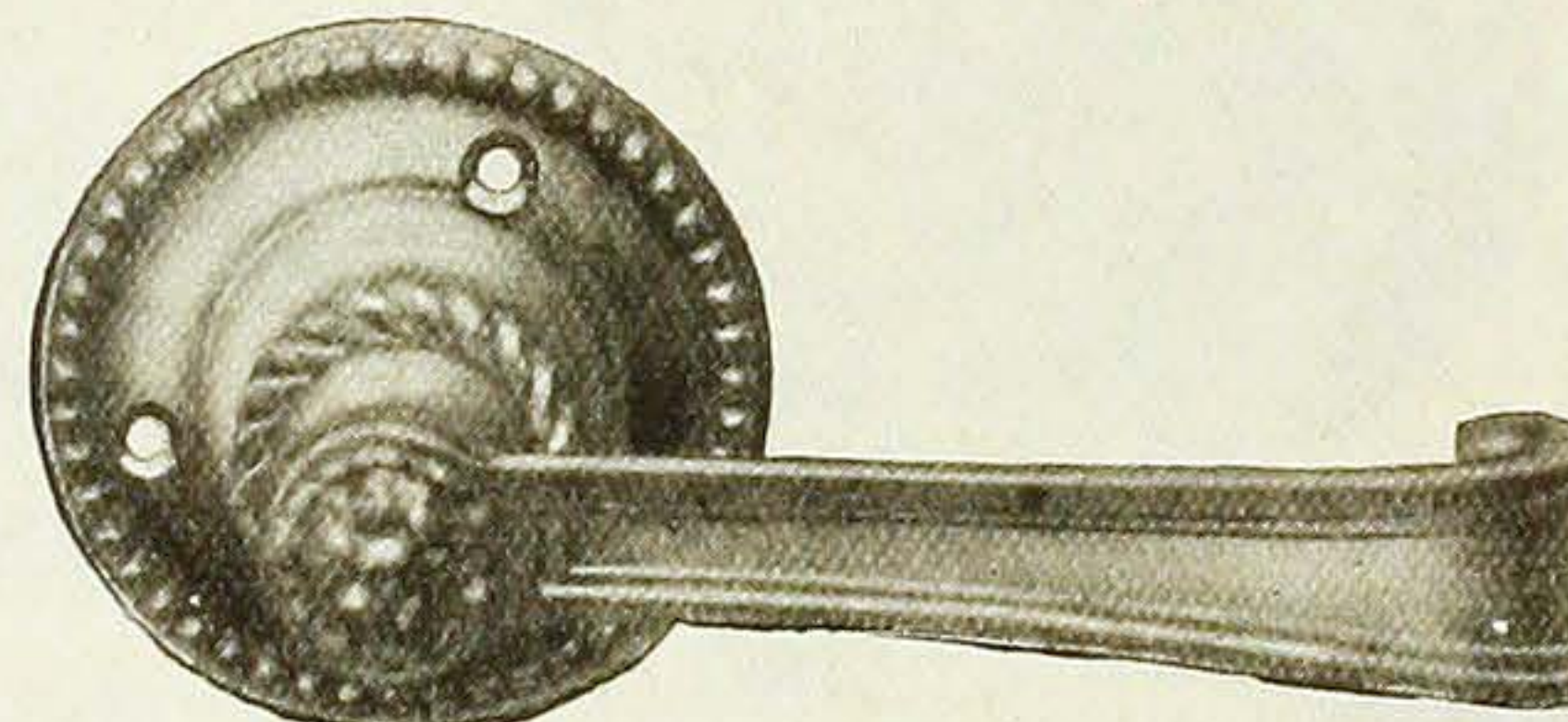
Polished Brass	...	3/8	5/1 each.
C. B. & R. on Brass	...	4/6	6/- "
Bronze Metal Antique	...	4/10	6/8 "
Ox. Silver on White Metal	...	7/2	10/2 "



No. PHQ 6946

Plate 6 1/2" x 2" Handle, 4 1/2"

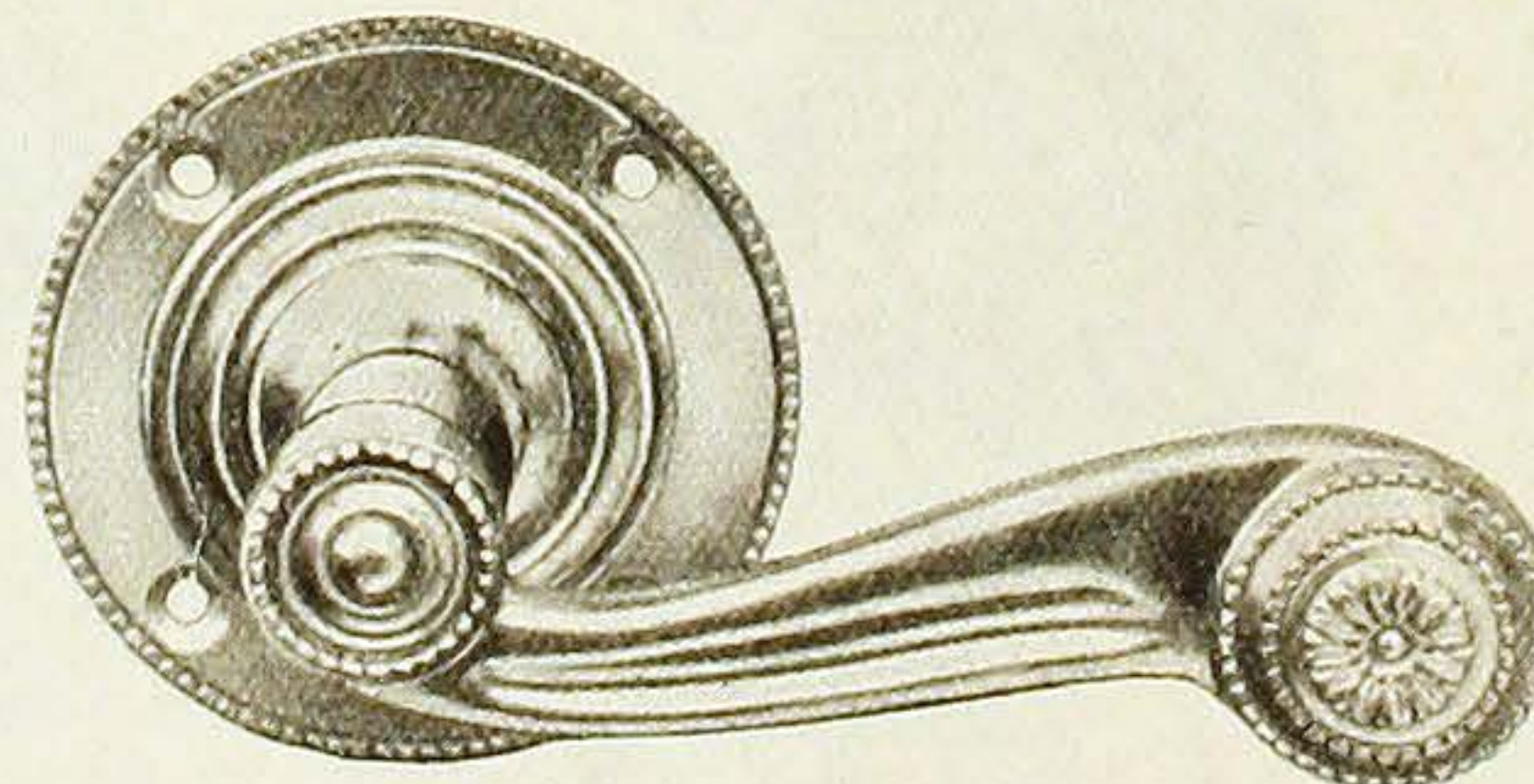
Brass	...	9/8 each.
C. B. & R.	...	10/6 "
Real B. M. A.	...	11/- "
Oxidized Silver on White Metal	...	13/2 "



No. PHQ 6948

Plate 2 1/4" diameter. Handle 4"

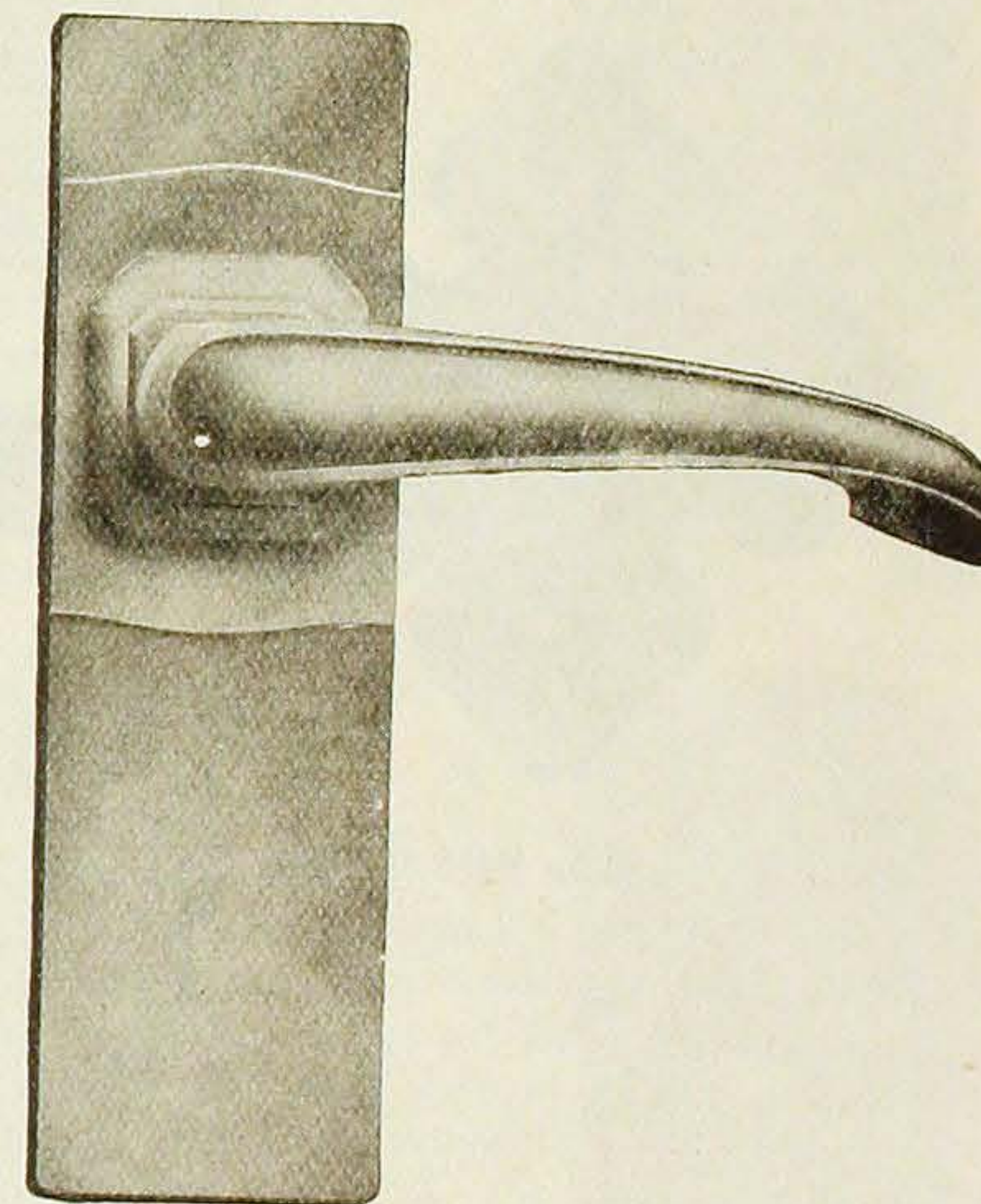
Brass	...	13/2 each.
C. B. & R.	...	14/5 "
Real B. M. A.	...	15/- "
Oxidized Silver on White Metal	...	17/6 "



No. PHQ 6949

Plate 2 1/4" diameter. Handle 4".

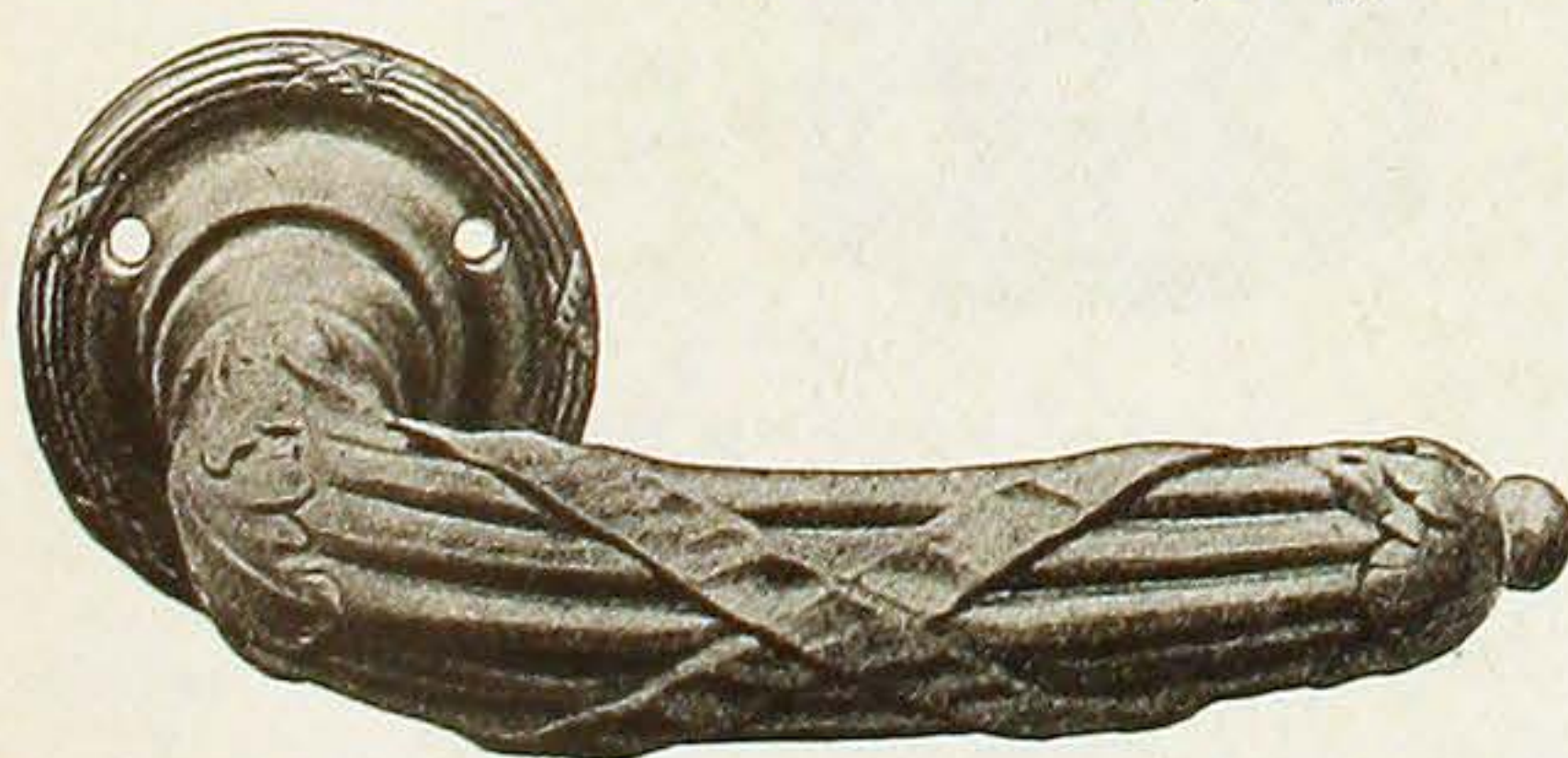
Brass	...	9/5 each.
C. B. & R.	...	10/6 "
Real B. M. A.	...	11/- "
Oxidized Silver on White Metal	...	13/2 "



No. PHQ 6947

Plate 1 1/2" x 5 1/2" Handle 4"

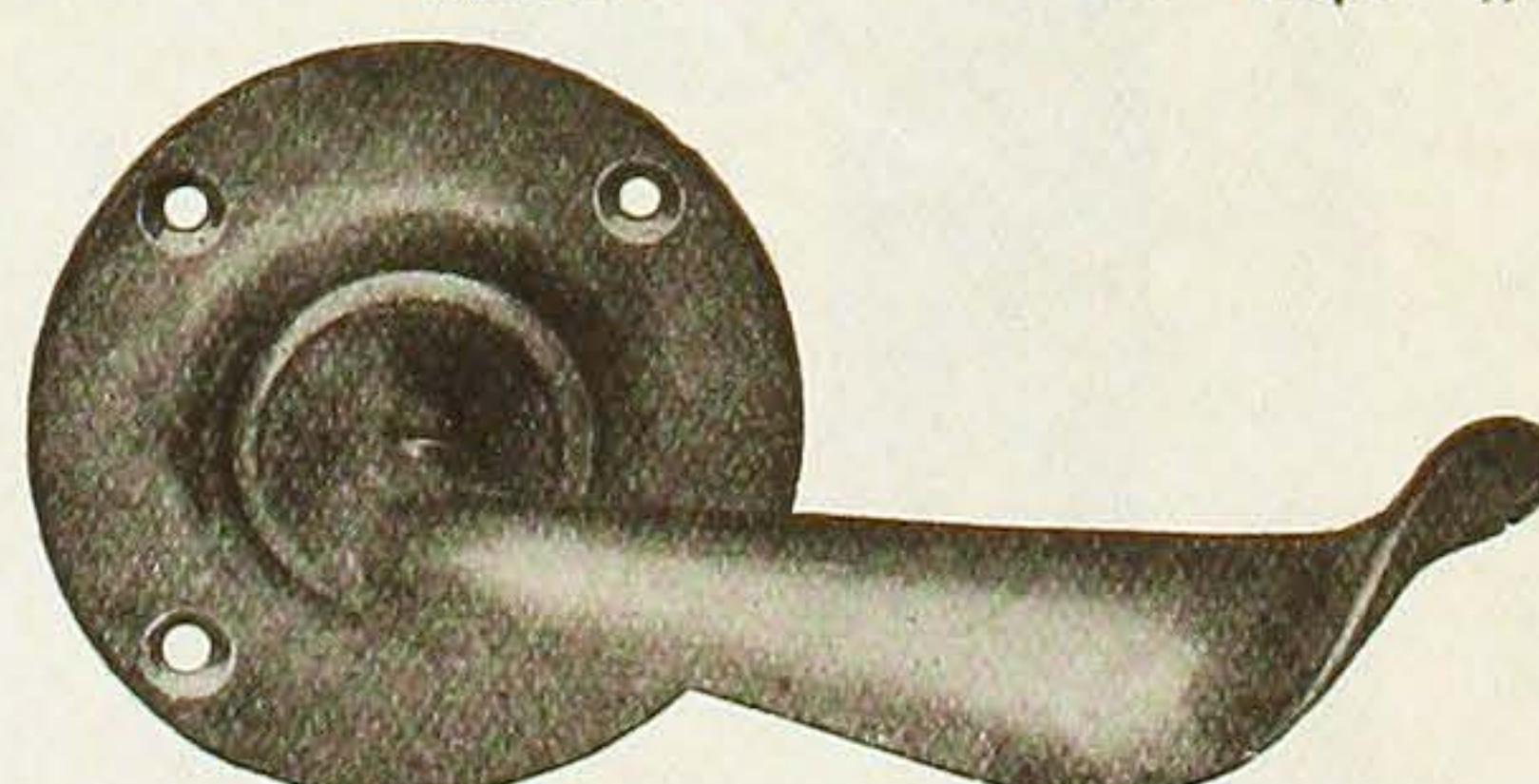
Brass	...	7/6 each.
C. B. and R.	...	8/4 "
Real B. M. A.	...	8/9 "
Oxidized Silver on White Metal	...	10/6 "



No. PHQ 2194

Plate, 2" diameter.
Lever Handle, 4 1/2" long.

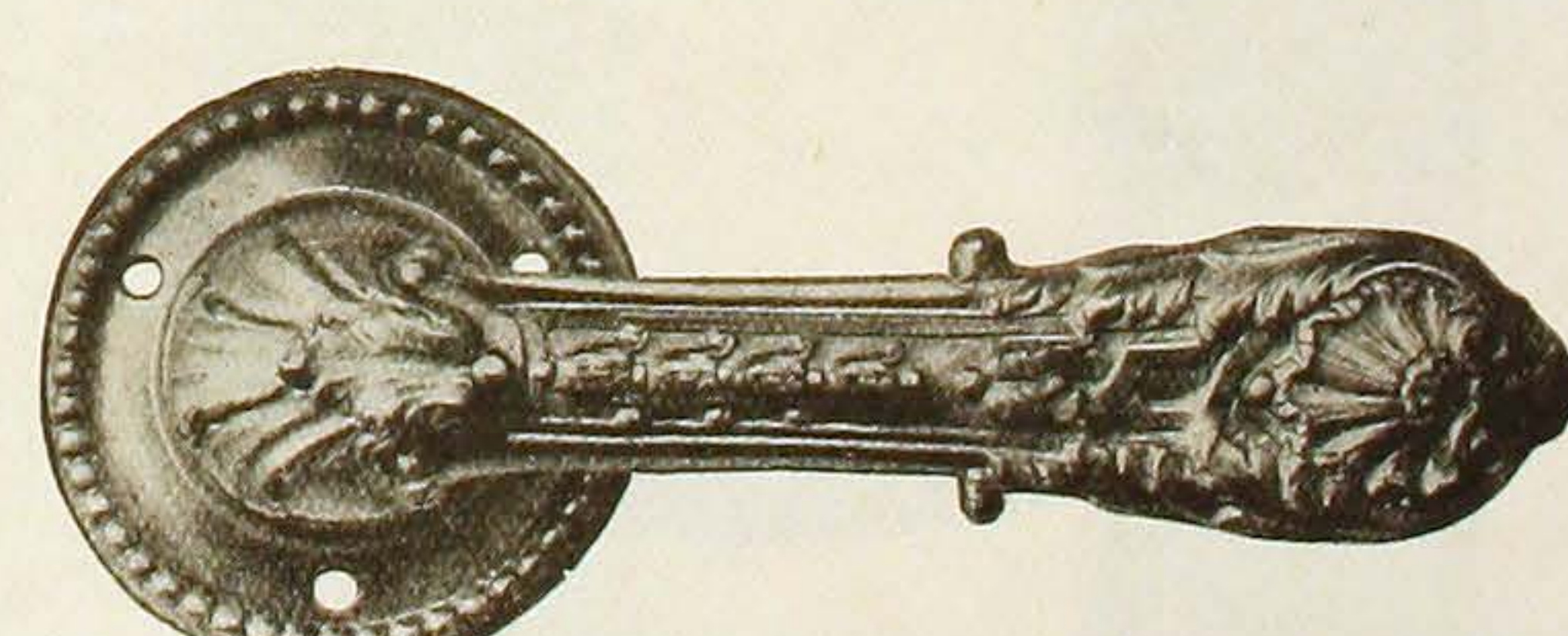
Polished Brass	...	23/9 each.
C. B. and R. on Brass	...	24/6 "
Bronze Metal Antique	...	26/3 "
Oxidized Silver on White Metal	...	30/9 "



No. PHS*5578

Plate, 2 1/4" diameter.
Lever handle, 3 1/2" long.

Polished Brass	...	4/6 each.
C. B. and R. on Brass	...	5/- "
Bronze Metal Antique	...	5/9 "
Oxidized Silver on White metal	...	7/- "



No. PHO 2192

Plate, 2 1/4" diameter.
Lever Handle, 5" long.

Polished Brass	...	29/- each.
C. B. and R. on Brass	...	29/9 "
Bronze Metal Antique	...	32/6 "
Oxidized Silver on White Metal	...	38/6 "

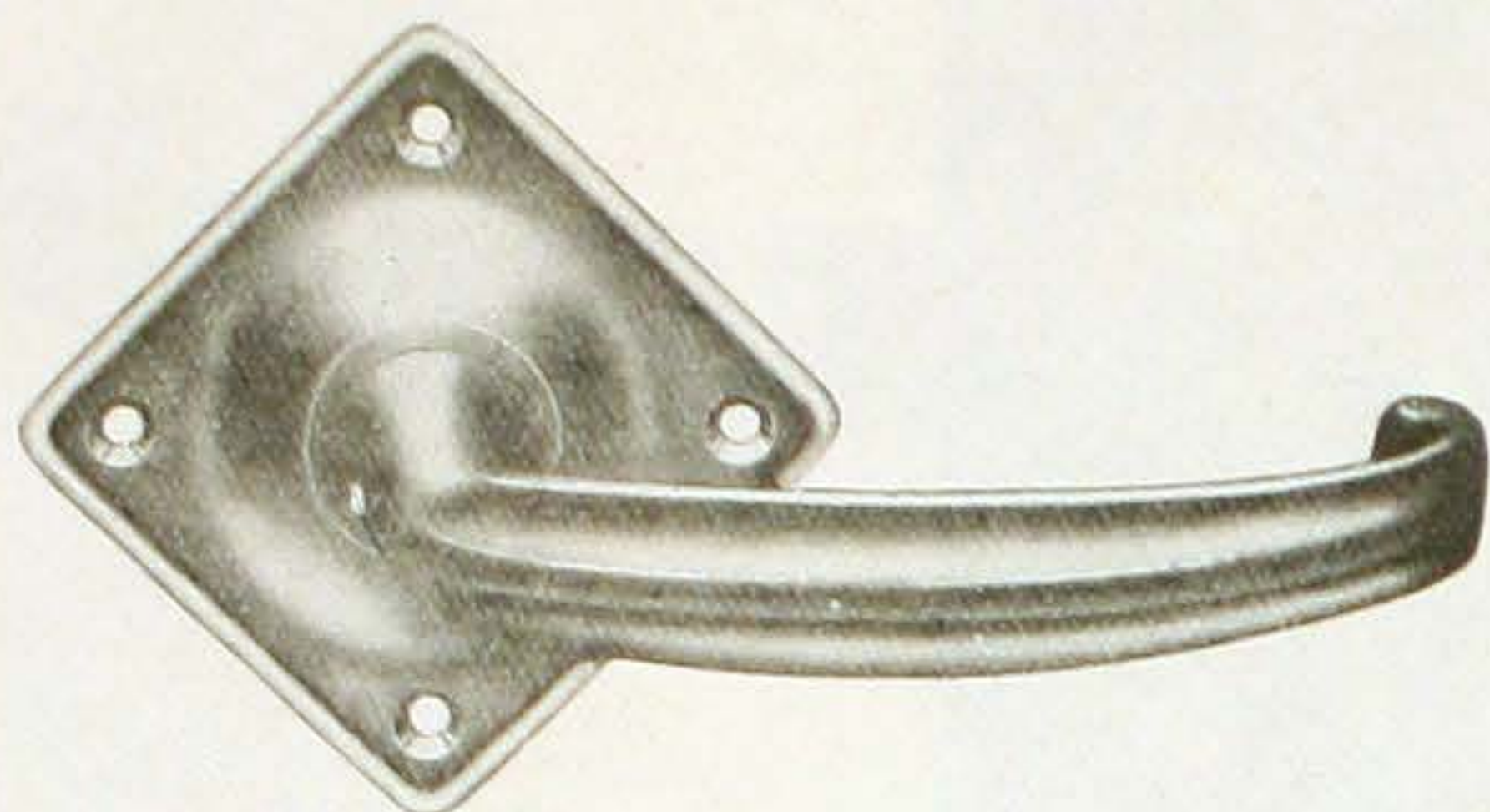
*Stocked in Brass and B.M.A.

**Stocked in B.B., Brass and B.M.A.

Lever Handles, Iron and Brass

* Stocked only in B.B.,
Brass and B.M.A.

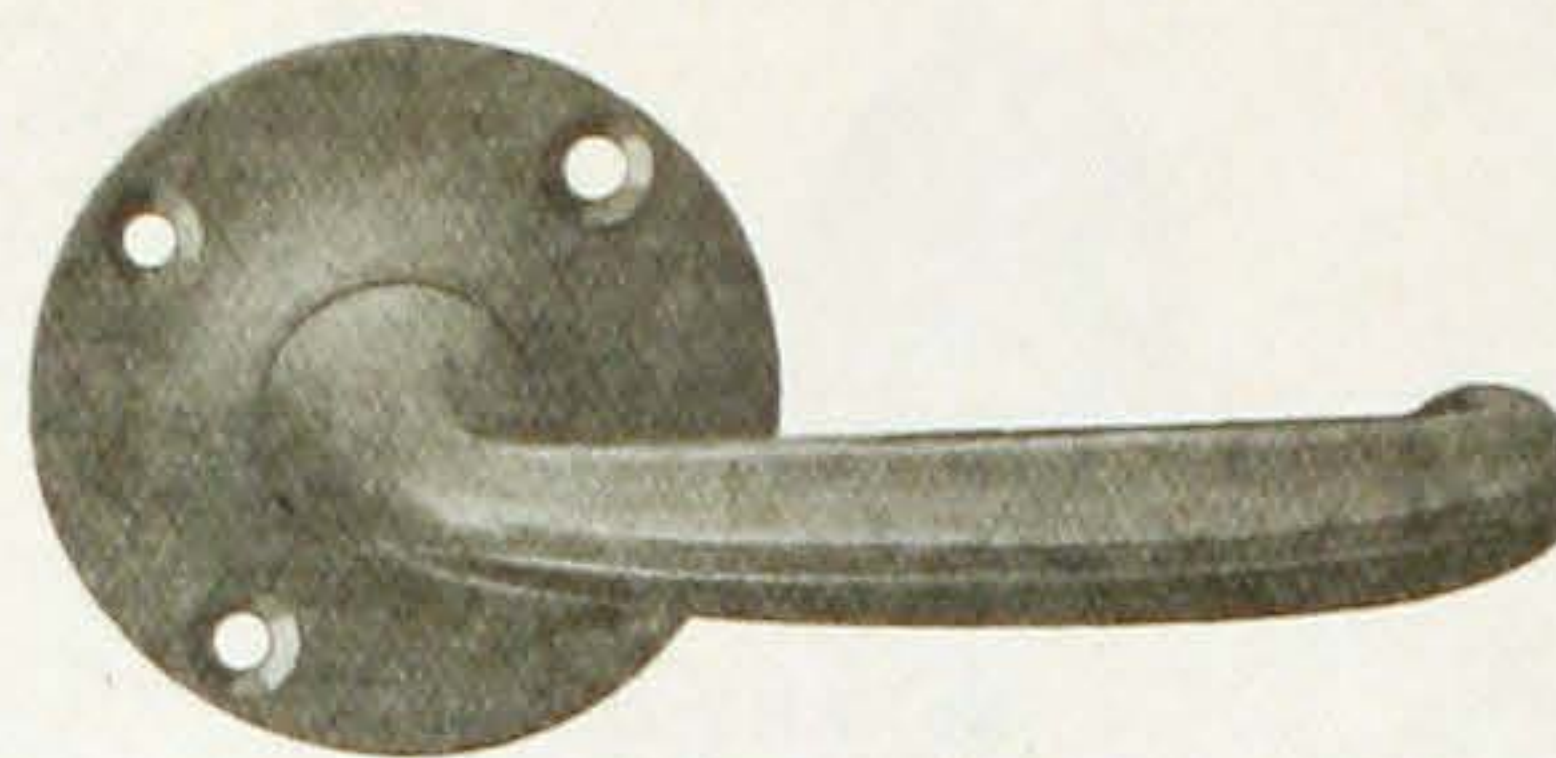
A Set consists of Two Handles, Spindle and Escutcheons.



No. PHQ 8997

Plate $2\frac{1}{4}$ " square. Lever Handle 4" long.
Polished Brass ... 7/6 per set.
C. B. & R. on Brass ... 8/- "
Bronze Metal Antique ... 8/9 "
Oxidized Silver on Brass... 9/3 "

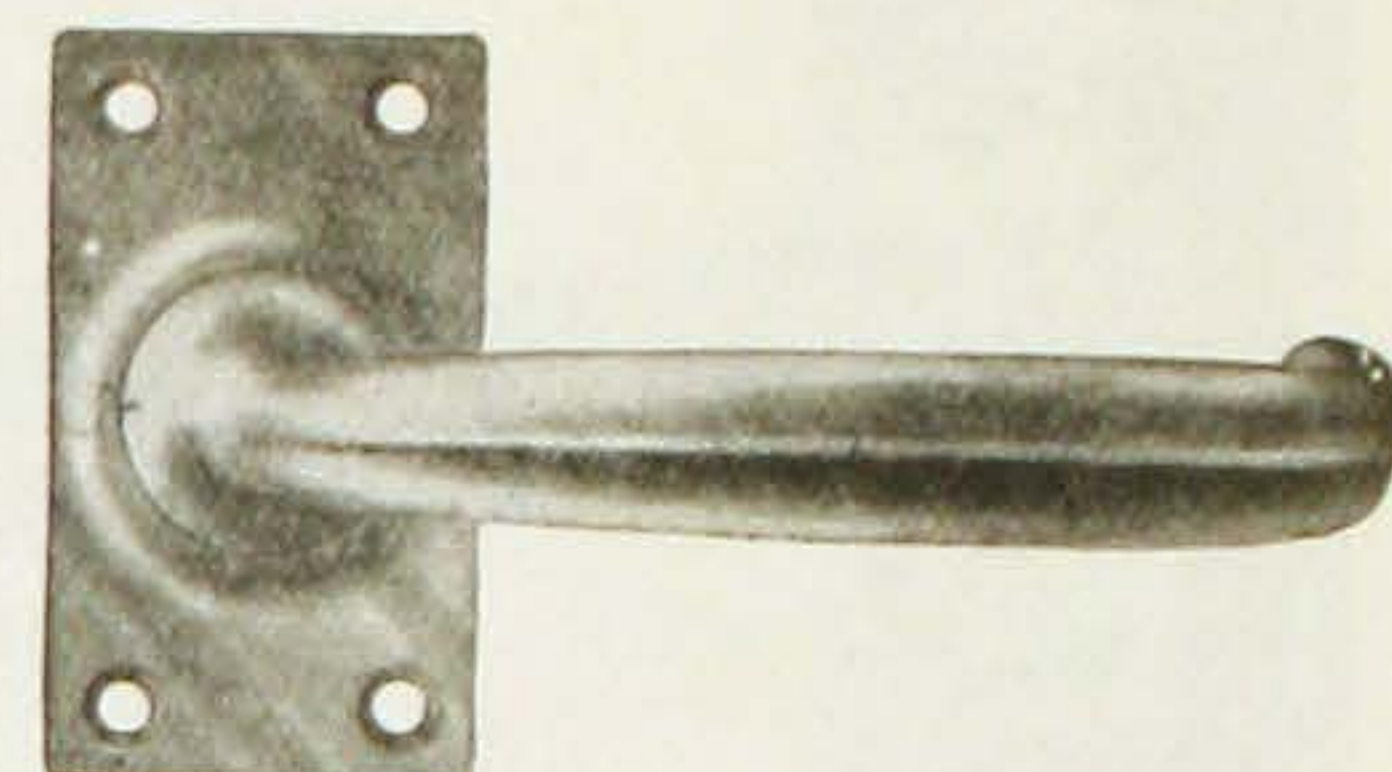
As above but plate $2\frac{1}{8}$ " square.
Lever handle $4\frac{1}{2}$ " long.
Berlin Black ... 3/3 per set.
Sheradized B.B. ... 3/10 "
Parwinac Finish ... 3/10 "



No. PHS*9079

Plate $2\frac{1}{2}$ " diameter.
Lever Handle 5" overall.

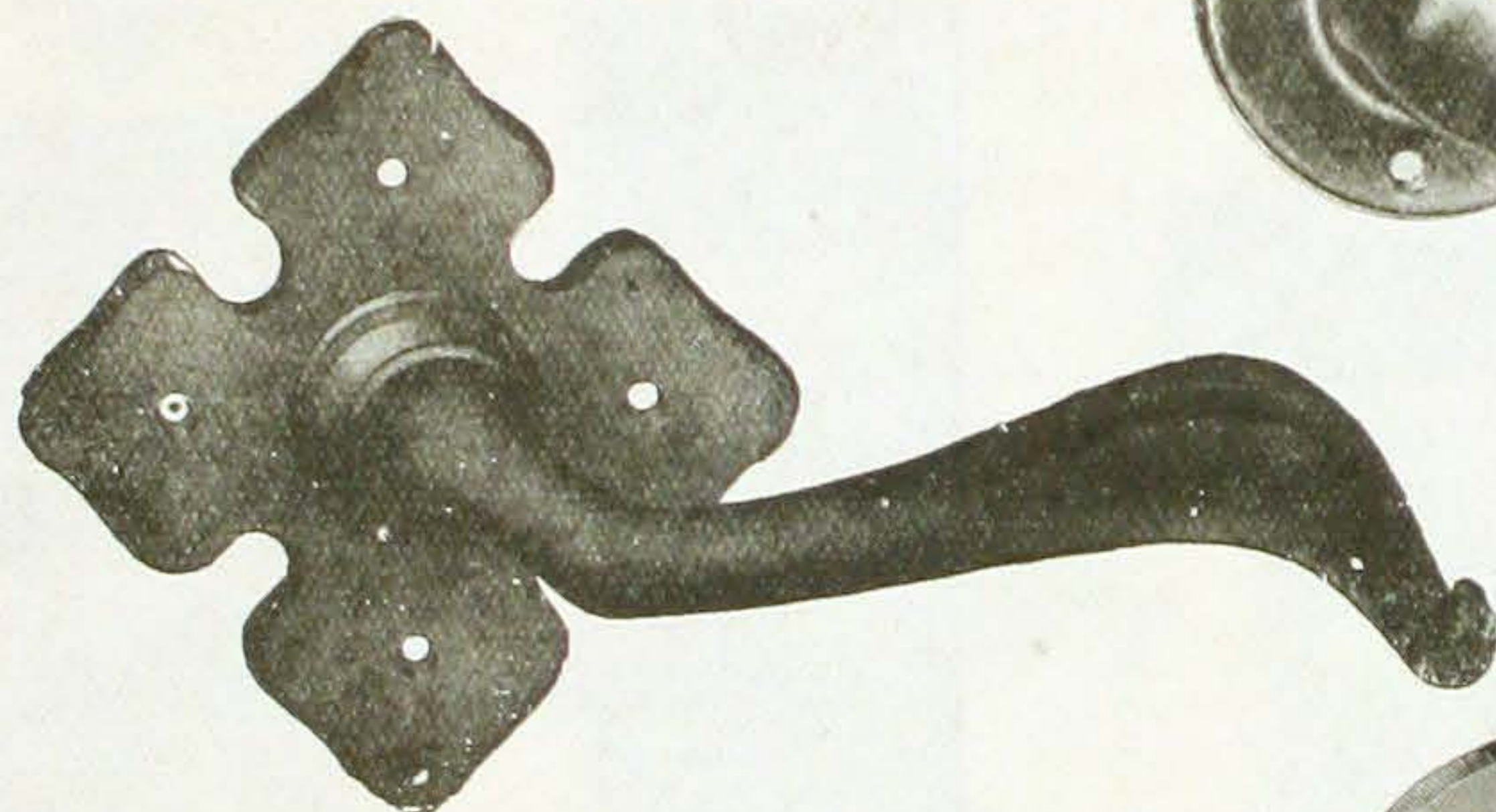
Berlin Black ... 3/3 per set.
Sheradized B.B. ... 3/10 "
Parwinac Finish ... 3/10 "
Polished Brass ... 6/6 "
C. B. & R. on Brass ... 7/- "
Bronze Metal Antique ... 7/6 "



No. PHS*2232

Plate $2\frac{1}{2}$ " x $1\frac{5}{16}$ ". Lever handle 4".

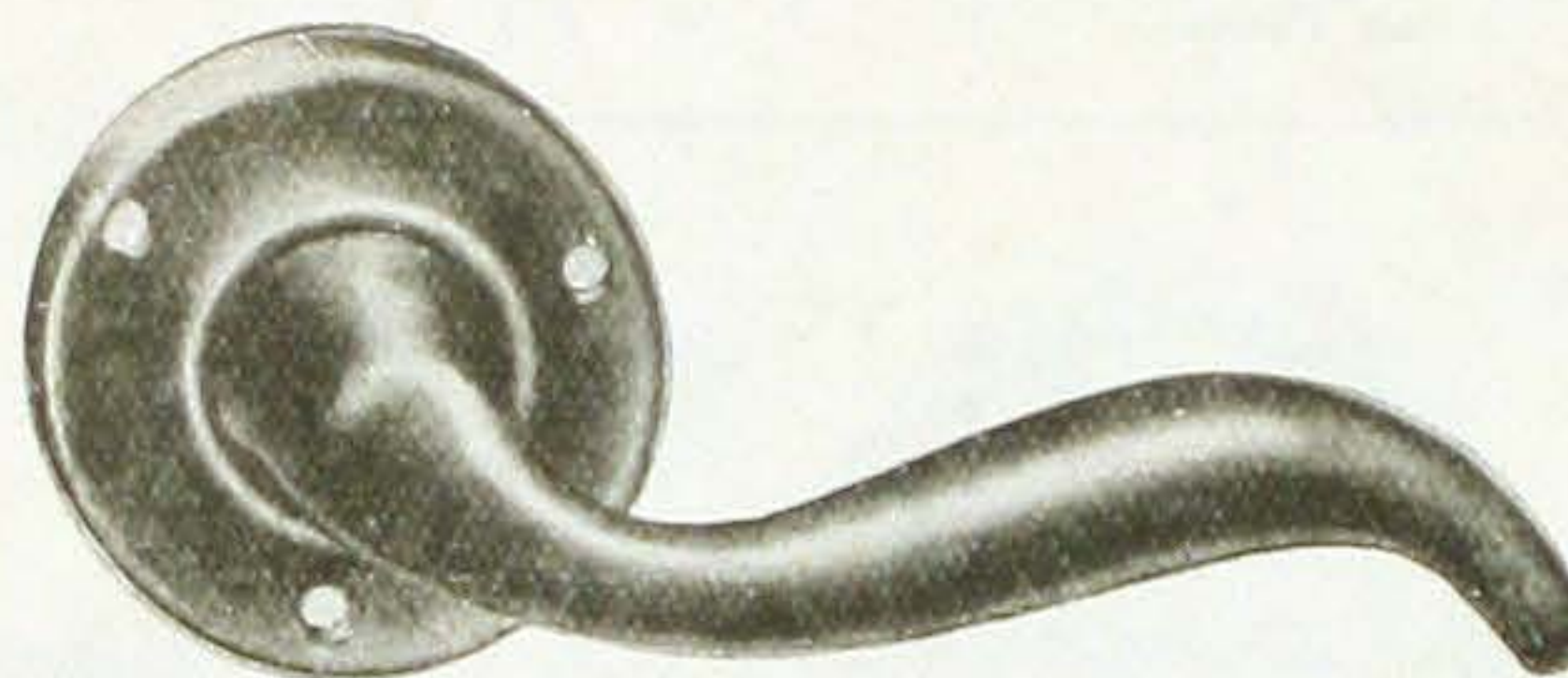
Berlin Black ... 3/4 per set.
Sheradized B.B. ... 3/10 "
Parwinac Finish ... 3/10 "
Polished Brass ... 5/10 "
C.B. & R. on Brass ... 6/8 "
Bronze Metal Antique ... 7/- "
Oxidized Silver on Brass... 10/6 "



No. PHS 9065

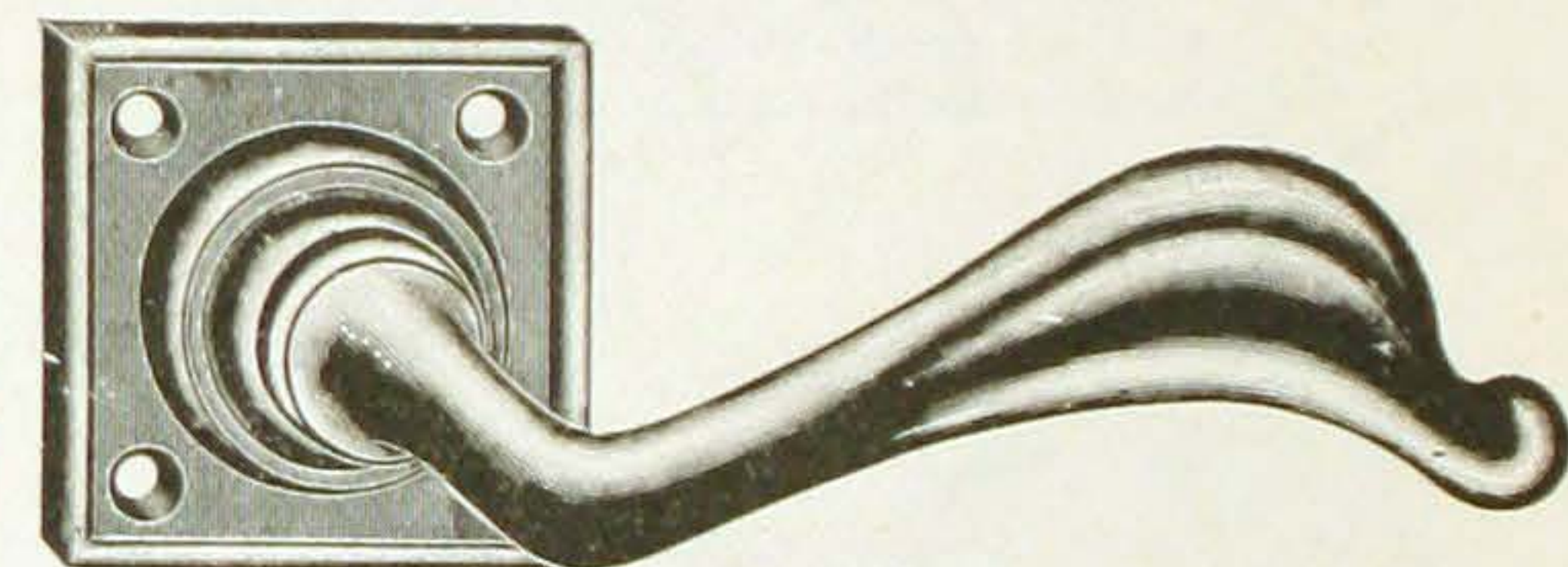
Plate $2\frac{1}{2}$ ". Lever handle $4\frac{1}{2}$ "
Pitt's Mortice or Rim.

Malleable Iron, Berlin Black 6/3 per set.
" " Sheradized B.B. 7/- "
(Not stocked Sheradized B.B.)



No. PHS 9069

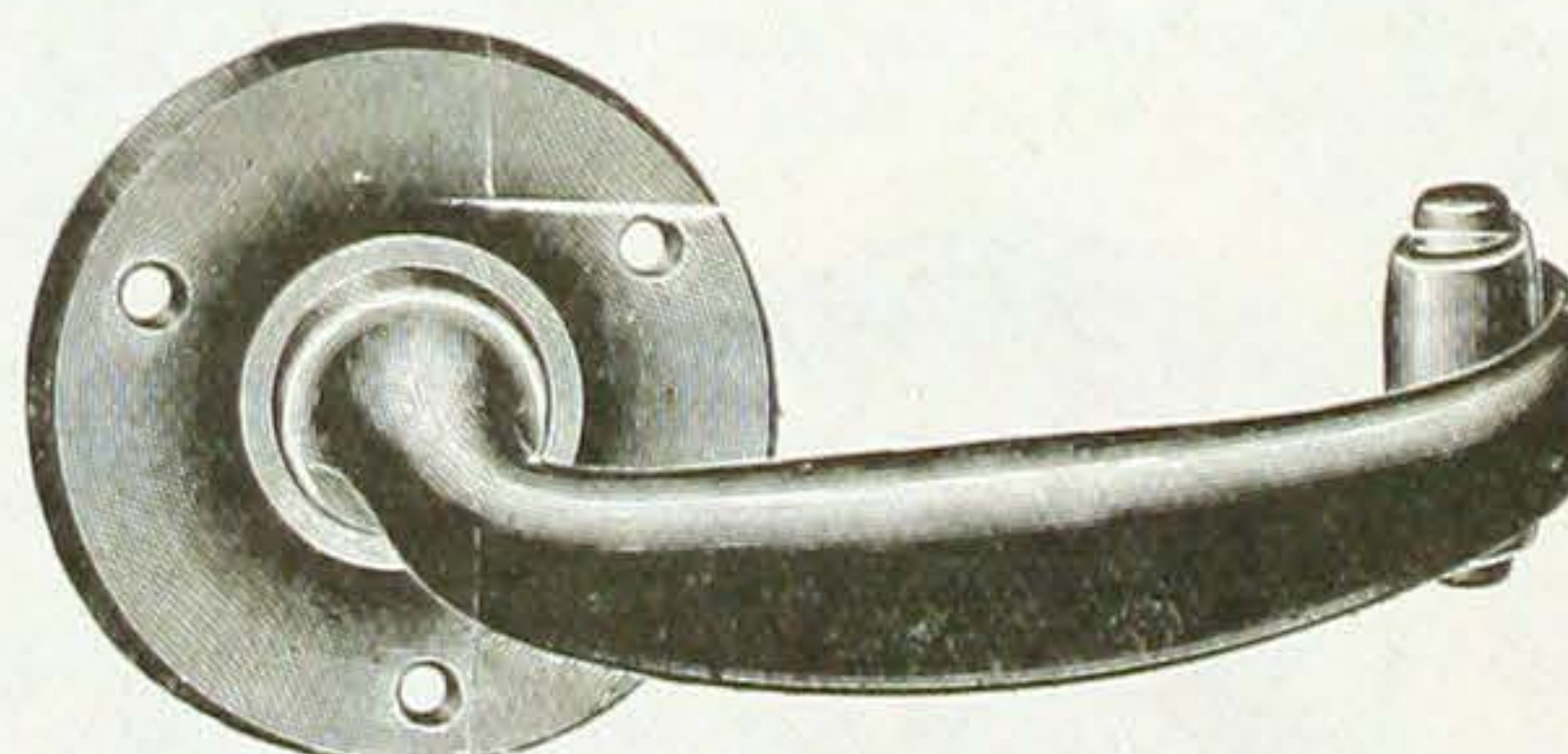
Plate 2" Lever handle 4"
Berlin Black ... 4/6 per set.
B.M.A. ... 13/3 "



No. PHS 9067

Plate 2" x 2" Lever handle 5".

Pitt's Rim or Mortice.
Malleable Iron, B.B. ... 4/10 per set.

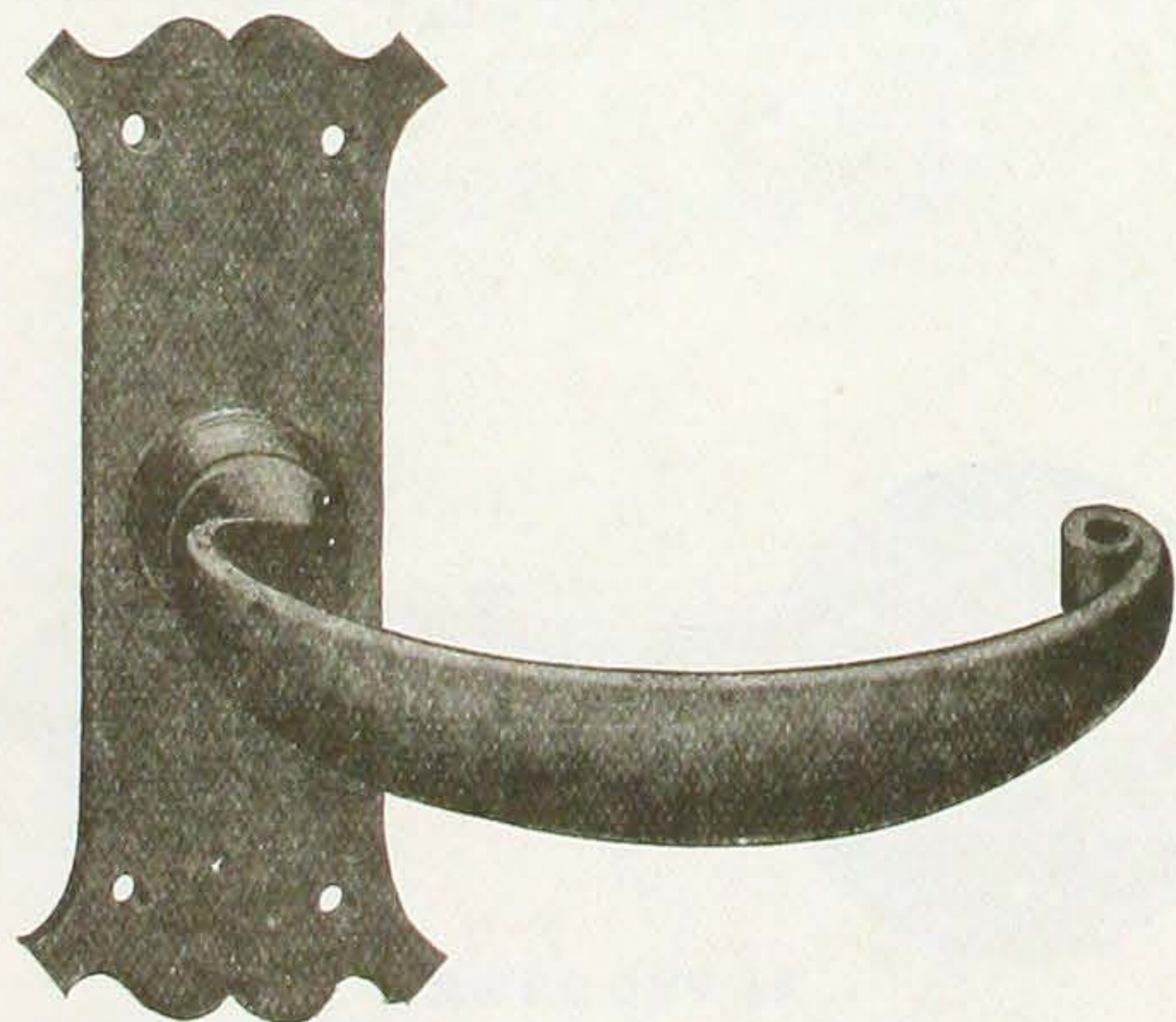


No. PHS 9077

Plate 2". Lever handle, 4".

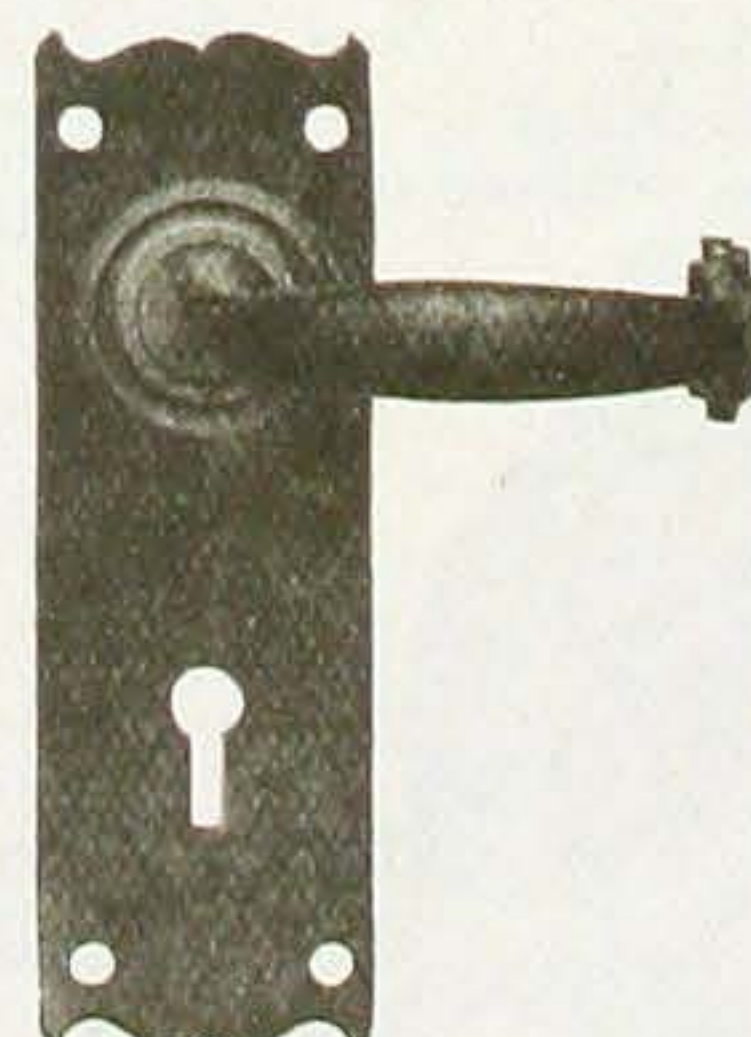
Pitt's Rim or Mortice.

Art Black ... 4/2 per set.
B.M.A. ... 12/3 "



No. PHS 9066

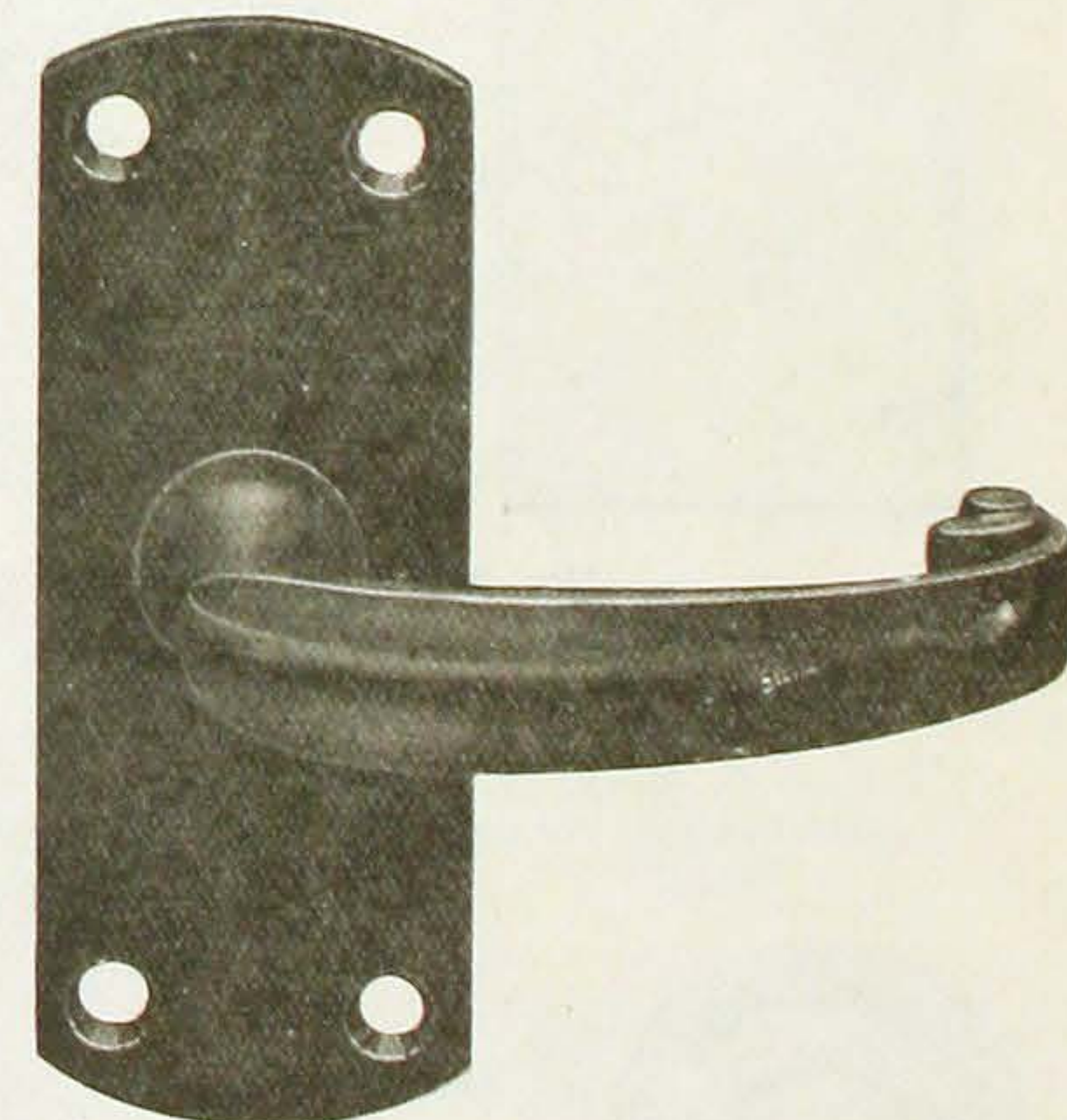
Plate $4\frac{1}{2}$ " x 2" Lever handle $4\frac{1}{2}$ ".
Forged Antique Bronzed 13/2 per set.
With Plain Plate
Square cornered ... 11/6 "



No. PHQ 6866 Size $3\frac{3}{4}$ "

The Keyhole in this pattern is only cut to order and a drawing is necessary to shew the relative positions of Spindle and Key-holes.

Berlin Black ... 31/6 dozen handles.
" " ... 2/9 each handle.
Brass ... 74/6 dozen handles.
" ... 6/4 each handles.

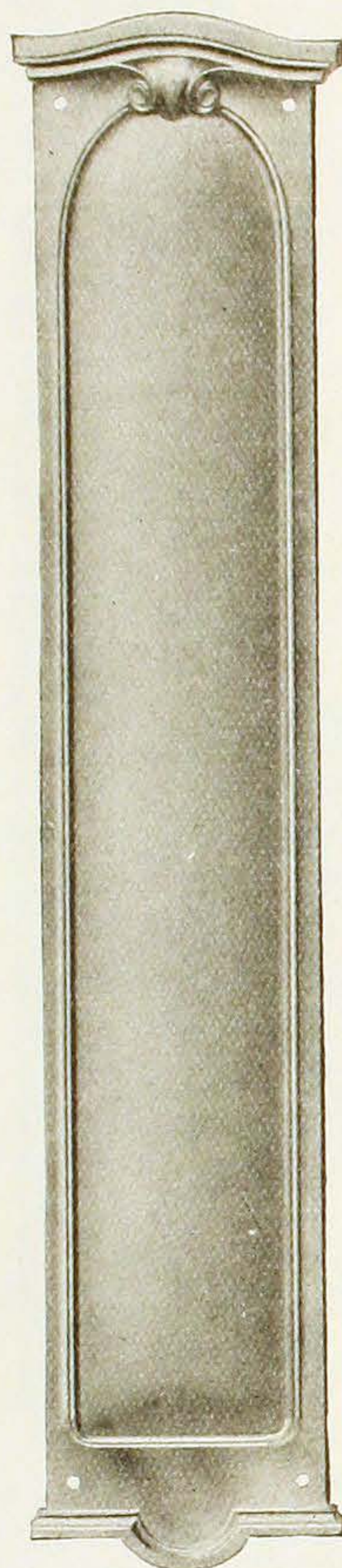


No. PHQ 8996

Plate $3\frac{1}{4}$ " x $1\frac{1}{4}$ " Lever handle $2\frac{1}{4}$ "

	dozen Handles.	each Handle.
Berlin Black ...	17/6	1/7
Sheradized B.B. ...	21/-	1/10
Parwinac Finish ...	21/-	1/10
Polished Brass ...	36/9	3/2
C. B. & R. on Brass...	42/-	3/8
Bronze Metal Antique ...	42/-	3/8
Extra if Keyhole required.	3/6	4d.

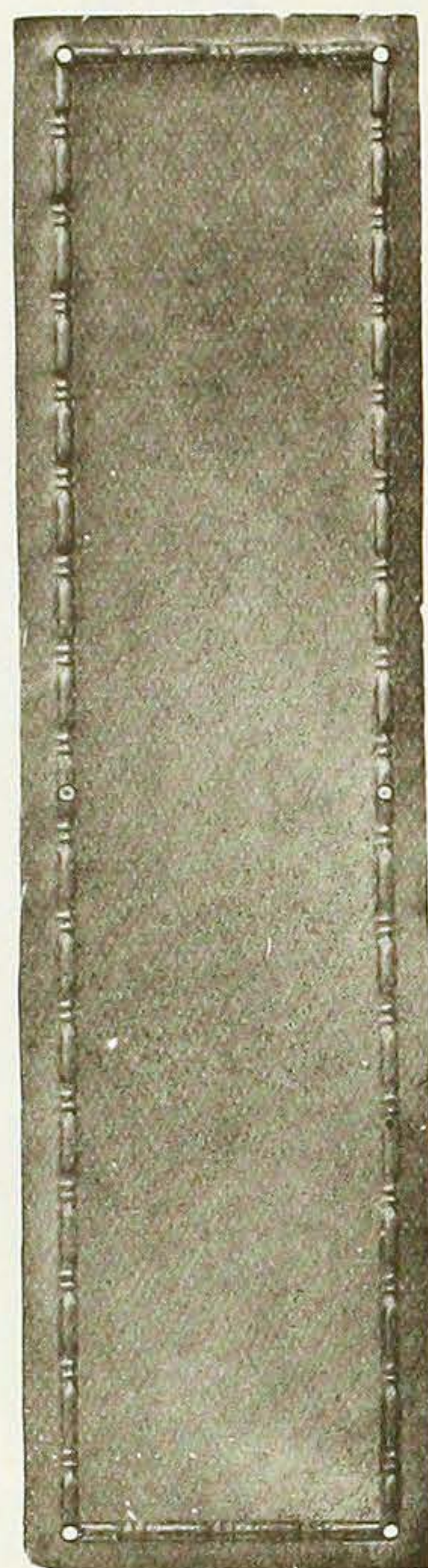
Finger Plates



No. PHQ 2374

Size 15 1/2" x 2 1/4"

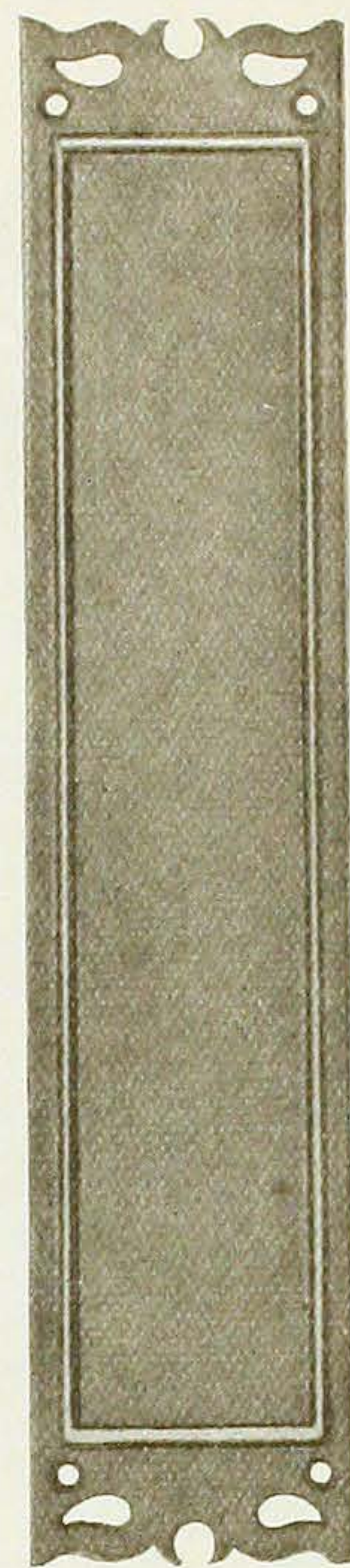
Polished Brass	15/- each.
C. B. and R. on Brass	15/9 "
Bronze Metal Antique	17/9 "
Oxydised Silver on	
White Metal	21/- "



No. PHS 5544

Size 12" x 3"

Polished Brass	3/3 each.
C. B. and R. on Brass	3/8 "
Bronze Metal Antique	4/6 "
Oxidized Silver on	
White Metal	6/2 "



No. PHO 2380

Size 14" x 2 3/4"

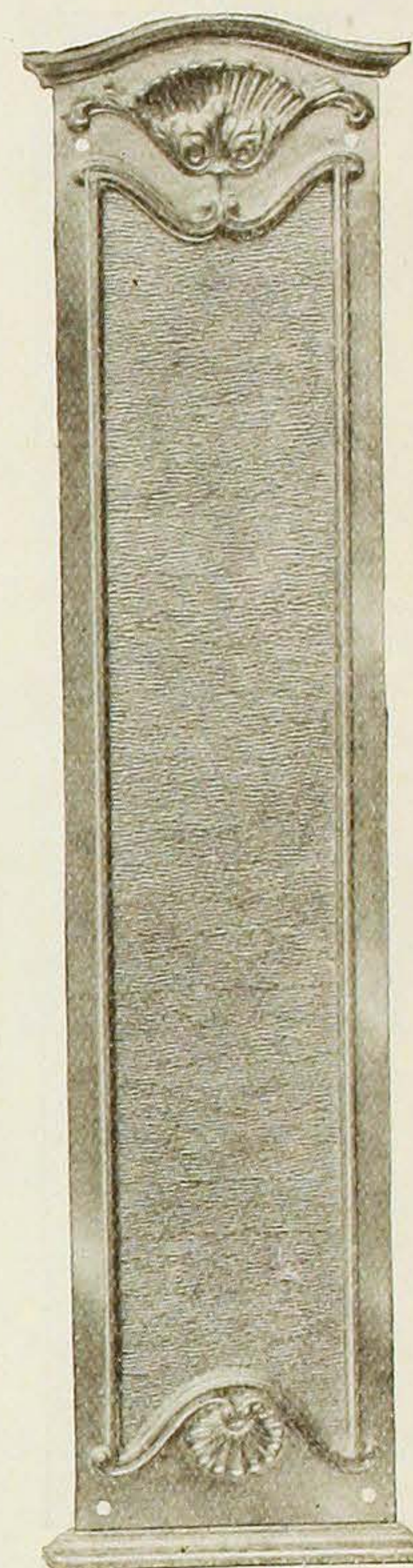
Polished Brass	8/- each.
C. B. and R. on Brass	8/4 "
Bronze Metal Antique	9/3 "
Oxidized Silver on	
White Metal	11/- "



No. PHO 2376

Size 13 1/2" x 3 1/2"

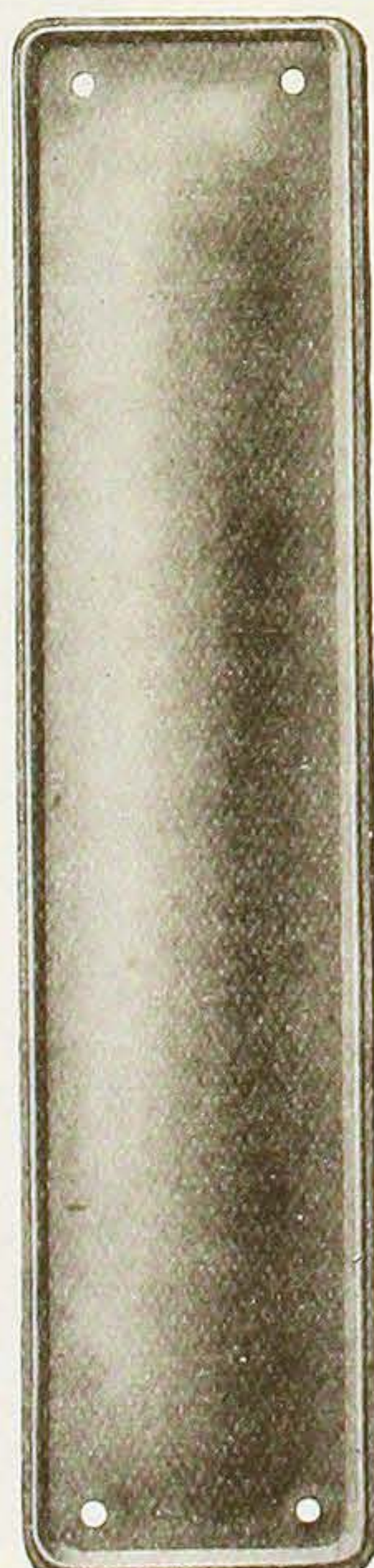
Polished Brass	11/6 each.
C. B. and R. on Brass	12/3 "
Bronze Metal Antique	13/3 "
Oxidized Silver on	
White Metal	15/9 "



No. PHO 2378

Size 13 1/2" x 3 1/2"

Polished Brass	13/3 ea
C. B. and R. on Brass	14/- "
Bronze Metal Antique	15/- "
Oxidized Silver on	
White Metal	17/6 "



No. PHQ 5548

Size 11 1/2" x 2 1/4"

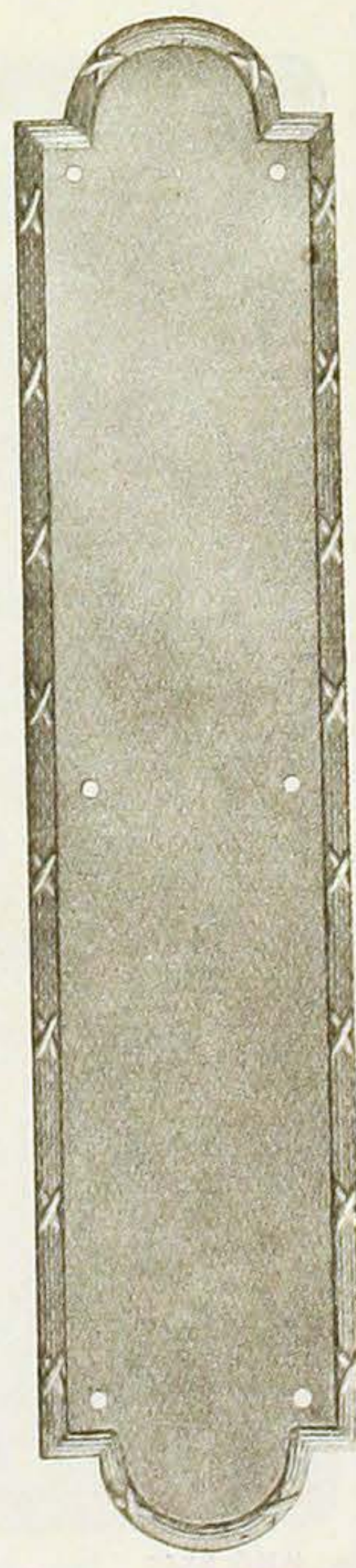
Polished Brass	6/6 each.
C. B. and R. on Brass	7/- "
Bronze Metal Antique	7/6 "
Oxidized Silver on	
White Metal	9/3 "



No. PHO 5539

Size 12" x 3"

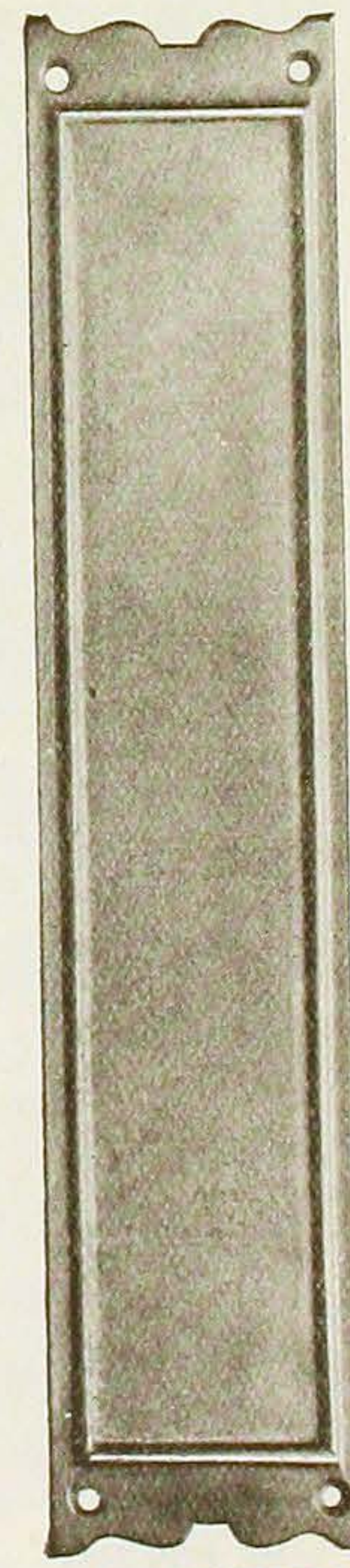
Polished Brass	8/- each.
C. B. and R. on Brass	8/6 "
Bronze Metal Antique	9/3 "
Oxidized Silver on	
White Metal	11/- "



No. PHO 5529

Size 11 1/2" x 2 1/4"

Polished Brass	9/3 each.
C. B. and R. on Brass	9/9 "
Bronze Metal Antique	11/6 "
Oxidized Silver on	
White Metal	13/6 "



No. PHQ 5542

Size 12" x 2 1/4"

Polished Brass	8/9 each.
C. B. and R. on Brass	9/4 "
Bronze Metal Antique	11/- "
Oxidized Silver on	
White Metal	12/9 "



No. PHO 2383

Size 14 1/2" x 3"

Polished Brass	8/9 "
C. B. & R. on Brass	9/3 "
Bronze Metal Antique	10/- "
Oxidized Silver on Brass	10/6 "

Similar Finger Plate to that alongside, but not with Sunk Plate, No. PHS 2443 as illustrated on page 43.

Prices ("B" Basis) as under.

Size 12" x 3"

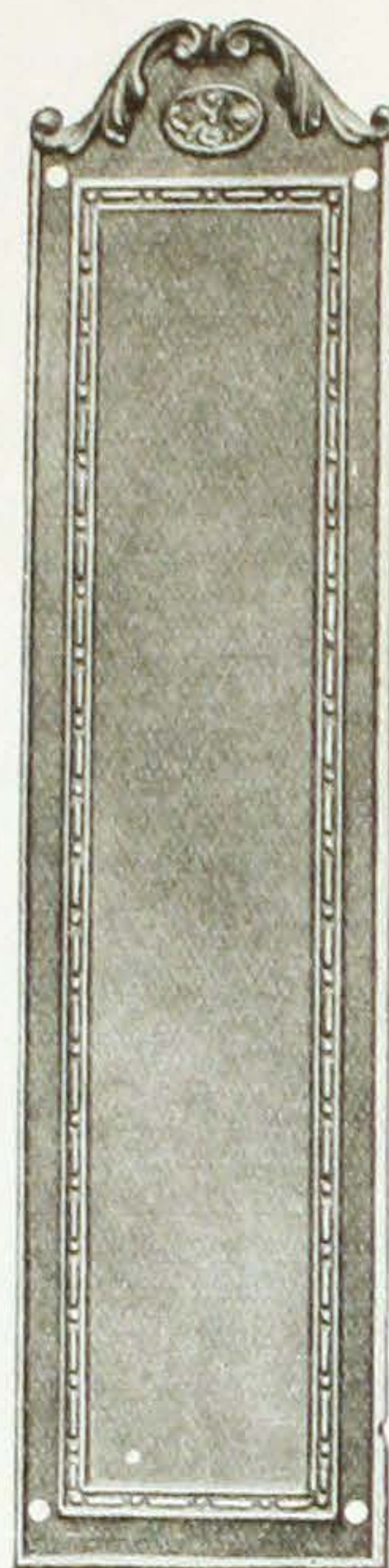
Pol. Brass	2/6 each.
C.B. & R. on Brass	2/11 "
B.M.A.	3/- "
O.S. on	
W.M.	5/4 "

Finger Plates

PRICED EACH.



No. PHQ 2375
Size 12½" x 2½"
Polished Brass .. 8/- each.
C. B. and R. on Brass .. 8/6 "
Bronze Metal Antique .. 9/3 "
Oxidized Silver on
White Metal .. 11/6 "



No. PHQ 2428
Size 11½" x 2½"
Polished Brass .. 12/3 each.
C. B. and R. on Brass .. 13/3 "
Bronze Metal Antique .. 14/- "
Oxidized Silver on
White Metal .. 15/9 "



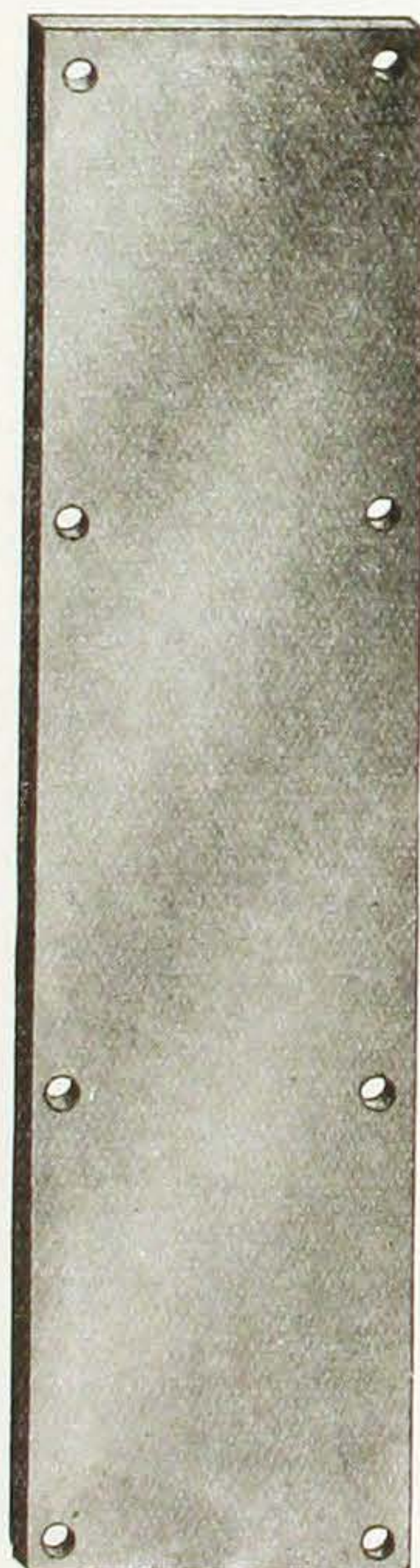
No. PHQ 2429
Size 12" x 3"
Polished Brass .. 8/- each.
C. B. and R. on Brass .. 8/6 "
Bronze Metal Antique .. 9/9 "
Oxidized Silver on
White Metal .. 12/3 "



No. PHS*2440
Size 12½" x 2½"
Polished Brass .. 17/6 each.
C. B. and R. on Brass .. 18/6 "
Bronze Metal Antique .. 20/3 "
Oxidized Silver on
White Metal .. 23/9 "



No. PHS*5543
Size 12" x 3"
Polished Brass .. 8/- each.
C. B. and R. on Brass .. 8/6 "
Bronze Metal Antique .. 9/9 "
Oxidized Silver on
White Metal .. 12/3 "



No. PHS*2405
9" x 3" 12" x 3"
each. each.
Polished Brass .. 1/10 2/3
C. B. and R. on Brass .. 2/- 2/6
Bronze Metal Antique .. 2/- 2/6
Oxidized Silver on Brass 3/- 3/10



No. PHQ 2441
Size 11½" x 3"
Polished Brass .. 11/6 each.
C. B. and R. on Brass .. 12/- "
Bronze Metal Antique .. 13/3 "
Oxidized Silver on
White Metal .. 15/- "



No. PHQ 5549 Registered.
Size 11½" x 3"
Polished Brass .. 8/9 each.
C. B. and R. on Brass .. 9/4 "
Bronze Metal Antique .. 10/6 "
Oxidized Silver on
White Metal .. 12/3 "



No. PHQ 2442
Size 12" x 3"
Polished Brass .. 15/9 each.
C. B. and R. on Brass .. 16/9 "
Bronze Metal Antique .. 18/6 "
Oxidized Silver on
White Metal .. 21/- "



No. PHS*2402
Size 11½" x 3"
Polished Brass .. 2/- each.
C. B. and R. on Brass .. 2/4 "
Bronzed Metal Antique .. 2/10 "
Oxidized Silver on
White Metal .. 4/- "

"B" Basis.

Extra for Chromium Plating Stainless
for any of the above, 3/- each nett.

PHS—Stock Line; PHO—Quick delivery: *Stocked only in Brass and B.M.A.

PRICED EACH.

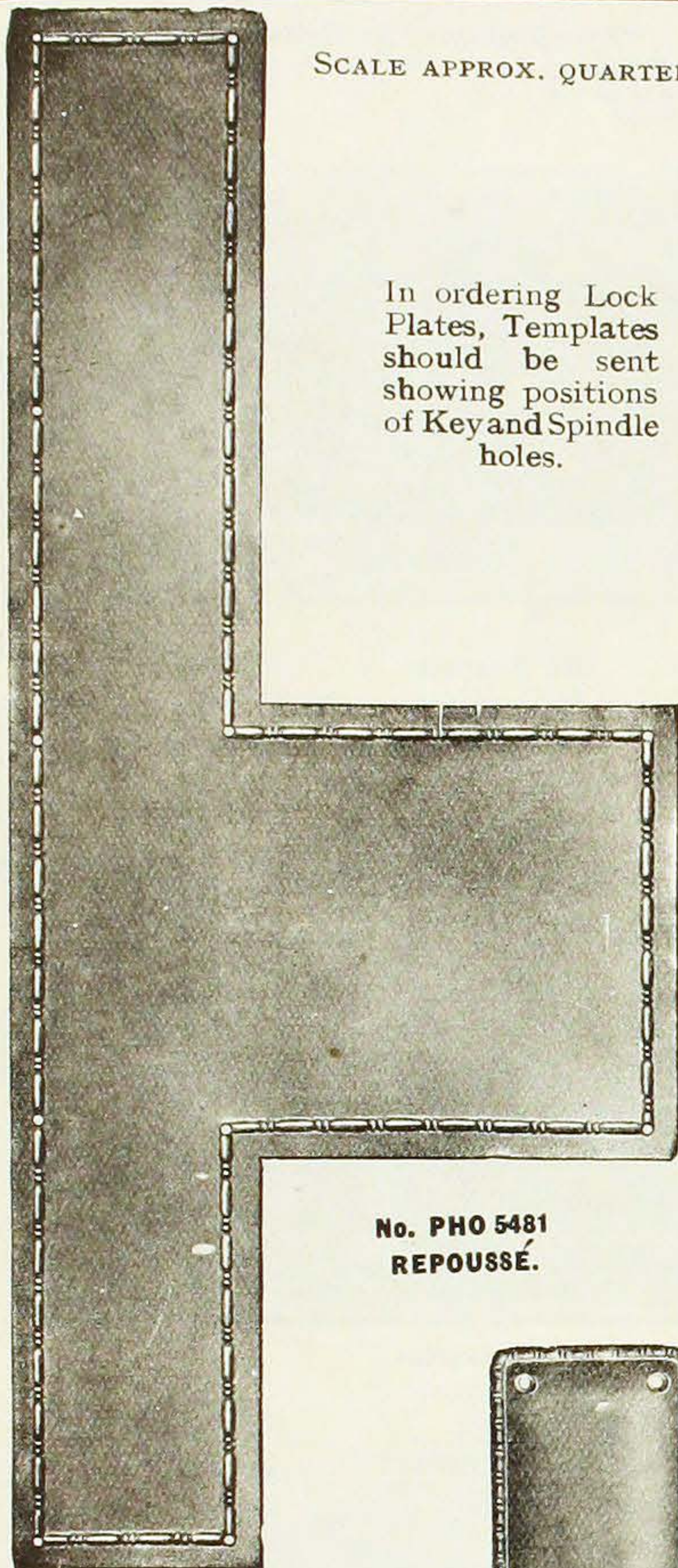
PRICED EACH.

SCALE APPROX. QUARTER SIZE.

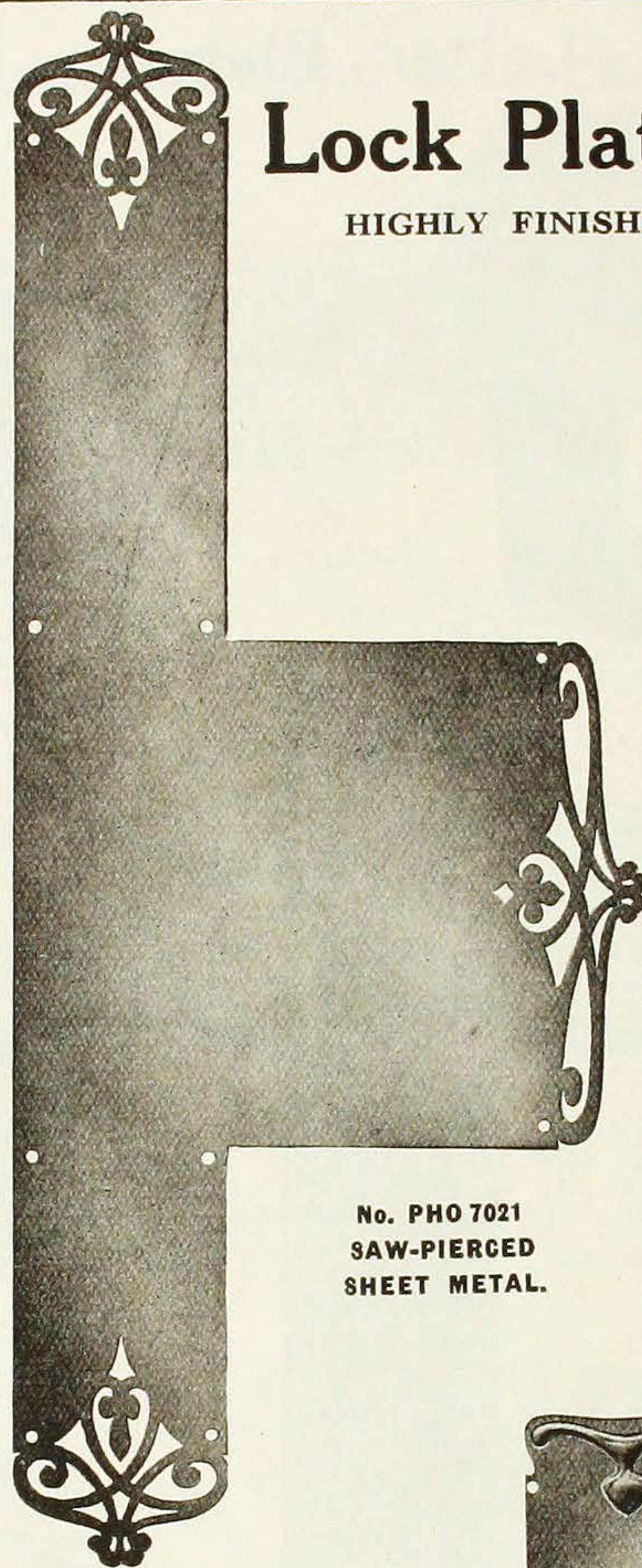
Lock Plates

HIGHLY FINISHED.

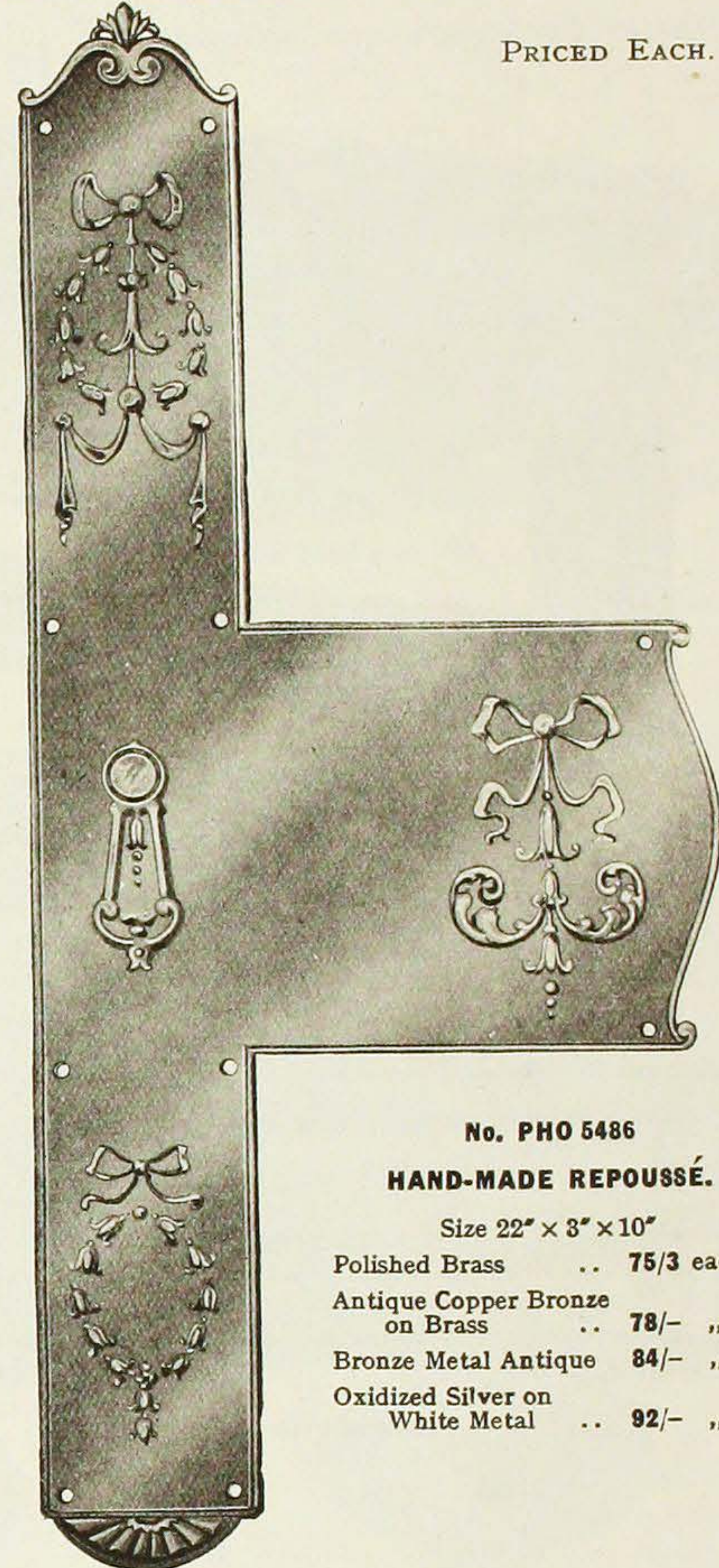
In ordering Lock Plates, Templates should be sent showing positions of Key and Spindle holes.



No. PHO 5481
REPOUSSÉ.



No. PHO 7021
SAW-PIERCED
SHEET METAL.



No. PHO 5486
HAND-MADE REPOUSSÉ.

Size 22" x 3" x 10"

Polished Brass	..	75/3 each
Antique Copper Bronze on Brass	..	78/- "
Bronze Metal Antique	..	84/- "
Oxidized Silver on White Metal	..	92/- "

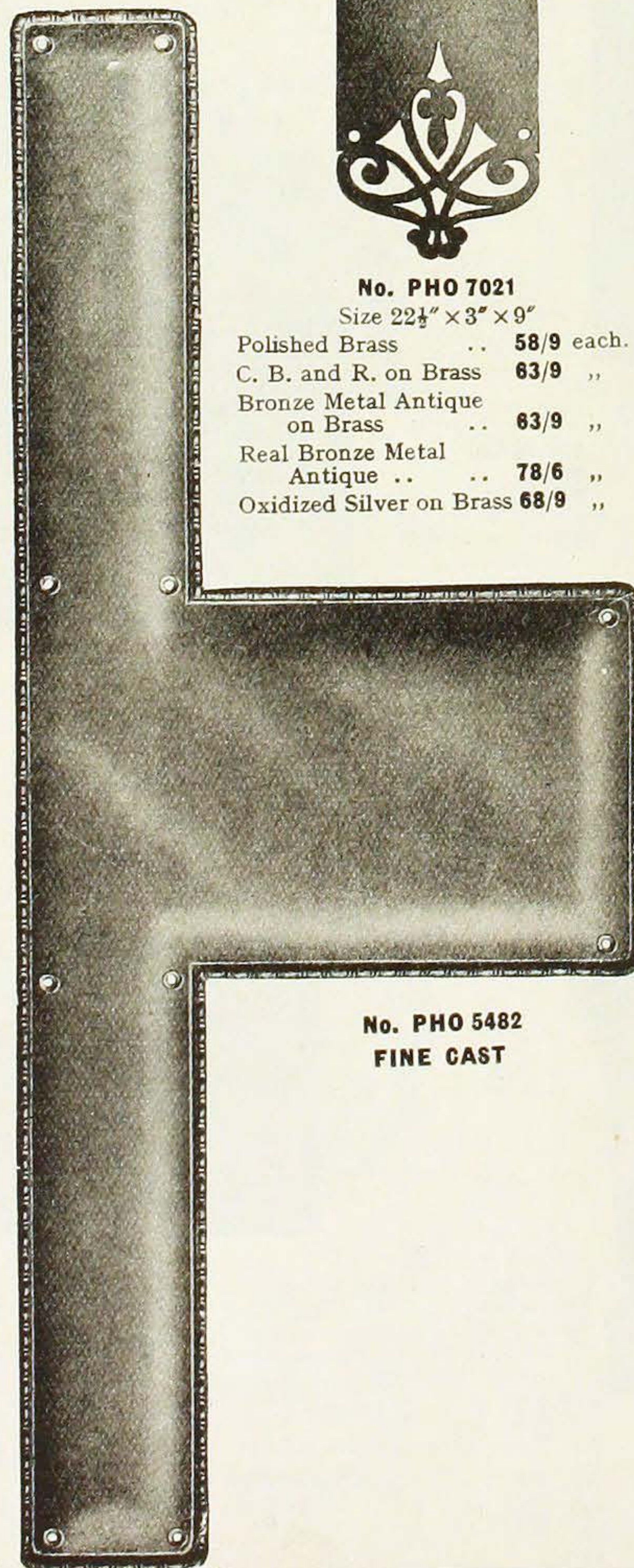
No. PHO 5481
Size 21" x 3 1/2" x 9"

Polished Brass	..	15/9 each.
C. B. and R. on Brass	..	17/3 "
Bronze Metal Antique	..	19/3 "
Oxidized Silver on White Metal	..	24/6 "

No. PHO 7021
Size 22 1/2" x 3" x 9"

Polished Brass	..	58/9 each.
C. B. and R. on Brass	..	63/9 "
Bronze Metal Antique on Brass	..	63/9 "
Real Bronze Metal Antique	..	78/6 "
Oxidized Silver on Brass	..	68/9 "

No. PHO 5486



No. PHO 5482
FINE CAST

No. PHO 5482
Size 23" x 3" x 9 1/2"

Polished Brass	..	57/9 each.
C. B. and R. on Brass	..	60/6 "
Bronze Metal Antique	..	66/6 "
Oxidized Silver on White Metal	..	78/9 "

No. PHO 7020
REPOUSSÉ SHEET METAL.
Size 22" x 3" x 8"

Polished Brass	..	16/- each.
C. B. and R. on Brass	..	20/9 "
Bronze Metal Antique on Brass	..	20/9 "
Real Bronze Metal Antique	..	24/6 "
Oxidized Silver on Brass	..	25/9 "

All PHO—To order only.

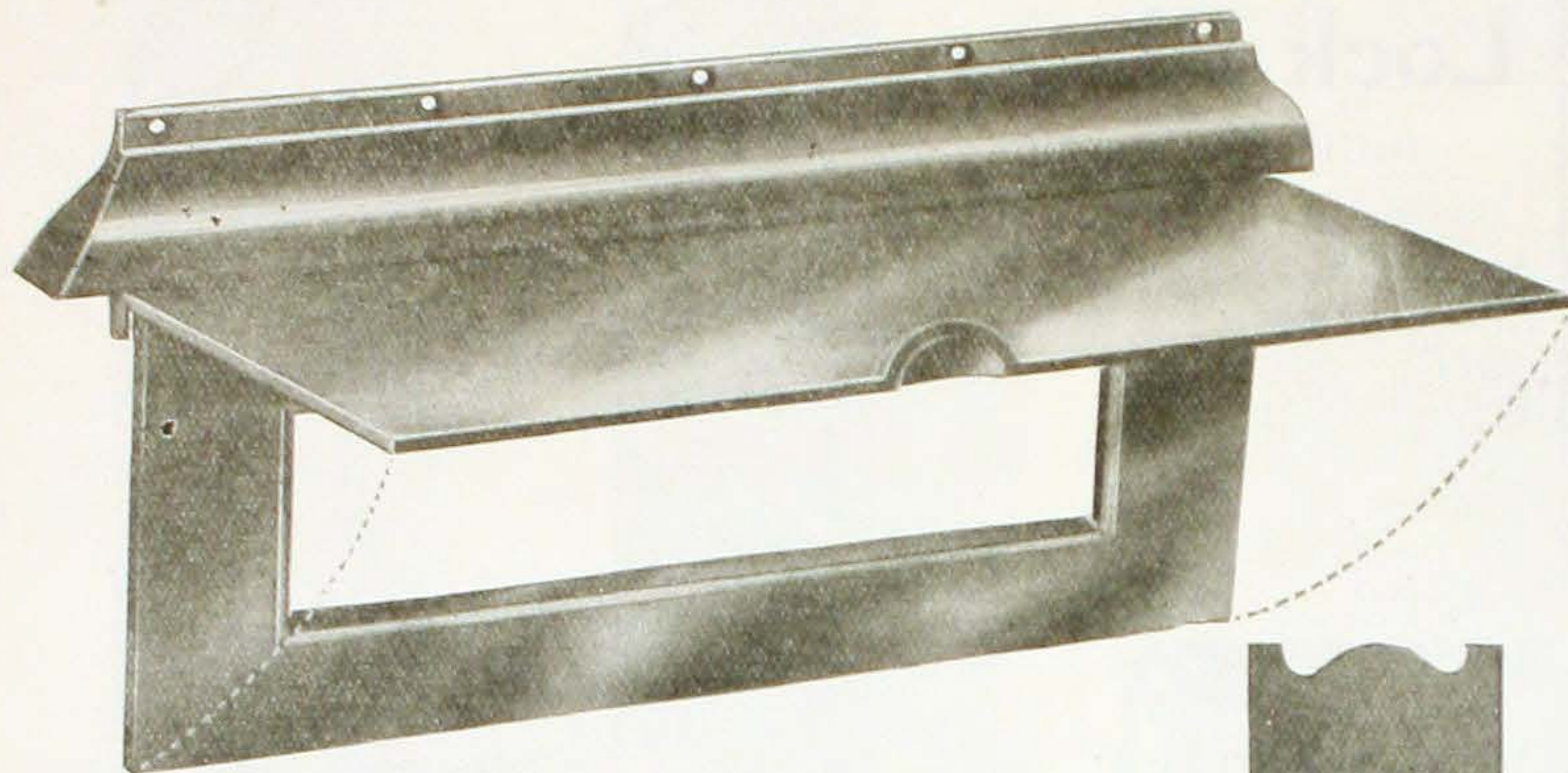
Extra for Chromium Plating Stainless for any of the above, 12/9 each nett.

"B" Bas

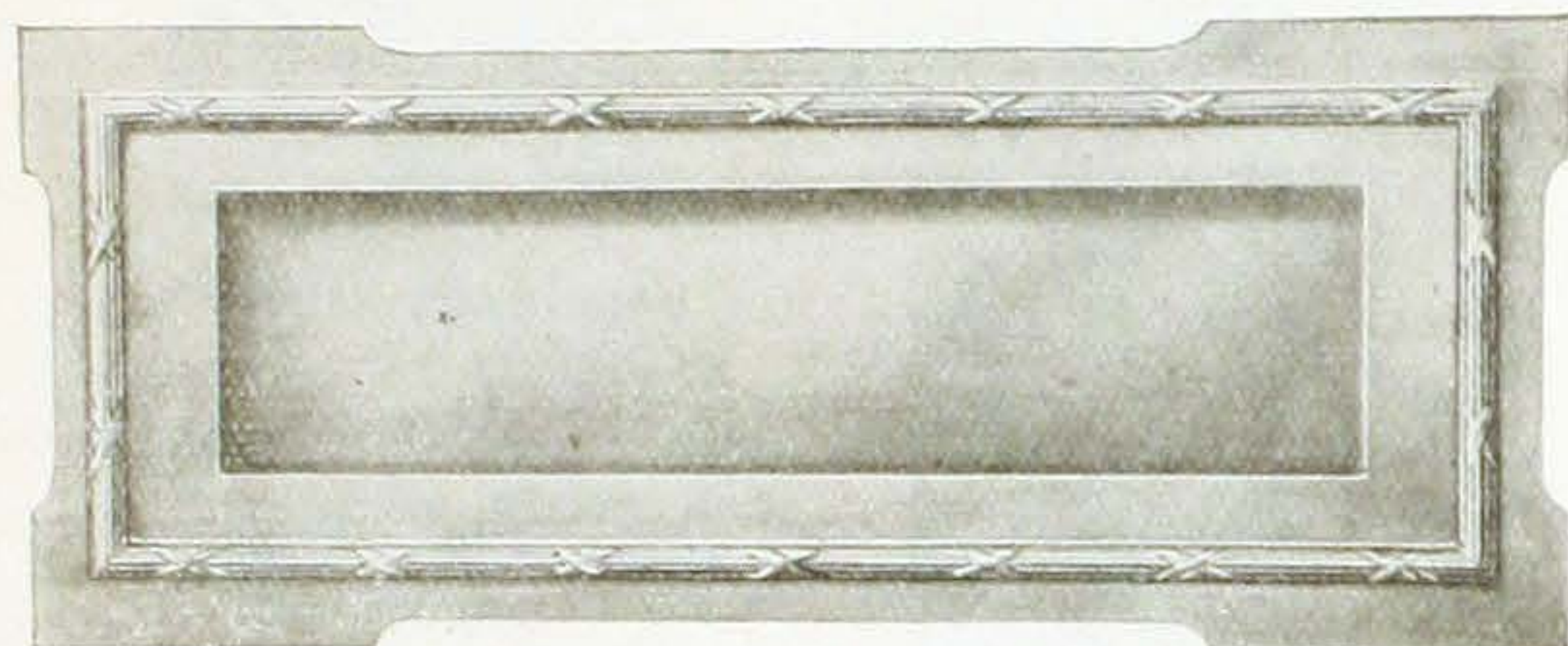
PRICED EACH

Letter Plates

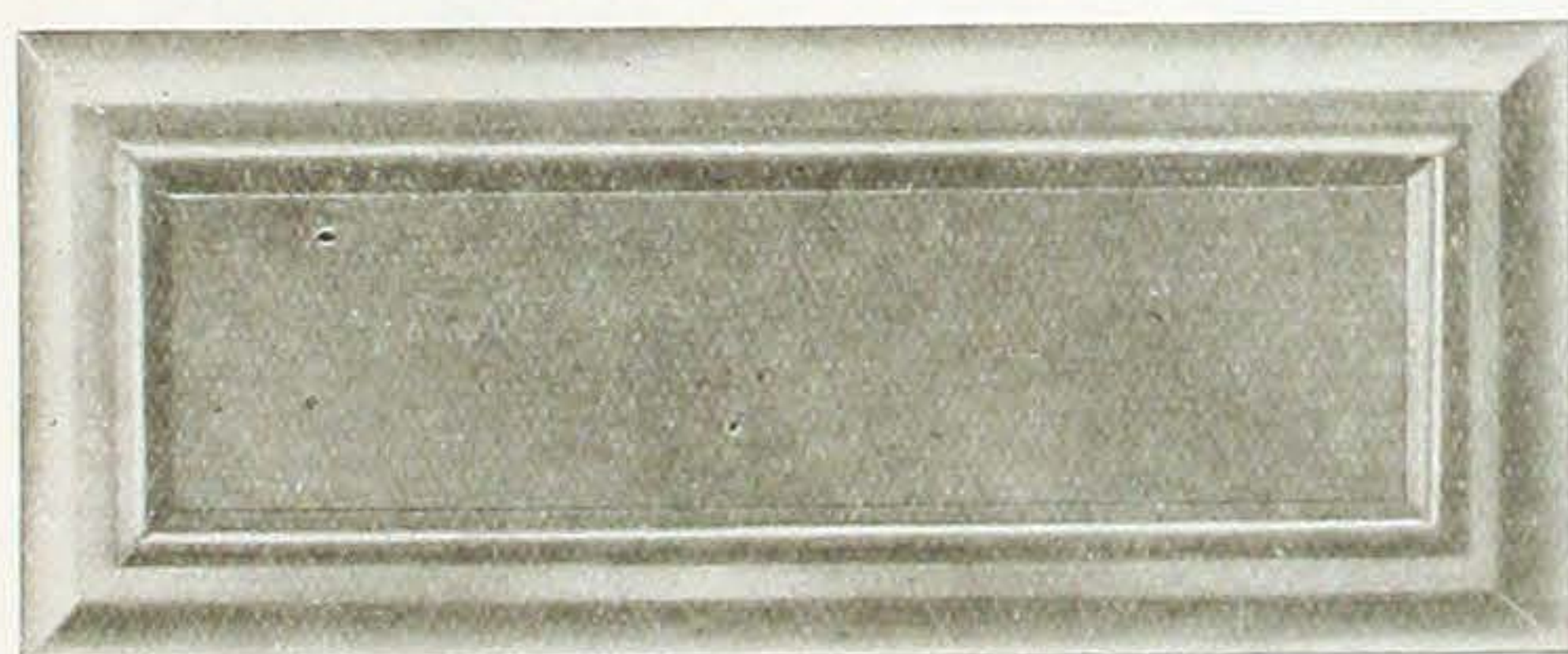
*Stocked only in Brass & B.M.A.



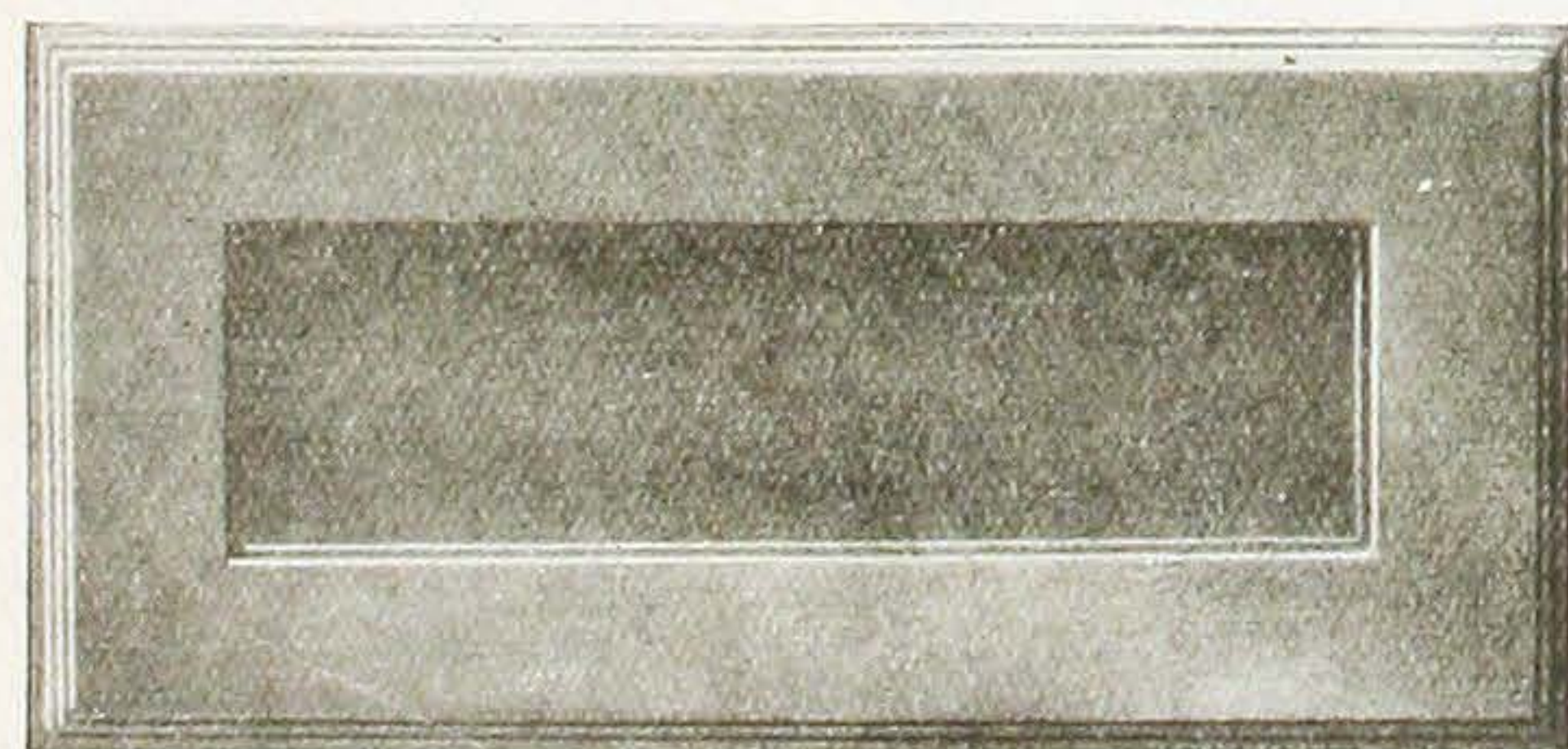
No. PHS*7161					
Size	7"	8"	9"	10"	
Polished Brass	6/9	8/-	11/6	15/-	each.
C. B. and R. on Brass	7/-	8/9	12/3	15/9	"
Bronze Metal Antique	8/-	9/9	13/3	17/6	"
Oxidized Silver on White Metal	9/9	11/6	15/9	21/-	"



No. PHS*7160			
Size 12 1/2" x 4"			
Polished Brass	17/6	each.	
C. B. and R. on Brass	18/6	"	
Bronze Metal Antique	21/-	"	
Oxidized Silver on White Metal	25/6	"	



No. PHS*2644					
Size	6"	6 1/2"	8 1/2"	9 1/2"	
Polished Brass	4/6	5/4	7/2	8/10	each.
C. B. and R. on Brass	5/3	6/2	8/-	10/-	"
Bronze Metal Antique	5/4	6/3	8/3	10/8	"
Oxidized Silver on White Metal	7/9	9/4	12/6	15/6	"



No. PHS*5600				
Size	8 1/2"	10"	12"	
Polished Brass	9/9	12/3	15/-	each.
C. B. and R. on Brass	10/6	13/2	16/3	"
Bronze Metal Antique	12/3	15/-	17/6	"
Oxidized Silver on White Metal	15/-	17/6	22/-	"



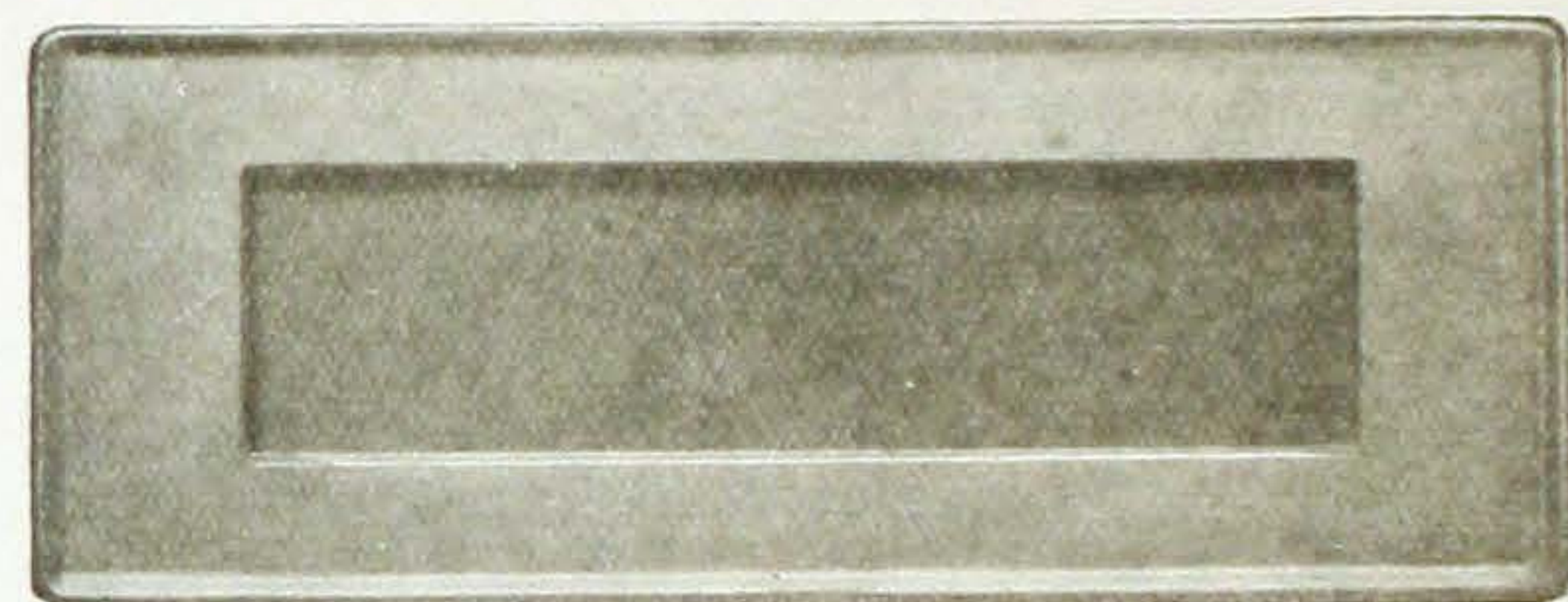
No. PHS*9165		
Size 11" x 2 1/4"		
Polished Brass	8/-	each.
C. B. and R. on Brass	8/9	"
Bronze Metal Antique	9/9	"
Oxidized Silver on White Metal	12/3	"



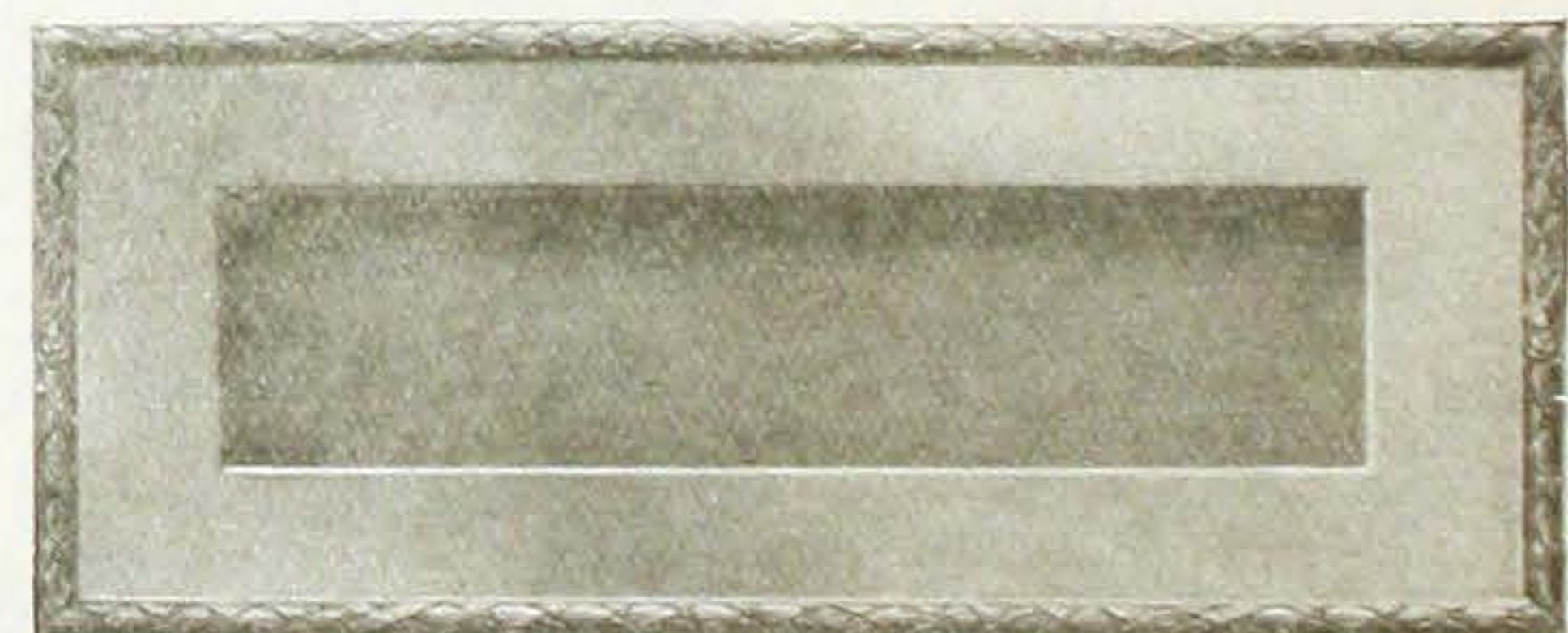
No. PHS*5608		
Size 9 1/8" x 2 1/8"		
Polished Brass	12/-	each.
C. B. and R. on Brass	12/-	"
Bronze Metal Antique	10/6	"



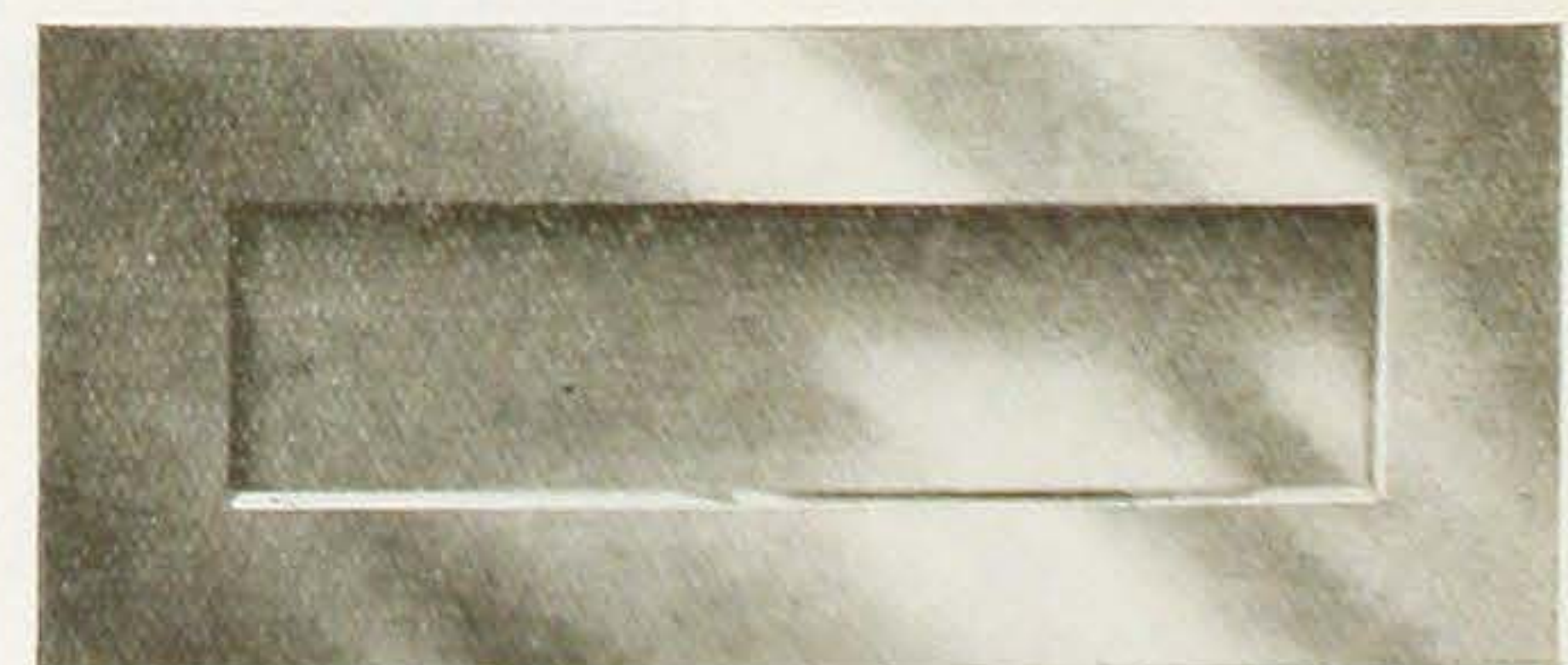
No. PHS*2590			
Size 10" x 3 1/4"			
Polished Brass	15/9	each.	
C. B. and R. on Brass	16/9	"	
Bronze Metal Antique	18/6	"	
Oxidized Silver on White Metal	22/-	"	



No. PHS*5601			
Size 9" x 3 1/4"			
Polished Brass	10/3	each.	
C. B. and R. on Brass	11/-	"	
Bronze Metal Antique	13/3	"	
Oxidized Silver on White Metal	16/9	"	



No. PHS*5604				
Size 8 1/4" x 3 1/4"				
Polished Brass	14/6	each.		
C. B. and R. on Brass	15/6	"		
Bronze Metal Antique	16/9	"		
Oxidized Silver on White Metal	21/-	"		



No. PHS*2501							
Size	5 1/2"	6"	7"	8"	9"	10"	12"
Polished Brass	3/-	3/4	4/2	5/3	6/3	6/6	9/- each.
C. B. and R. on Brass	3/9	4/2	4/10	6/-	7/-	7/6	9/9 "
B. M. A.	4/-	4/6	5/3	6/6	7/6	7/9	10/3 "
Oxidized Silver on White Metal	5/6	6/-	6/8	7/6	9/-	9/3	12/3 "

"B" Basis.

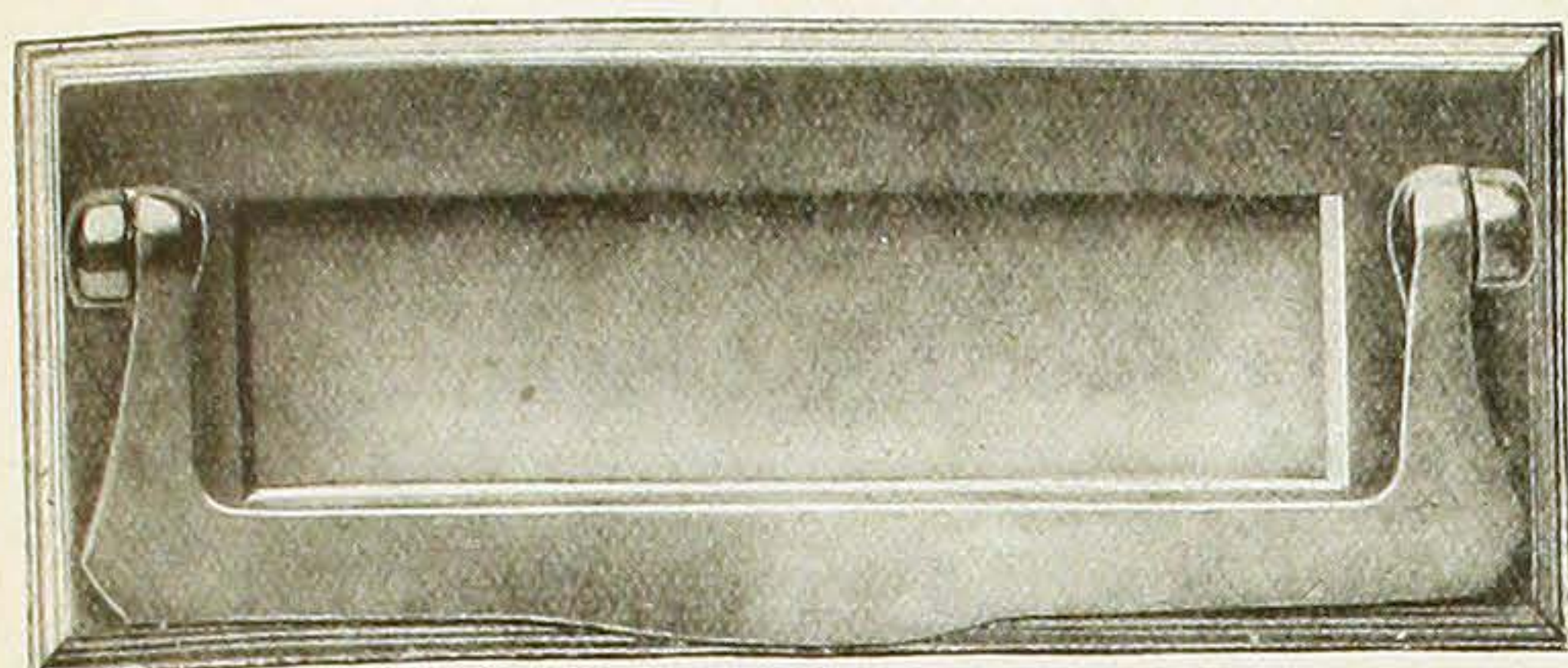
Extra for Chromium Plating Stainless, 6/- each nett.

All PHS—*Stocked only in Brass & B.M.A.

PRICED EACH.

Letter Plates, Postal Knockers, etc.

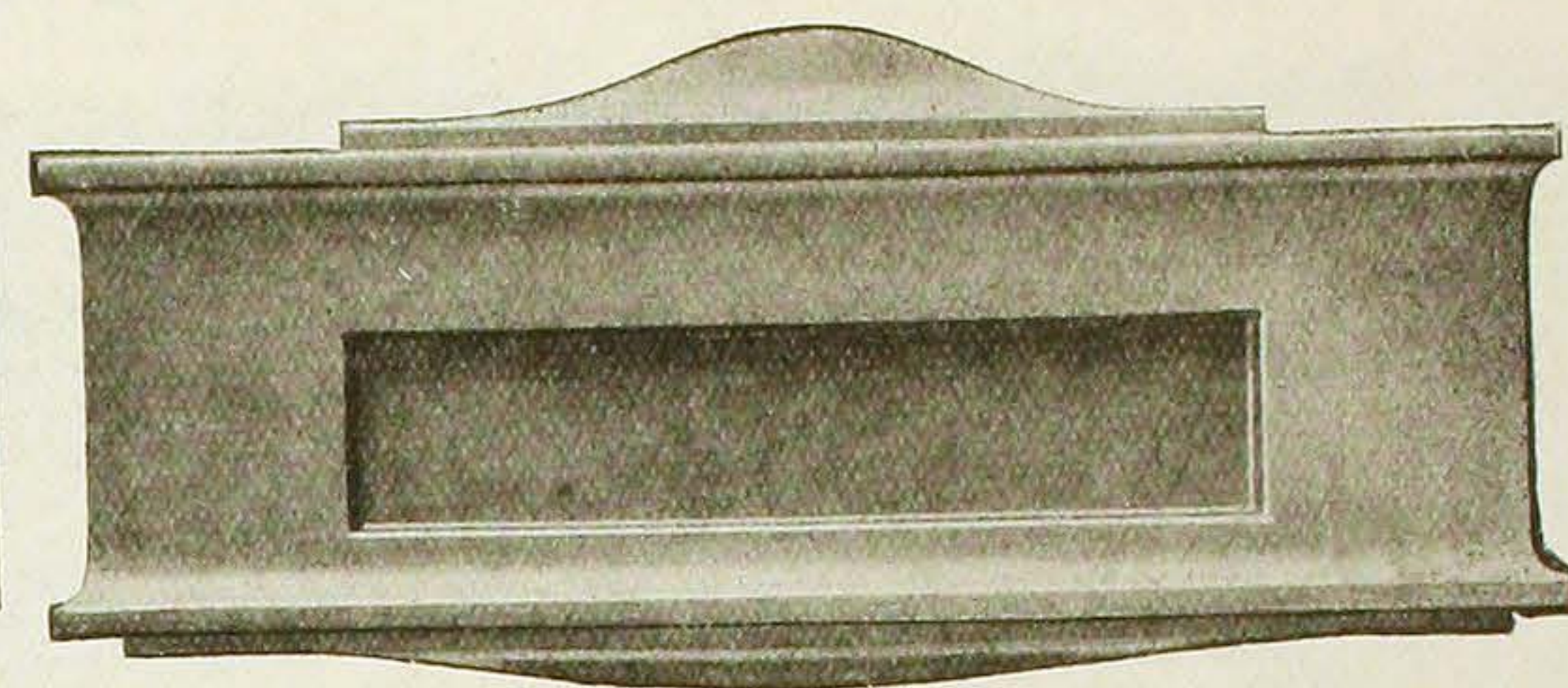
*Stocked only in Brass and B.M.A.



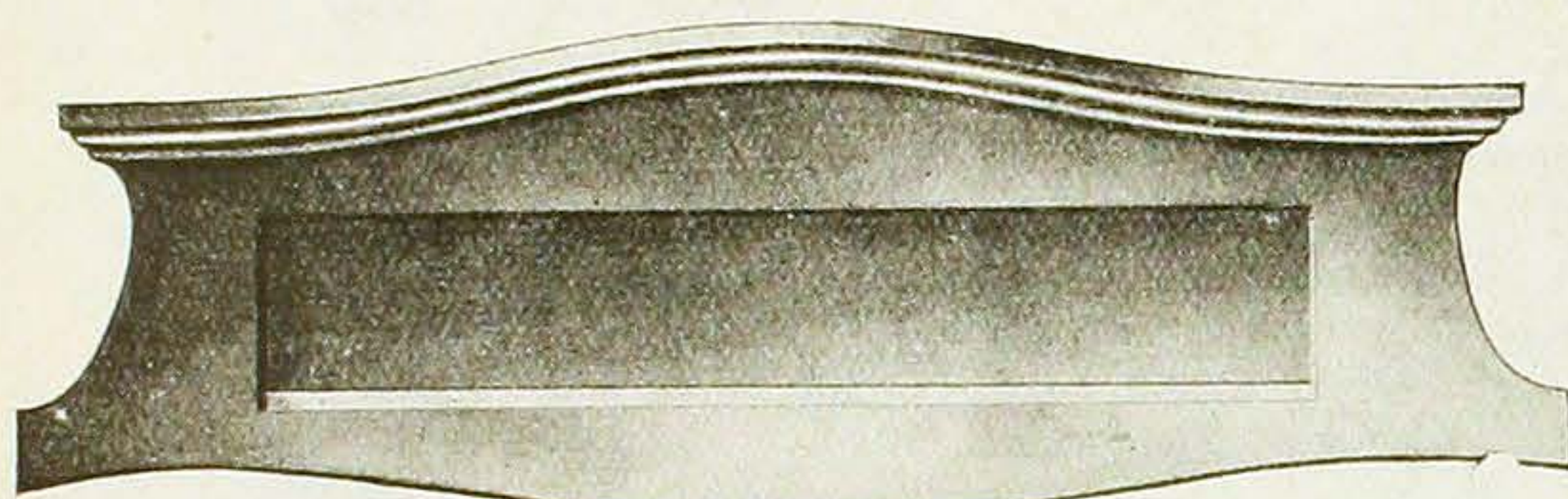
No. PHQ*9262		Size 8 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "	
Polished Brass	..	..	15/- each.
C. B. and R. on Brass	..	..	16/9 "
Bronze Metal Antique	..	..	18/6 "



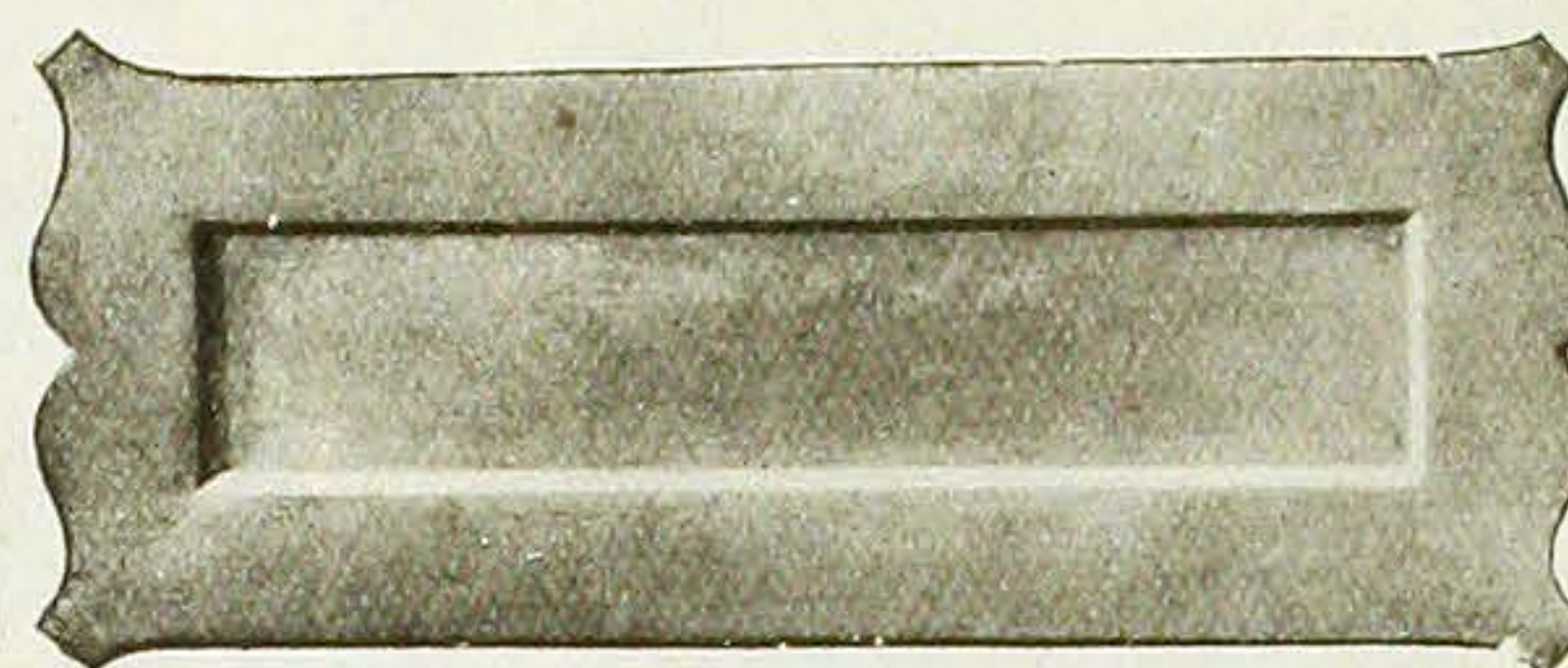
No. PHS*2451		7"	8"	9"	10"	
Polished Brass	..	6/6	8/-	11/6	15/-	each.
C. B. and R. on Brass	..	7/-	8/9	12/3	15/9	"
Bronze Metal Antique	..	8/-	9/8	13/3	17/6	"
Oxidized Silver on White Metal	..	9/9	11/6	15/9	21/-	"



No. PHS*2591		(Registered).		9 $\frac{1}{2}$ "	12"	
Polished Brass	..	..	..	12/3	15/9	each.
C. B. and R. on Brass	..	..	..	13/3	17/6	"
Bronze Metal Antique	..	..	..	14/-	18/6	"
Oxidized Silver on White Metal	..	..	..	17/6	22/9	"



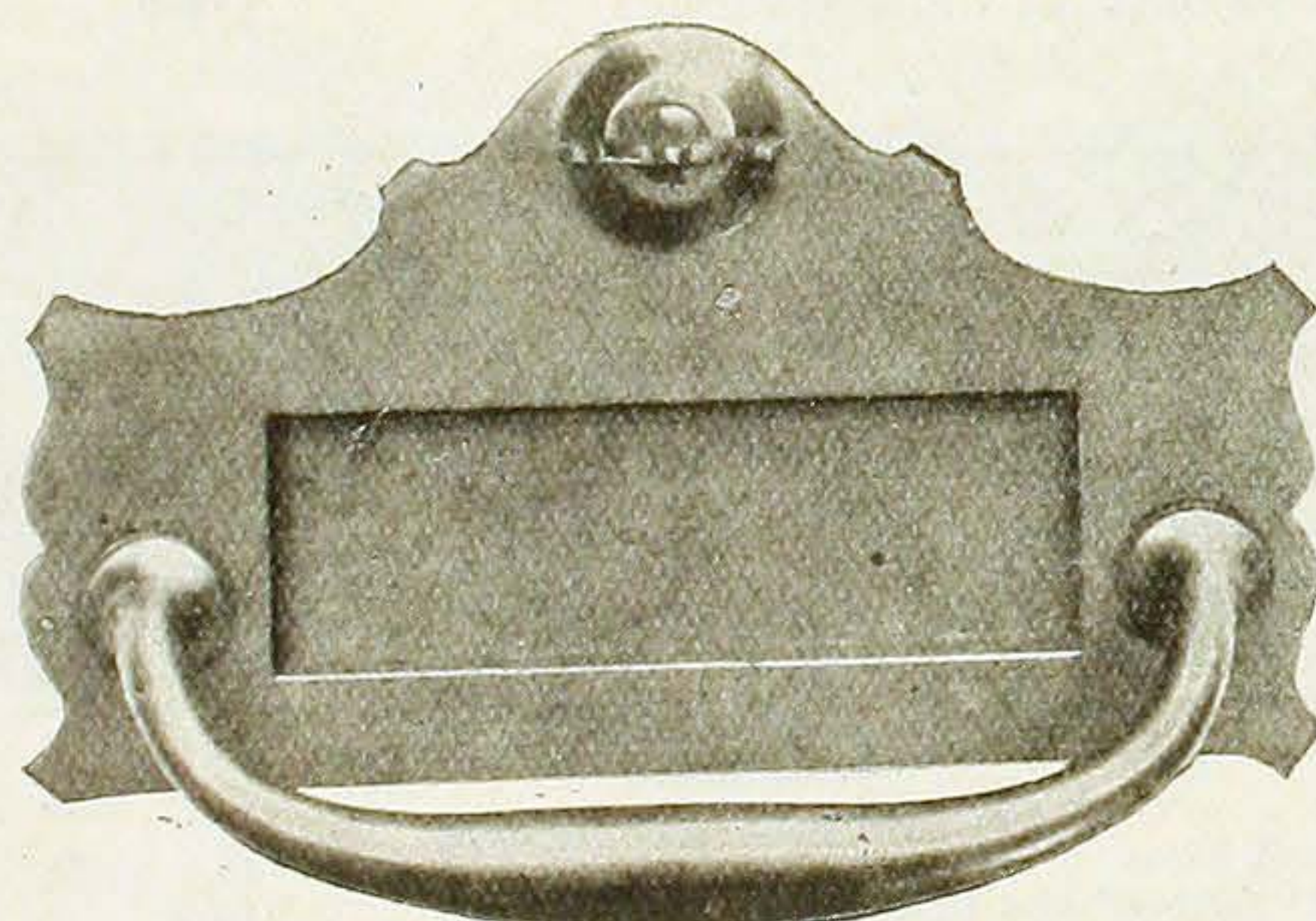
No. PHS*5605		Registered.		Size 9 $\frac{1}{2}$ " x 3"	
Polished Brass	..	..	..	12/6	each.
Bronze Metal	..	..	..	15/6	"
Bronze Metal Antique	..	..	..	15/6	"
Oxidized Silver	..	..	..	15/6	"
White Metal	..	..	..	18/6	"



No. PHS*2504		7"	8"	9"	10"	12"	
Polished Brass	..	6/6	7/-	8/9	10/6	12/9	each.
C. B. and R. on Brass	..	7/-	7/9	9/9	11/6	14/-	"
Bronze Metal Antique	..	8/-	8/9	11/6	13/3	15/9	"
Oxidized Silver on White Metal	..	9/9	11/6	14/-	16/9	20/3	"



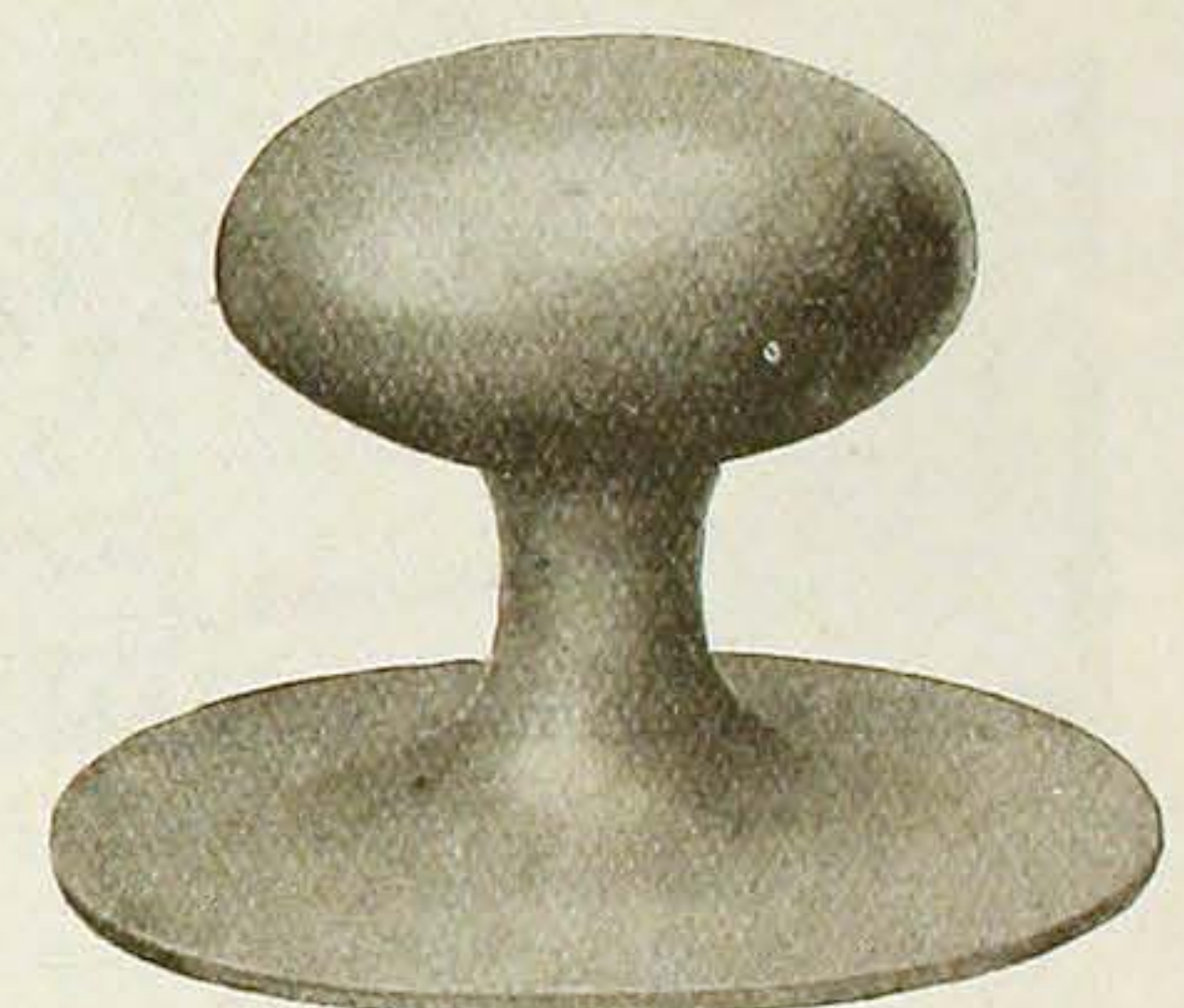
No. PHQ 9263		Size 8 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "		
Polished Brass	..	..	..	8/6 each.
C. B. and R. on Brass	..	..	..	9/9 "
Bronze Metal Antique	..	..	..	10/6 "



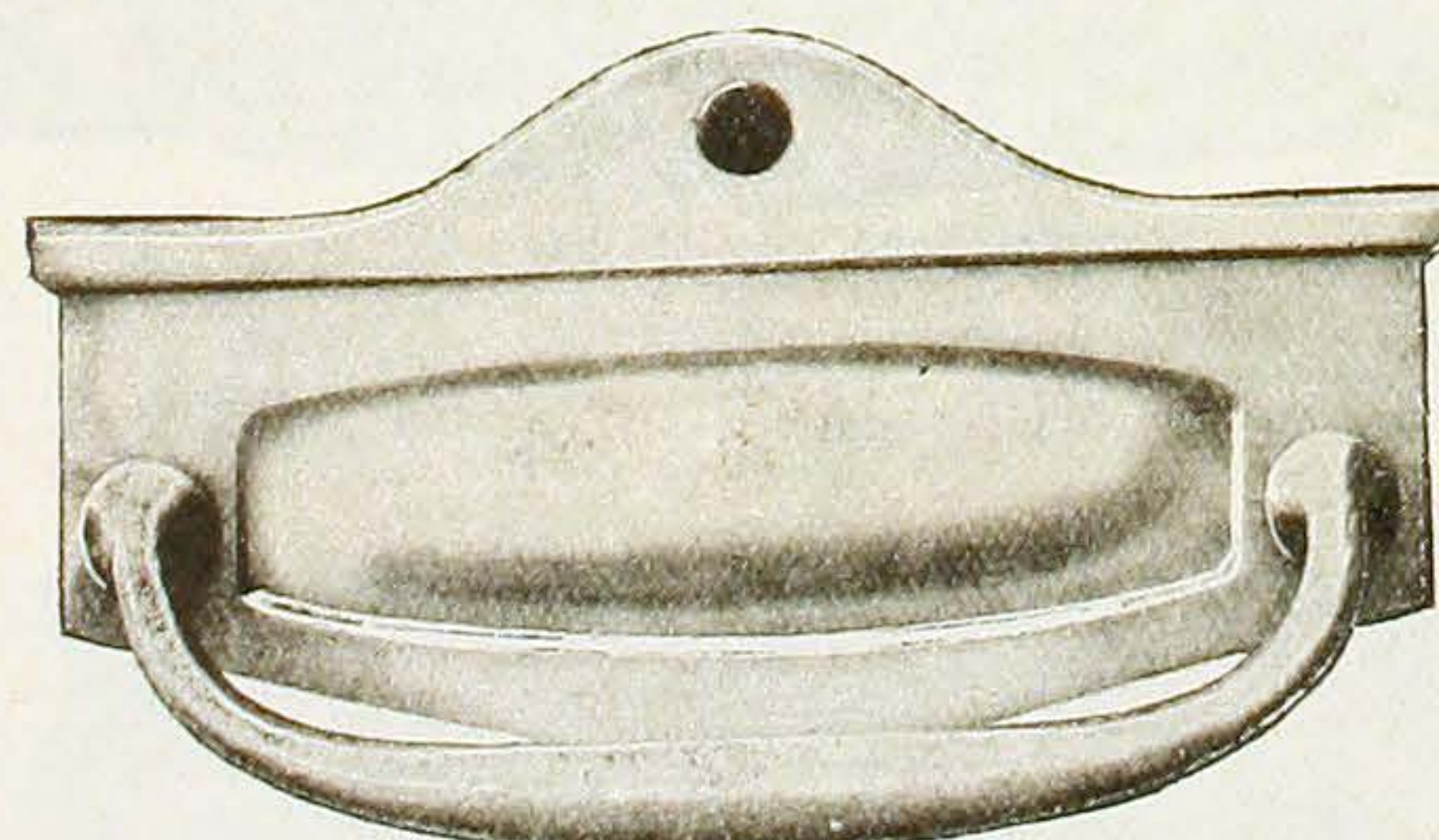
No. PHS*9264		Size 7 $\frac{1}{2}$ " x 4 $\frac{1}{8}$ "		
No. PHS*9264 Postal Handle with Bell	Brass	..	..	14/9
	C. B. and R. on Brass	..	..	16/3
	Bronze Metal Antique	..	..	17/9
No. PHS*9265 Letter Plate With Bell	Brass	..	..	12/9
	C. B. and R. on Brass	..	..	13/6
	Bronze Metal Antique	..	..	15/3
		With Push Bell Brass Dome.	With Push Bell Nickel Plated Steel Dome.	With Turn Bell Antique Coppered Steel Dome.
		14/9	14/-	11/9 each.
		16/3	15/3	13/3 "
		17/9	17/-	14/9 "
		12/9	11/9	9/6 "
		13/6	12/9	10/6 "
		15/3	14/3	12/3 "



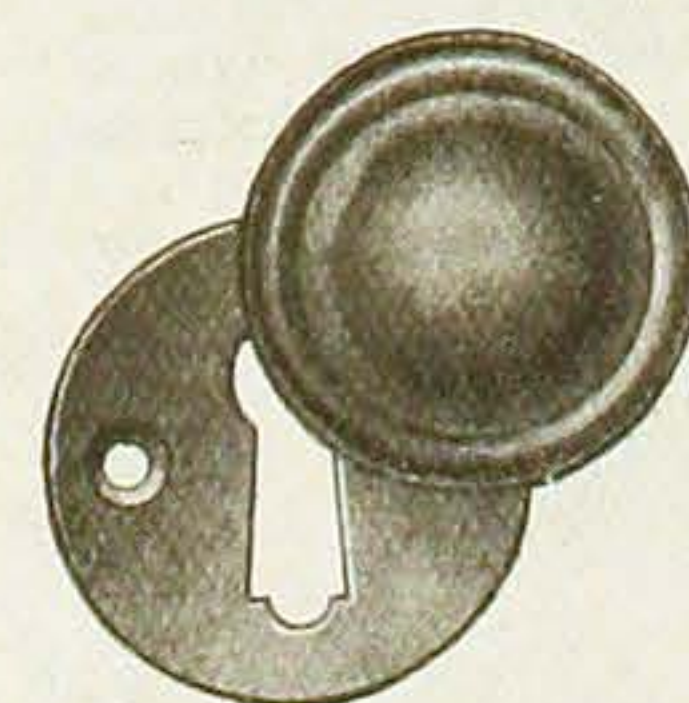
No. PHS*6918		Size 2 $\frac{1}{2}$ "		
Pitt's Mortice	..	10/6	12/-	13/3 set.
Mace's Rim	..	10/2	11/8	12/10 "
Pitt's Rim	..	..	..	..
		Pol. C. B. & R. Metal	Bronze	Brass. on Brass. Antique.



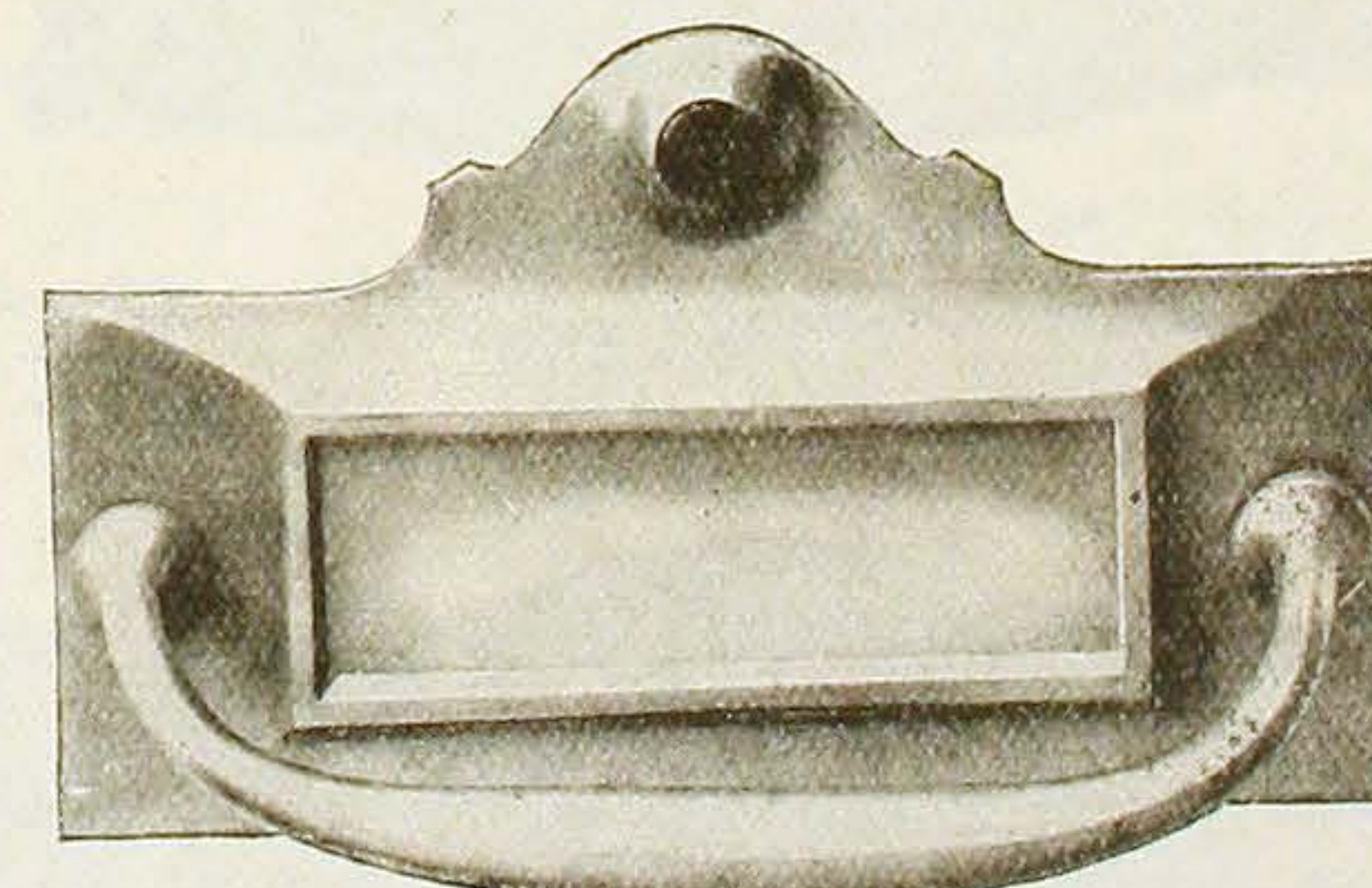
No. PHS*9274		Centre Door Knob.		
		Knob 2 $\frac{1}{2}$ "	Oval Rose, 3 $\frac{1}{2}$ "	
Polished Brass	..	..	..	5/2 each.
C. B. and R. on Brass	..	..	..	5/8 "
Bronze Metal Antique	..	..	..	6/2 "



No. PHS*9266		Size 8 $\frac{1}{4}$ " x 4 $\frac{1}{4}$ "		
No. PHS*9266 Postal Handle with Bell	Brass	..	..	14/9
	C. B. and R. on Brass	..	..	16/3
	Bronze Metal Antique	..	..	17/9
No. PHS*9267 Letter Plate with Bell	Brass	..	..	12/9
	C. B. and R. on Brass	..	..	13/6
	Bronze Metal Antique	..	..	15/3
		With Push Bell Brass Dome.	With Push Bell Nickel Plated Steel Dome.	With Turn Bell Antique Coppered Steel Dome.
		14/9	14/-	11/9 each.
		16/3	15/3	13/3 "
		17/9	17/-	14/9 "
		12/9	11/9	9/6 "
		13/6	12/9	10/6 "
		15/3	14/3	12/3 "



Escutcheon included with above Furniture.



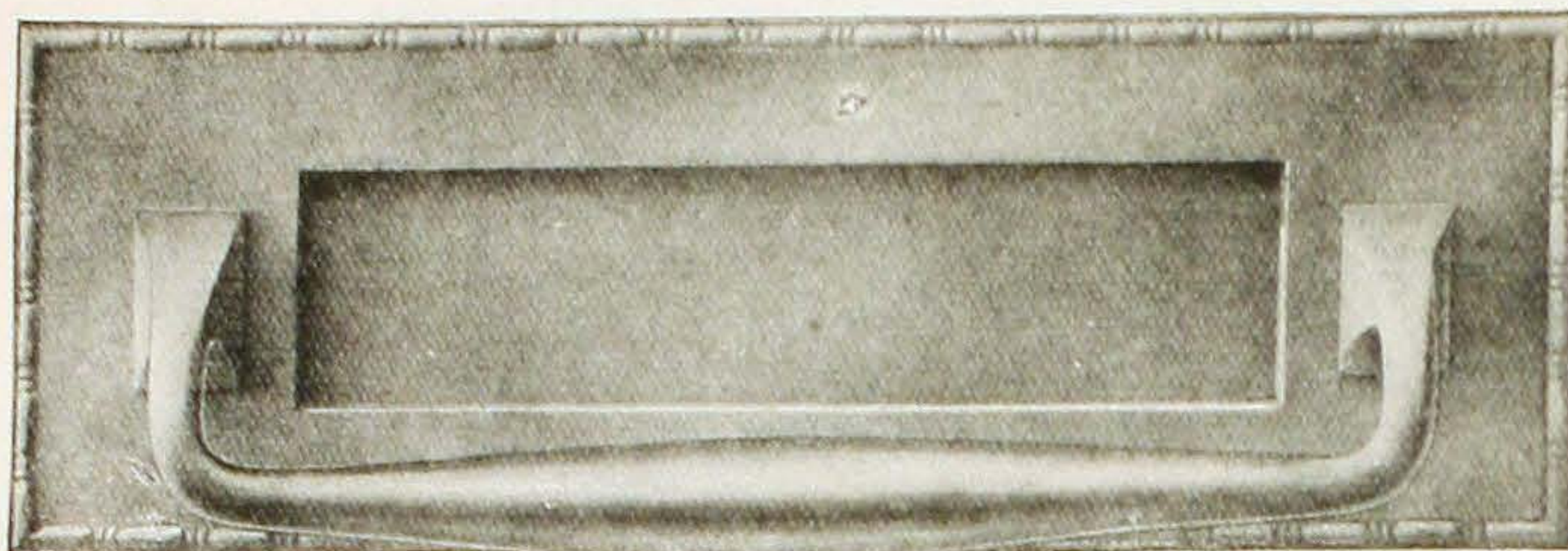
No. PHS*9268		Size 7 $\frac{1}{2}$ " x 4 $\frac{1}{8}$ "		
No. PHS*9268 Postal Handle with Bell	Brass	..	..	14/9
	C. B. and R. on Brass	..	..	16/3
	Bronze Metal Antique	..	..	17/9
No. PHS*9269 Letter Plate with Bell	Brass	..	..	12/9
	C. B. and R. on Brass	..	..	13/6
	Bronze Metal Antique	..	..	15/3
		With Push Bell Brass Dome.	With Push Bell Nickel Plated Steel Dome.	With Turn Bell Antique Coppered Steel Dome.
		14/9	14/-	11/9 each.
		16/3	15/3	13/3 "
		17/9	17/-	14/9 "
		12/9	11/9	9/6 "
		13/6	12/9	10/6 "
		15/3	14/3	12/3 "

PHS—*Stocked only in Brass and B.M.A. ; PHQ—Quick delivery.

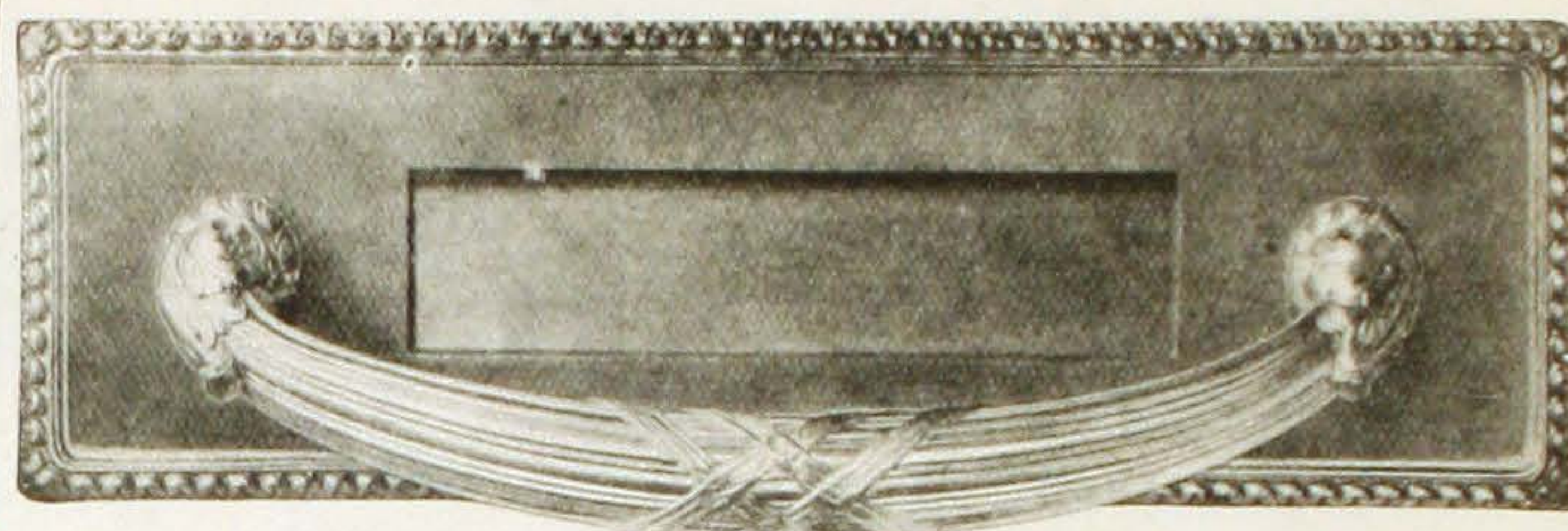
" B " Bas

Postal Handles

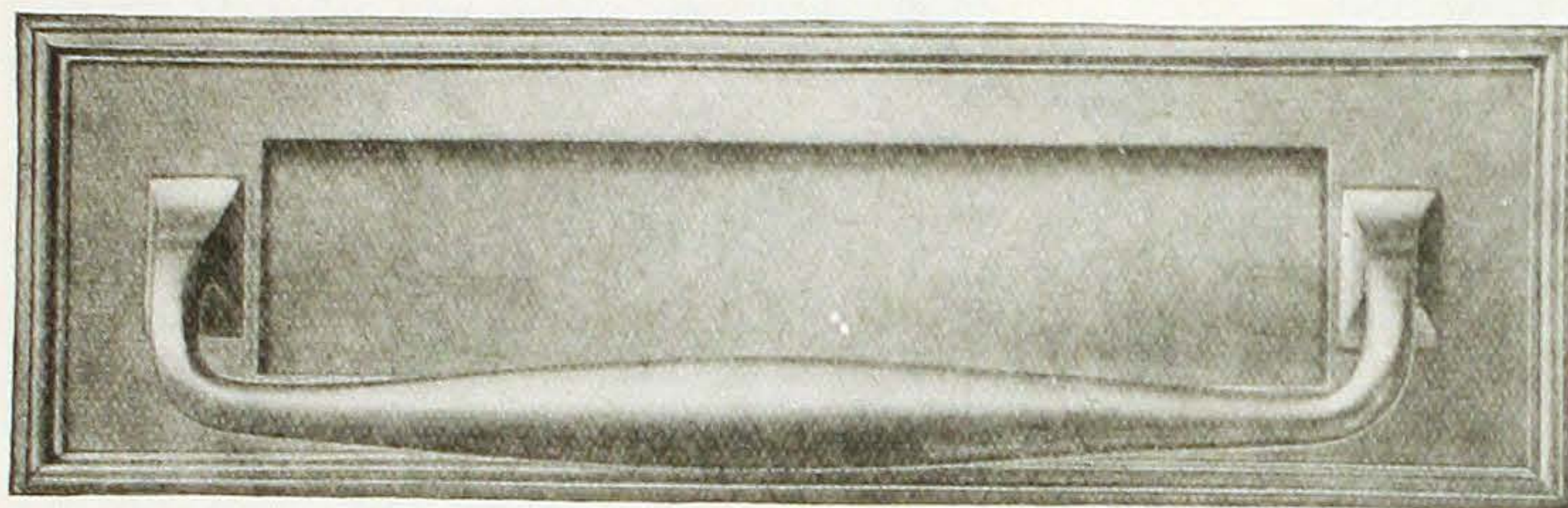
PRICED EACH.



No. PHO 7143 Size 12" x 4 1/2".
 Polished Brass 27/3 each.
 Copper Bronzed and Relieved on Brass 29/- "
 Bronze Metal Antique 31/6 "
 Oxidized Silver on White Metal 36/9 "



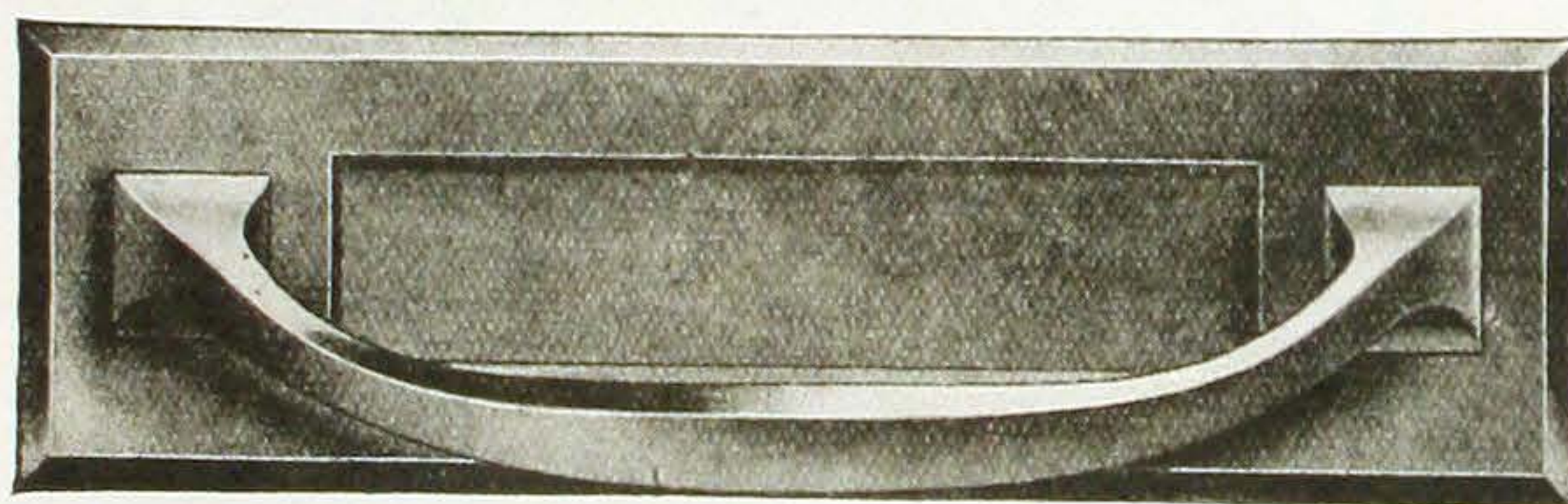
No. PHO 7146 Size 12 1/2" x 3 1/2".
 Polished Brass 65/9 each.
 Copper Bronzed and Relieved on Brass 68/3 "
 Bronze Metal Antique 70/- "
 Oxidized Silver on White Metal 77/- "



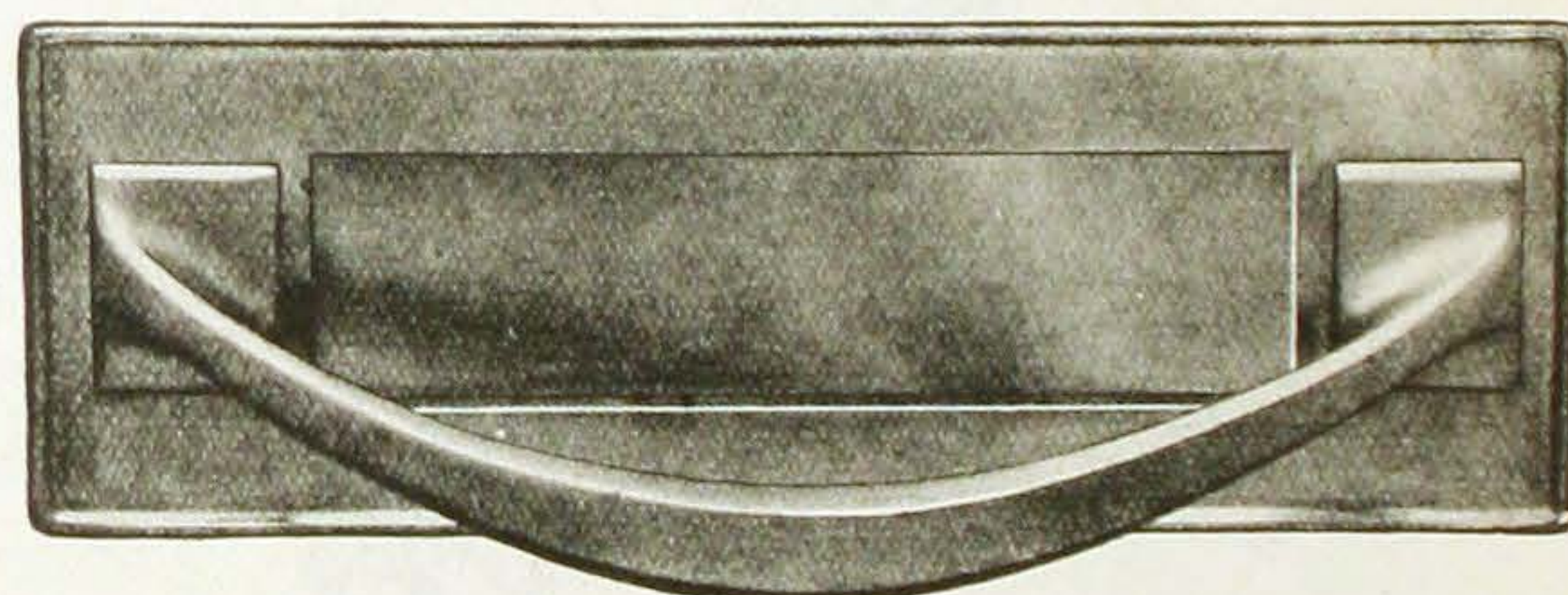
No. PHO 7142 Size 13" x 4" overall.
 Polished Brass 30/9 each.
 Antique Copper Bronzed and Relieved 32/6 "
 Bronze Metal Antique 35/- "
 Oxidized Silver on White Metal 42/- "



No. PHO 7144 Size 10 1/2" x 3".
 Polished Brass 14/- each.
 Copper Bronzed and Relieved on Brass 15/6 "
 Bronze Metal Antique 17/3 "
 Oxidized Silver on White Metal 19/9 "



No. PHS 7145 Size 10 1/2" x 3 1/2".
 Polished Brass 12/3 each.
 Antique Copper Bronzed and Relieved on Brass 13/3 "
 Bronze Metal Antique 14/- "
 Oxidized Silver on White Metal 21/- "

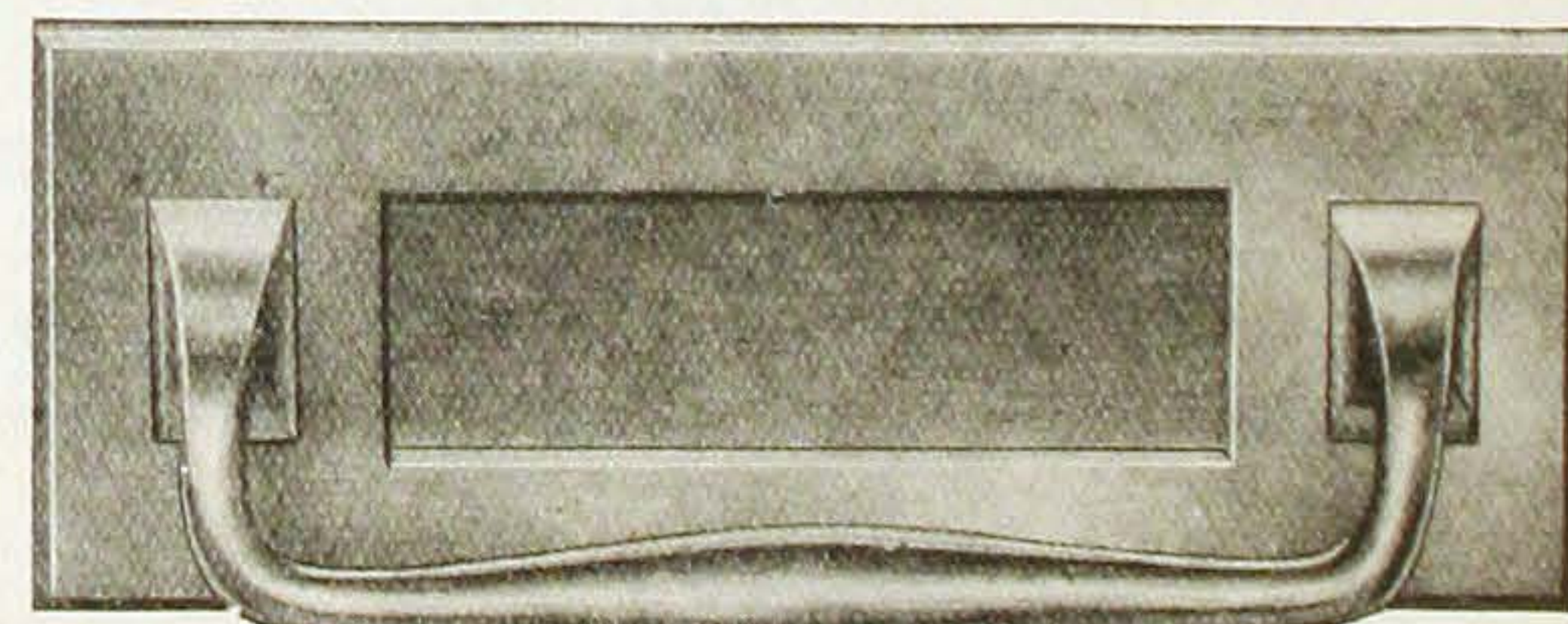


No. PHS 5592 Size 10" x 3 1/2".
 Polished Brass 15/- each.
 Copper Bronzed and Relieved on Brass 15/9 "
 Bronze Metal Antique 17/6 "
 Oxidized Silver on White Metal 20/3 "

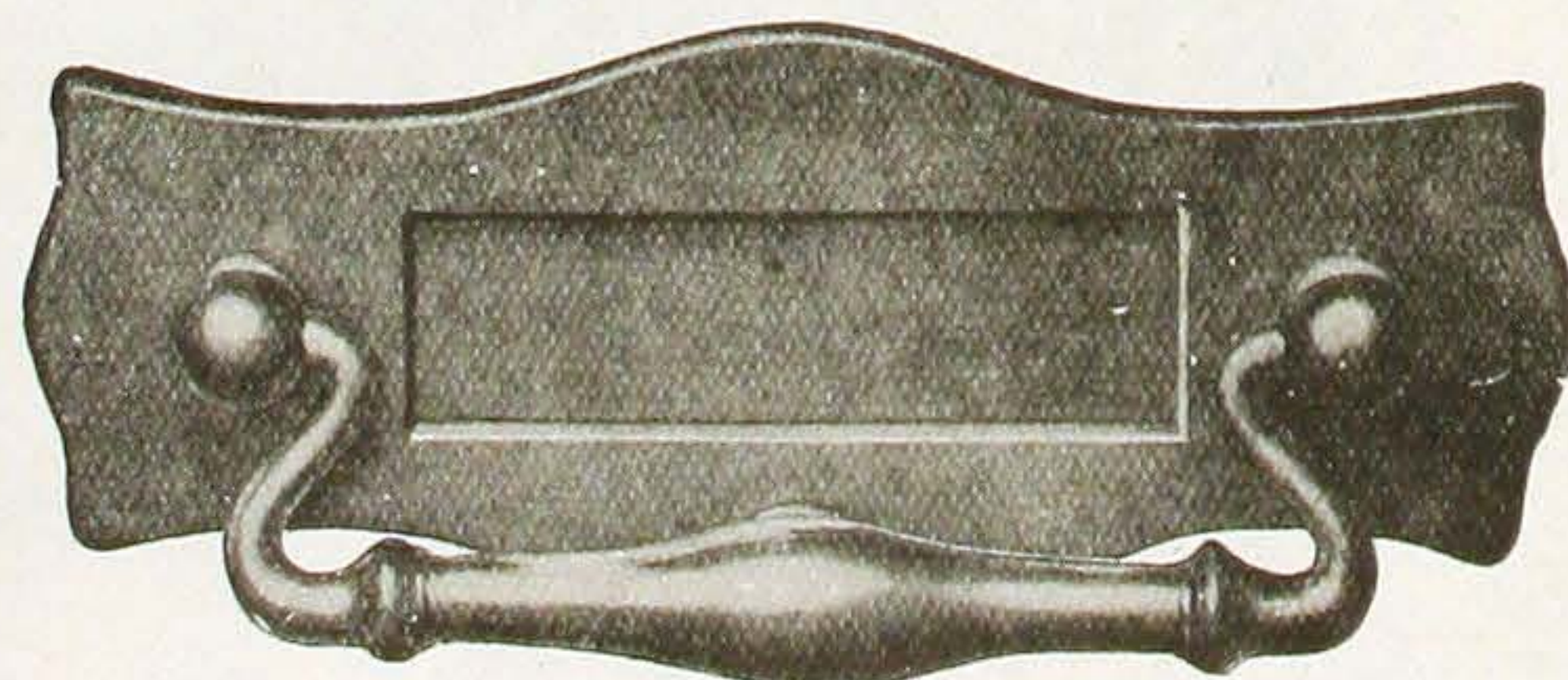


No. PHS 2462 Size 8 1/2" x 3 1/2".
 Polished Brass 8/9 each.
 Copper Bronzed and Relieved on Brass 9/9 "
 Bronze Metal Antique 12/3 "
 Oxidized Silver on White Metal 15/- "

Extra for
Chromium Plating
Stainless for these
Four Lower Patterns,
7/6 each nett.
Remainder pro rata.



No. PHS 5593 Size 9" x 3 1/2".
 Polished Brass 13/3 each.
 Copper Bronzed and Relieved on Brass 14/- "
 Bronze Metal Antique 15/9 "
 Oxidized Silver on White Metal 18/6 "



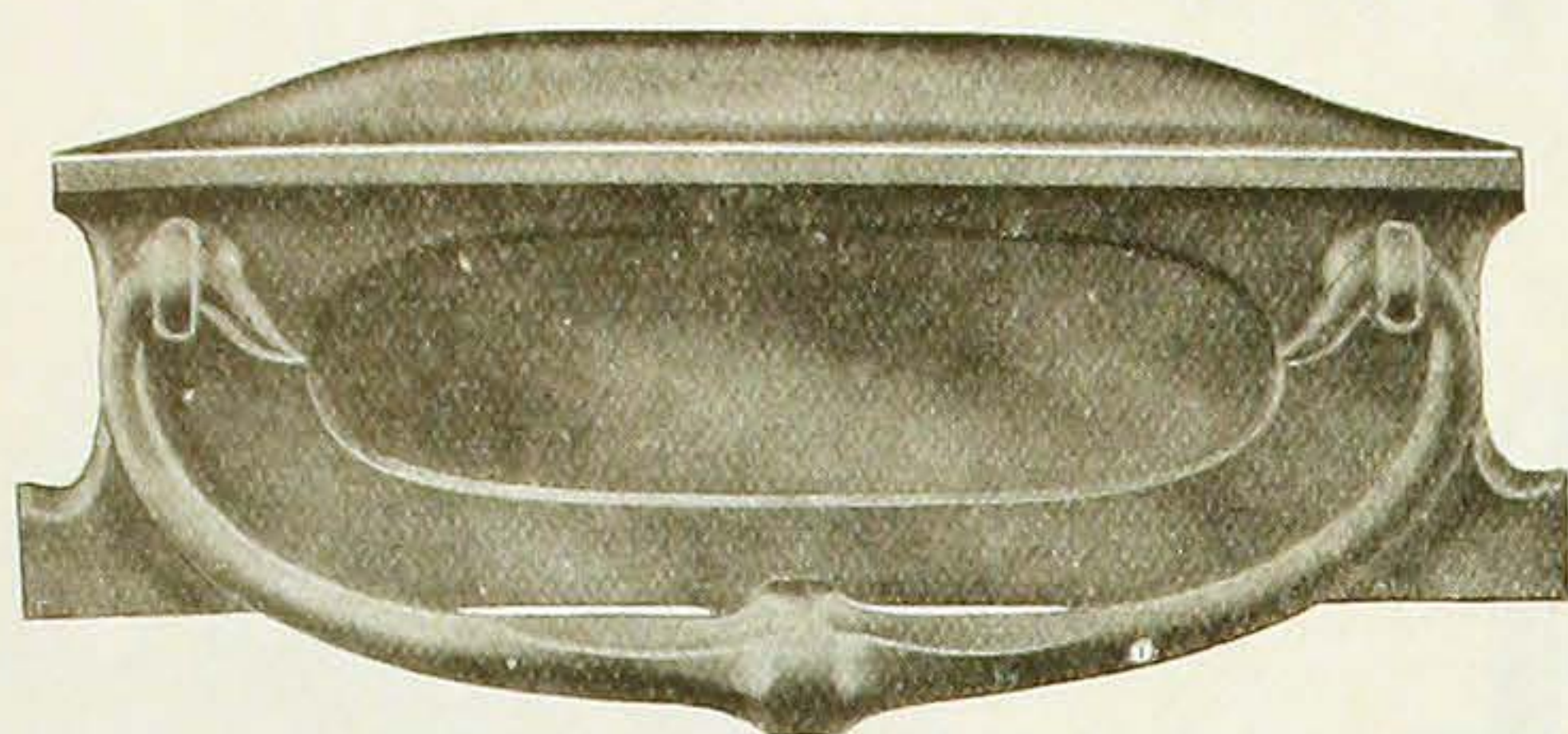
No. PHS 2474 (To Knock).
 Polished Brass 7 1/2" 9"
 Copper Bronzed and Relieved on Brass 6/6 8/9 each.
 Bronze Metal Antique 7/- 9/9 "
 Oxidized Silver on White Metal 8/6 11/6 "
 11/- 14/- "



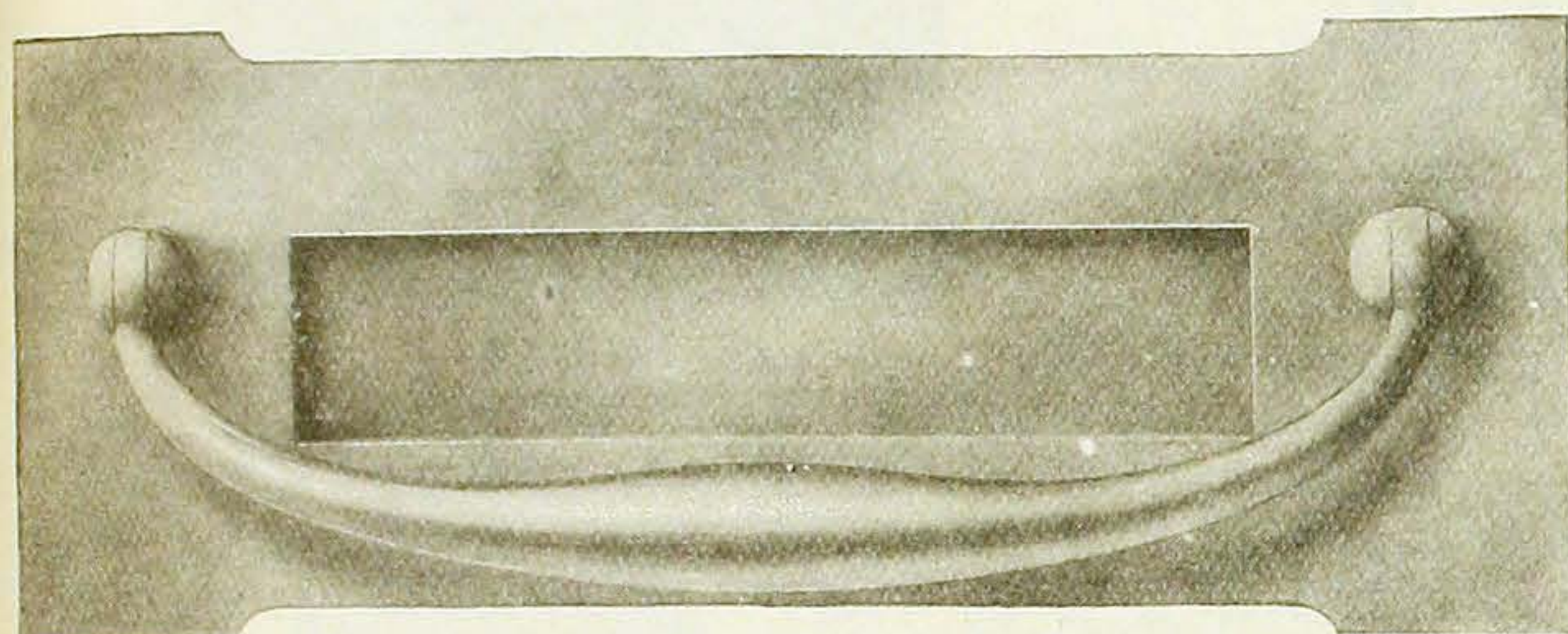
No. PHS 2461 Size 8 1/2" x 3".
 Polished Brass 11/6 each.
 Copper Bronzed and Relieved on Brass 12/3 "
 Bronze Metal Antique 15/- "
 Oxidized Silver on White Metal 17/6 "

Postal Knockers

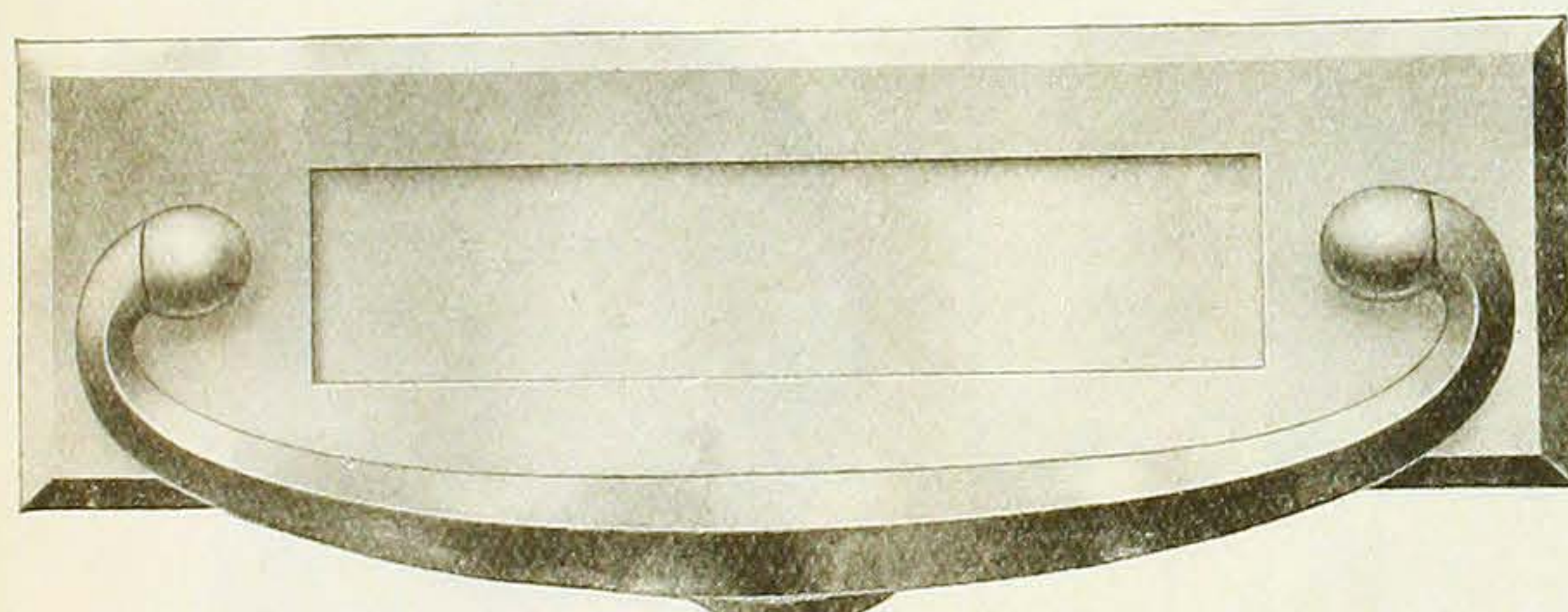
*Stocked only in Brass and B.M.A.



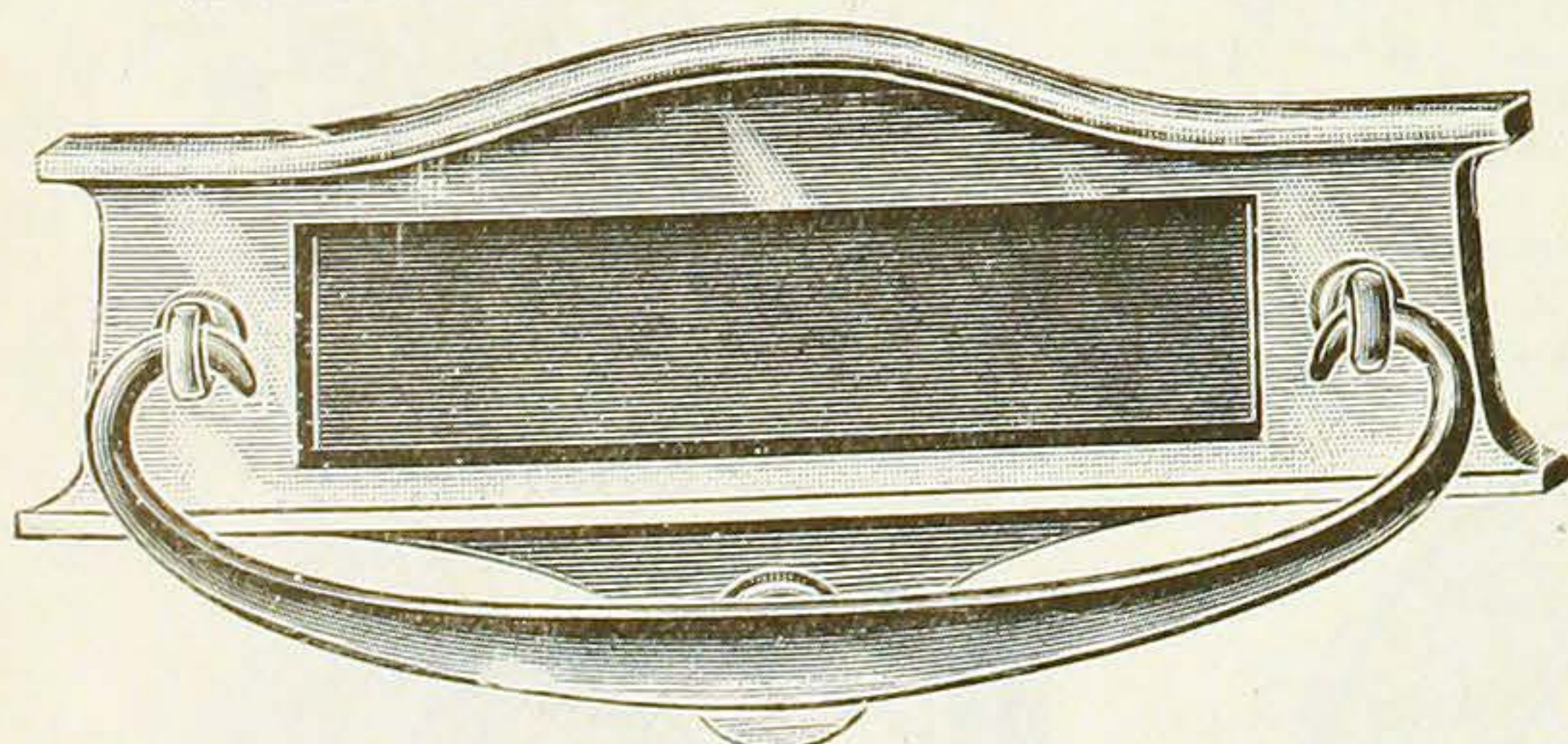
No. PHS* 6764 Size 8 1/2" x 3 1/2"	
Polished Brass	6/- each.
Antique Copper	6/9 "
Bronze Metal Antique	7/6 "
Oxidized Silver on White Metal	10/9 "



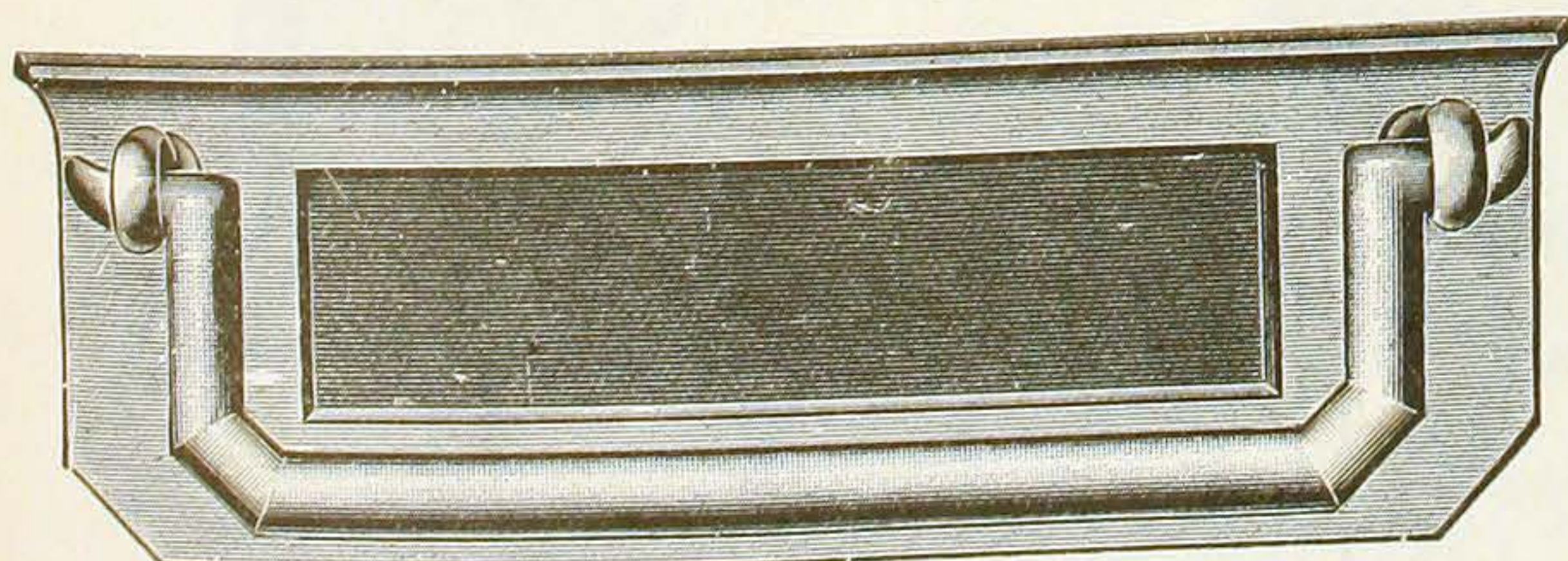
No. PHS* 6762 Size 11" x 4 1/8"	
Polished Brass	23/9 each.
Copper Bronzed and Relieved on Brass	25/6 "
Bronze Metal Antique	27/2 "
Oxidized Silver on White Metal	32/6 "



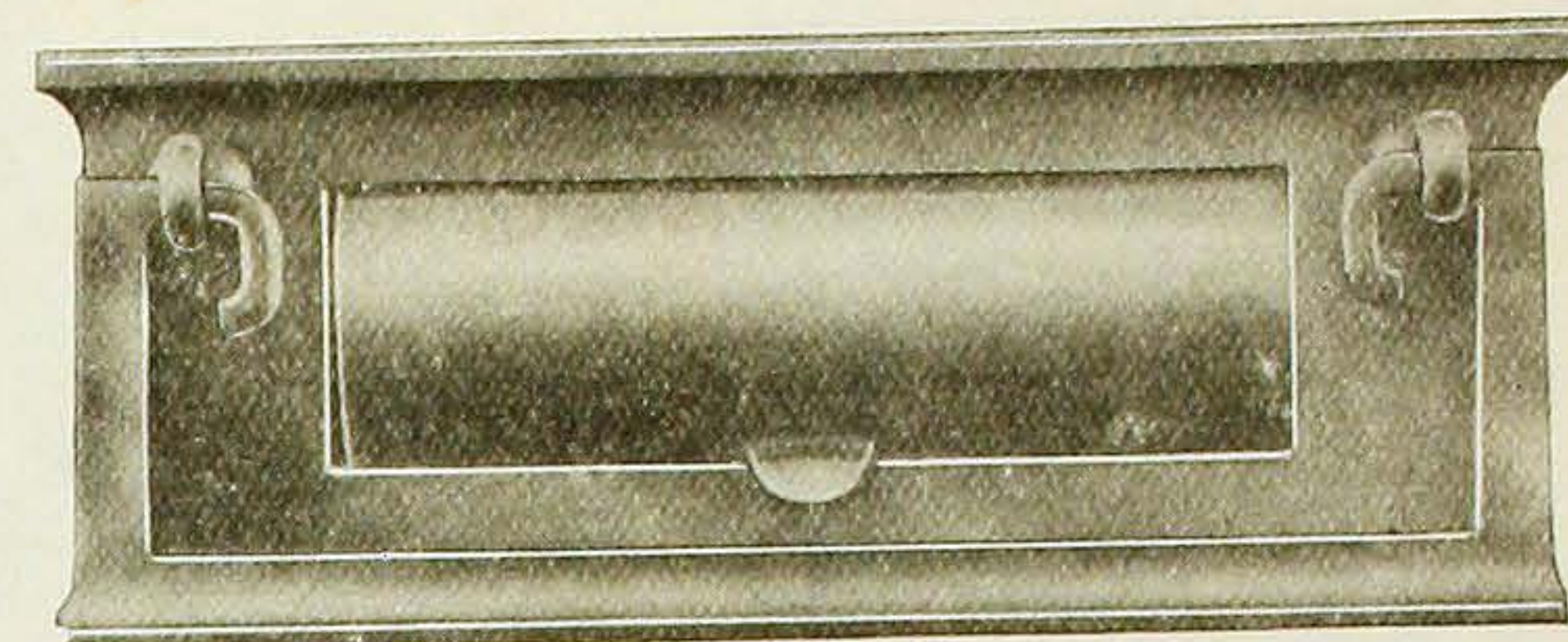
No. PHS* 6763 Size 10 1/2" x 4"	
Polished Brass	13/3 each.
Antique Copper Bronzed and Relieved	14/- "
Bronze Metal Antique	15/- "
Oxidized Silver on White Metal	22/- "



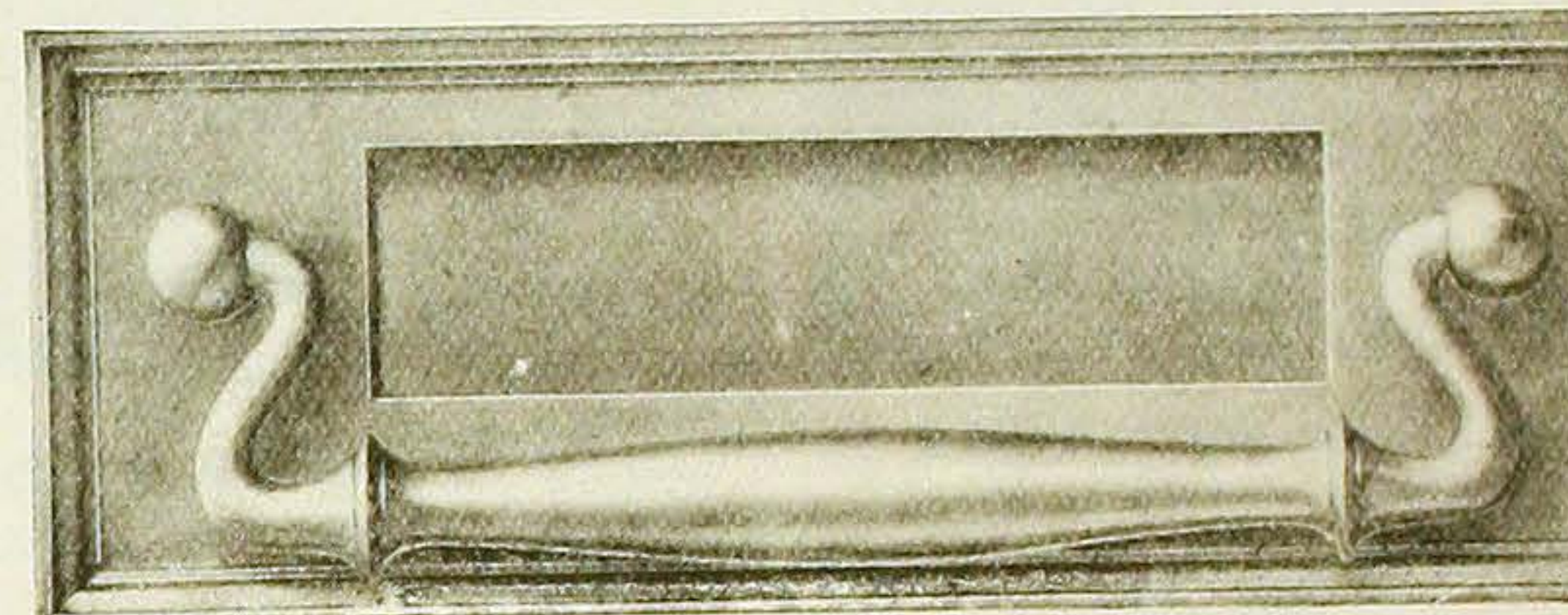
No. PHS* 6766 Size 9" x 4"	
Polished and Lacquered Brass	5/6 each.
Copper Bronzed and Relieved on Brass	6/- "
Real Bronze Metal Antique	8/- "
Oxidized Silver on White Metal	9/- "



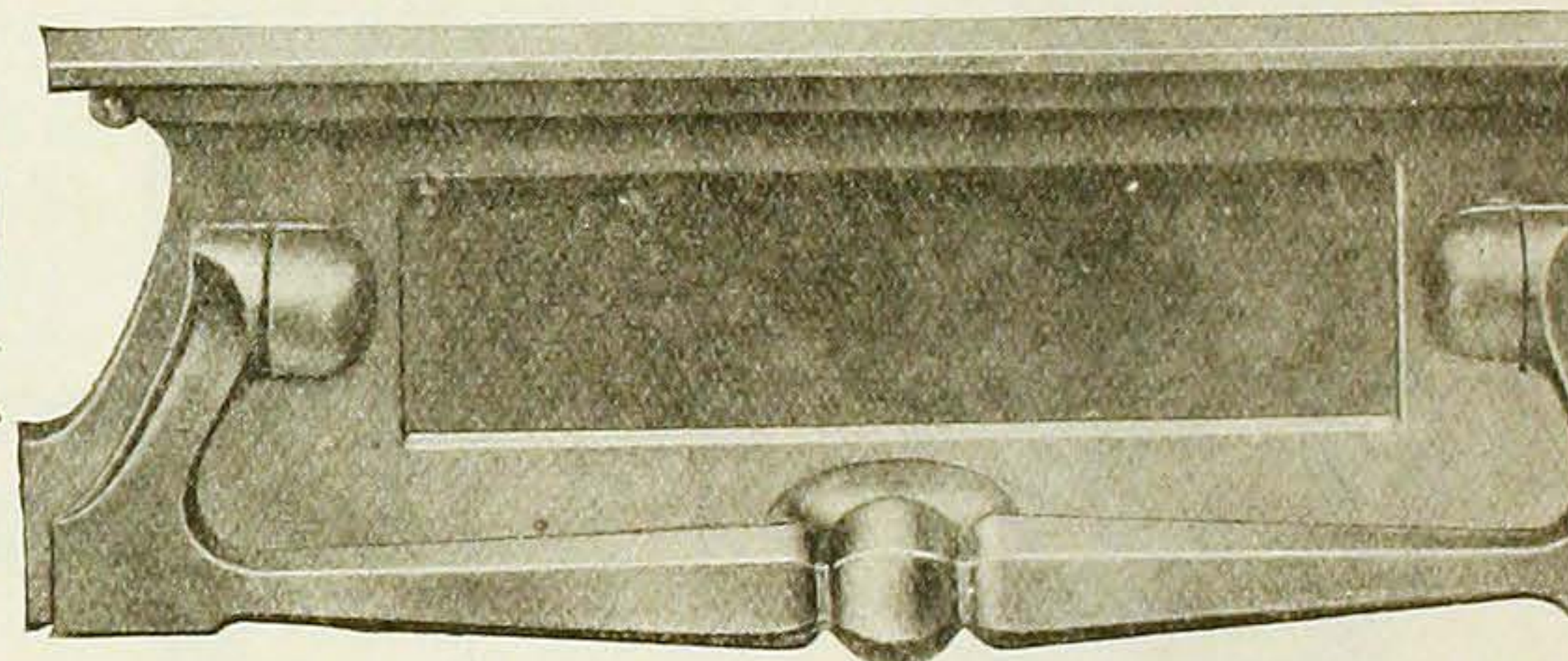
No. PHS* 6765 Size 8" x 2 5/8"	
Polished Brass	5/- each.
Copper Bronzed and Relieved on Brass	6/3 "
Bronze Metal Antique	6/9 "
Oxidized Silver on White Metal	10/- "



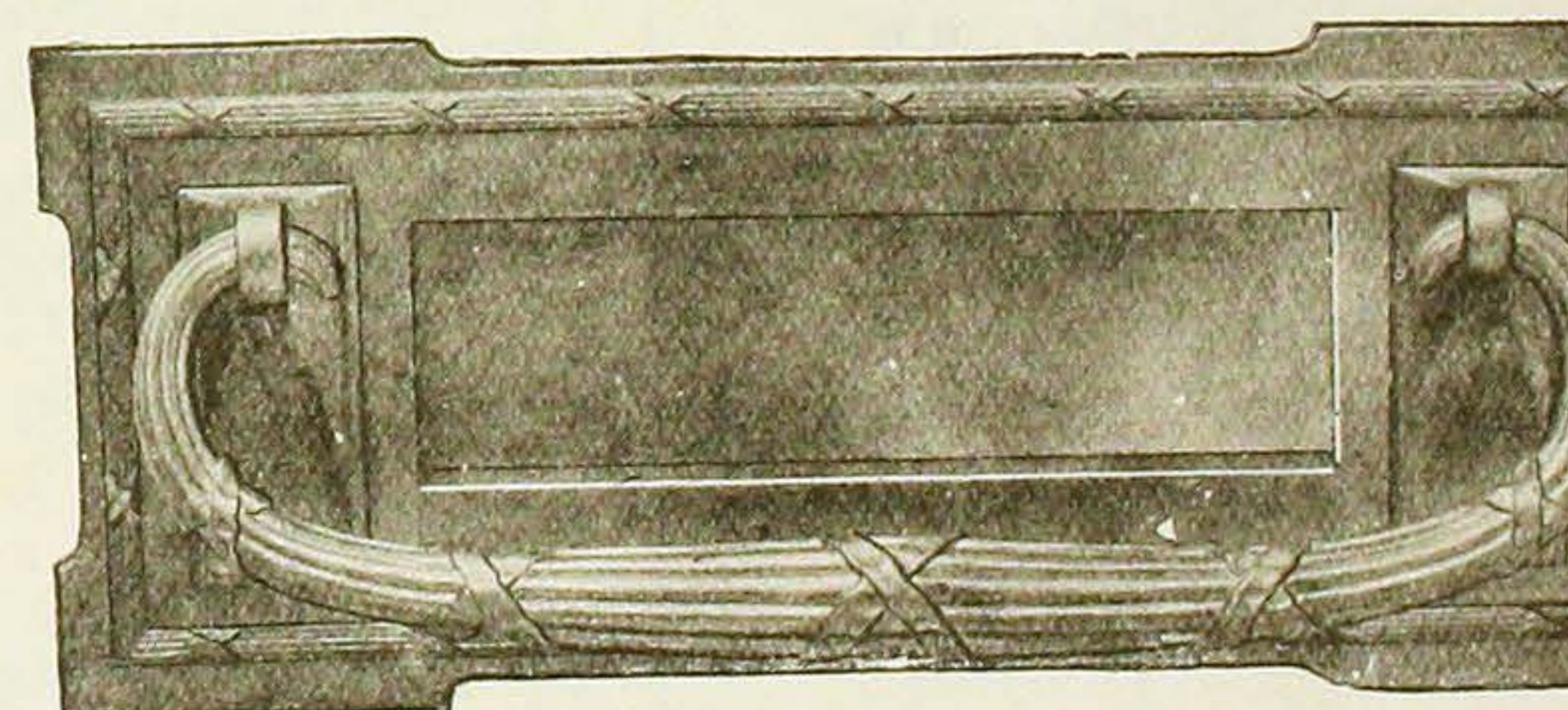
WITH ROLL FRONT. No. PHS* 6760 Size 9" x 3 3/8"	
Polished Brass	11/- each.
Antique Copper	12/- "
Bronze Metal Antique	13/3 "
Oxidized Silver on White Metal	16/10 "



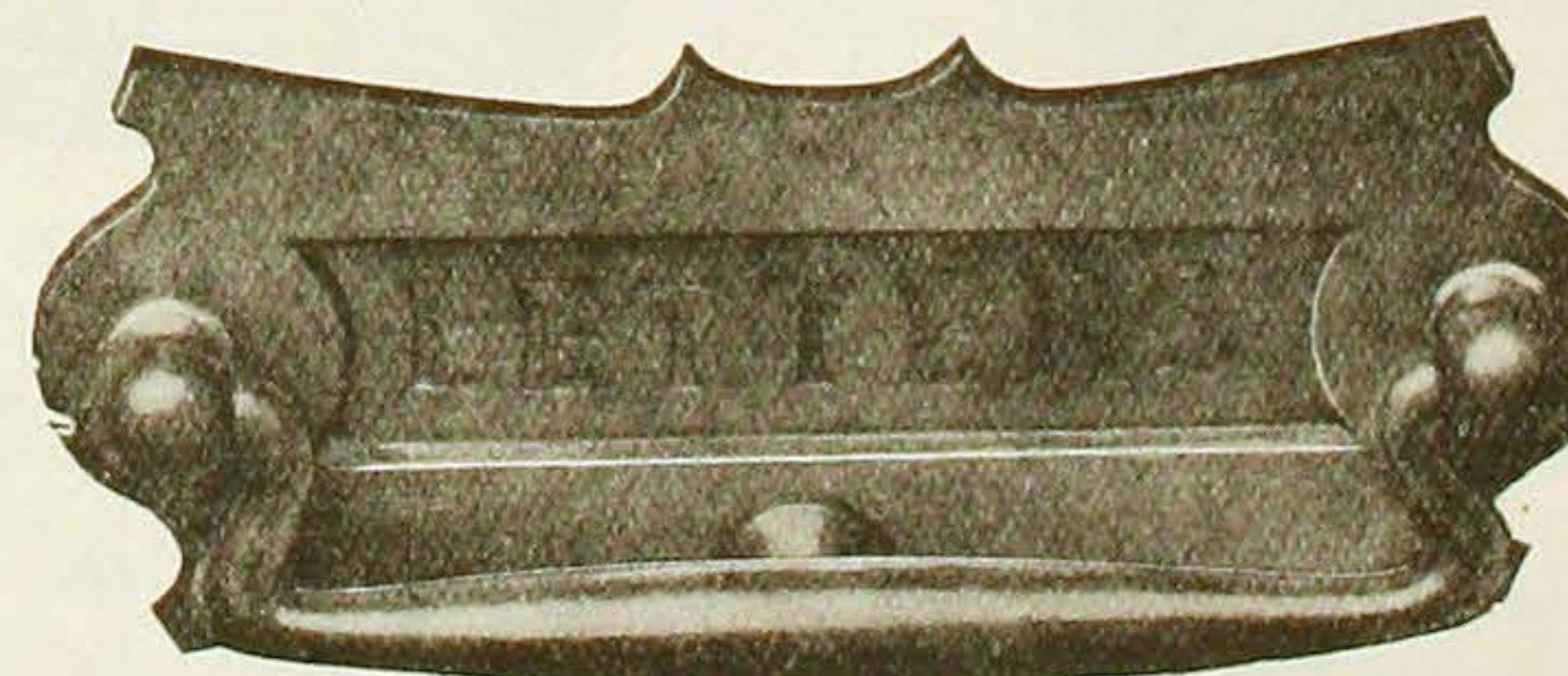
No. PHS* 6761 Size 10" x 3 5/8"	
Polished Brass	31/6 each.
Copper Bronzed and Relieved on Brass	33/3 "
Bronze Metal Antique	36/9 "
Oxidized Silver on White Metal	42/- "



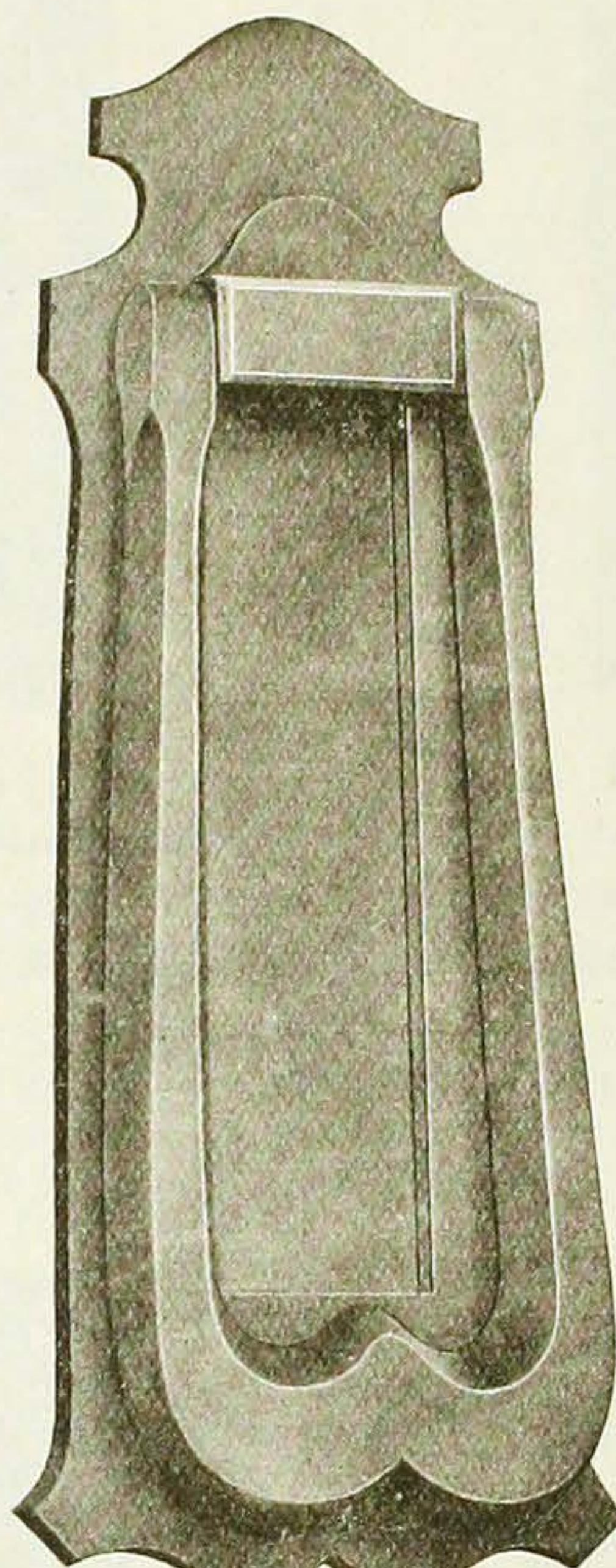
No. PHS* 2516 Size 10 1/2" x 3 1/4"	
Polished Brass	20/3 each.
Copper Bronzed and Relieved on Brass	22/- "
Bronze Metal	22/9 "
Bronze Metal Antique	24/6 "
Oxidized Silver on White Metal	27/3 "



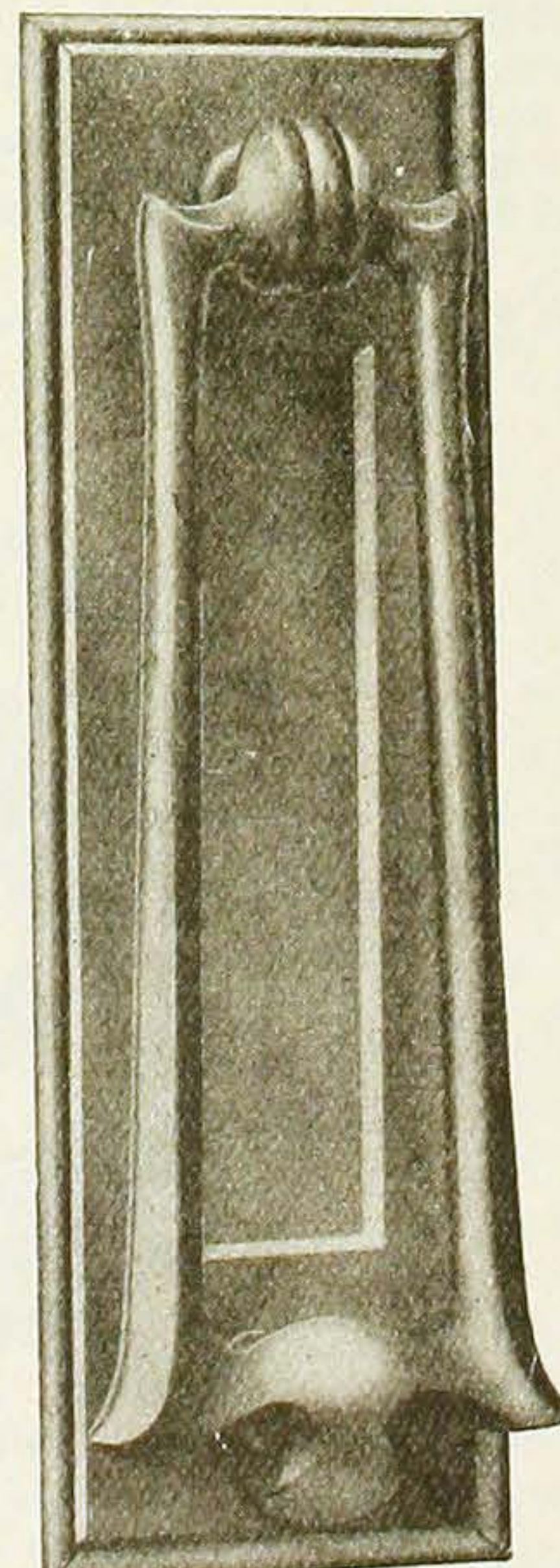
No. PHS* 5597 Registered. Size 9 1/4" x 4"	
Polished Brass	33/3 each.
Copper Bronzed and Relieved on Brass	35/- "
Bronze Metal Antique	38/6 "
Oxidized Silver on White Metal	48/3 "



No. PHS* 2519 Size 9 1/4" x 3 3/4"	
Polished Brass	10/6 each.
Copper Bronzed and Relieved on Brass	12/- "
Bronze Metal Antique	13/3 "
Oxidized Silver on White Metal	16/9 "



No. PHS* 2521 Size 7 3/4" x 3"	
Polished Brass	10/- each.
Copper Bronzed and Relieved on Brass	11/- "
Bronze Metal Antique	12/3 "
Oxidized Silver on White Metal	15/- "



No. PHS* 2520 Size 10 3/4" x 3 1/2"	
Polished Brass	19/3 each.
Copper Bronzed and Relieved on Brass	21/- "
Bronze Metal Ant.	23/8 "
Oxidized Silver on White Metal	26/3 "

Extra for Chromium Plating Stainless for any of the above, 10/- each nett.

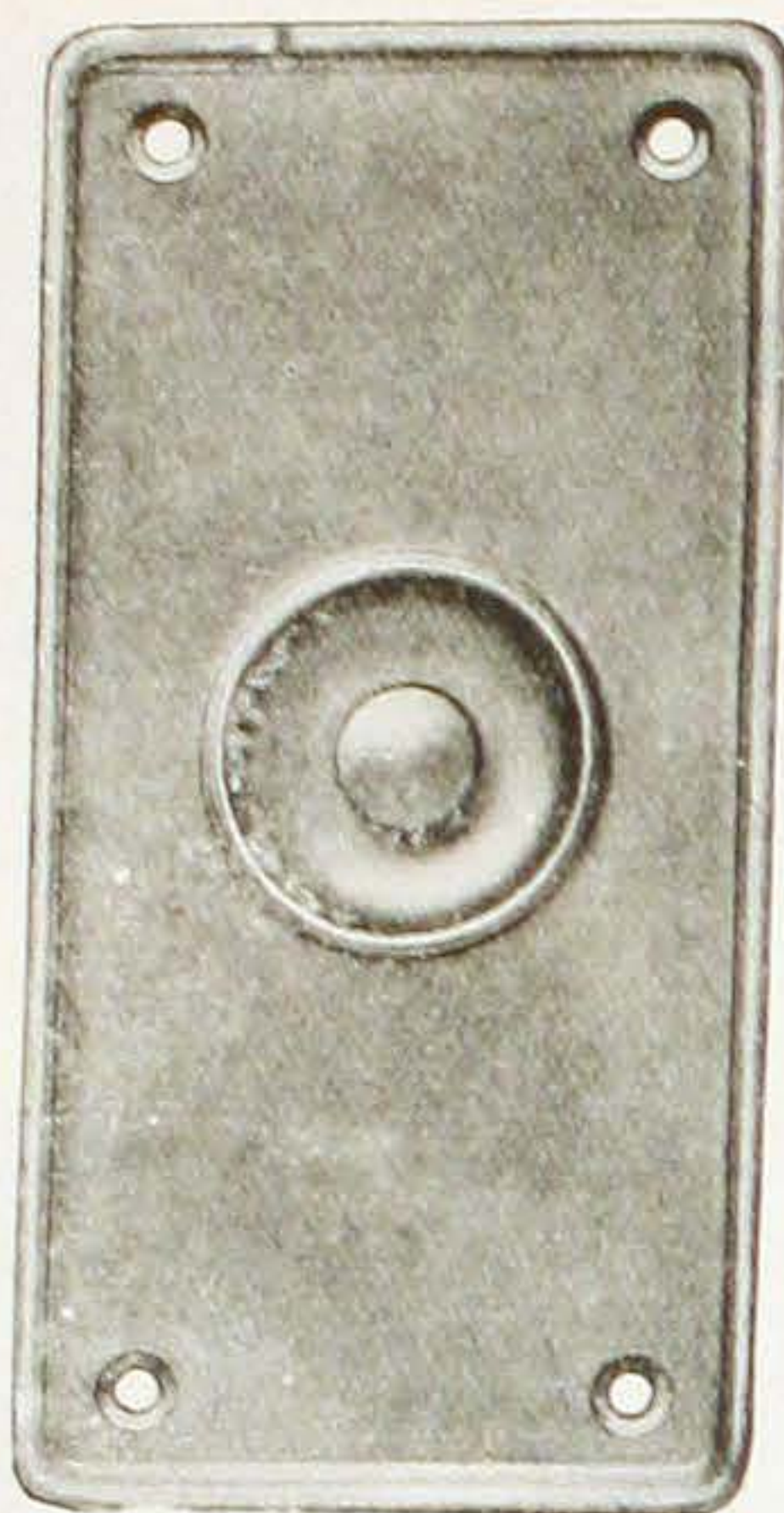
All PHS*—Stocked only in Brass and B.M.A.

"B" F

PRICED EACH.

Electric Bell Pushes

*Stocked only in Brass and B.M.A.



No. PHQ 5642

Size $5\frac{1}{4}'' \times 2\frac{5}{8}''$

Polished Brass	...	10/6 each.
C. B. and R. on Brass	...	11/6 "
Bronze Metal Antique	...	12/9 "
Oxidized Silver on White Metal	...	15/9 "



No. PHO 5609

Size of Plate, $8'' \times 3''$

Brass	...	33/- each.
B.M.A.	...	41/6 "



No. PHQ 2364

Size $3\frac{1}{8}'' \times 1\frac{3}{8}''$

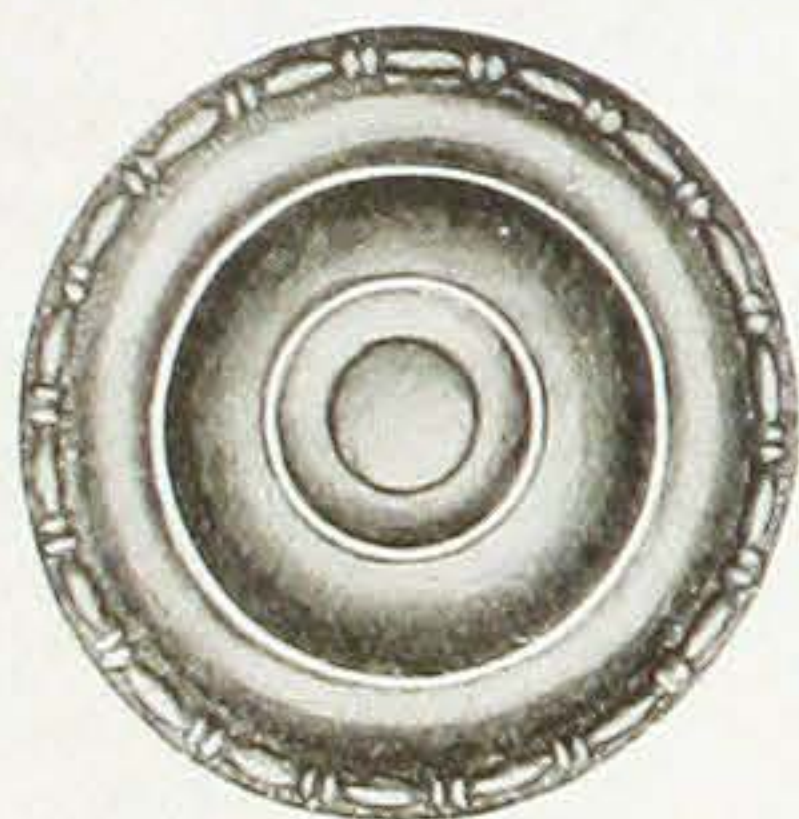
Polished Brass	...	2/9 each.
C. B. and R. on Brass	...	3/8 "
Bronze Metal Antique	...	4/2 "



No. PHQ 5648

Size $3\frac{1}{2}'' \times 3\frac{1}{2}''$

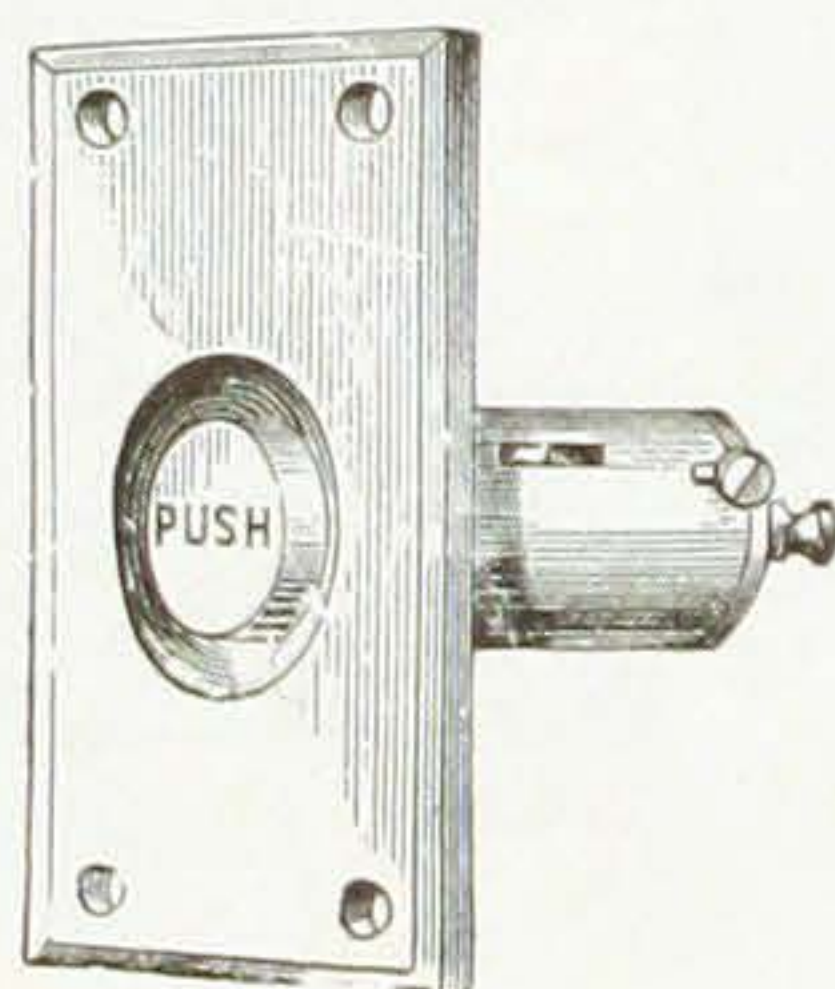
Polished Brass	...	5/9 each.
C. B. and R. on Brass	...	6/9 "
Bronze Metal Antique	...	7/- "
Oxidized Silver on White Metal	...	8/9 "



No. PHQ 5635

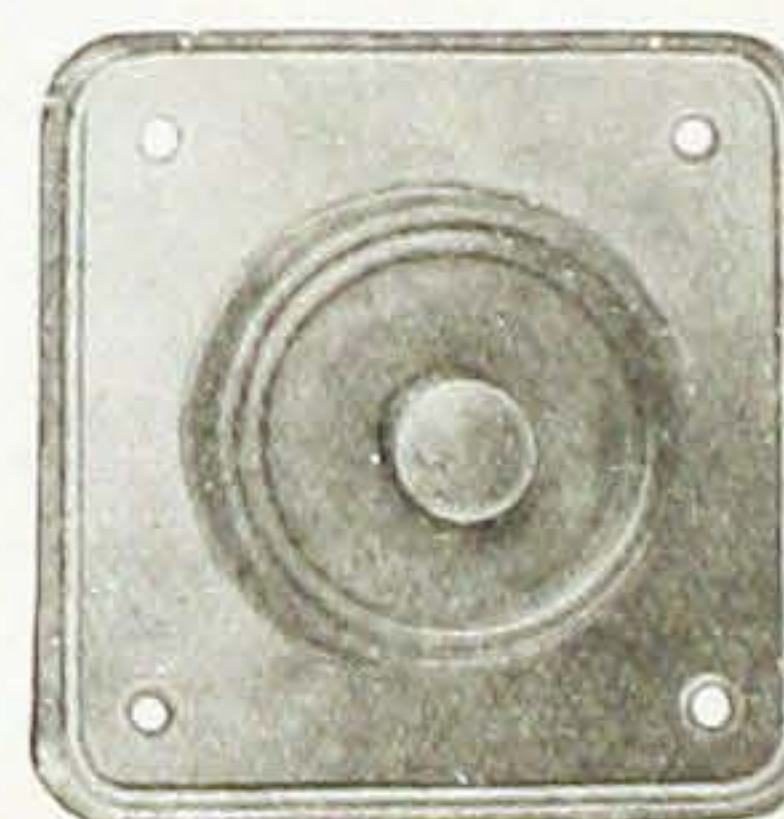
Size $2\frac{1}{4}''$

Polished Brass	...	6/3 each.
C. B. and R. on Brass	...	6/6 "
Bronze Metal Antique	...	8/- "
Oxidized Silver on White Metal	...	9/9 "



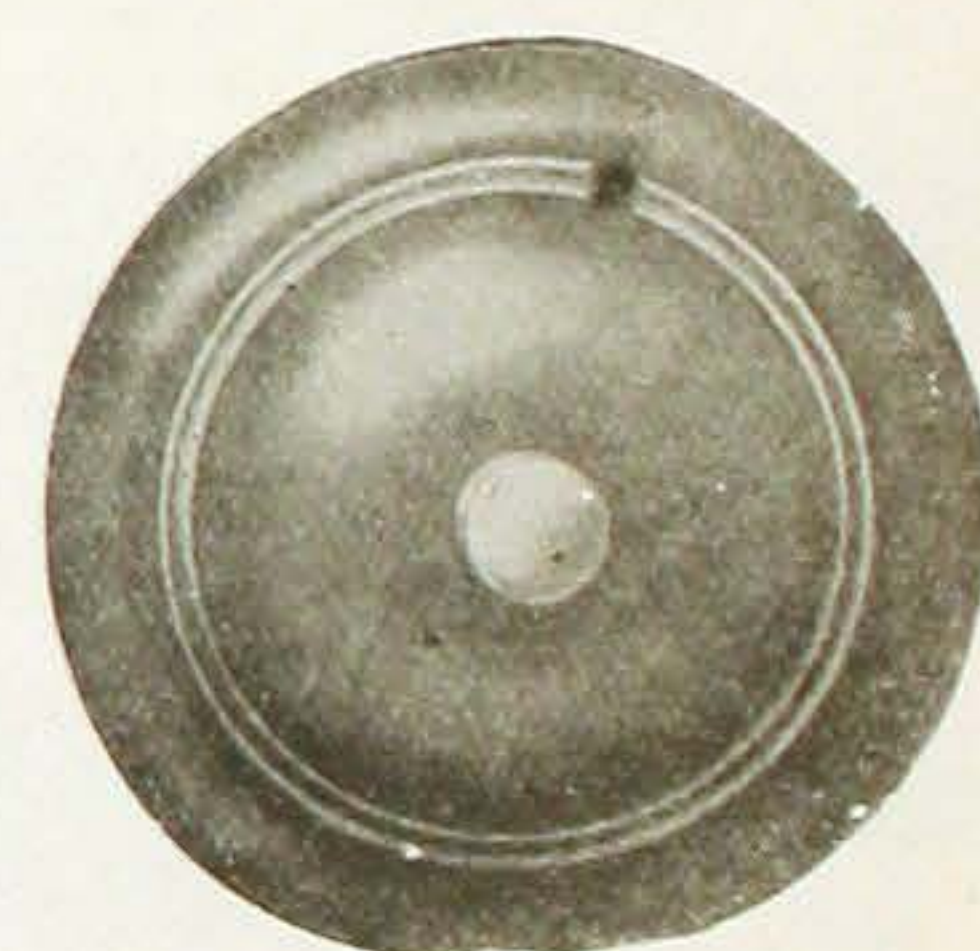
No. PHQ 2369

	$3\frac{1}{2}''$	$5''$
	$\times$	$\times$
	$2\frac{1}{2}''$	$2''$
Polished Brass	...	5/6
Bronze Metal	...	5/9
Bronze Metal Antique	...	6/4
	each.	7/- each.



No. PHQ 5636

	$2\frac{1}{8}''$	$4''$
	$\times$	$\times$
	$6/3$	$8/9$
Polished Brass	...	6/3
C. B. and R. on Brass	...	6/6
Bronze Metal Antique	...	8/-
Oxidized Silver on White Metal	...	9/9
	each.	13/6 each.



No. PHQ 5634

Size $2\frac{3}{4}''$

Polished Brass	...	6/6 each.
C. B. and R. on Brass	...	7/- "
Bronze Metal Antique	...	8/- "
Oxidized Silver on White Metal	...	9/9 "

WOODEN BELL PUSHES.



No. PHQ 5610

Size $4'' \times 1\frac{1}{4}''$

Polished Brass	...	7/6 each.
Bronze Metal	...	9/3 "
B.M.A.	...	9/9 "



No. PHQ 1751

Nickel Silver Springs, Silver Contacts, Brass Screws, best white Bone Plungers.

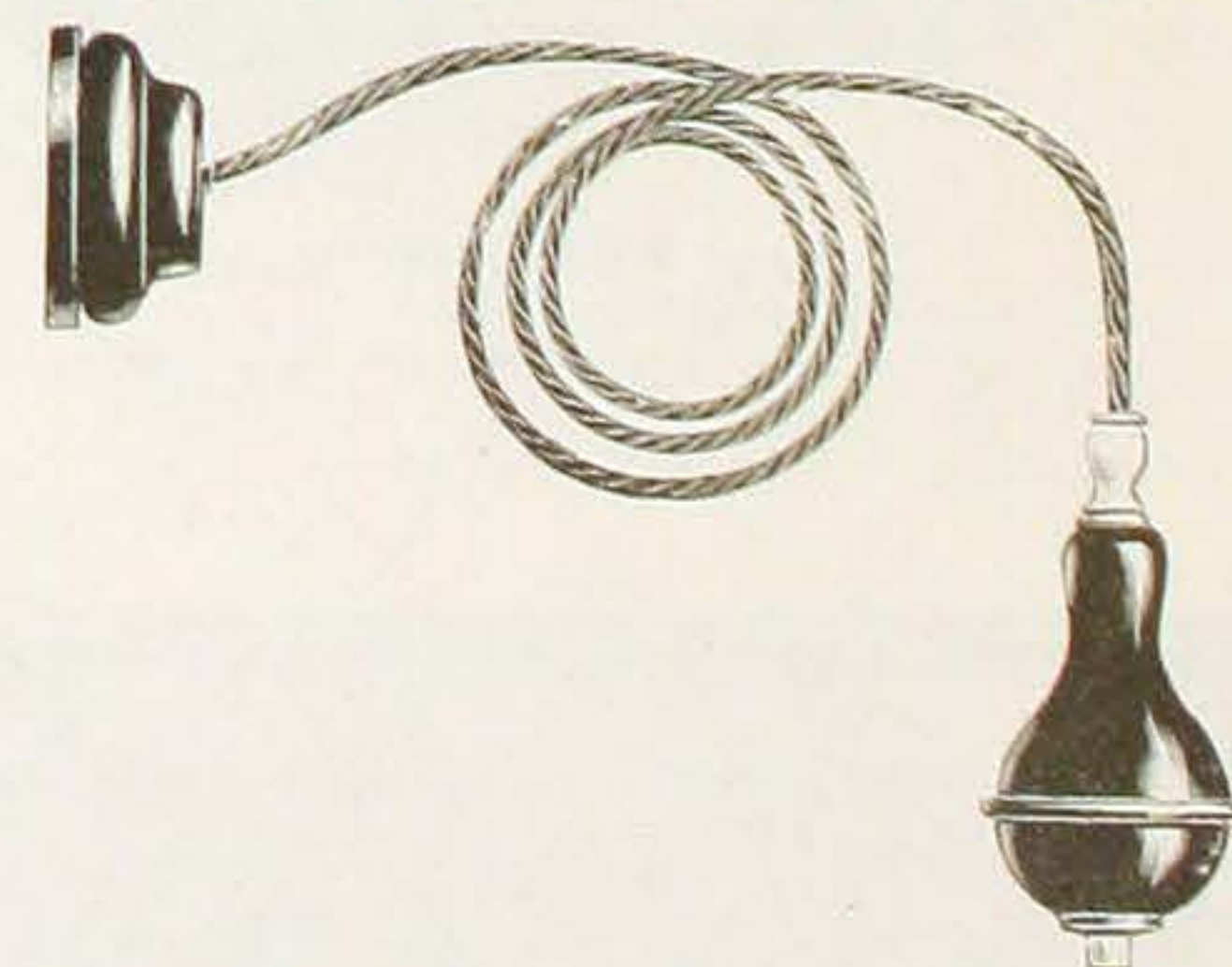
	$2\frac{1}{2}''$	$3''$
Ebony, Rosewood or Cocus	...	2/4
Walnut or Oak	...	1/2
Copper, Steel or Bronze Finish	...	1/10



No. PHQ 2366

	$2''$	$2\frac{1}{2}''$	$3''$	$3\frac{1}{2}''$
	$\times$	$\times$	$\times$	$\times$
	$3/-$	$3/2$	$3/8$	$4/4$
Polished Brass	...	3/6	3/8	4/2
C.B. & R. on Brass	...	4/-	4/2	4/9
Brass	...	3/9	4/-	4/6
B.M.A.	...	3/8	3/10	4/4
Ox. Copper	...			5/2
Nickel Silver	...			5/-

WOODEN PRESSEL PUSHES.



No. PHQ 2372

Walnut, Oak or Ebonized, 2" rosette.	...	2/6 each.
Cocus or Ebony, $2\frac{1}{2}''$ rosette.	...	3/9 each.

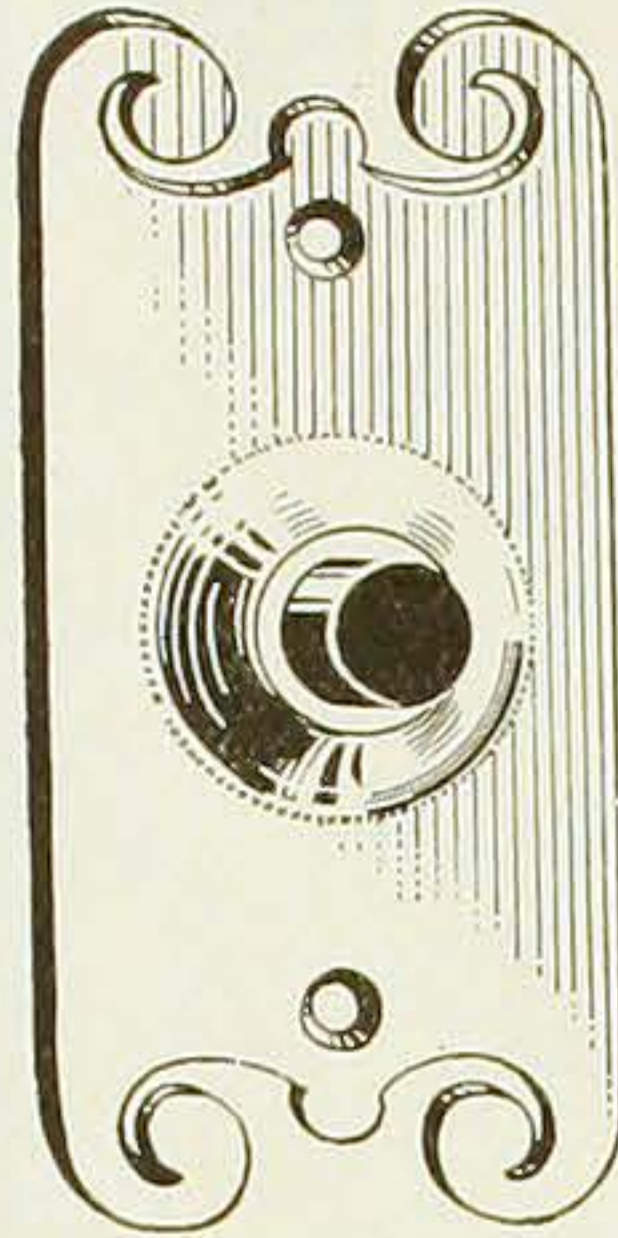
Push Door Bells

Electrical Results without Batteries.



No. PHS 5585

Push Button Door Bell in Antique Copper, complete with 3½" nickel plated nickel steel gong, stamped steel base, 6/- each.



No. PHS 5586

Push Button Door Bell in Antique Copper, complete with 3½" nickel plated bell metal gong, stamped steel base, 8/- each.



No. PHS 5587

Turn Plate Door Bell in Antique Copper with 3" nickel plated steel gong, stamped steel base, 4/2 each.

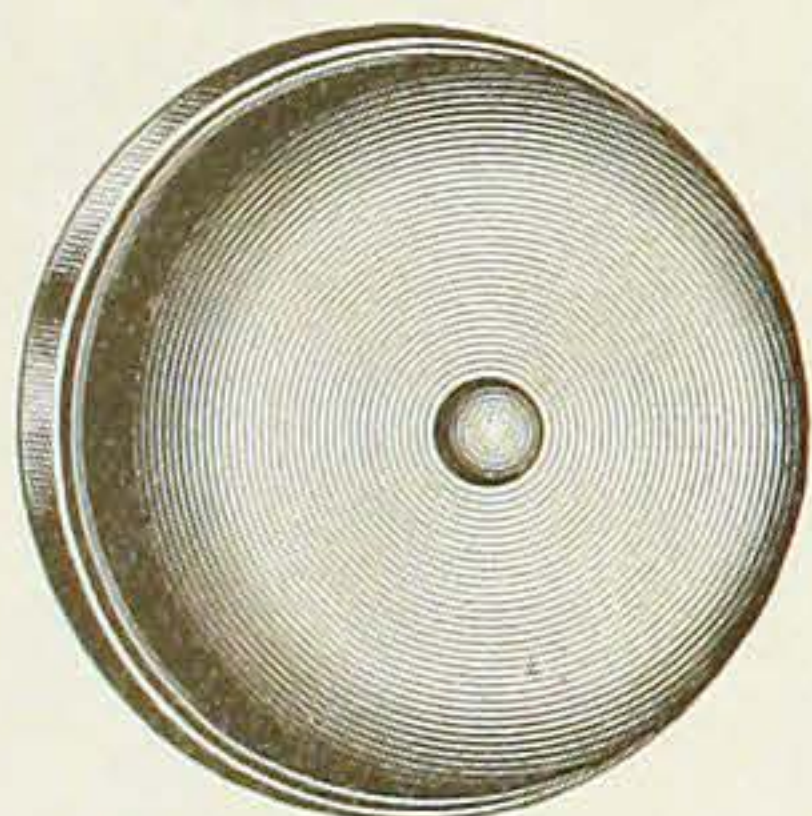
No. PHS 5587A

Same as No. PHS 5587 but with 3" Nickel plated regular pattern bell metal gong, iron base, 5/9 each.



Push Button Bell Gong for use with

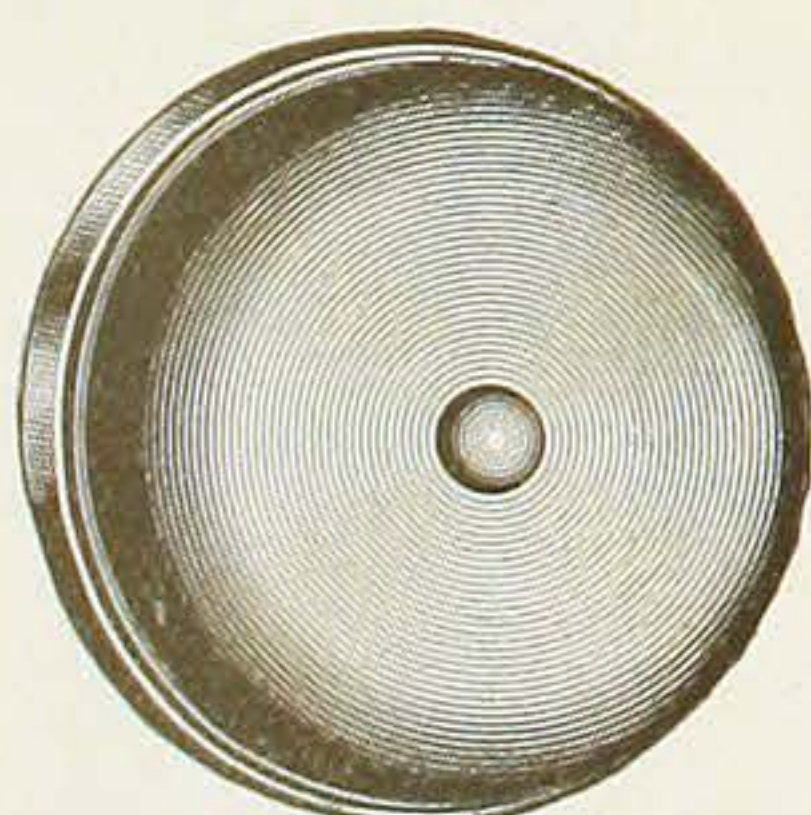
Nos. PHS 5585 & 5586



Bell Gong for use with
No. PHS 7305

Size. Description.
3½" dia. Wrought Steel Plated Cast Iron Base.

Packed one in a box with screws and Connecting Rod. Shipping weight, 14 ozs.



Bell Gong for use with
No. PHS 7306

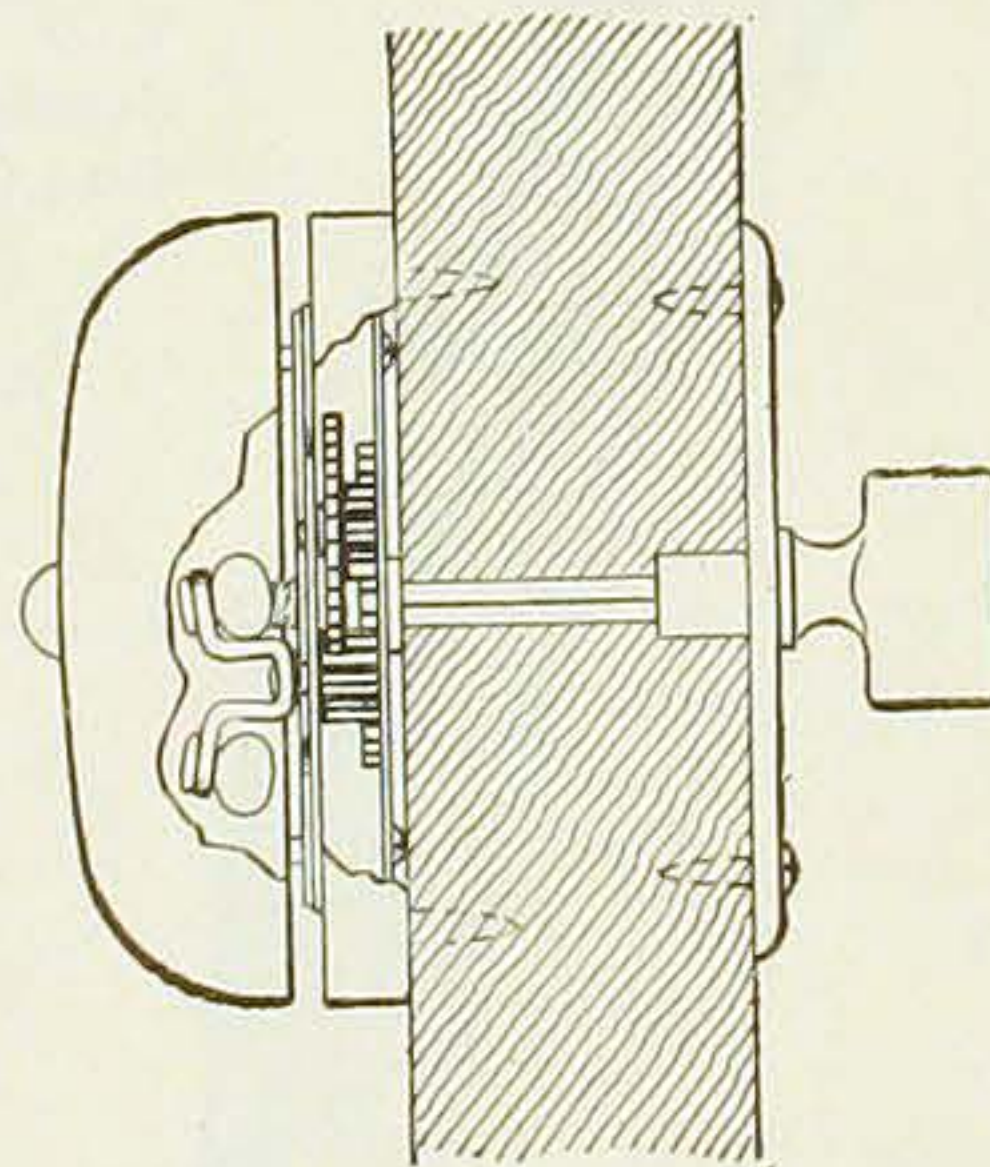
Size. Description.
3½" dia. Wrought Steel Plated Cast Iron Base.

Packed one in a box with screws and connecting rod. Shipping weight 14 ounces.

New Methods in Front Door Bells.

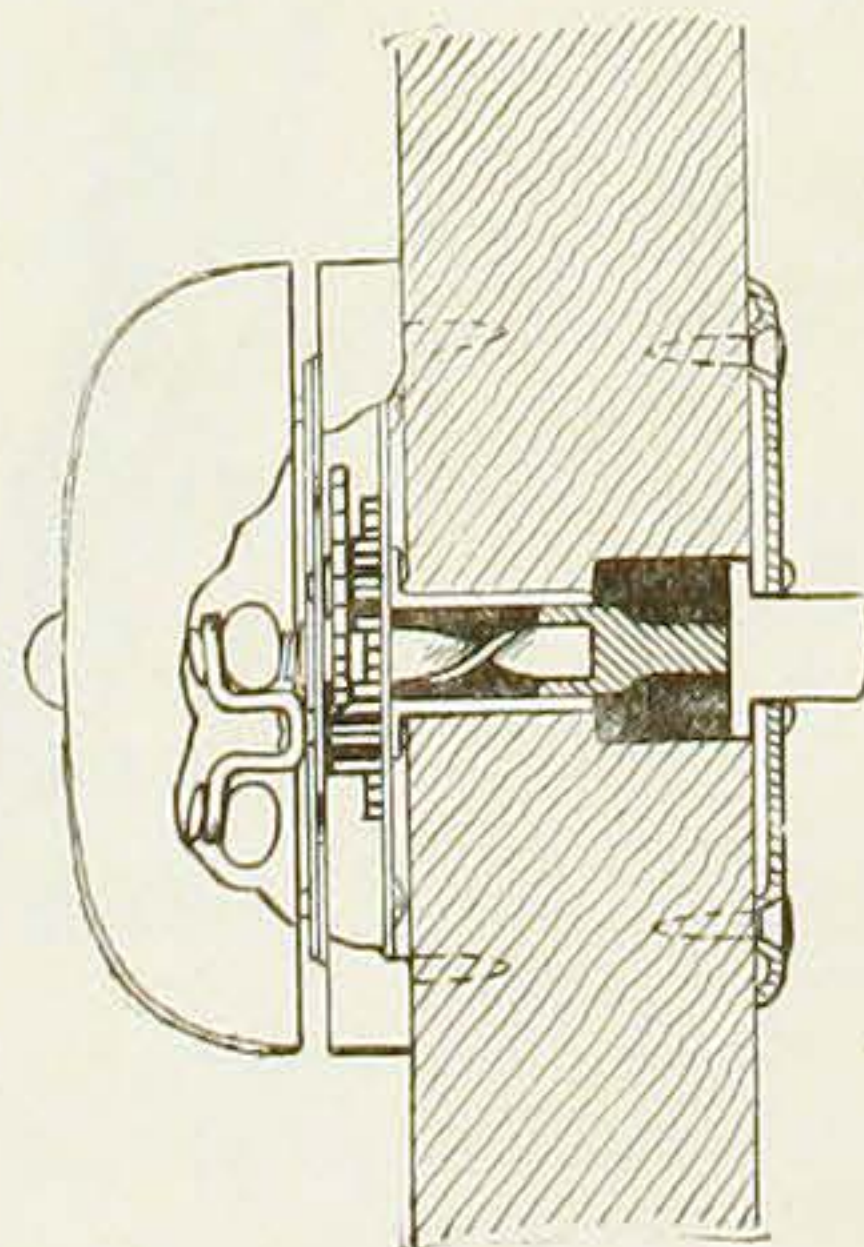
These patent Push Door Bells are a distinct advance over the old-fashioned "pull" principle and are far less expensive in initial cost and maintenance than electric bells. There is no wiring to pay for and no batteries to watch and replenish. The tone is full, clear, musical and can be heard in all parts of the ordinary house. If operated by a turn piece, they require absolutely no attention, and if operated by a push button need only a moment's time once a year when the gong should be re-wound.

"New Departure" Door Bells



Regularly furnished with 4" Connecting Rod. Longer when so ordered.

To operate with Push Button



Regularly furnished with 12" Connecting Rod. Longer when so ordered.

Simplicity of Mechanism.

The simple yet exact construction of Door Bells of this type, is, in itself, a guarantee of the faithfulness with which they perform.

The clock-like works are made with an accuracy which prevents binding and are geared so that a single twist of the turn causes twenty-six quick consecutive strokes of the hammer. Internal friction is reduced to a minimum by the fewness of the moving parts. There are no complicated nor delicate pieces to get out of order.

The steel bell is of just the proper weight to give it a clear resonance without the jangling or harsh tone of ordinary bells.

No Winding.

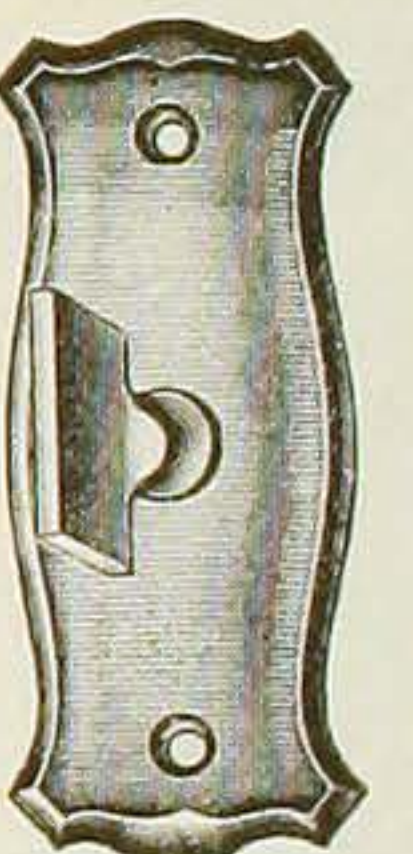
The Door Bells which are furnished with push buttons have exactly the same mechanism as those supplied with turns with the exception of the method of propulsion.

In this type, the hammers are rotated by means of a spiral which is connected to the button and passes through the main gear. By the use of this simple and clever device, the necessity of winding the mechanism has been entirely eliminated and when once installed it requires no further attention.

An extraordinarily long ring has been attained in this bell by the double action of the spiral and the two-tongued hammer. The same clear-toned bell is used.



Rotary Bell Gong for use with
Nos. PHS 5587 & 5587A



No. PHS 7305—Turn Button
C. B. & R. 5/8 each.

See detailed description in centre panel.



No. PHS 7306—Push Button
C. B. & R., 4/1 each.

See detailed description in centre panel.

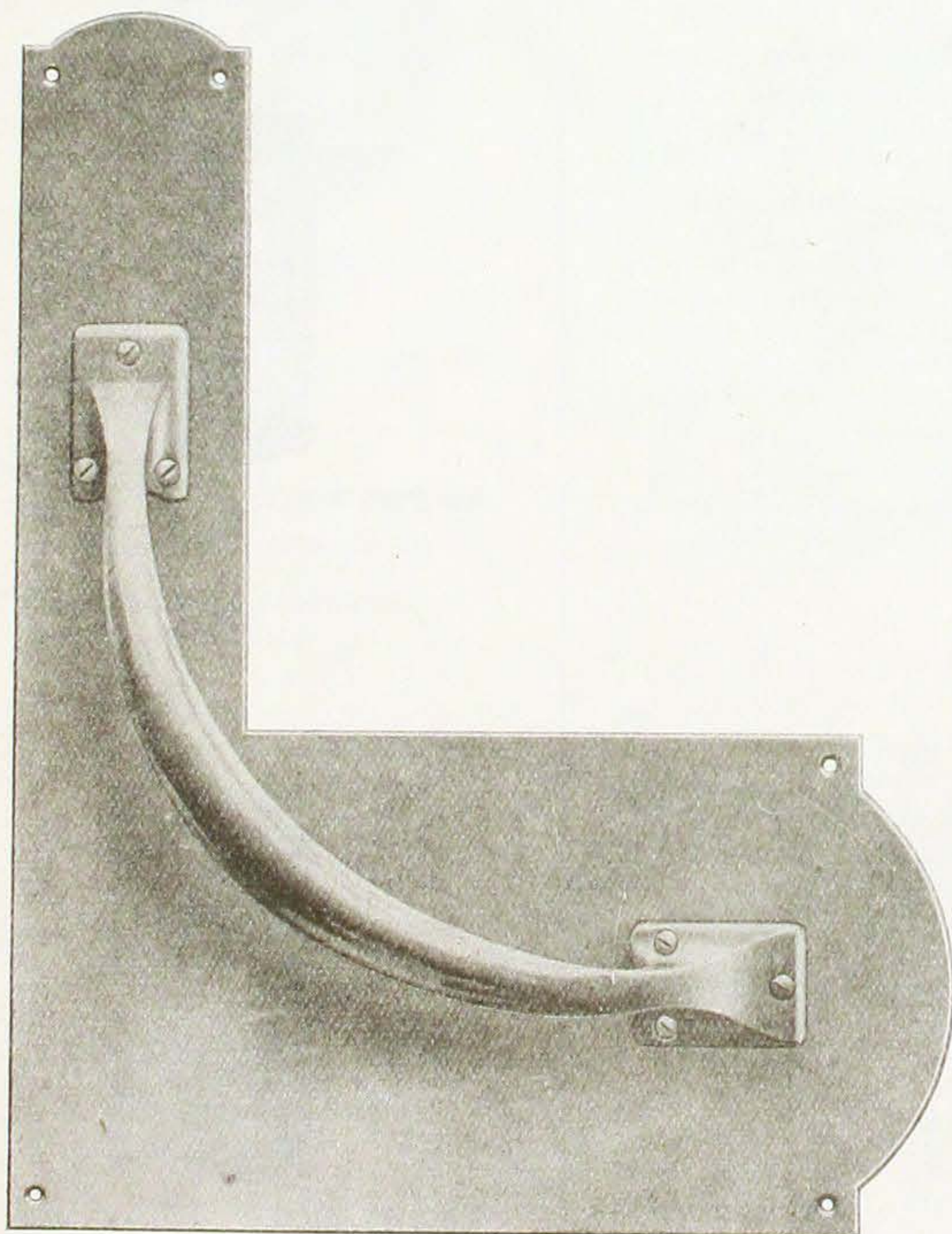
PRICED EACH.

Door Handles



No. PHO 5716 Scale one-sixth full size.
Point to point, 43".

Polished Brass	...	131/3	each.
C. B. and R. on Brass	...	136/6	"
Bronze Metal Antique	...	140/-	"
Oxidized Silver on White Metal	...	175/-	"
Extra for Chromium Plating, Stainless,			
27/- each nett.			



No. PHO 5692

Extreme length 15½" Extreme width 12"

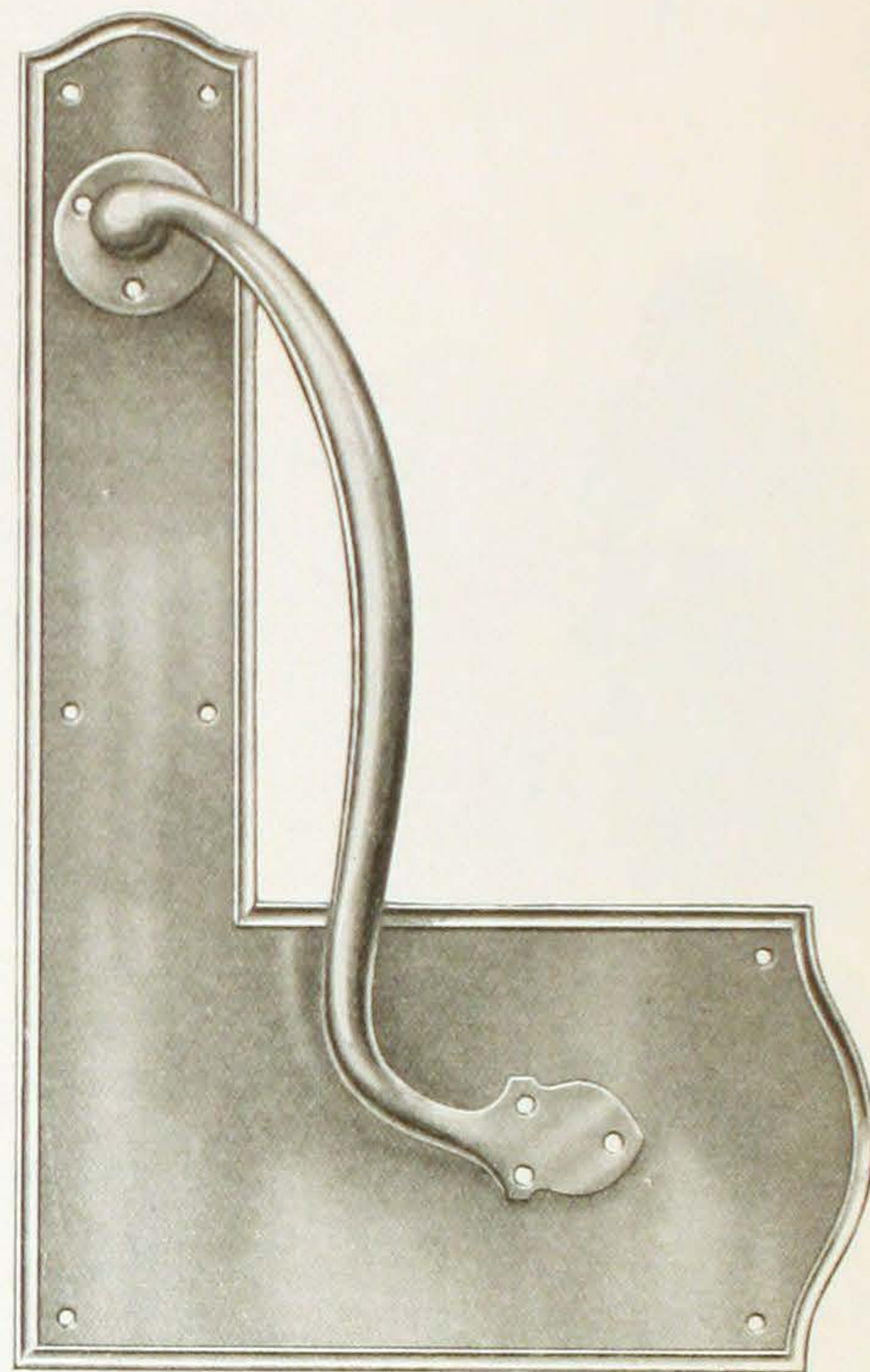
Polished Brass	...	32/6	each.
C. B. and R. on Brass	...	35/-	"
Bronze Metal Antique	...	42/-	"
Oxidized Silver on White Metal	...	50/9	"



Extra for Chromium
Plating Stainless.

No. PHO 5692
18/9 each nett.

No. PHO 5715
9/- each nett.



No. PHO 5700
Size 19" x 12"

Polished Brass	...	56/-	each.
C. B. & R. on Brass	...	60/6	"
Bronze Metal Antique	...	63/-	"
Oxidized Silver on White Metal	...	77/-	"
Extra for Chromium Plating Stainless,			
21/- each nett.			

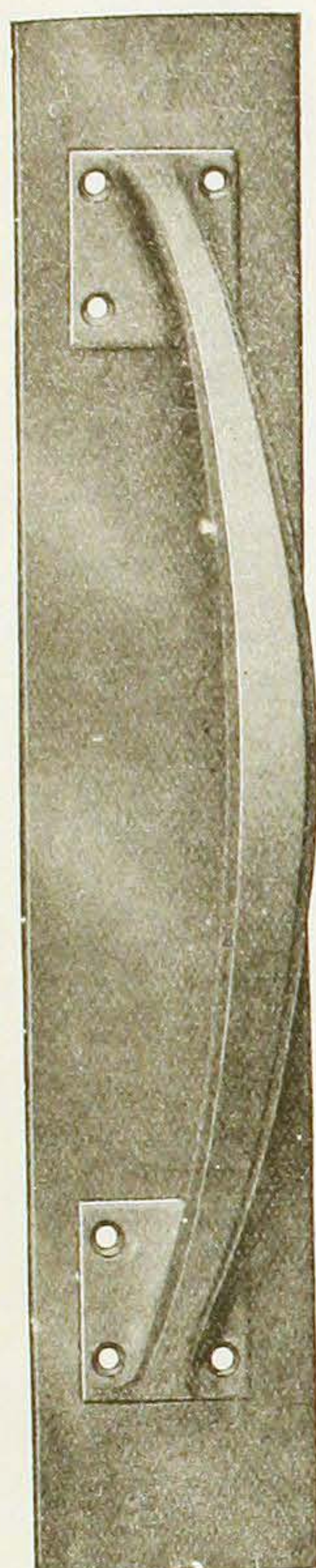
No. PHO 5715

To suit Door 18" 30" wide.

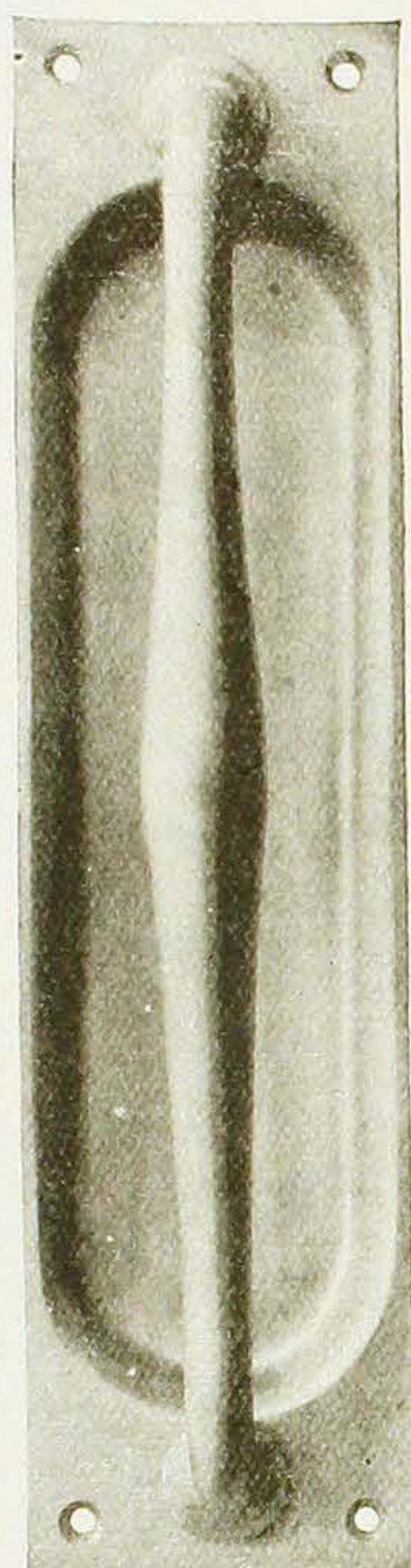
Brass	...	24/6	73/6	each.
C. B. & R. on Brass	...	26/3	78/9	"
Bronze Metal Antique	...	29/-	84/-	"
Oxidized Silver on White Metal	...	36/9	98/-	"

Door Handles

*Stocked only in Brass & B.M.A.



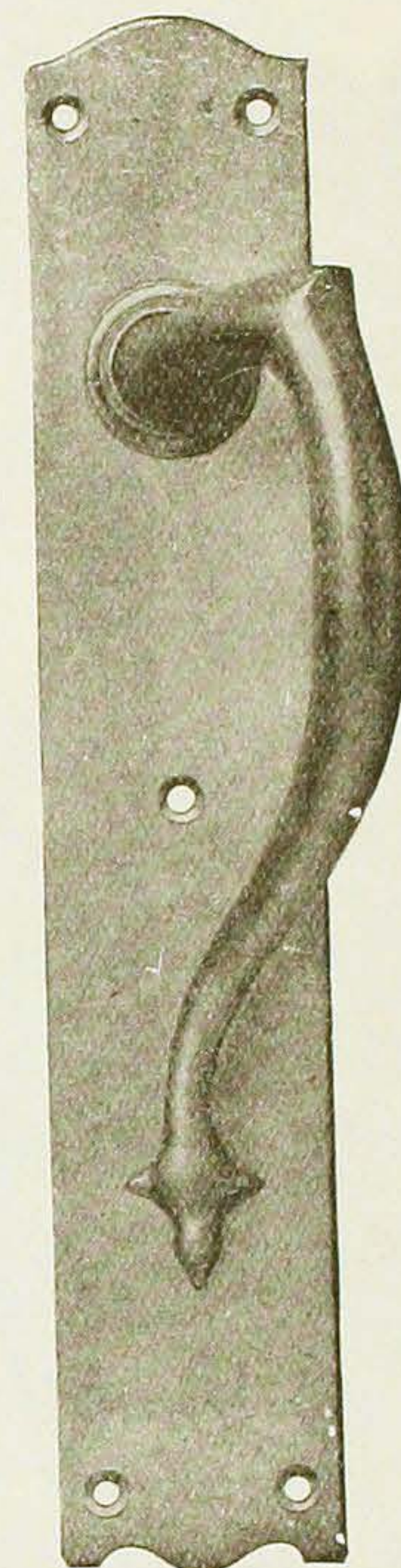
No. PHS*5675
Size 14" x 2 1/2"



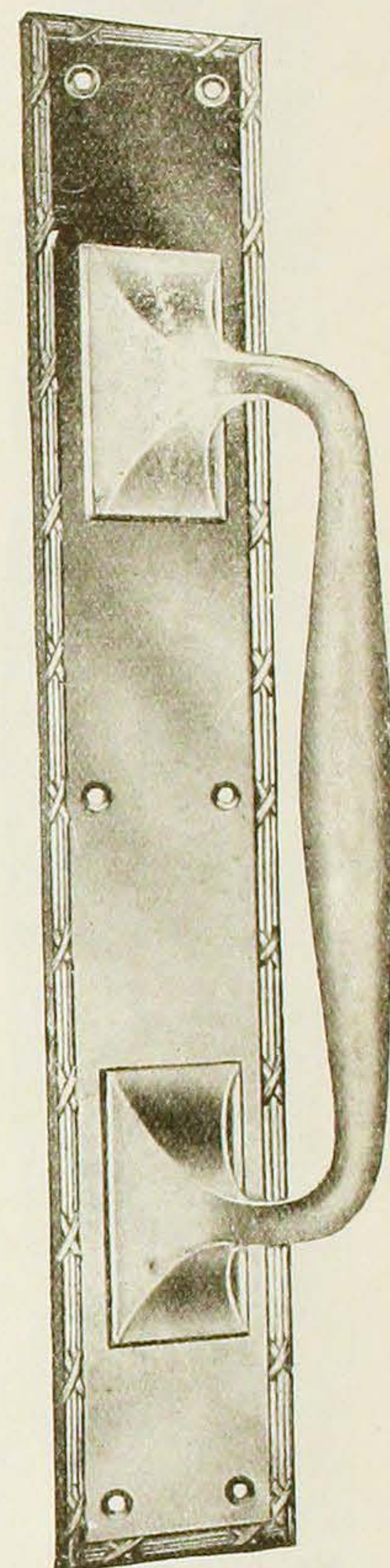
No. PHS*6569
Size 3" x 12"



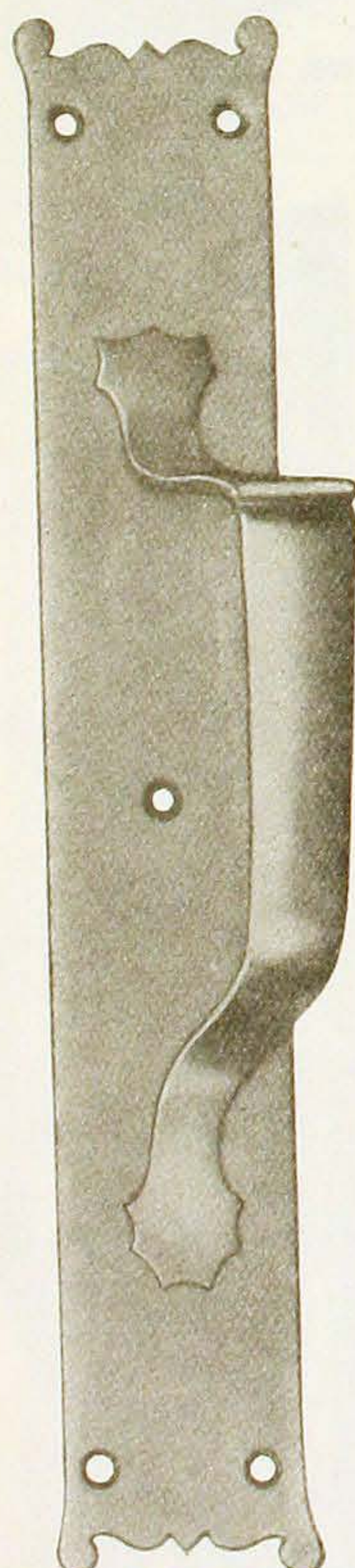
No. PHS*6570
Size 2 1/4" x 12"



No. PHS*2322

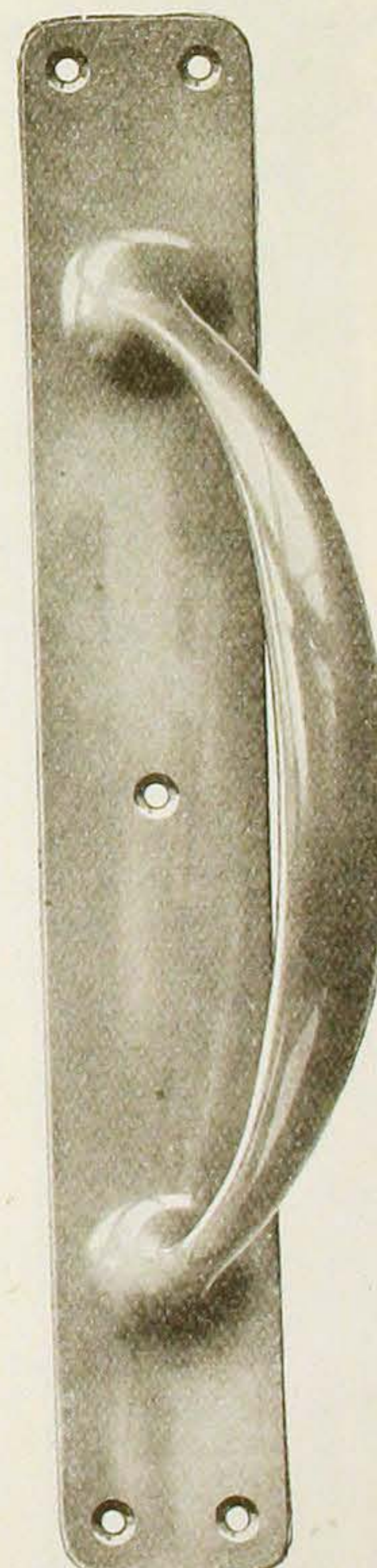


No. PHS*5645
Size 14" x 2 1/2"



No. PHS*2317
Size 14" x 2 1/2"

No. PHS*2363
Size 12 1/2" x 2"



No. PHS*6534
Size 11" x 1 1/2"

"B" Basis.

PRICES, EACH.

No.	Polished Brass.	C.B. & R. on Brass.	A.C.B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
PHS*5675	12/-	13/3	—	15/9	20/3
PHS*6569	18/6	20/3	—	21/-	26/3
PHS*6570	12/-	12/9	—	13/3	17/6
PHS*2322—					
Size 12" x 2 1/4"	10/6	12/3	—	14/-	17/6
Size 15" x 2 1/2"	14/-	15/6	—	18/6	22/9
PHS*5645	15/9	—	18/6	19/9	30/9
PHS*2317	10/6	12/-	—	13/2	17/6
PHS*2363	9/9	10/6	—	12/3	15/9
PHS*6534	10/2	—	11/6	12/-	19/3

Extra for Chromium Plating Stainless for any of the above, 10/6 each nett.

Door Handles

PRICED EACH.



No. PHQ 5721
Size 15" x 2½"



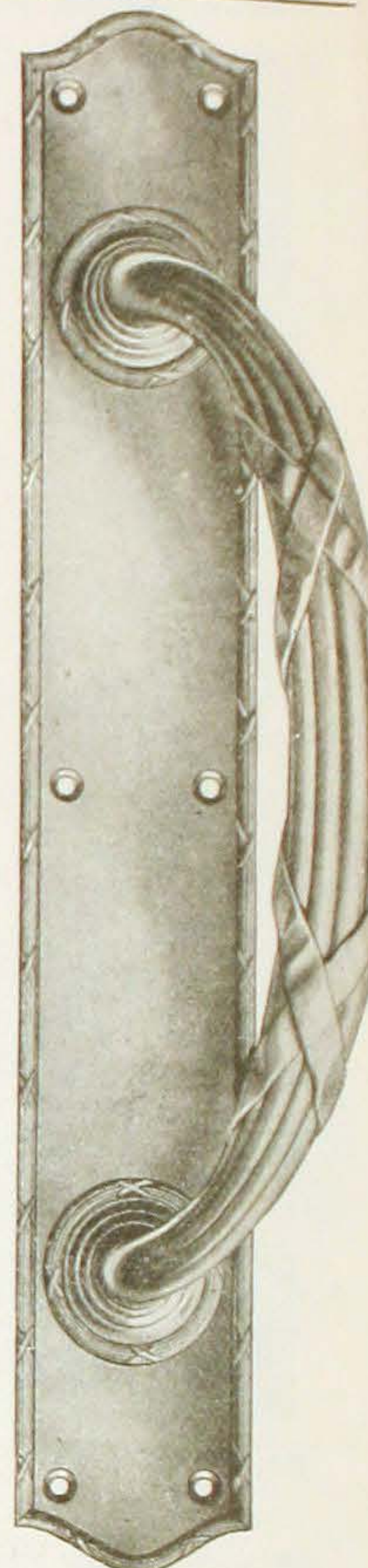
No. PHQ 5693
Size 17" x 3½"



No. PHO 5704
Size 14½" x 2½"



No. PHO 5650
Size 18" x 3"



No. PHO 5722
Size 16½" x 2½"



No. PHQ 5694

" B " Basis.

PRICES, EACH.

No.	Polished Brass.	C.B.&R. on Brass.	A.C.B.&R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
PHQ 5721	28/-	—	30/9	32/6	43/9
PHO 5693	52/6	55/3	—	59/6	66/6
PHO 5704	22/-	23/9	—	27/3	32/6
PHO 5650	31/6	33/9	—	36/9	42/-
PHO 5722	28/-	—	31/6	33/-	50/6
PHO 5694	45/6	48/3	—	50/-	56/-
PHQ 8998 Size 14¾" x 3"	17/6	20/3	—	22/-	—
PHQ 8998 Size 12" x 2½"	14/8	15/6	—	16/-	—

Extra for Chromium Plating Stainless for any of the above 10/6 each nett.

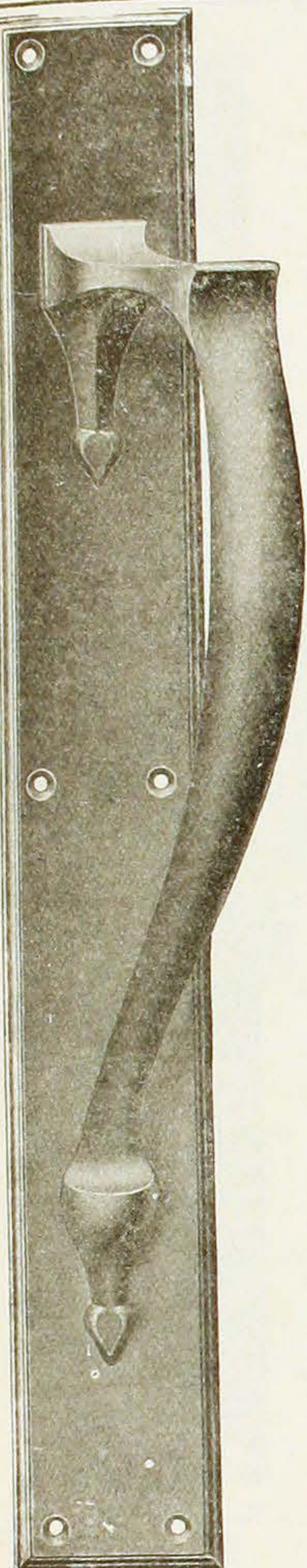
PHQ—Quick delivery.

PHO—To order only.

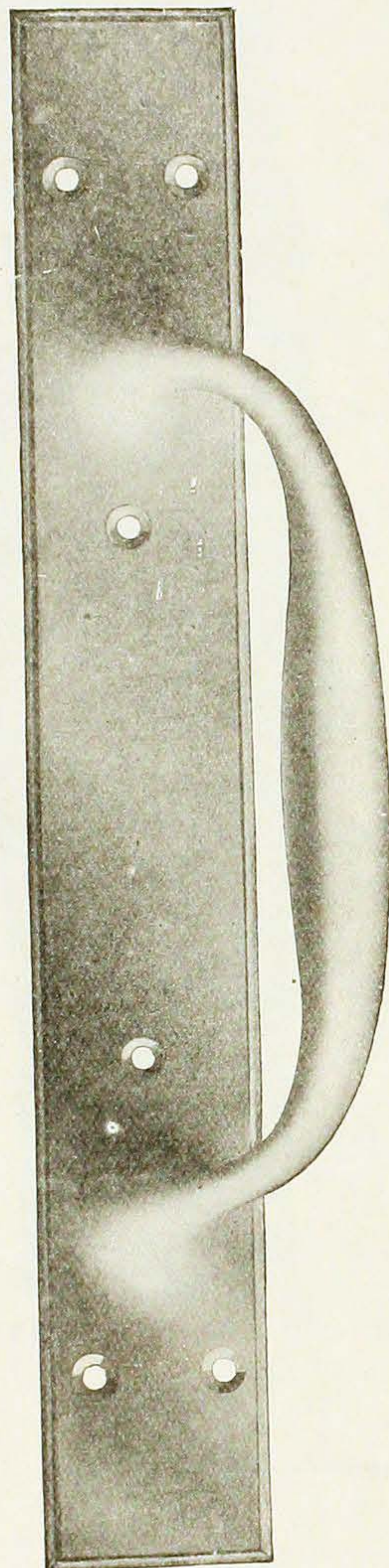
Door Handles

*Stocked only in Brass and B.M.A.

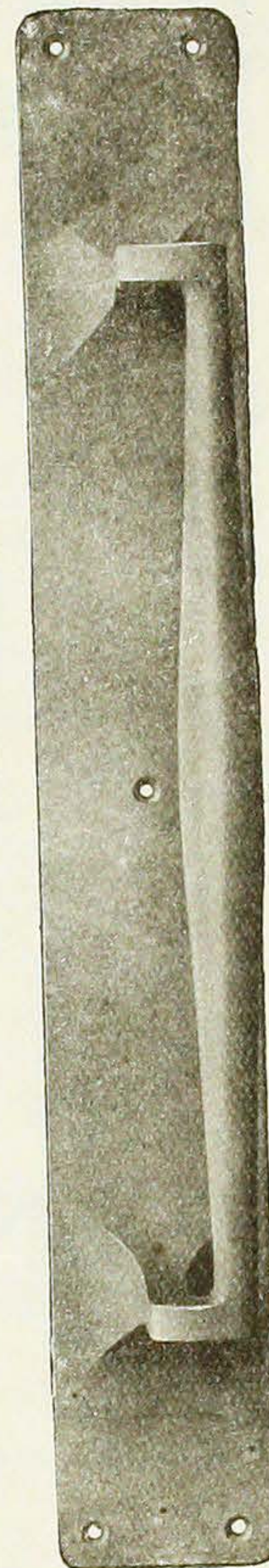
PRICED EACH.



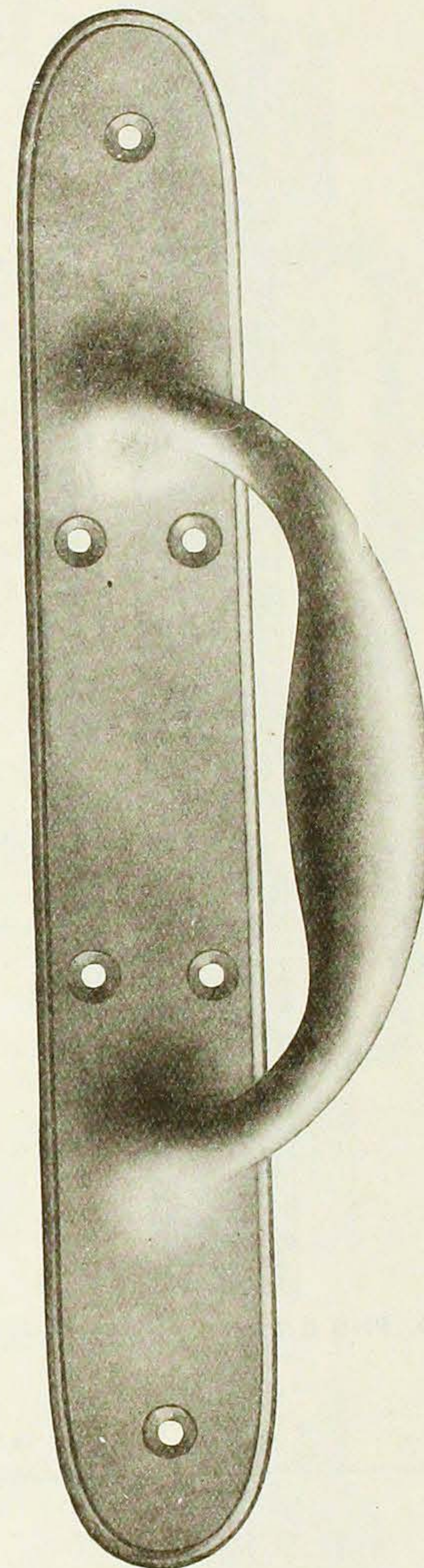
No. PHS*6533
Size 24" x 3"



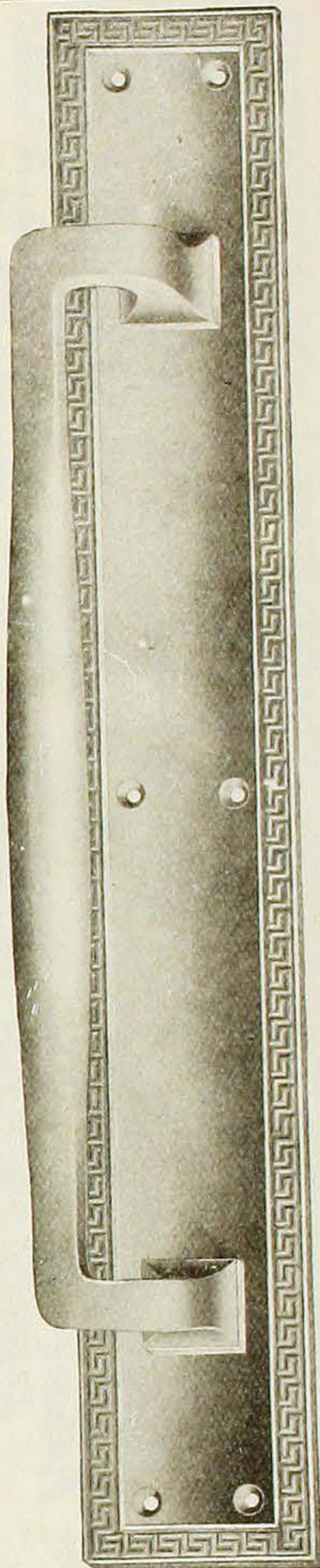
No. PHS*5686



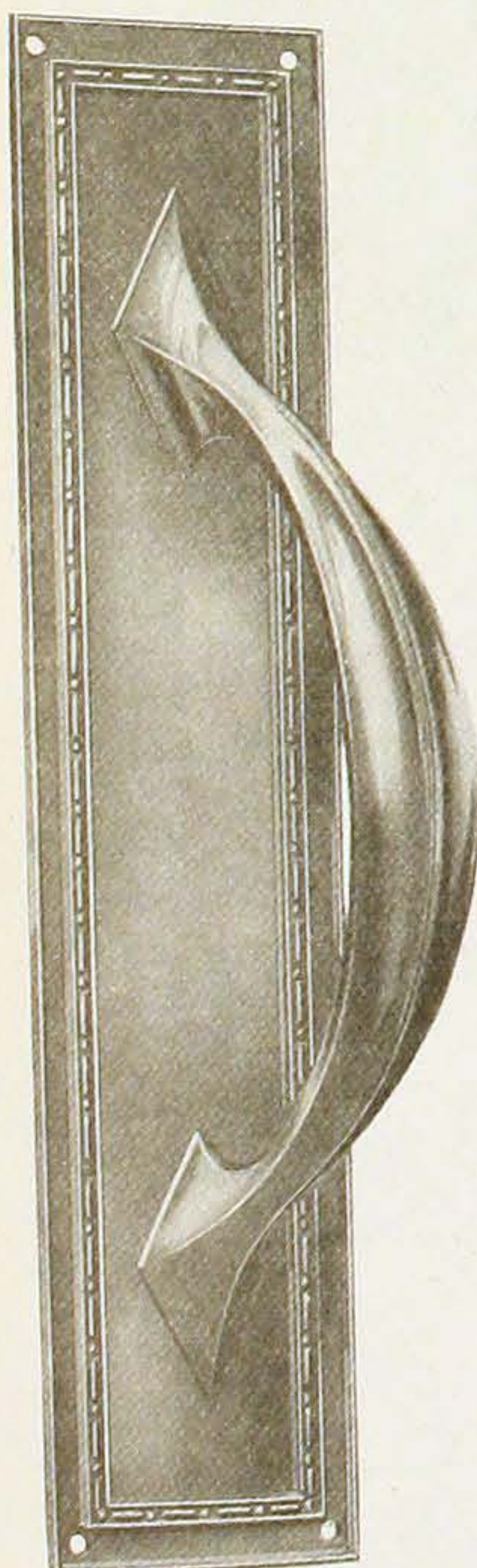
No. PHS*6535



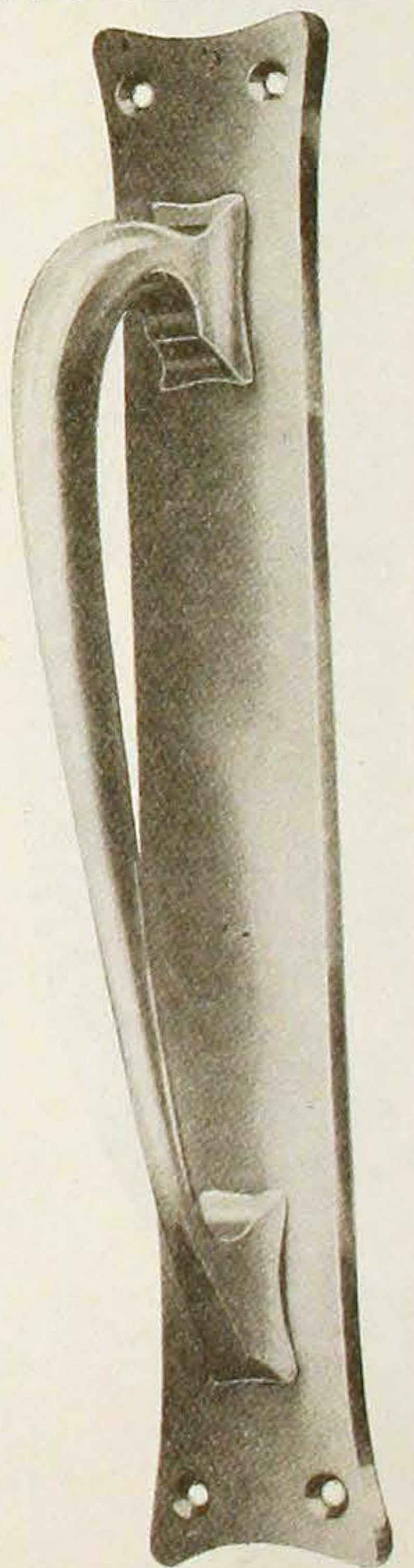
No. PHS*5685



No. PHO 6528 Size 17" x 2 1/2"



No. PHQ 5678
Size 12" x 2 1/2"



No. PHS*6539 Size 13" x 2 1/2"

" B " Basis.

PRICES, EACH.

No.		Polished Brass.	A.C.B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
PHS*6533	...	39/6	43/9	47/3	76/9
PHS*5686	Size 12" x 1 3/4"	12/-	12/9	14/3	16/3
	" 15" x 2 1/8"	17/6	19/3	22/-	24/2
	" 15 1/2" x 2 3/4"	21/-	23/-	28/-	30/3
PHS*6535	Size 12" x 2"	15/-	16/3	16/9	28/6
	" 15" x 2"	15/9	17/2	17/6	30/9
	" 18" x 2 1/2"	21/-	22/9	24/-	35/-
PHS*5685	Size 12" x 1 3/4"	12/-	12/9	14/3	16/3
	" 15" x 1 3/4"	17/6	19/3	22/-	24/2
	" 18" x 2 1/2"	27/3	29/-	32/6	39/4
PHO 6528	...	17/6	19/-	21/-	26/3
PHQ 5678	...	...	...	B.M.A. on Brass.	...
PHS*6539	...	8/6	10/6	10/6	15/-

Extra for Chromium Plating Stainless 10/- each nett except Nos. PHS 6533 and 6528 20/- each nett.

PHS*—Stocked only in Brass and B.M.A.;

PHQ—Quick delivery;

PHO—To order on

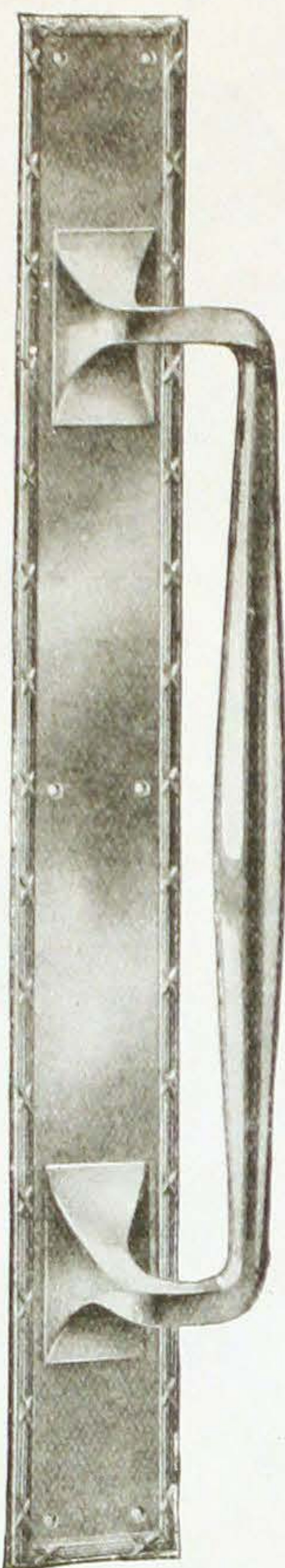
PRICED EACH

Door Handles

*Stocked only in Brass & B.M.A.



No. PHO 6532 Size 14" x 3"



No. PHQ 6530 Size 22 1/2" x 2 1/8"



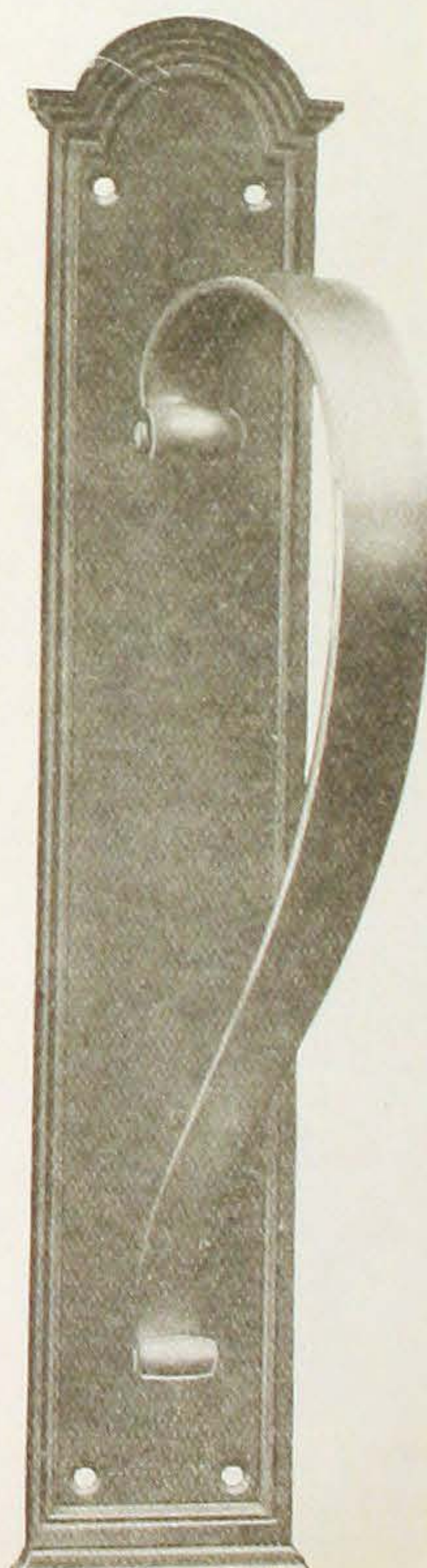
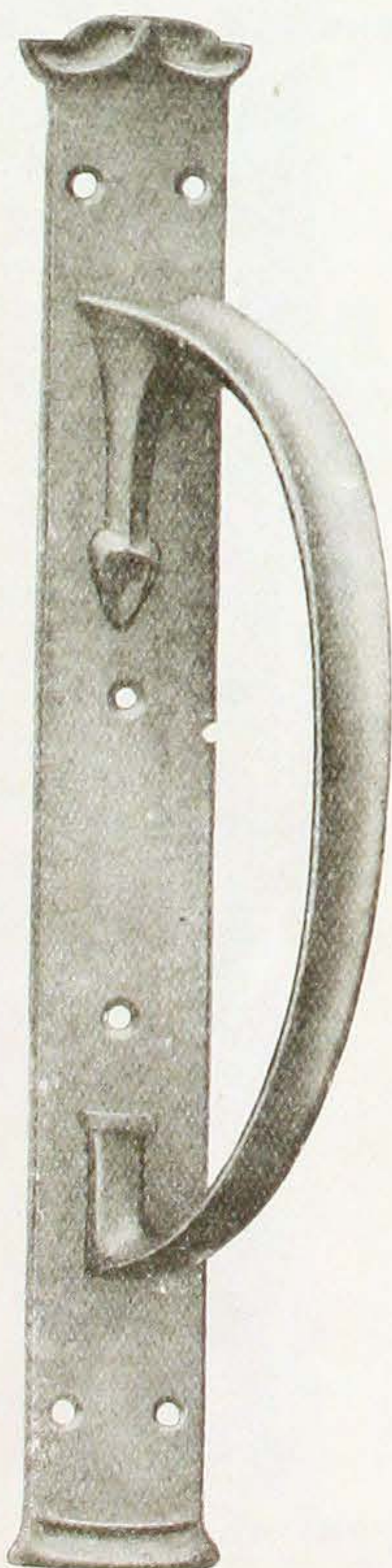
No. PHQ 6531 Size 15" x 2 1/4"



No. PHS*5691



No. PHS*5659



" B " Basis.

PRICES EACH.

No.		Polished Brass.	C.B.&R. on Brass.	A.C.B.&R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
PHO 6532	...	91/-	95/6	—	100/9	113/9
PHQ 6530	...	25/6	—	28/-	30/9	43/9
PHQ 6531	...	24/6	—	27/3	30/-	43/9
PHS*5691						
Size 12" x 1 1/8"	...	9/9	10/3	—	11/-	14/-
„ 14" x 2 1/8"	...	12/9	13/6	—	15/6	19/3
„ 15" x 2 1/8"	...	13/6	14/6	—	16/3	20/3
PHS*5659						
Size 13" x 2"	...	10/6	11/10	—	13/2	17/6
„ 15" x 2 1/2"	...	12/3	13/6	—	15/-	20/3
„ 16" x 2 3/4"	...	15/-	16/9	—	18/6	24/6
PHS*5649	...	15/-	16/9	—	18/-	21/6
PHS*5723	...	14/-	16/-	—	16/9	24/6

Extra for Chromium Plating Stainless for Nos. PHS 5691 and PHS*5659
10/6 each nett. Remainder pro rata.

PHS—Stocked only in Brass & B.M.A.

PRICED EACH.

Door Handles

No. PHS*5658 Size 16" x 3"

Polished Brass	21/- each.
C. B. and R. on Brass ..	22/9 "
Bronze Metal Antique ..	25/6 "
Oxidized Silver on White Metal ..	30/9 "

No. PHO 2300 Registered. Size 16" x 2 1/2"

Polished Brass	22/- each.
C. B. and R. on Brass ..	23/9 "
Bronze Metal Antique ..	26/3 "
Oxidized Silver on White Metal ..	32/6 "

No. PHS*2330

12" x 1 1/2" 15" x 2 1/4"

Polished Brass	10/3	16/- each.
C. B. and R. on Brass ..	12/-	18/- "
Bronze Metal Antique ..	13/9	21/- "
Oxidized Silver on White Metal ..	17/-	24/9 "

No. PHO 2307 Registered. Size 15" x 2 1/4"

Polished Brass	14/- each.
C. B. and R. on Brass ..	15/6 "
Bronze Metal Antique ..	16/9 "
Oxidized Silver on White Metal ..	22/- "

No. PHS*5662 Registered. Size 15" x 2 1/4"

Polished Brass	14/- each.
C. B. and R. on Brass ..	15/6 "
Bronze Metal Antique ..	17/6 "
Oxidized Silver on White Metal ..	23/9 "

No. PHO 2312 Size 13" x 2"

Polished Brass	17/6 each.
A. C. B. and R. on Brass ..	20/- "
Bronze Metal Antique ..	21/- "
Oxidized Silver on White Metal ..	32/6 "

No. PHO 2315

Size 11" x 2"	10/6 each.
Gun Metal. Ebony Grip.	

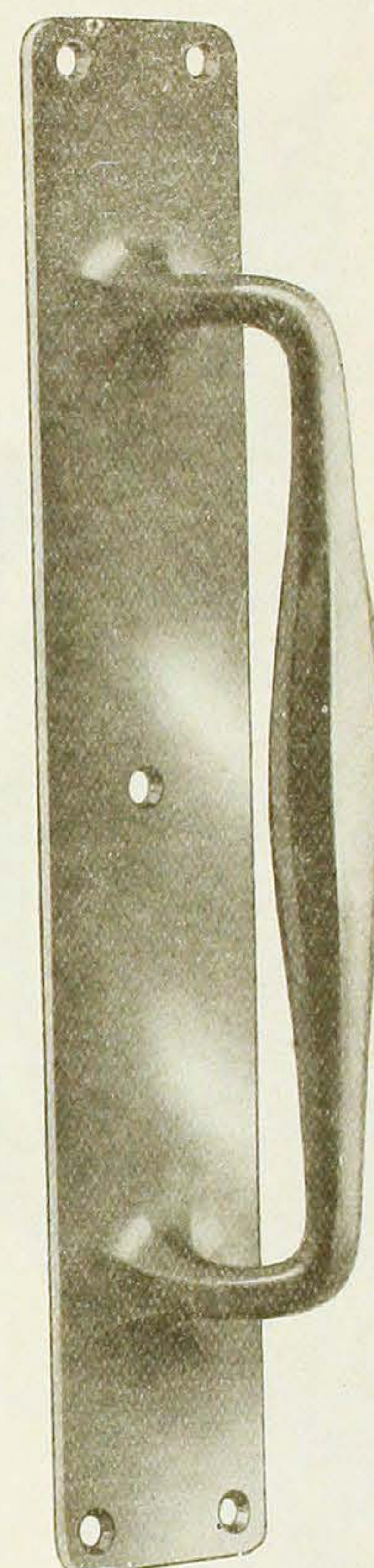
No. PHO 2311

Size 14" x 2"	14/6 each.
Gun Metal. Ebony Grip.	

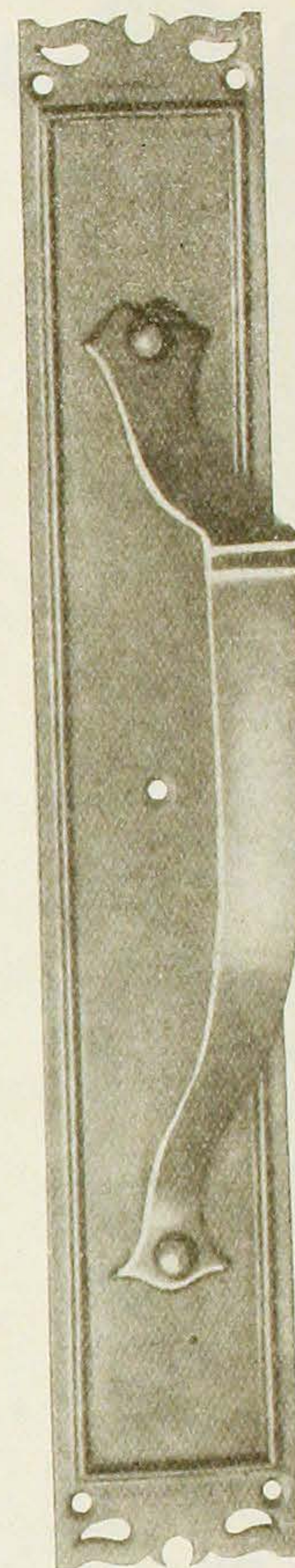
No. PHS*5775 Size 15" x 2 1/2"

Polished Brass	14/6 each.
C. B. and R. on Brass ..	16/- "
Bronze Metal Antique ..	16/6 "
Oxidized Silver on White Metal ..	20/- "

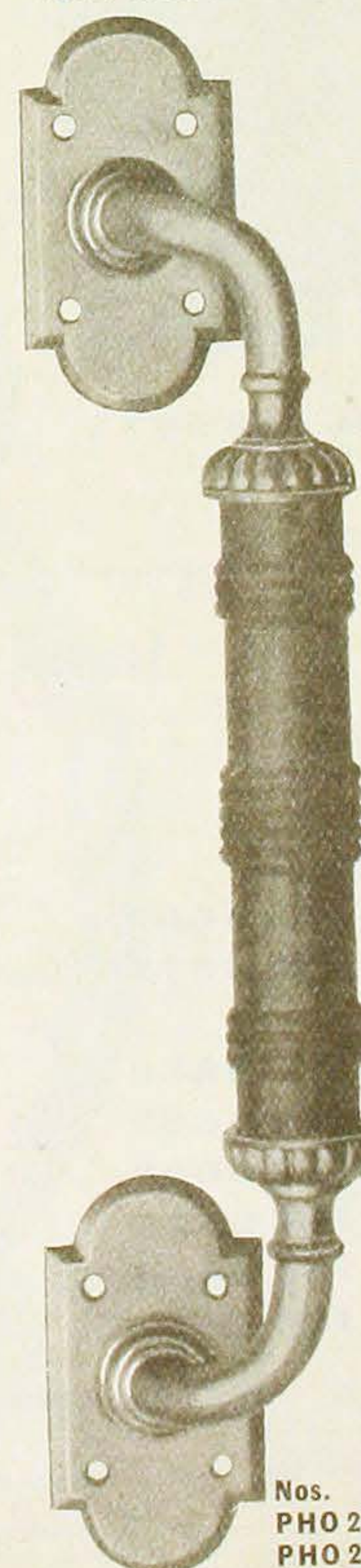
Extra for Chromium Plating Stainless
for any of above, 10/- each nett.



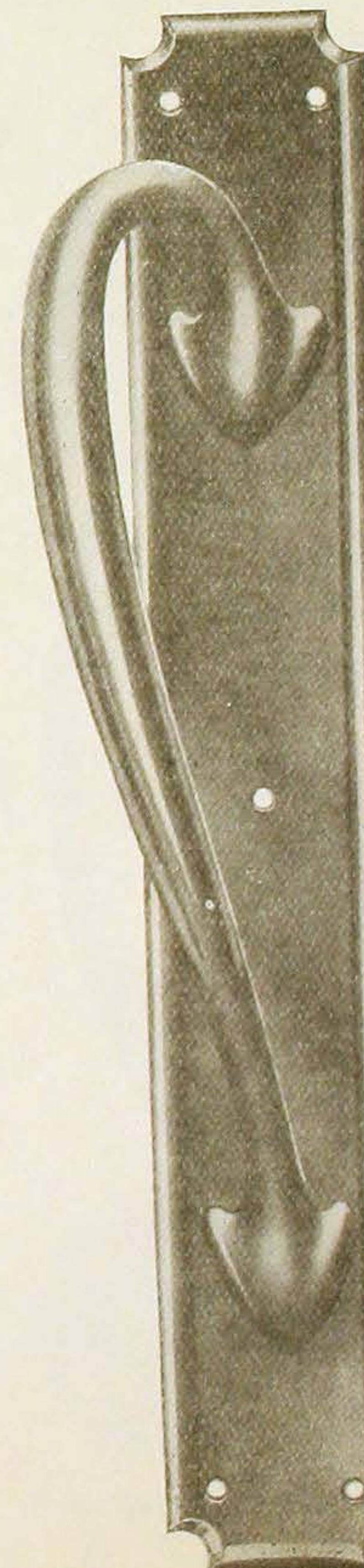
No. PHS 2330



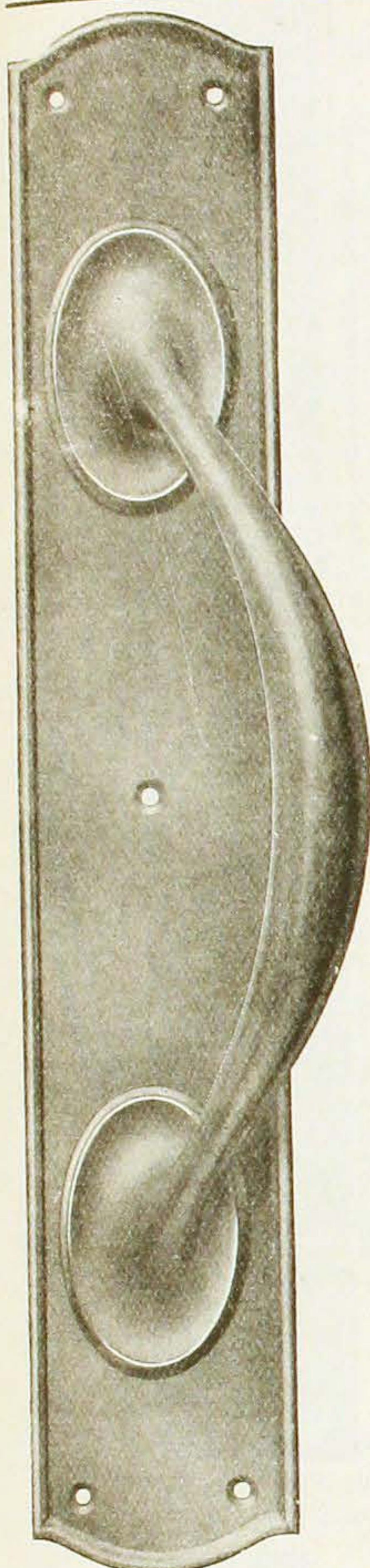
No. PHO 2307



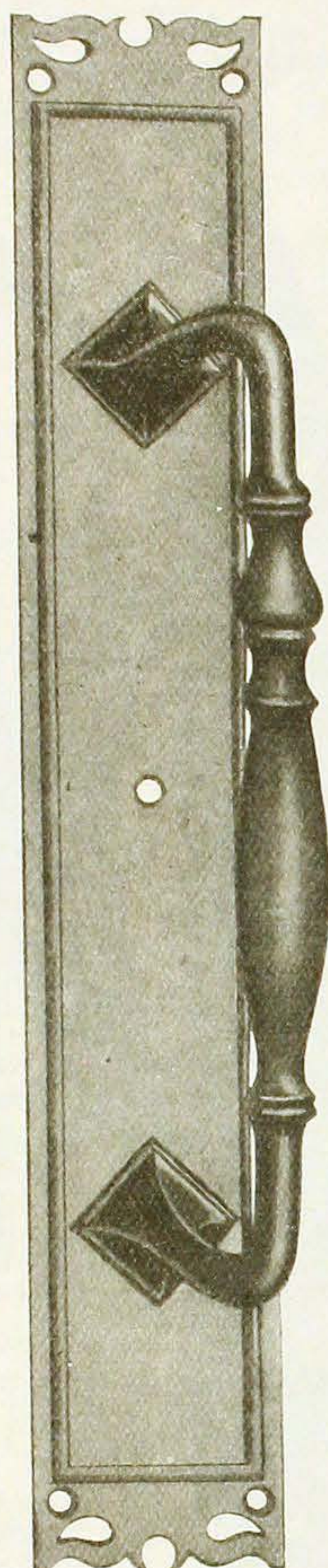
Nos.
PHO 2315
PHO 2311
Gun-Metal. Ebony Grip.



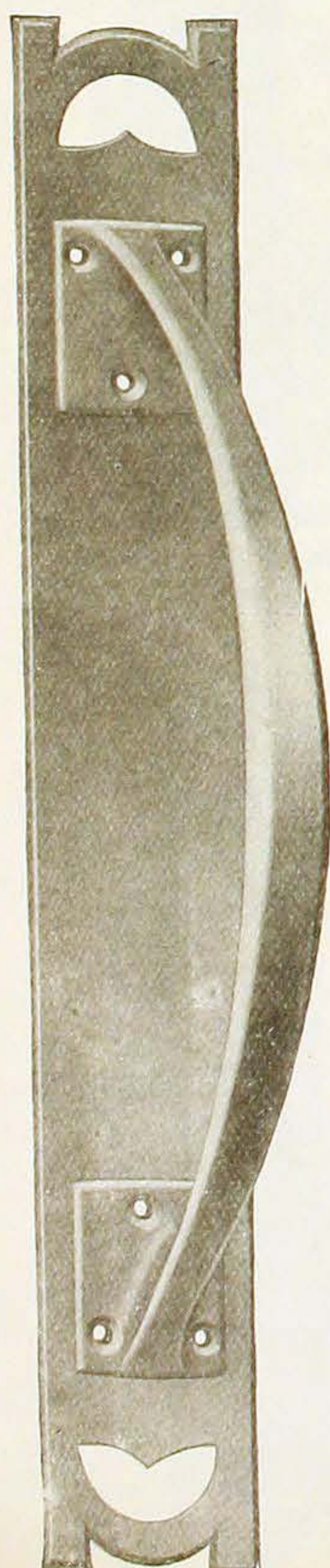
No. PHS 5775



No. PHS 5658



No. PHO 2300



No. PHO 2312

PHS—*Stock Lines; PHO—To order only.

*Stocked only in Brass and B.M.A.

"B" Basis.



No. PHQ 5667
Registered.
Size 16" x 3"

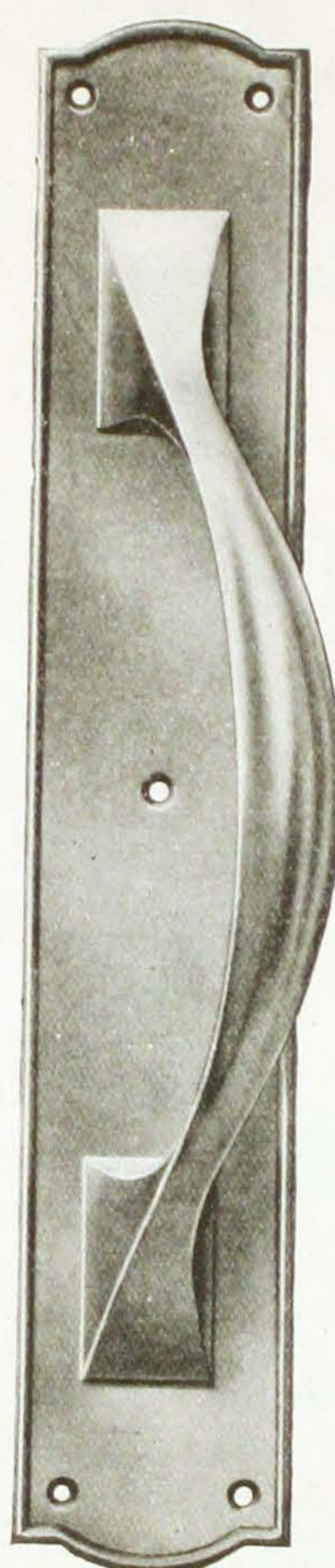
PRICED
EACH.

Door Handles

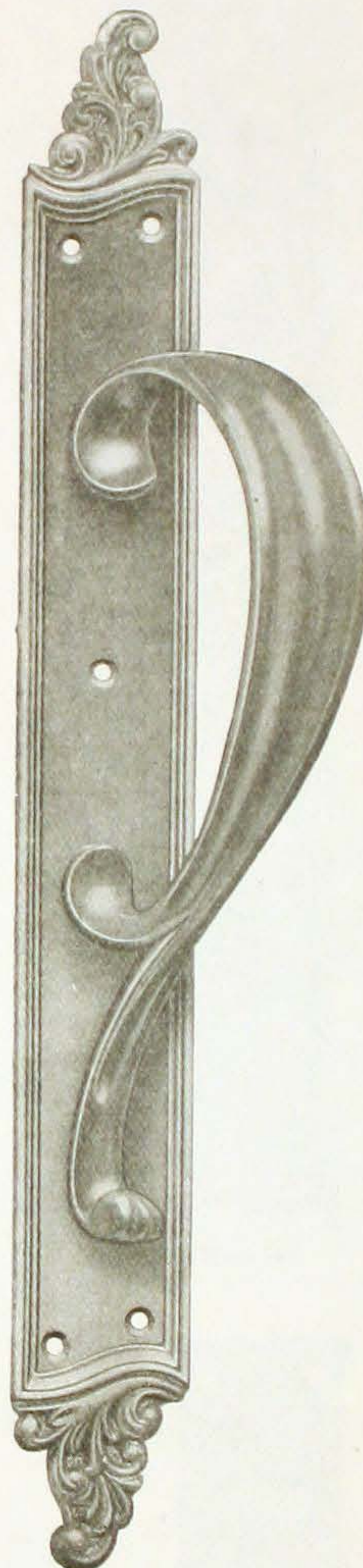
*Stocked only in
Brass & B.M.A.



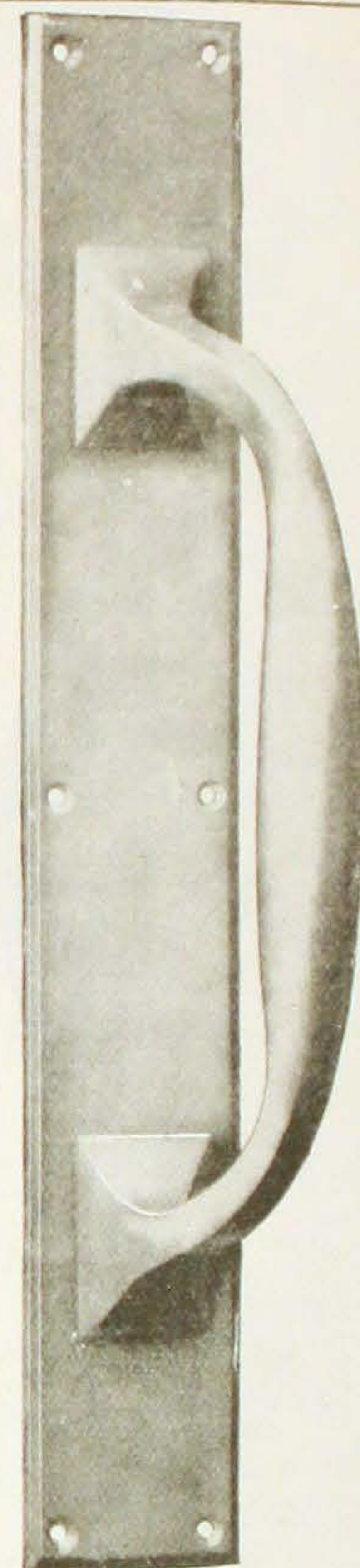
No. PHQ 5671
3" wide.



No. PHS*5656
Size 17" x 3"



No. PHS*5683
Size 18" x 2 1/4"



No. PHQ 8999
Size 15 1/8" x 2 1/4"



No. PHO 5666
Size 6" x 1 1/2"

" B " Basis.

PRICES, EACH.

No.			Polished Brass.	C.B.&R. Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
PHQ 5667	...	...	30/9	32/6	35/-	42/-
PHQ 5671	Size 16" x 3"	...	22/9	24/6	29/-	35/-
	Size 18" x 3"	...	35/-	37/9	43/9	52/6
PHS*5656	...	...	29/-	31/6	34/3	40/3
PHS*5683	...	...	26/6	29/-	32/9	36/-
PHQ 8999	...	...	17/6	20/3	22/-	—
PHO 6529	...	...	14/-	15/-	15/9	20/3
PHO 5666	...	...	3/9	4/2	4/3	5/3
PHO 5682	...	...	18/6	19/3	20/3	24/6

Extra for Chromium Plating Stainless for first four numbers, 10/6 each nett ;
remainder pro rata.



No. PHO 6529
Size 13 3/4" x 2"



PHS—Stocked only in Brass and B.M.A.; PHO—Quick delivery :

Stocked only in Brass and B.M.A.

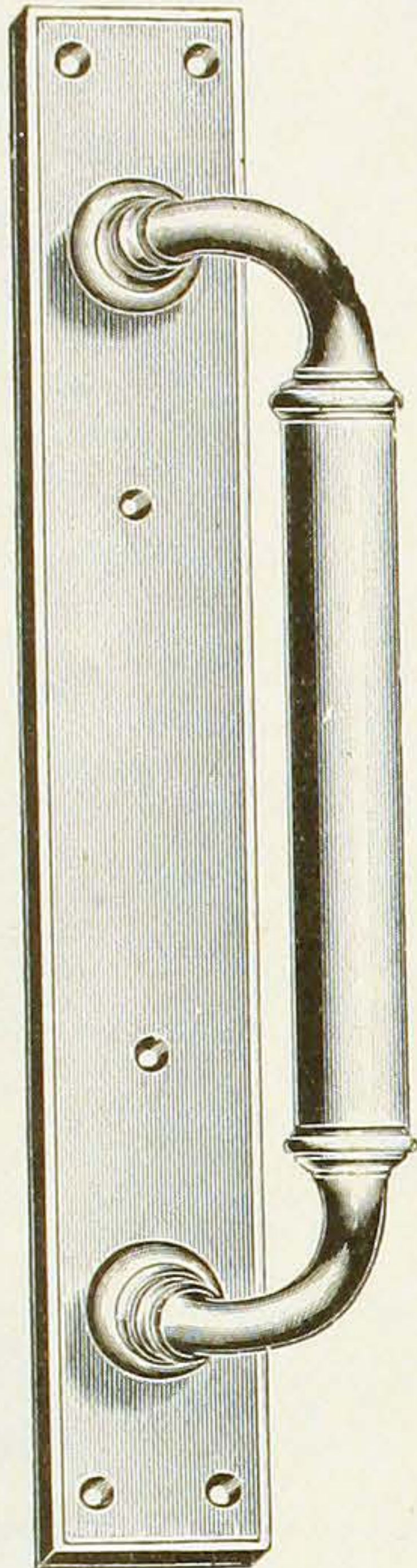
Door, Sash and Screen Handles

PRICED EACH

No. PHS*2338

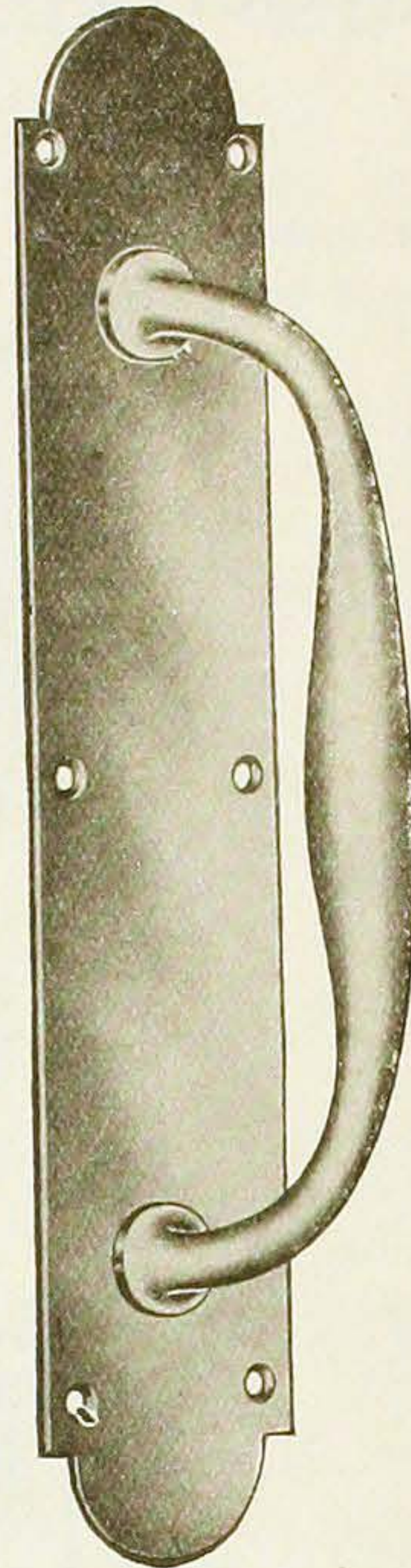
Width, 1 3/4".

Length given in panel below.



No. PHS*5657

Size 12" x 2"



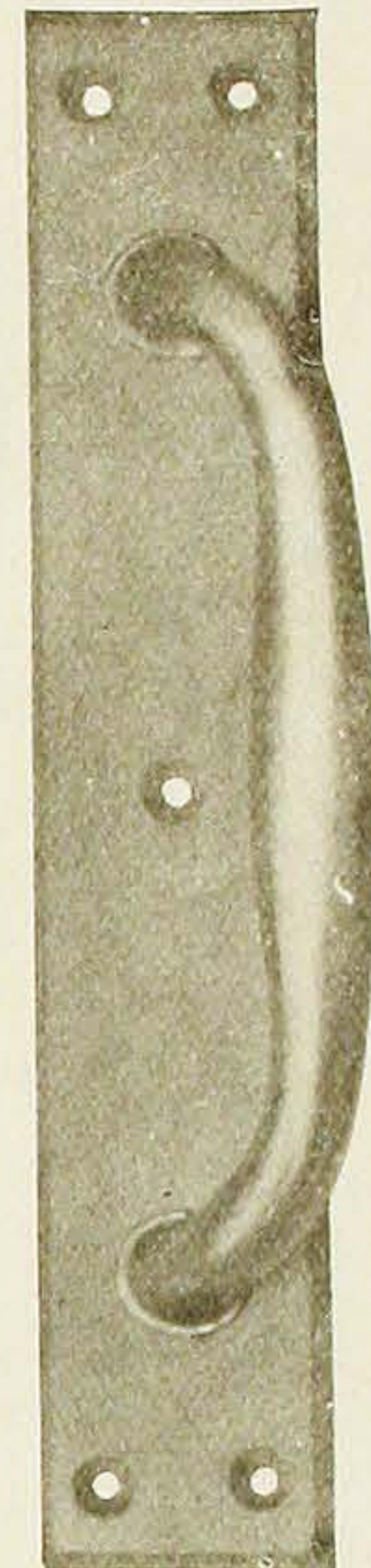
No. PHS*2350

Size 10".

No. PHS*2370

Size 11 1/2"

Extra for Chromium Plating Stainless for these four Handles, 9/- each nett.



No. PHS*5672

Size 12" x 1 3/4"



PRICES, EACH.

	PHS* 2338			PHS* 5657	PHS* 2350	PHS* 2370	PHS* 5672	PHS* 5702	PHS* 5710	PHS* 5706	PHS* 2308
	9"	10 1/2"	12"						9" x 2 1/4"	10" x 2 1/2"	
Finish.											
Polished Brass	6/9	7/6	8/4	8/-	8/3	11/2	7/-	7/-	6/3	9/3	7/-
C. B. and R. on Brass	8/-	9/-	10/-	—	—	—	8/-	7/8	6/9	10/3	8/-
A. C. B. and R. on Brass	—	—	—	9/3	—	—	—	—	—	—	—
Bronze Metal Antique	9/-	10/-	11/4	10/2	10/3	13/-	8/9	9/8	9/8	12/3	8/4
Ox. Silver on White Metal	11/8	13/-	14/6	15/9	—	—	11/6	11/6	10/3	14/6	10/6
B.M.A. on Gun Metal	—	—	—	—	13/6	17/6	—	—	—	—	—
Gun-Metal	—	—	—	—	11/9	15/6	—	—	—	—	—

"B" Basis.

No. PHS*5702

Registered.
Size 11 1/2" x 2"



No. PHS*5710

Sizes in panel above.



No. PHS*5706

Size 10 1/2" x 2"



No. PHS* 2308

With Ebony Grip.
Size 12" x 2 1/2"



Extra for Chromium Plating Stainless for these four handles, 4/6 each nett.

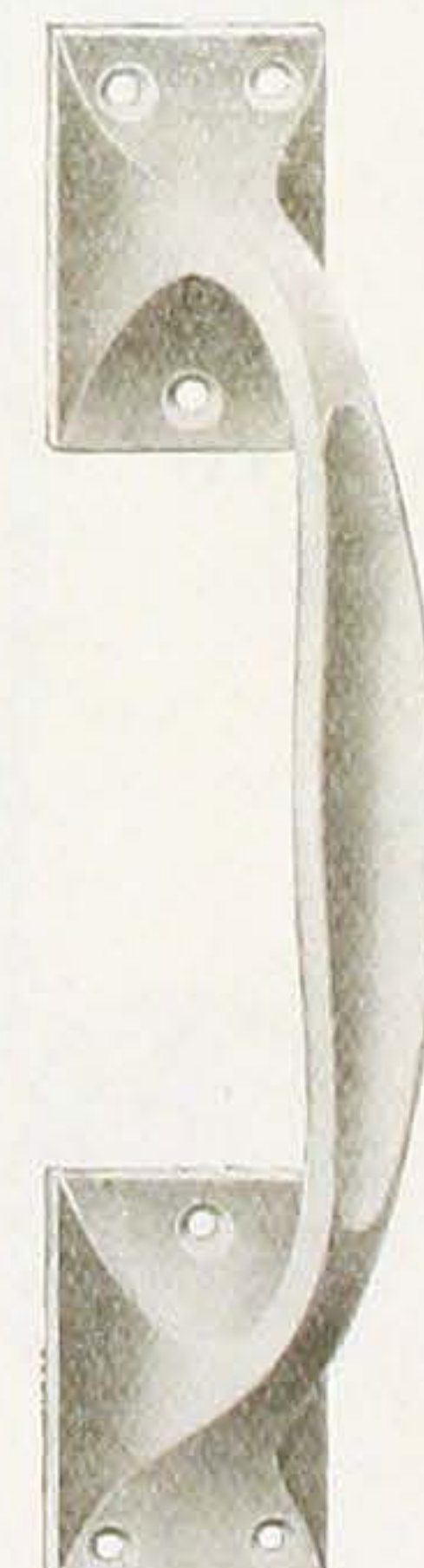
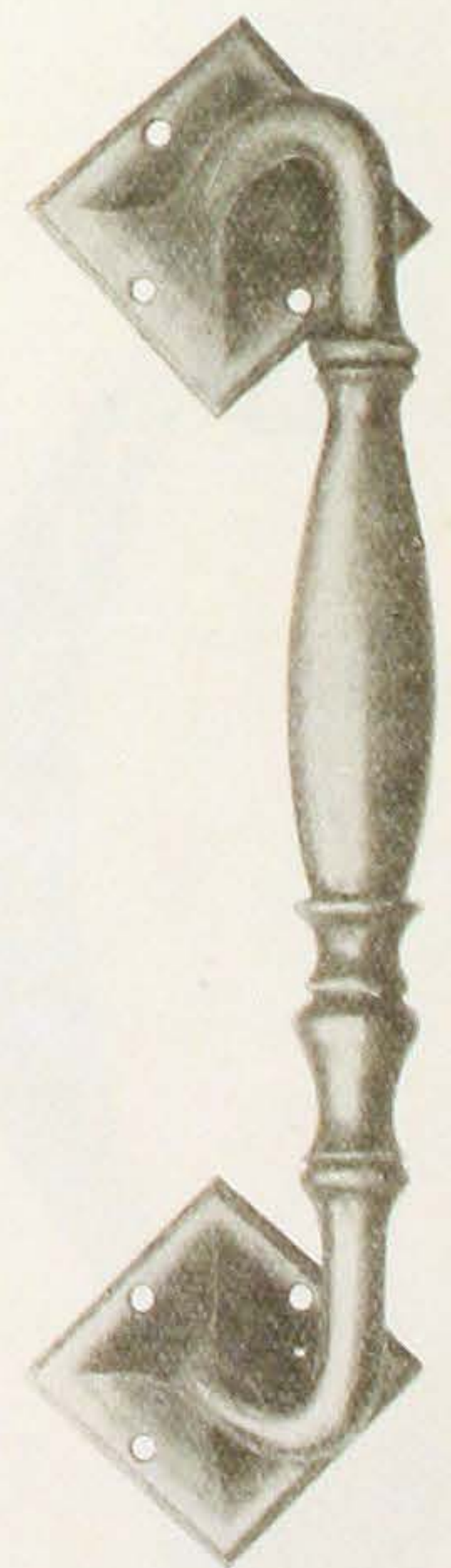
PRICED
EACH.*Stocked only in
Brass and B.M.A.

Door, Sash and Screen Handles

No. PHS*5699
Registered.No. PHS*5703
Registered.
Size 11" x 1 1/2"No. PHS*6538
Size 10 1/2"No. PHS*6536
Size 10"

PRICES, EACH.														
		PHS* 5699			PHS* 5703	PHS* 6538	PHS* 6536	PHS* 5701	PHS* 2310			PHS* 6537	PHS* 2309	
Finish.		11" 12" 14"							8½" 9" 9½"		11"			
Polished Brass	...	9/3	10/6	13/3	7/-	8/9	10/2	12/3	5/9	6/-	6/2	8/9	7/6	10/6
C. B. and R. on Brass	...	10/-	11/6	14/-	7/8	—	—	13/2	6/4	6/6	6/10	9/8	—	11/6
A. C. B. and R. on Brass	...	—	—	—	—	10/-	11/6	—	—	—	—	—	8/6	—
Bronze Metal Antique	...	10/6	12/3	15/-	8/-	10/6	12/-	15/9	7/8	8/-	8/3	11/8	9/3	12/3
Oxidized Silver on White Metal	13/3	15/4	18/-	—	10/6	16/9	19/3	17/6	8/10	9/3	9/8	13/6	15/-	15/-
" B " Basis.														

"B" Basis.

No. PHS*5701
Registered.
Size 12" x 1 1/2"No. PHS*2310
Registered.No. PHS*6537
Size 7 3/4" overall.No. PHS*2309
Size 10 3/4" overall.

"B" Basis.

Extra for Chromium Plating Stainless for any of the above, 6/- each nett.

All PHS*—Stocked only in Brass and B.M.A.

Door and Sash Handles



No. PHS*5746 Size 4½"
dozen. each.
Polished Brass ... 12/3 1/1
C. B. & R. on Brass ... 14/- 1/3
Bronze Metal Antique ... 16/8 1/5
Oxidized Silver on White Metal ... 24/6 2/2

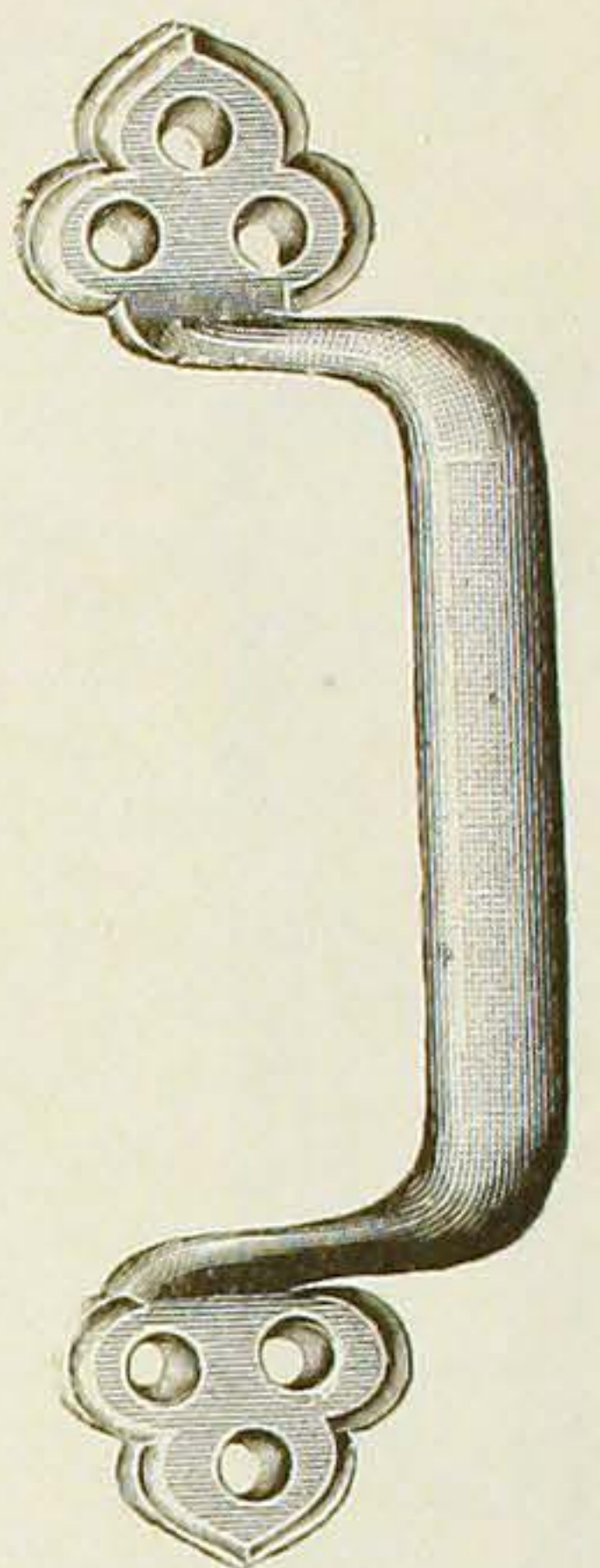


No. PHS*5711 Size 5"
dozen. each.
Polished Brass ... 21/- 1/10
C. B. & R. on Brass ... 24/6 2/2
Bronze Metal Antique ... 25/- 2/3
Oxidized Silver on White Metal ... 42/- 3/8

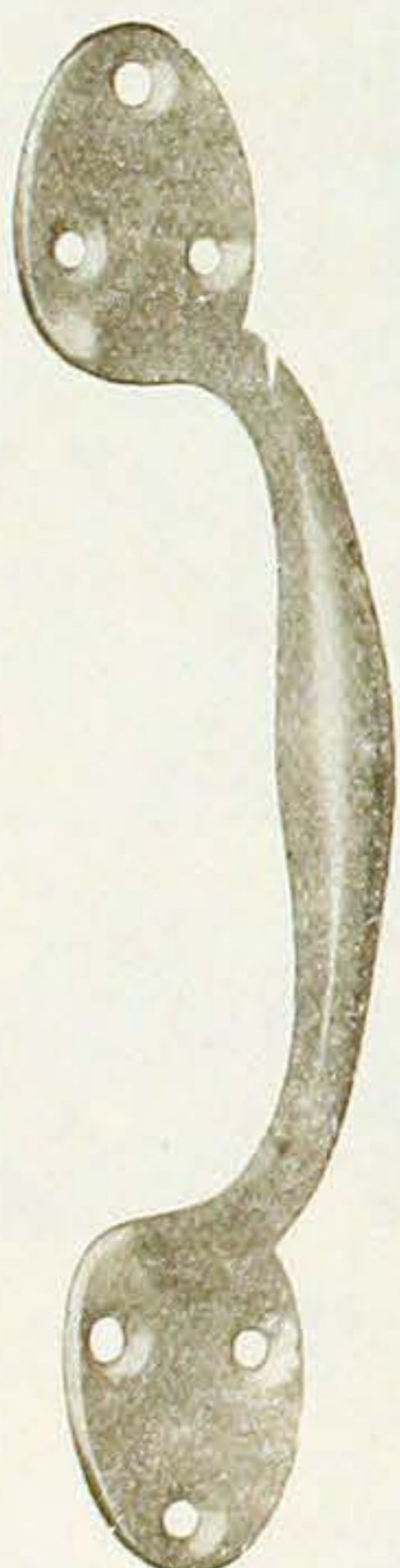
*Stocked only in Brass and B.M.A.



No. PHS*2351
Each. Extra strong.
6¼" 7½" 7½"
Polished Brass ... 3/3 4/- 5/3
C. B. & R. on Brass ... 3/6 4/4 5/9
Bronze Metal Ant. ... 3/6 4/8 6/6
Ox. Silver on White Metal ... 5/- 6/3 8/4



No. PHS*5748 Size 7¼"
dozen. each.
Polished Brass ... 26/3 2/4
C. B. & R. on Brass ... 35/- 3/1
Bronze Metal Antique ... 35/- 3/1
Oxidized Silver on White Metal ... 55/3 4/9



No. PHS*5713
Size 5½"



No. PHS*5769
Size 6"



No. PHS*5768
Sizes in panel below.



No. PHS*5708
Size 6"



No. PHS*2362
Sizes in panel below



No. PHS*5747
Size 7¼"

No.	Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxydized Silver on White Metal.	
	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
PHS*5713	28/-	2/6	34/-	3/-	35/-	3/1	54/-	4/8
PHS*5769	12/3	1/1	14/-	1/3	15/-	1/4	20/3	1/9
PHS*5768								
Size 6"	18/10	1/8	22/9	2/-	22/9	2/-	36/9	3/2
" 7¼"	22/-	2/-	28/-	2/6	29/-	2/7	47/3	4/2
" 7½"	15/9	1/5	18/6	1/8	21/-	1/10	23/9	2/1
PHS*5708								
PHS*2362								
Size 4½"	7/3	8d.	9/6	10d.	9/8	11d.	16/9	1/6
" 5"	8/6	9d.	10/9	1/-	11/6	1/1	18/6	1/8
" 5½"	9/9	11d.	12/-	1/1	13/2	1/3	20/3	1/10
" 6"	12/-	1/1	15/2	1/5	15/9	1/6	24/6	2/2
" 6½"	13/9	1/3	16/10	1/7	18/6	1/8	27/3	2/5
" 7"	15/6	1/5	18/8	1/8	20/9	1/10	31/-	2/9
PHS*5747	27/-	2/4	30/-	2/8	32/6	2/10	42/-	3/8
PHS*5707	29/9	2/8	32/6	2/10	42/-	3/8	46/6	4/-

" B " Basis.

Extra for Chromium Plating Stainless for any of the above Handles from 3/- each nett upwards.

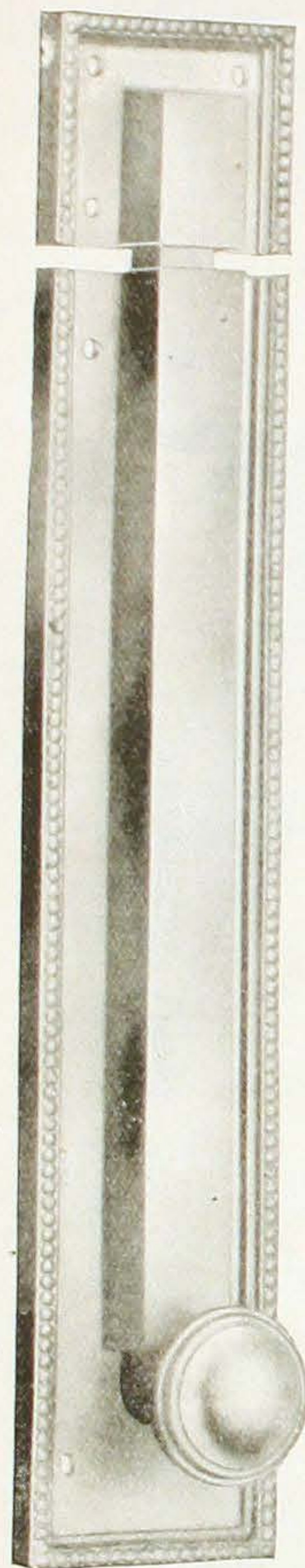
All PHS—Stock Lines.

*Stocked only in Brass and B.M.A.

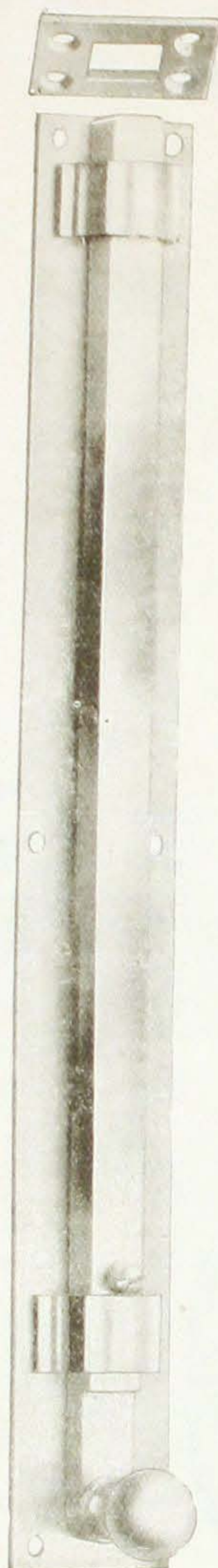
" B " Ba

Hall Door Bolts, etc.

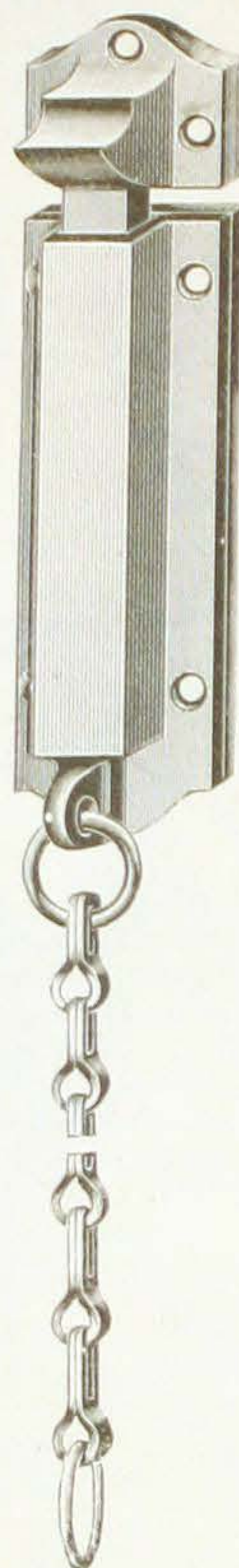
PRICED EACH.



No. PHQ 9277
Priced below.



No. PHQ 9278
Priced below.

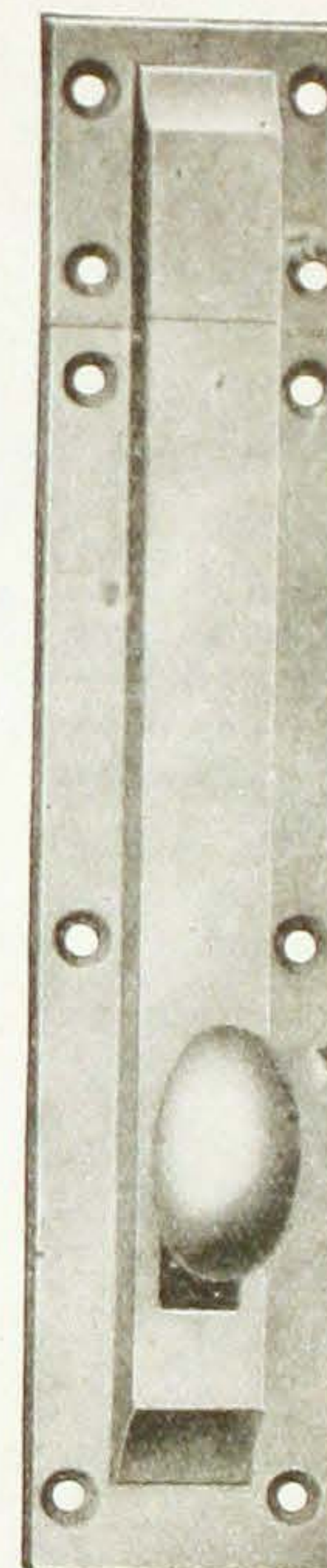


No. PHQ 9275
CAST BRASS DOOR BOLT.
With 24" Chain.

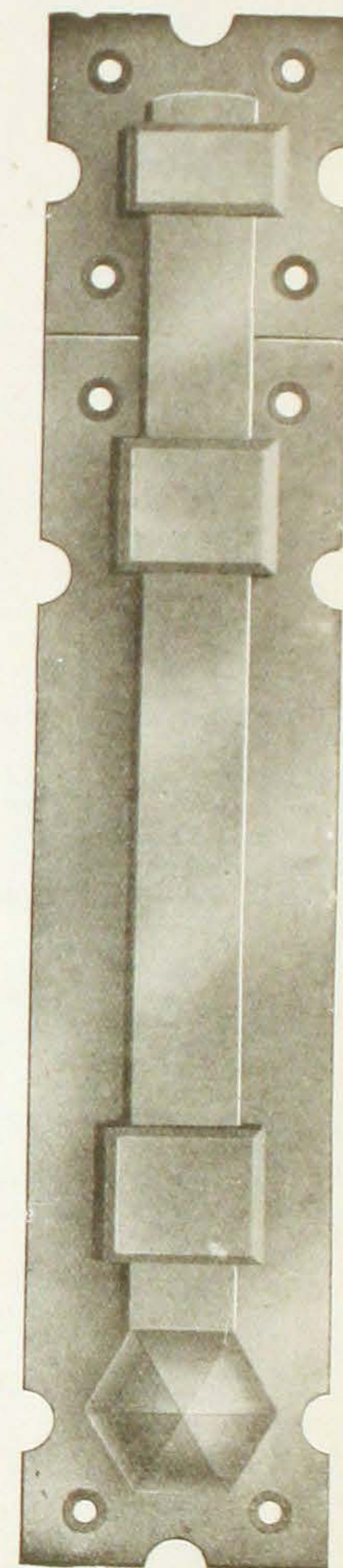
Size.	Polished Brass.	Antique Copper on Brass.
3" x 1 1/4"	4/3	4/8 each.
4" x 1 1/4"	5/-	5/6 "
5" x 1 1/4"	5/9	6/4 "
6" x 1 1/4"	6/8	7/6 "



No. PHQ 9279
Priced below.



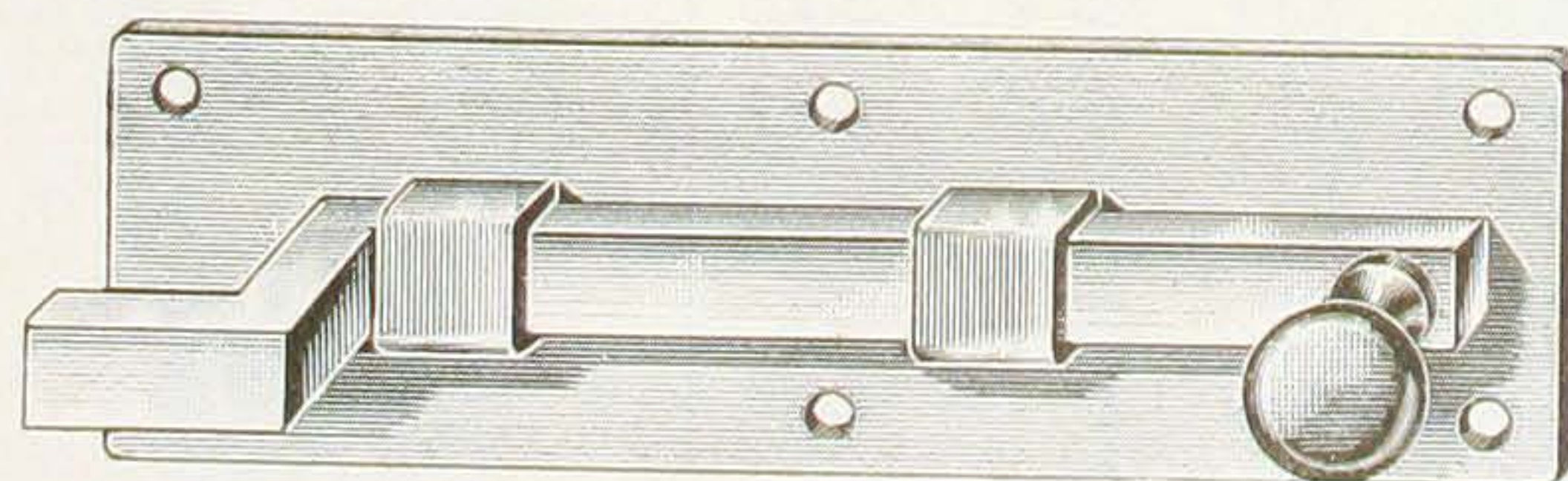
No. PHQ 9276
STAPLE BOLT.
Iron Backs, 6" x 1 1/2"
Rods, 1/2" x 1/4"
Brass .. 7/4 each.
B.M.A. .. 9/3 "



No. PHQ 5726
Plate 2 1/2" wide.
Priced below.

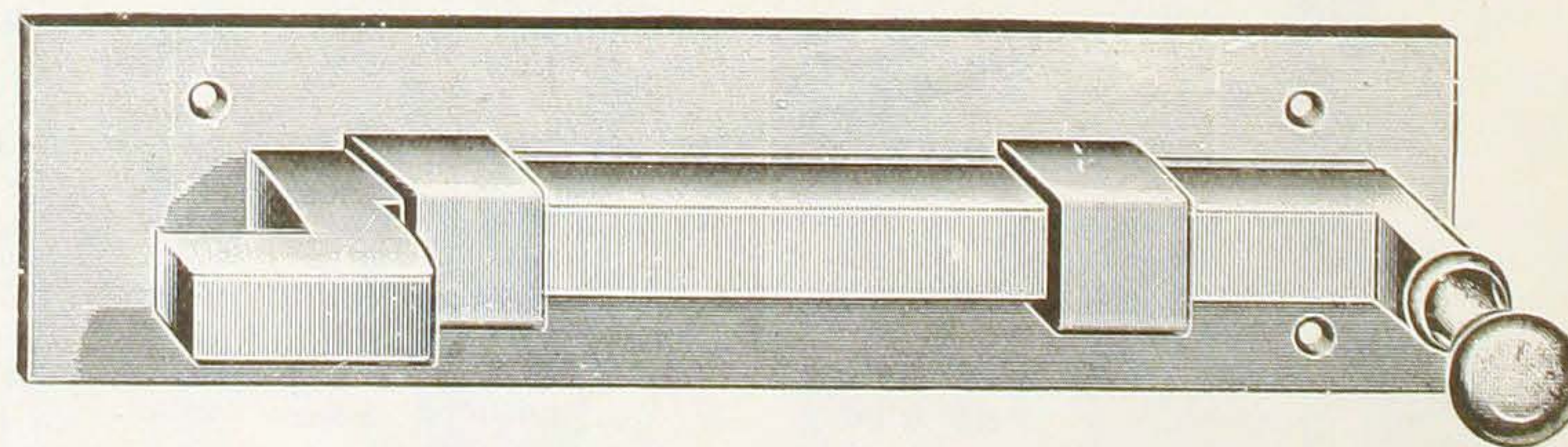
Size.	No. PHQ	9277	9278	9279	5726	9277	9278	9279	5726	9277	9278	9279	5726	9277	9278	9279	5726
6"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
10"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
12"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
24"	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Iron Cupboard Bolts



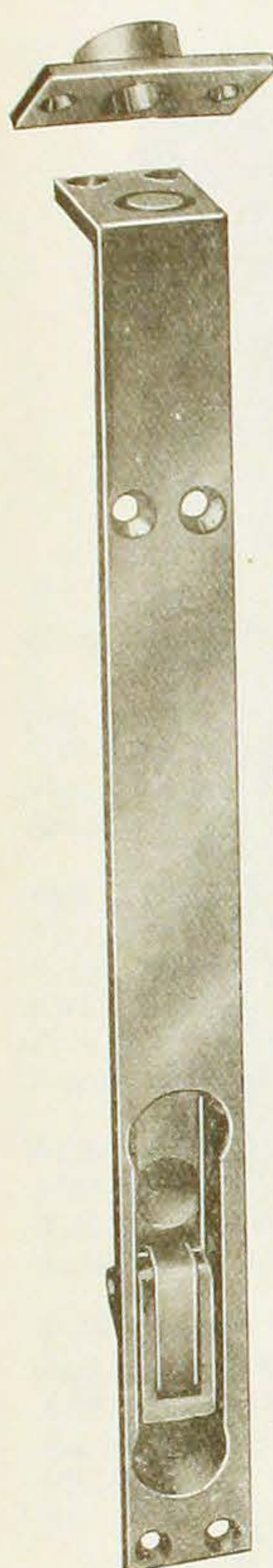
No. PHS 9287 STRONG SQUARE CUPBOARD BOLT.
With Brass Knob. Straight or Necked.

Size	3"	3 1/2"	4"	5"	6"
Bright	8/2	8/9	9/4	11/3	12/- dozen.
"	9d.	10d.	11d.	1/-	1/2 each.



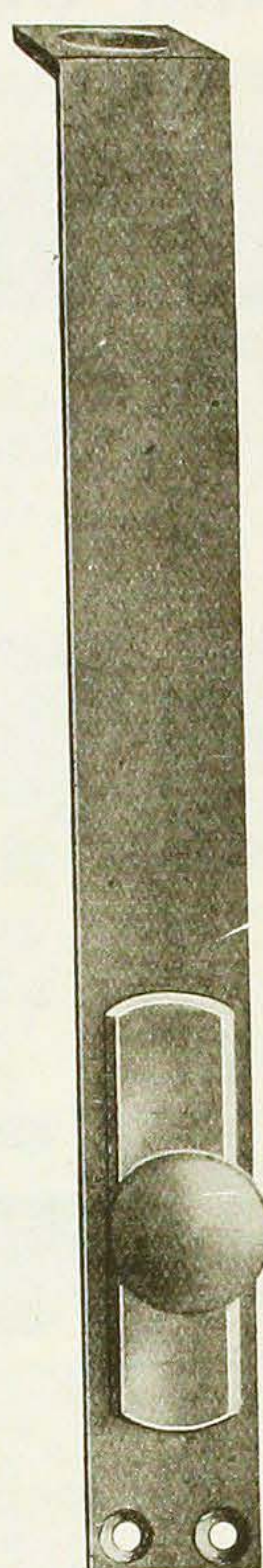
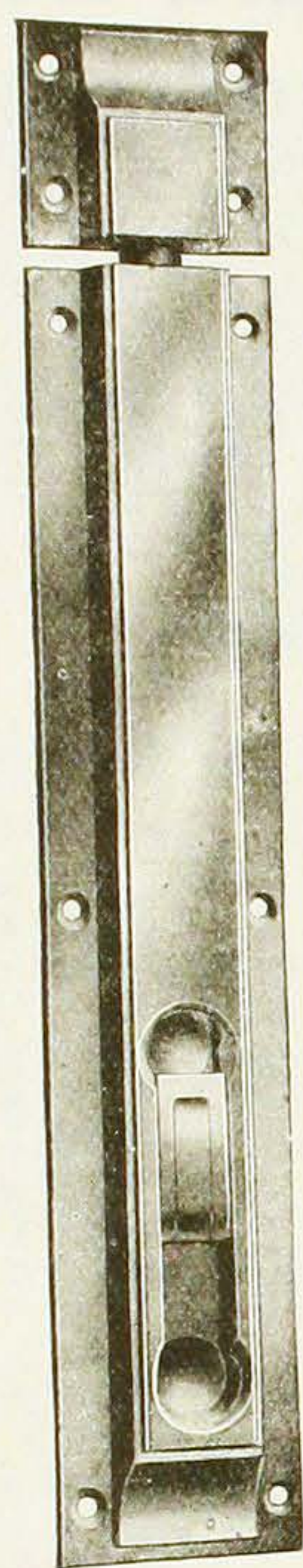
No. PHS 450 SQUARE CUPBOARD BOLT.
With Staples, Plate and Bolt, all Polished Bright. Brass Knob.
Size .. 3" 3 1/2" 4" 5" 6"
Price .. 4/1 4/9 5/5 8/2 10/3 dozen.
" .. 6d. 7d. 9d. 1/- each.
Necked or Straight.

Flush Bolts

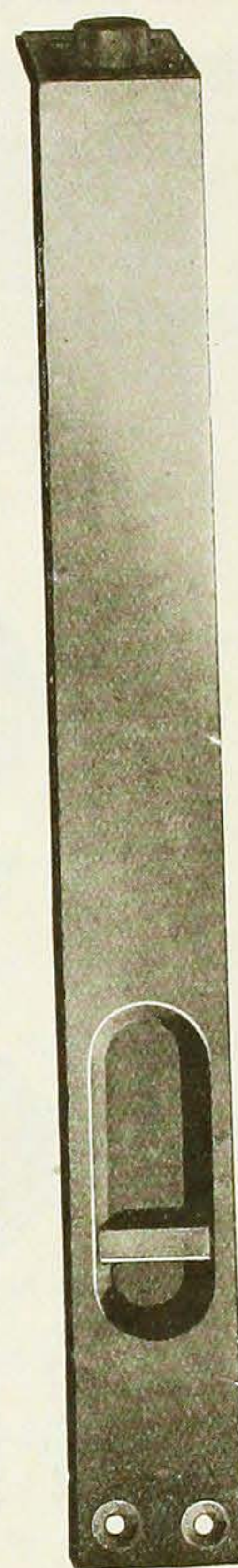


For
Iron
Lever
Action
Flush
Bolts,
see
page 91,
also
Antique
Iron
on page
257.

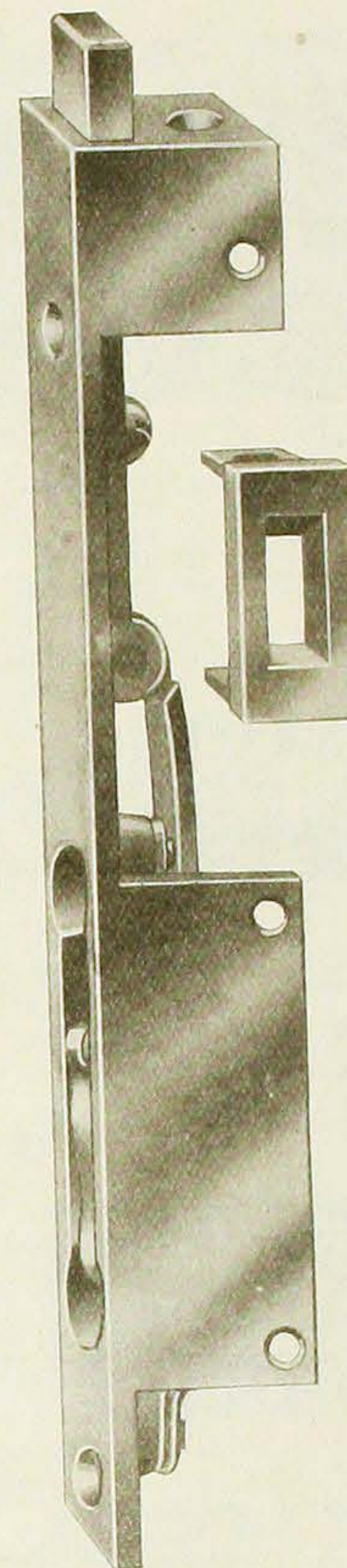
No. PHQ 5728
Lever Action, Barrel
Bolt.



No. PHS 2560
With Knob.
Polished Brass.
Can also be supplied
in B.M.A. at 1/7 per
dozen inches extra.



No. PHQ 2561
Sunk Slide.
Polished Brass.
Can also be supplied
in B.M.A. at 1/7 per
dozen inches extra.



No. PHQ 7599

This Flush Bolt is very strong and its unique construction does away with the faults found in the older types.

The older types either weakened the door by taking away too much wood or in overcoming this fault the Bolt itself was weakened.

We claim to have overcome these faults in this Flush Bolt, and have so arranged the working parts that the bolt is shallow just where it is important not to cut away much wood and is strong at the part where wood can be removed without appreciably weakening the door.

The Bolt with extended ear as shewn, is designed to meet the requirements of a bolt to fix inside the rebates of Folding Doors.

This is the most secure Bolt of its kind; the bolt cannot be withdrawn without first unlocking the door.

Attention is directed to the Taper Socket, which not only improves the appearance but facilitates cleaning.

No. PHS 2562
Improved Registered
Flush Bolt with Lever
Action.
Cuts in to no more
wood than an ordinary
bolt.

	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"	12"	14"	15"	18"
No. PHS*2562 —3" ...	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"	12"	14"	15"	18"
Brass ...	—	—	—	—	42/-	—	47/3	—	52/6	57/9	—	68/3	78/9 dozen.
C. B. & R. on Brass ...	—	—	—	—	47/3	—	52/6	—	57/9	64/9	—	75/3	87/6 "
Bronze Metal Antique ...	—	—	—	—	52/6	—	57/9	—	64/9	71/9	—	85/9	99/9 "
No. PHS*2562 —1" ...	—	—	—	—	54/3	—	61/3	—	68/3	75/3	—	89/3	105/- "
Brass ...	—	—	—	—	59/6	—	66/6	—	73/6	82/3	—	96/3	113/9 "
C. B. & R. on Brass ...	—	—	—	—	70/-	—	77/-	—	85/9	94/6	—	112/-	131/3 "
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—
No. PHS*2562 —1 1/4" ...	—	—	—	—	68/3	—	77/-	—	85/9	94/6	—	110/3	129/6 "
Brass ...	—	—	—	—	75/3	—	84/-	—	92/9	103/3	—	119/-	148/9 "
C. B. & R. on Brass ...	—	—	—	—	85/9	—	96/3	—	106/9	117/3	—	134/9	162/9 "
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—
No. PHQ 2562 —1 1/2" ...	—	—	—	—	—	—	105/-	—	115/6	126/-	—	148/9	171/6 "
Brass ...	—	—	—	—	—	—	115/6	—	126/-	138/3	—	161/-	187/3 "
C. B. & R. on Brass ...	—	—	—	—	—	—	126/-	—	140/-	157/6	—	185/6	215/3 "
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—
No. PHQ 5728 —2 1/8" ...	—	—	—	—	—	105/-	116/-	126/-	136/-	158/-	180/-	—	—
Brass ...	—	—	—	—	—	126/-	136/-	153/-	168/-	194/-	222/-	—	—
Polished Bronze Metal ...	—	—	—	—	—	132/-	142/-	162/-	184/-	210/-	231/-	—	—
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Nos. PHS**2560 & PHQ 2561	14/2	15/4	17/9	20/10	24/6	—	29/4	—	36/9	44/3	—	—	—
Polished Brass, 1 1/2" ...	16/-	17/2	19/8	24/6	29/4	—	36/9	—	44/2	50/3	—	—	—
" " 1 3/8" ...	19/8	22/-	24/6	29/4	34/3	—	44/2	—	51/6	58/9	—	69/9	81/- "
" " 1 1/4" ...	20/10	24/6	28/3	33/-	38/-	—	47/9	—	58/9	66/2	—	73/6	88/3 "
" " 1 1/8" ...	—	—	30/8	—	41/8	—	51/4	—	63/9	71/-	—	81/-	95/6 "
" " 1 1/2" ...	—	—	—	—	53/10	—	69/9	—	84/6	95/8	—	110/3	125/- "
" " 1 3/4" ...	—	—	—	—	—	—	—	—	—	117/8	—	139/8	154/4 "
No. PHQ 7599	—	—	—	—	—	—	—	—	—	—	—	—	—
1" wide.	—	—	—	—	—	—	—	90/-	90/-	95/-	—	109/-	128/- "
Brass ...	—	—	—	—	—	—	—	113/-	118/-	128/-	—	147/-	166/- "
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—
1 1/4" wide.	—	—	—	—	—	—	—	95/-	99/-	109/-	—	128/-	147/- "
Brass ...	—	—	—	—	—	—	—	128/-	128/-	138/-	—	166/-	218/- "
Bronze Metal Antique ...	—	—	—	—	—	—	—	—	—	—	—	—	—

If without Special Extended Ear, 9/6 dozen less.

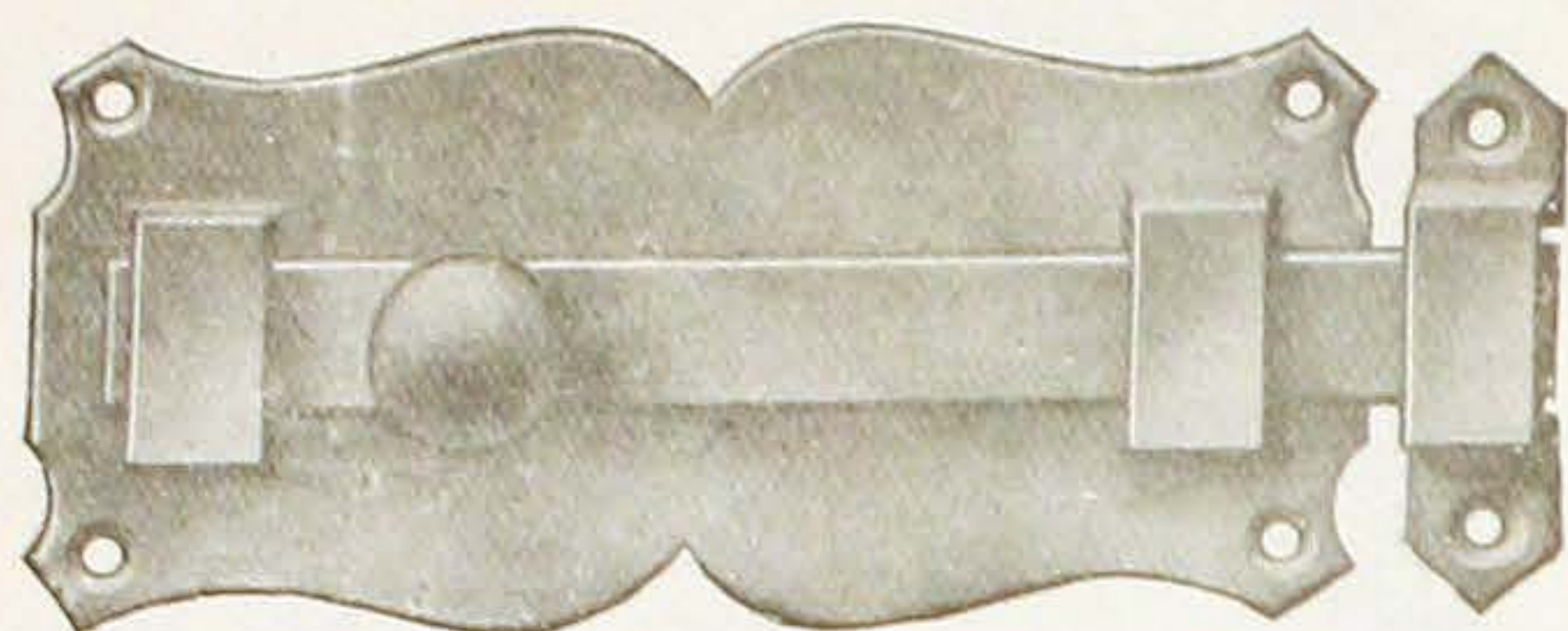
*Stock sizes, 8", 10" and 12" in Brass and B.M.A. only. **Stock sizes, 8", 10" and 12" x 1" and 1 1/4" in Brass and B.M.A. only.

PHS—Stocked only in certain sizes (see above); PHQ Quick Delivery.

"B" Bas

Iron and Brass Bedroom and Cupboard Bolts

*Stocked only in Brass and B.M.A.



No. PHS*5733

Size.	Brass.	C.B. & R. on	Bronze Metal Ox.	Silver on
	dozen, each.	dozen, each.	dozen, each.	dozen, each.
3"	36/9	3/3	42	3/8
4"	50/9	4/6	57/9	5/-



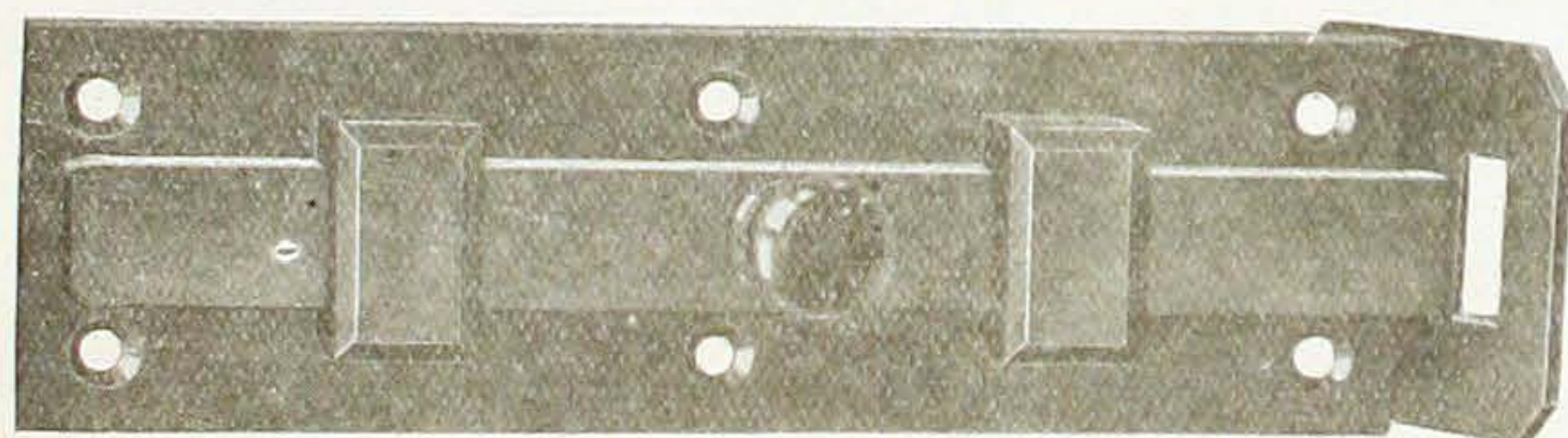
No. PHS*5731 4" x 1 1/2"

Brass.	C.B. & R. on	Bronze Metal Ox.	Silver on
dozen, each.	dozen, each.	dozen, each.	dozen, each.
31/6	36/9	38/6	52/6
2/9	3/3	3/4	4/6



No. PHS*5732 4" x 1 1/2"

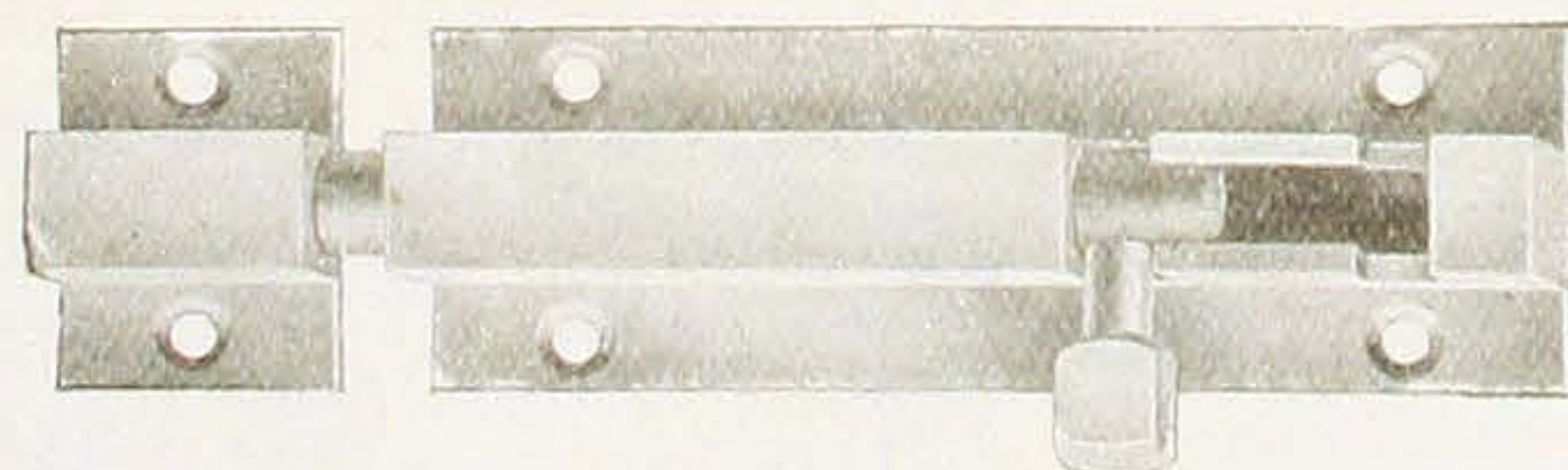
Brass.	C.B. & R. on	Bronze Metal Ox.	Silver on
dozen, each.	dozen, each.	dozen, each.	dozen, each.
33/3	38/6	41/3	57/9
3/-	3/4	3/8	5/-



No. PHS 7031

	4"	6"
	dozen, each.	dozen, each.
Berlin Black	8/9	10/6
Sheradized B.B.	12/3	14/-
Bright Rustless	10/6	12/3
Rustless B.B.	12/3	14/-
Polished Brass	26/3	31/6
C. B. & R. on Brass	31/6	36/9
Bronze Metal Antique	33/3	38/6
Oxidized Silver on Brass	40/3	45/6

Stocked in Berlin Black only.



No. PHQ 7029 SOCKET BOLT.

Size	2"	3"	4"	5"	6"	8"	10"	12"	15"	18"	21"	24"
Iron Shoot	16/10	20/-	23/2	27/4	31/6	40/-	48/4	56/8	69/4	82/-	94/6	107/2
Brass Shoot	1/6	1/10	2/2	2/5	2/9	3/6	4/2	4/10	5/11	7/-	8/-	9/1
Extra for	19/-	22/2	25/2	30/6	35/9	45/2	54/8	65/2	82/-	95/8	109/3	123/-
B.M.A. on Brass	1/9	2/-	2/3	2/8	3/2	4/-	4/8	5/8	7/-	8/2	9/3	10/6
doz. extra.	3/2	3/2	4/2	5/3	6/4	8/5	10/6	12/8	15/9	19/-	22/2	25/2
4d.	4d.	4d.	5d.	6d.	7d.	9d.	1/-	1/1	1/5	1/8	2/-	2/3



No. PHS*2555 4" x 1"

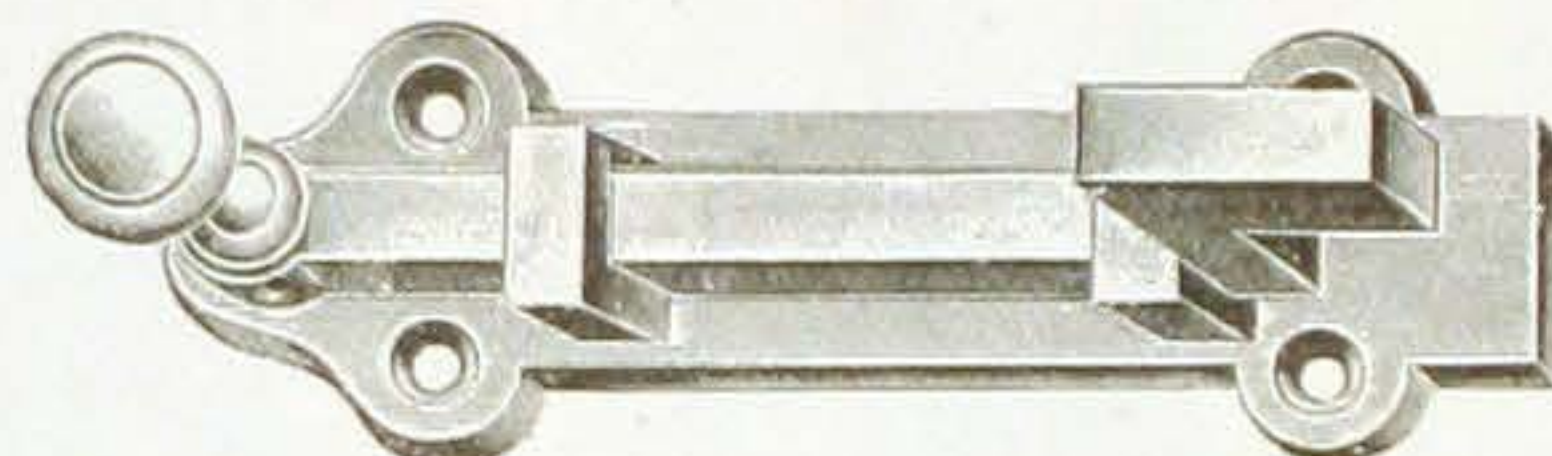
Flush Bolt with O.G. Knob. Specially suitable for Lavatory Doors, where no Indicator is required.
C. B. & R. on Brass. Antique. Silver on Bronze Metal Ox. on Brass.

Pol. Brass.	22/9	26/3	30/3	30/9
	2/-	2/4	2/8	2/9



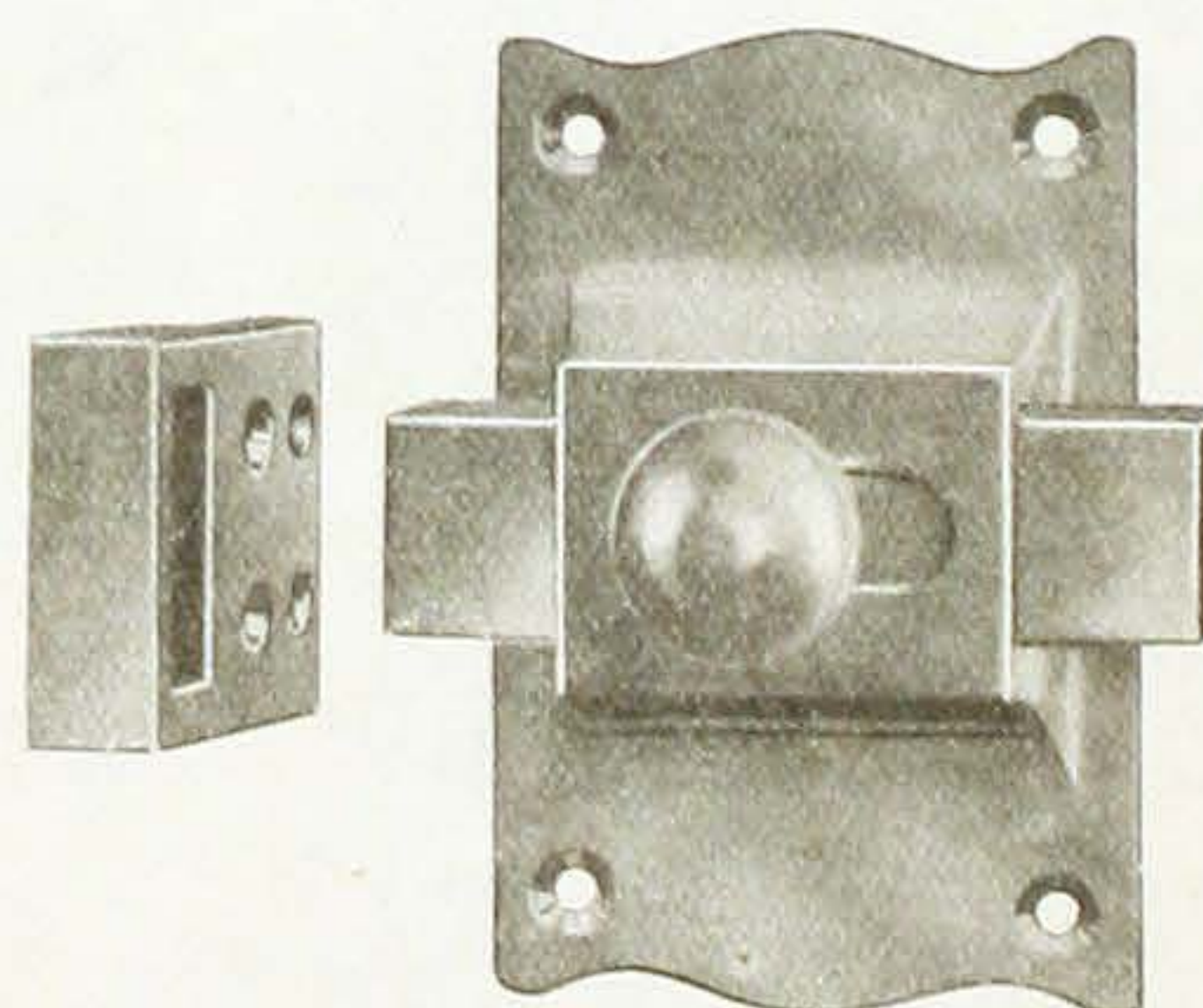
No. PHS*5739 2 1/2" x 1 1/2"

Brass.	C.B. & R. on	Bronze Metal Ox.	Silver on
dozen, each.	dozen, each.	dozen, each.	dozen, each.
27/3	31/6	33/3	43/9
2/6	2/9	3/-	3/10



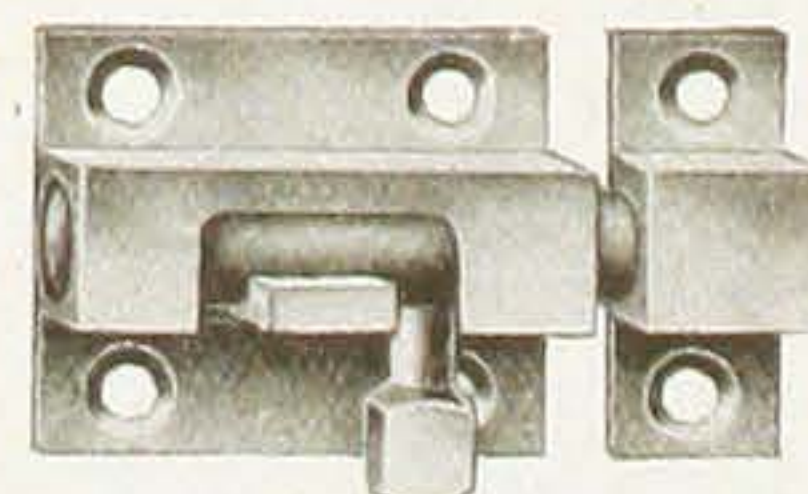
No. PHS*2565 Brass Necked or Straight.

Size.	Brass.	C.B. & R. on	Bronze Metal Ox.	Silver on
	dozen, each.	dozen, each.	dozen, each.	dozen, each.
3"	16/3	1/5	18/10	1/8
3 1/2"	17/6	1/7	20/2	1/10
4"	18/10	1/8	21/6	2/-
5"	23/2	2/2	25/9	2/4
6"	26/3	2/4	29/-	2/7



No. PHS 7032 STILE BOLT.

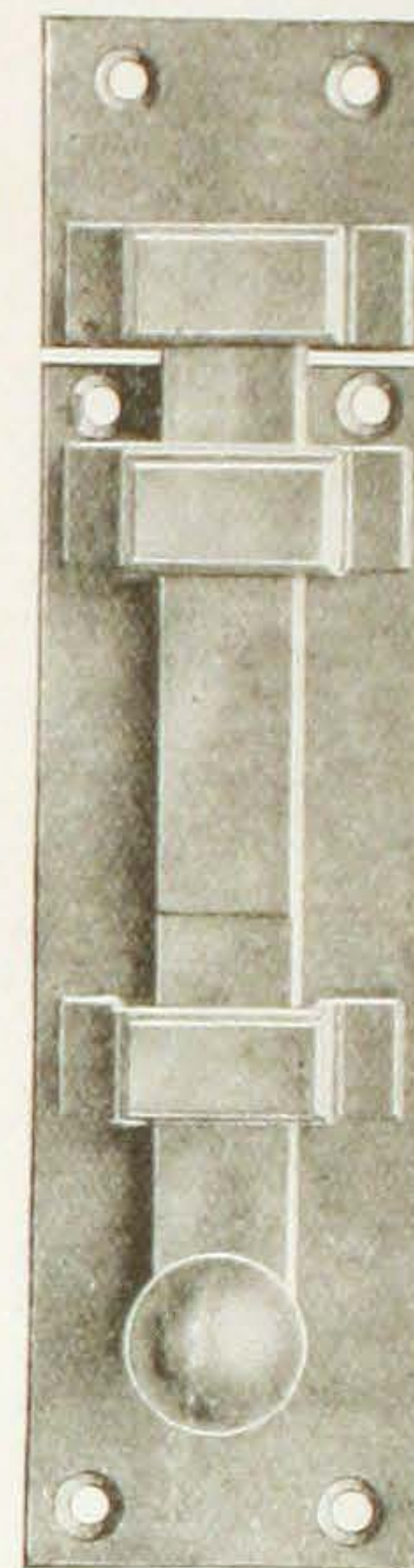
	dozen, each.	each.
Malleable Iron R.R. Finish	23/11	2/-
Polished Brass	42/-	3/8
C. B. & R. on Brass	47/3	4/2
B.M.A.	49/-	4/4
Oxidized Silver on White Metal	66/6	5/9



No. PHS*7027

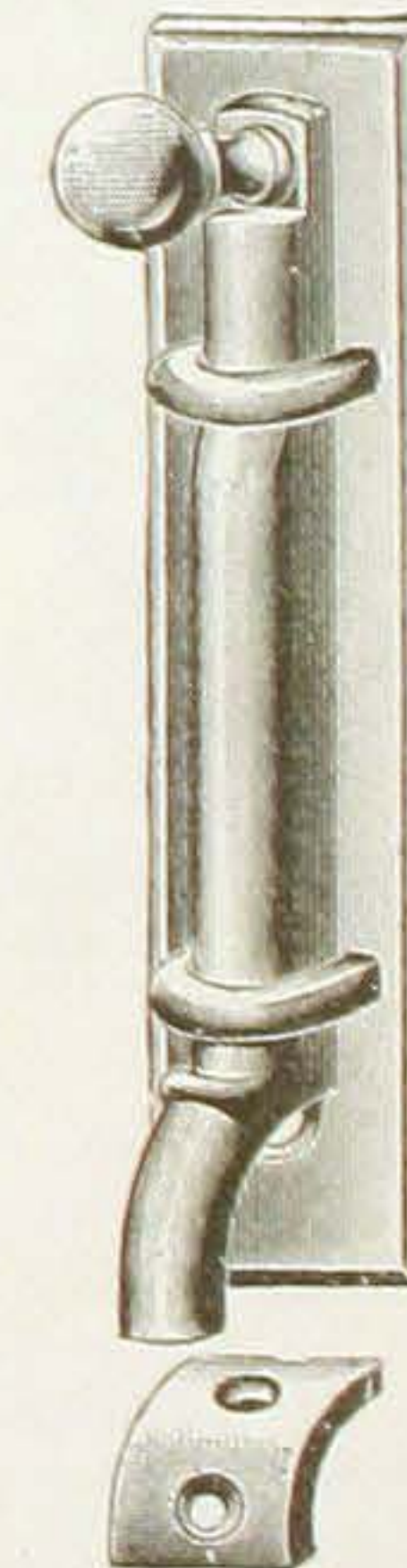
Right or Left Hand. 3" Brass Shoot.

	1 1/2" x 1 1/2"	2 1/2" x 1 1/2"
	dozen, each.	dozen, each.
Polished Brass	16/10	1/6
C. B. & R. on Brass	20/-	1/9
Bronze Metal Antique on Brass	20/-	1/9
Oxidized Silver on Brass	25/9	2/3



No. PHS*5734 Size 5 1/2 in.

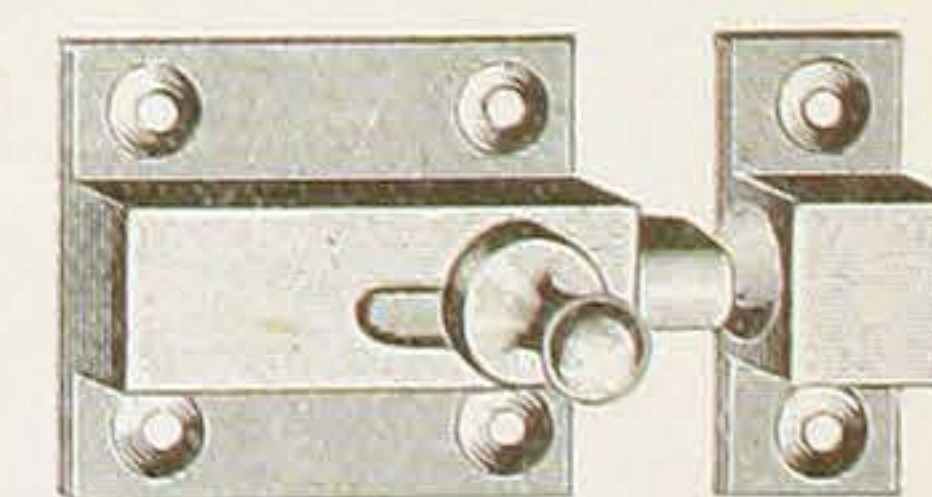
	dozen, each.	each.
Polished Brass	59/6	5/3
C. B. & R. on Brass	66/6	5/9
Bronze Metal Antique	73/6	6/3
Oxidized Silver on White Metal	87/6	7/6



No. PHQ 2567

4" x 3/4"

	dozen, each.	each.
Polished Brass	26/9	2/4
Nickel Plated	38/9	3/4
C. B. & R. on Brass	33/3	3/-
Bronze Metal Antique	36/8	3/2



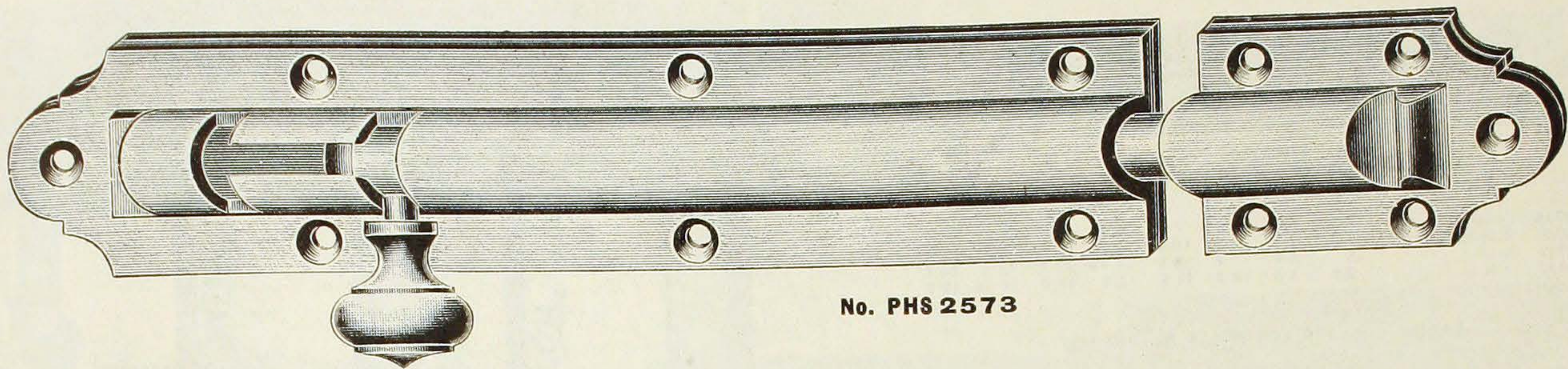
No. PHS*7028

CUPBOARD CATCH.

Size 1 1/2" x 1 1/2" Shoot 3/4"

	dozen, each.	each.
Polished Brass	15/9	1/5
B.M.A. on Brass	19/-	1/9
Ox. Silver on Brass	24/9	2/2

Cast Brass Barrel Bolts Polished. Best Finish. Exact Fitting.



No. PHS 2573

Suite No. PHS 2572 Iron Backs and Rods. Straight.				3"	4"	5"	6"	7"	8"	9"	10"	12"	15"	18"
PHS 2572/1	1 1/4" wide.	1 1/2" bolt	...	1/9	2/-	2/6	2/9	3/3	3/8	4/2	4/8	5/6	7/-	8/6 each.
PHS 2572/2	1 3/8" wide.	1 3/4" bolt	...	2/2	2/6	2/11	3/3	3/9	4/3	4/8	5/2	6/-	7/10	9/6 "
PHS 2572/3	1 1/2" wide.	1 3/8" bolt	...	—	2/11	3/6	4/-	4/8	5/3	5/9	6/4	7/4	9/-	10/8 "
Suite No. PHS 2573 Iron Backs, Brass Rods. Straight or Necked.				3"	4"	5"	6"	7"	8"	9"	10"	12"	15"	18"
PHS 2573/1	1 1/4" wide.	1 1/2" bolt	...	1/11	2/3	2/9	3/3	3/8	4/2	4/8	5/3	6/4	7/10	9/4 "
PHS 2573/2	1 3/8" wide.	1 3/4" bolt	...	2/4	2/8	3/4	3/8	4/3	4/10	5/6	6/-	6/10	9/-	10/10 "
Suite No. PHS 2574 All Brass.				2/2	2/7	3/3	3/8	4/4	5/-	5/6	6/2	7/2	9/-	10/6 "
PHS 2574/2	1 1/4" wide.	1 1/2" bolt	...	2/8	3/2	3/9	4/2	4/9	5/6	6/-	6/9	7/9	10/3	12/- "
PHS 2574/3	1 3/8" wide.	1 3/4" bolt	...	—	—	—	—	—	—	—	—	—	—	—
Suite No. PHS 2575 Extra Strong Polished Hall Door Bolts. Iron Backs and Rods. Straight.				4"	5"	6"	7"	8"	9"	10"	12"	15"	18"	
PHS 2575/2	1 5/8" wide.	1 1/2" bolt	...	3/4	4/3	5/-	5/10	6/6	6/9	7/3	8/-	10/6	12/3 "	
PHS 2575/3	1 3/4" wide.	1 5/8" bolt	...	—	—	6/4	7/3	7/10	8/9	9/4	12/6	13/9	16/3 "	
PHS 2575/4	2" wide.	1 5/8" bolt	...	—	—	9/6	—	10/4	10/10	11/8	13/3	17/6	20/9 "	
Suite No. PHS 2576 Iron Backs, Brass Rods. Straight or Necked.				4"	5"	6"	7"	8"	9"	10"	12"	15"	18"	
PHS 2576/1	1 1/2" wide.	1 3/2" bolt	...	3/6	4/2	4/9	5/3	5/10	6/4	7/3	8/3	9/10	11/6 "	
PHS 2576/2	1 5/8" wide.	1 1/2" bolt	...	4/3	5/3	6/-	7/-	7/8	8/2	8/6	9/6	12/-	14/- "	
PHS 2576/3	1 3/4" wide.	1 5/8" bolt	...	—	—	7/4	8/-	8/10	9/7	10/6	12/6	16/10	18/- "	
Suite No. PHS 2577 Iron Backs, Brass Rods. Straight or Necked.				6"	7"	8"	9"	10"	12"	15"	18"			
PHS 2577/1	2" wide.	1 5/8" bolt	...	10/3	11/-	12/-	13/4	15/2	17/6	22/6	25/10 "			
Suite No. PHS 2578 All Brass. Straight or Necked.				4"	5"	6"	7"	8"	9"	10"	12"	15"	18"	
PHS 2578/1	1 1/2" wide.	1 3/2" bolt	...	3/11	4/6	5/4	5/10	6/5	7/-	8/-	9/-	11/2	13/- "	
PHS 2578/2	1 5/8" wide.	1 1/2" bolt	...	4/9	5/9	6/4	7/6	8/-	8/7	9/4	10/7	13/-	15/6 "	
PHS 2578/3	1 3/4" wide.	1 5/8" bolt	...	—	—	8/2	9/-	10/-	10/8	11/6	13/9	17/2	20/6 "	

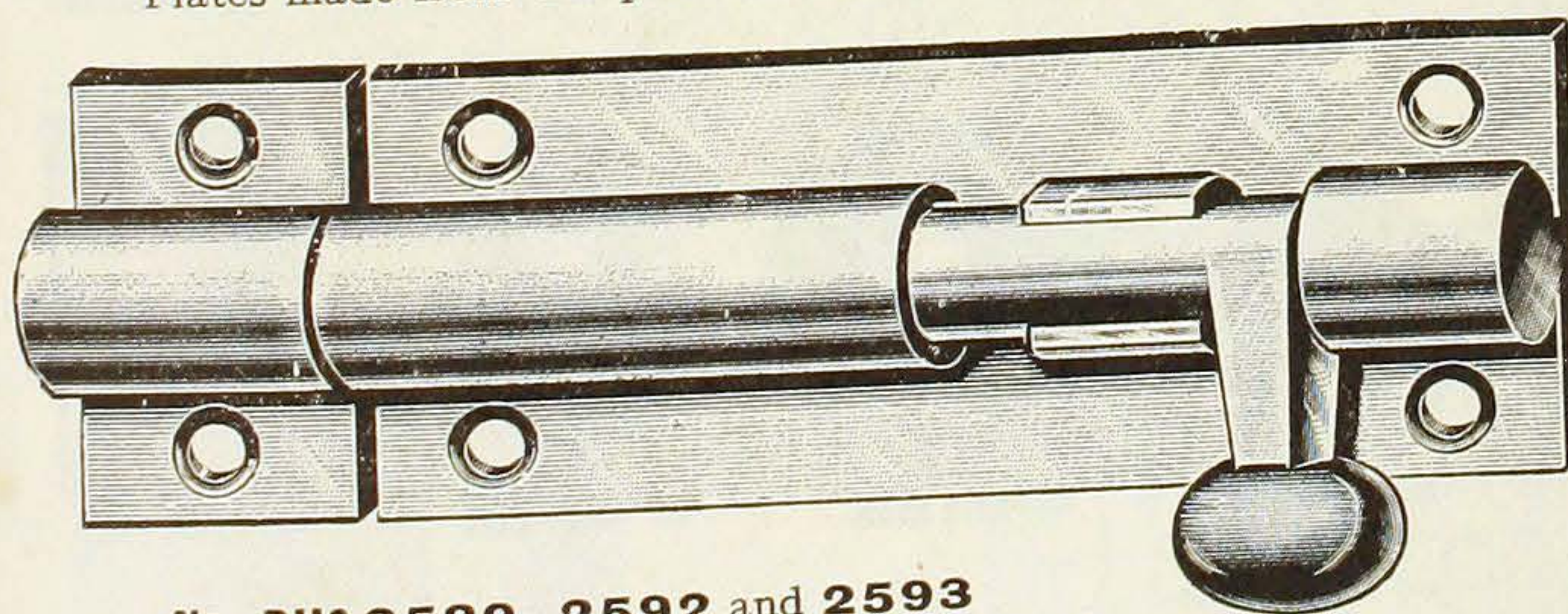
Any of the above Bolts may be supplied in B.M.A. at approximately 33 1/3% extra (not stocked).

Any of the above Bolts may be supplied in B.M.A. at approximately 33 1/3% extra (not stocked).

Machine-made Brass Socket Bolts

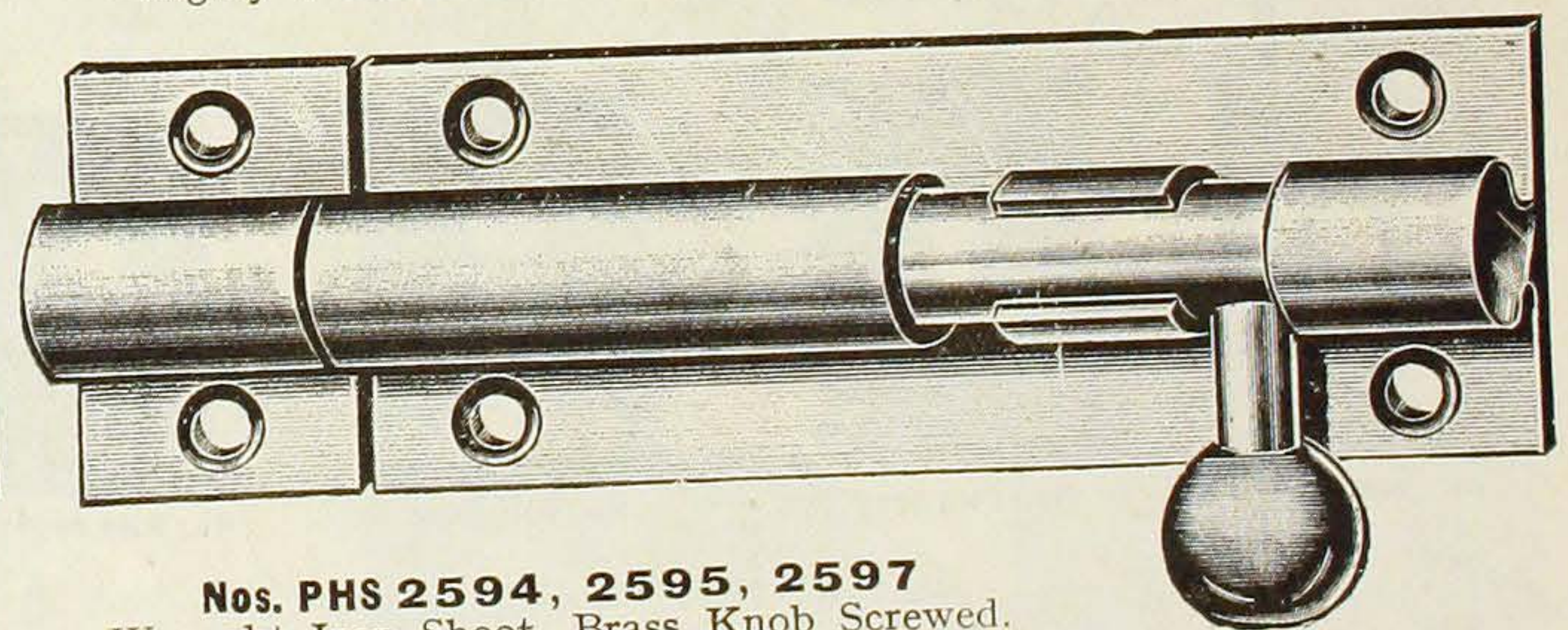
Highly Polished and Lacquered. Boxed in dozens.

Plates made from one piece of Brass, without Rivets.



No. PHS 2589, 2592 and 2593

Solid end, Wrought Iron Shoot, Brass Ball Knob.



Nos. PHS 2594, 2595, 2597

Wrought Iron Shoot, Brass Knob Screwed.

Plates of single thickness Brass.

Shoots of Bright Drawn Steel, bars fitted with best springs.

	Plate.	Shoot.	Length	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	9"	10"	12"
PHS 2589	1 1/8" wide.	5/16" dia.	Iron Shoot	8/11	9/8	10/8	11/7	13/2	14/11	16/9	18/7	20/6	22/4	26/- doz.
			All Brass Shoot	11/2	12/4	13/5	14/6	16/5	18/7	20/10	23/1	25/4	27/6	32/9 "
PHS 2592	1 1/4" wide.	3/8" dia.	Iron Shoot	—	12/8	13/9	14/11	16/9	18/7	20/10	23/1	25/4	27/6	32/9 "
			All Brass Shoot	—	16/9	19/-	20/10	23/1	26/-	28/3	32/-	34/2	37/3	44/8 "
PHS 2593	1 5/8" wide.	1/2" dia.	Iron Shoot	—	—	—	20/1	23/1	26/1	29/1	32/-	35/-	37/11	44/8 "
			All Brass Shoot	—	—	—	28/3	35/-	40/2	44/8	49/9	55/-	61/-	71/4 "
			Length	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"	10"	12"	—
PHS 2594	7/8" wide.	1/4" dia.	Iron Shoot	5/4	5/9	6/9	7/8	8/8	10/1	11/7	—	—	—	—
			Brass Shoot	6/10	7/3	8/3	9/2	10/2	11/7	13/1	—	—	—	—
PHS 2595	1 1/8" wide.	5/16" dia.	Iron Shoot	—	7/8	8/8	9/8	10/7	12/6	14/6	—	—	—	—
			Brass Shoot	—	10/1	11/1	12/1	13/-	14/11	16/11	—	—	—	—
PHS 2597	1 1/4" wide.	3/8" dia.	Iron Shoot	—	—	13/6	14/6	15/5	17/10	20/2	25/-	29/10	33/9 "	—
			Brass Shoot	—	—	—	—	—	—	—	—	—	—	—

Extra on above for

No. PHS 2594	Necked I.S.	Necked B.S.	C. B. & R. Finish.
...	11d. doz.	1/6 doz.	20%
No. PHS 2595	...	1/11 "	20%
No. PHS 2597	...	2/5 "	20%

"B" Basis.

Flush Bolts, Blind Bolts, Escutcheons, etc.

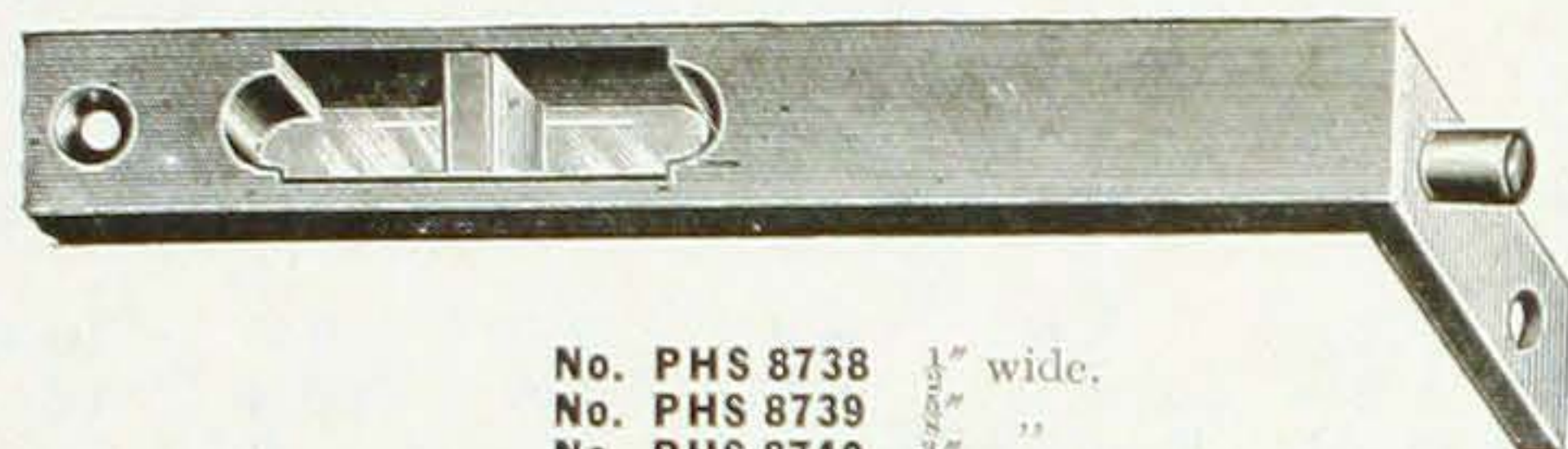


No. PHS 8736	Brass	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"
No. PHS 8736	B.M.A.	5/9	7/2	8/9	10/2	11/6	13/7	15/4
No. PHS 8737	Brass	5/9	6/4	7/4	8/6	9/10	11/2	12/3
No. PHS 8737	B.M.A.	6/9	8/8	10/2	11/8	13/6	15/6	16/10

*Stock sizes (stocked only in Brass).

SPRING SOCKETS FOR BOLTS No. PHS 1897
The interior of the Socket can be instantly removed for cleaning.
With Phosphor Bronze Springs.

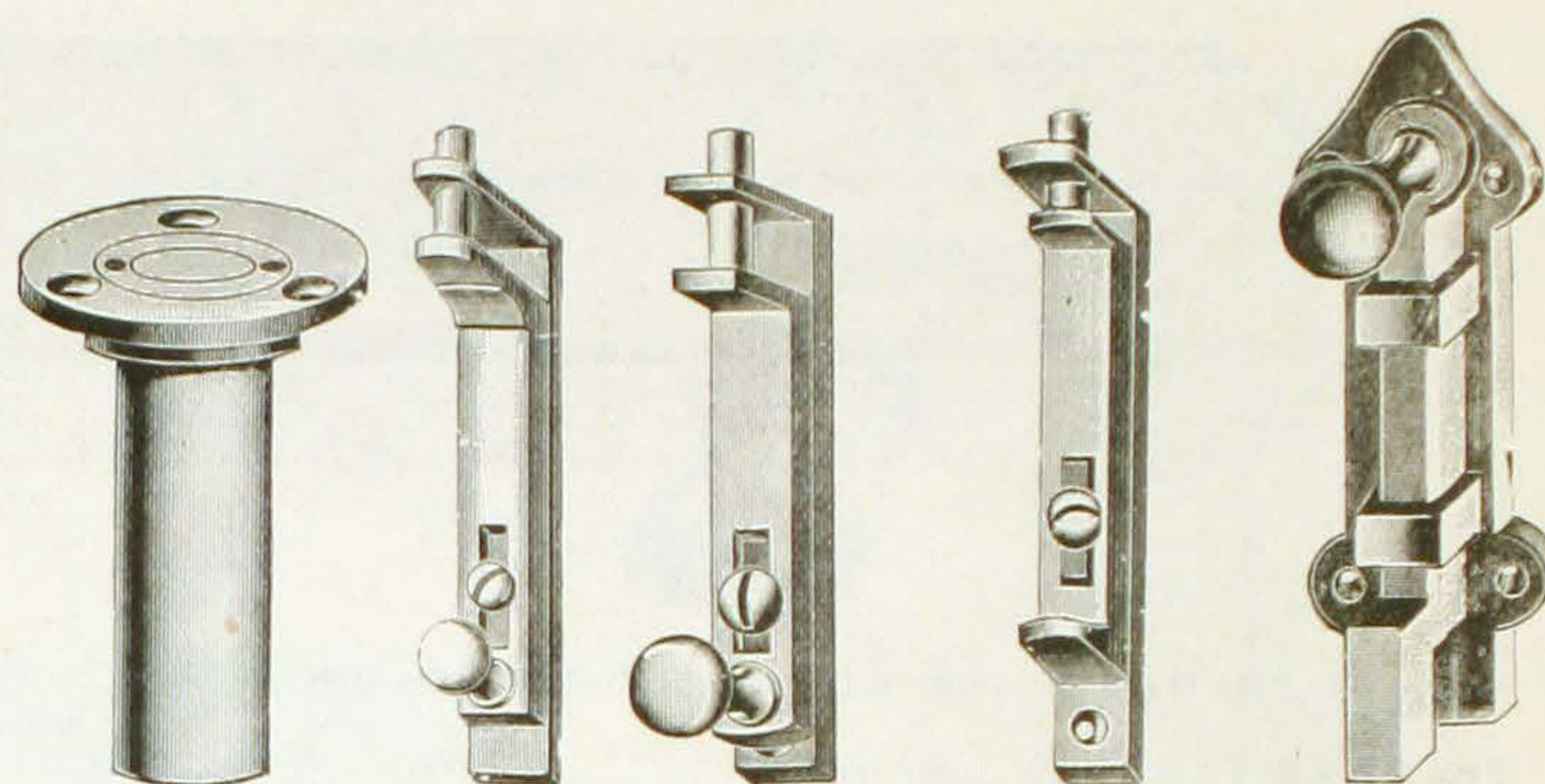
For Wood Floors	1/9	2/-	2/3	2/10	3/9
For Stone Floors	2/3	2/8	3/2	4/-	5/1



No. PHS 8738	Brass	9/9	10/6	12/8	14/8	16/9	18/10	21/-	23/2	25/10	30/9
No. PHS 8738	B.M.A.	13/6	14/7	17/2	20/2	23/2	26/-	29/-	31/9	35/8	42/6
No. PHS 8739	Brass	11/10	14/-	16/9	19/8	22/4	25/3	28/-	30/9	36/4	
No. PHS 8739	B.M.A.	16/4	19/3	23/3	27/-	30/9	34/8	38/6	42/6	50/-	
No. PHS 8740	Brass	14/-	16/9	20/3	23/9	27/3	30/9	34/3	37/9	44/9	
No. PHS 8740	B.M.A.	19/3	23/2	28/-	32/10	37/9	42/6	47/3	52/2	61/9	

All Per Dozen.

*Stocked sizes. (Stocked only in Brass.)



No. PHS 1897
SPRING
SOCKET
BOLT.

No. PHS 2566
1/4" wide.

No. PHS 8741

No. PHS 8742 1/2" wide.
No. PHS 8743 1/2" wide.
No. PHS 8744 1/2" wide.
No. PHS 8745 Necked.

No. PHS 8746
CUPBOARD
BOLT.

BRASS BLIND BOLTS.

No. PHS 8741	Brass	Size	2 1/2" x 1/4"	3" x 1/4"	3 1/2" x 1/4"	4" x 1/4"	4 1/2" x 1/4"
No. PHS 8741	Brass	Size	9/2	9/10	10/6	11/2	12/8
No. PHS 2566	Brass	Size	11/-	12/4	14/2	15/4	16/8
No. PHS 8742	Brass	Size	4/2	5/3	6/4	7/4	8/5
No. PHS 8742	N.P.	Size	5/6	7/-	8/3	9/8	10/2
No. PHS 8742	B.M.A.	Size	5/9	7/2	8/9	10/2	11/2
No. PHS 8743	Brass	Size	5/3	6/4	8/2	9/6	11/2
No. PHS 8743	N.P.	Size	7/-	8/3	10/8	12/6	14/8
No. PHS 8743	B.M.A.	Size	7/2	8/9	11/2	13/-	15/4
No. PHS 8744	Brass	Size	12/8	14/4	16/2	19/-	22/6
No. PHS 8744	N.P.	Size	16/6	18/10	21/2	24/10	29/4
No. PHS 8744	B.M.A.	Size	17/3	19/9	22/2	26/-	30/10
No. PHS 8745	Necked, 3/8" wide.	Size	7/3	9/2	10/6	12/8	14/8
No. PHS 8745	Brass	Size	10/7	12/6	14/6	17/3	20/2
No. PHS 8745	B.M.A.	Size	11/2	13/4	15/4	18/2	21/2

No. PHS 8746	BRASS CUPBOARD BOLT.	Polished, 1 1/8" wide.
No. PHS 8746	Size	3" 3 1/2" 4"
No. PHS 8746	Price	17/- 19/- 21/- dozen.
No. PHS 8746	Price	1/6 1/8 1/10 each.

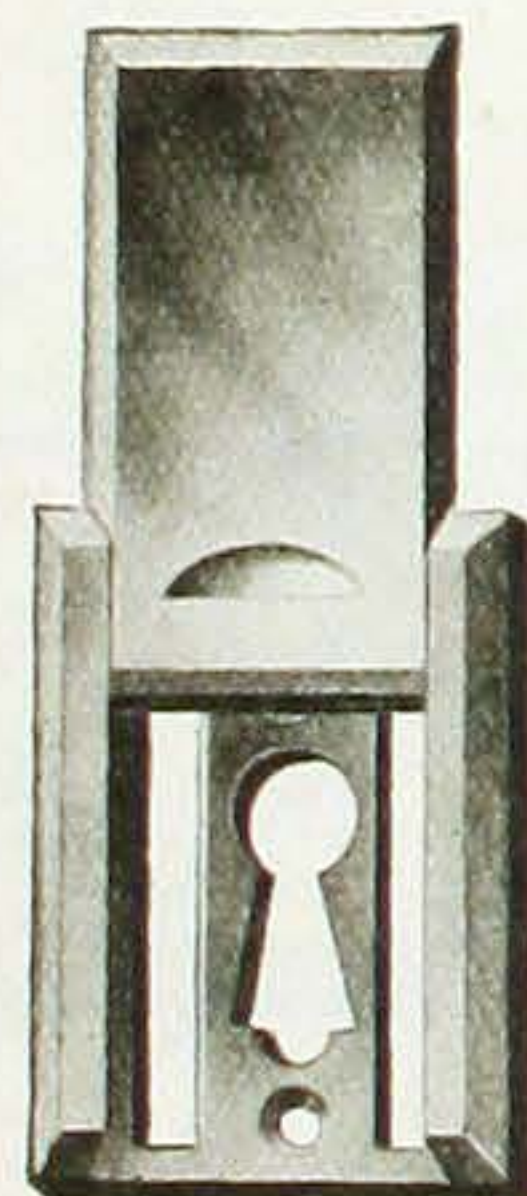
*Stock Sizes. (Stocked only in Brass.)

Lock Escutcheons

MORTICE OR RIM.

(See also Glass Escutcheons on page 60).

Scale One Half.



No. PHS 5932



No. PHS 3090



No. PHS 5924



No. PHS 3080



No. PHS 5925



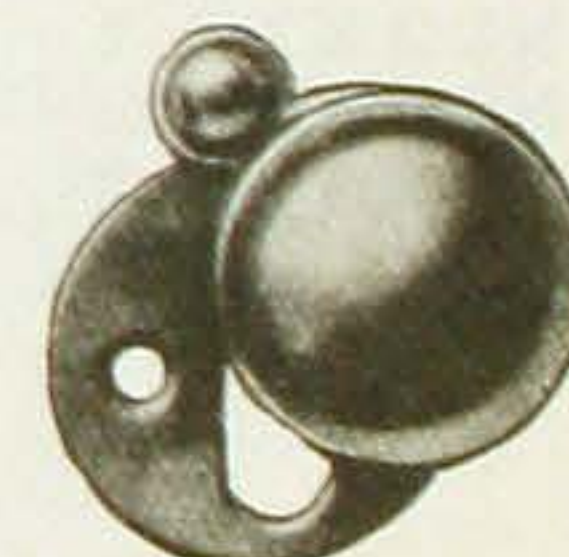
No. PHS 3081



No. PHS 3082



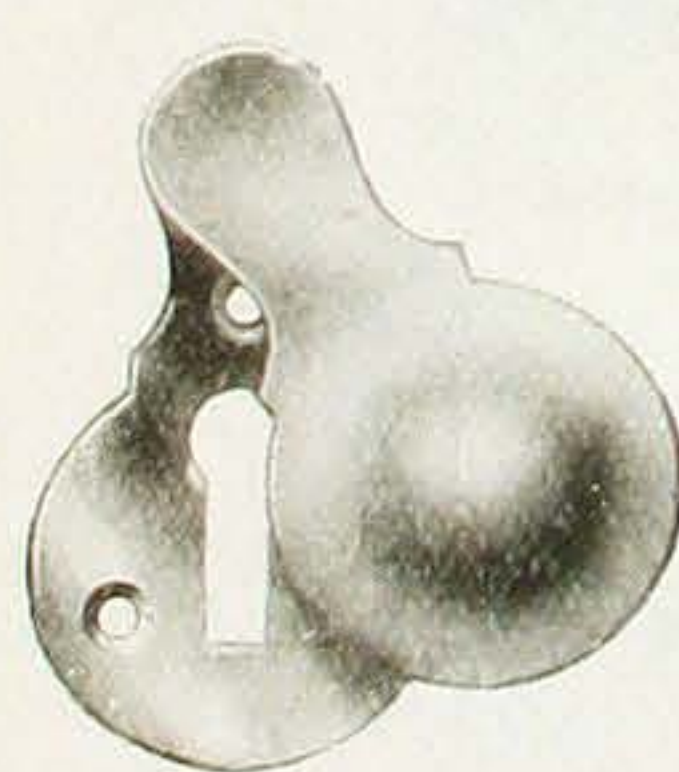
No. PHS 3083



No. PHS 5928



No. PHS 5931



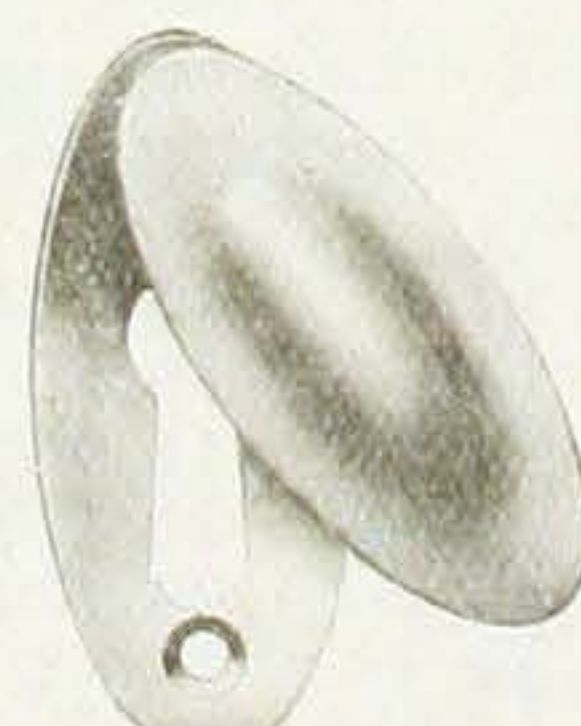
No. PHS 3091



No. PHS 5930



No. PHS 3084



No. PHS 3092



No. PHS 3085



No. PHS 3086



No. PHS 3087



No. PHS 3088



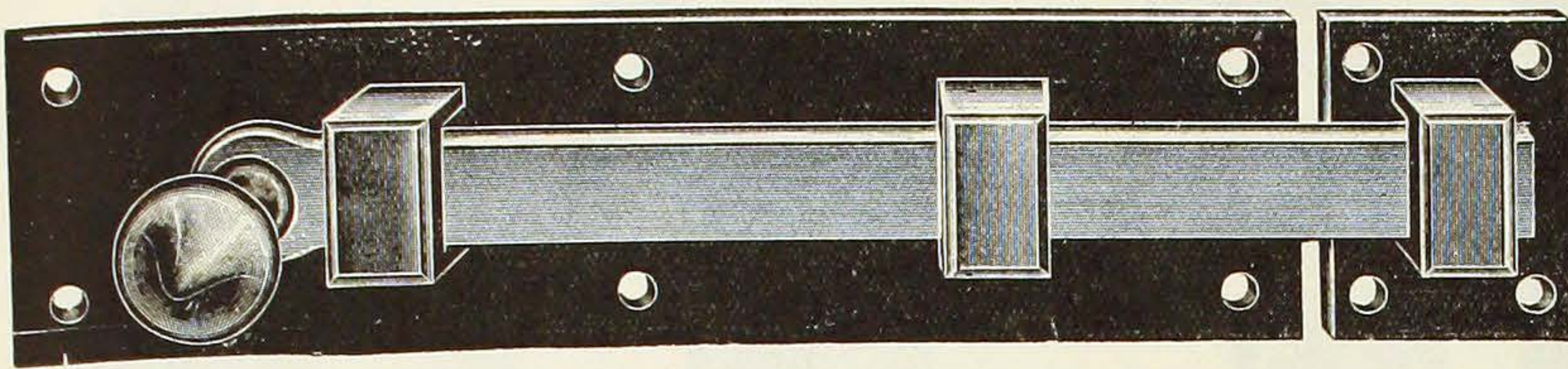
No. PHS 3089

	No. PHS 5932		No. PHS 3090		No. PHS 5924		No. PHS 3080		No. PHS 5925		No. PHS 3081		No. PHS 3082		No. PHS 3083		No. PHS 5931		No. PHS 5928						
	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each	dozen	each					
Polished Brass	15/9	1/5	4/6	5d.	11/6	1/1	6/9	8d.	7/6	9d.	4/6	5d.	6/9	8d.	6/-	7d.	17/6	1/7	5/9	6d.					
C. B. & R. on Brass	—	—	5/-	6d.	12/9	1/2	—	—	8/6	10d.	—	—	—	—	—	—	19/3	1/9	6/3	7d.					
B.M.A.	20/6	1/9	5/3	7d.	14/-	1/3	8/9	10d.	11/-	1/-	6/-	7d.	8/9	10d.	8/-	9d.	20/3	1/10	6/9	8d.					
	No. PHS 3091		No. PHS 5930		No. PHS 3084		No. PHS 3084		No. PHS 3092		No. PHS 3085		No. PHS 3086		No. PHS 3087		No. PHS 3088		No. PHS 3089						
	dozen	each	dozen	each	dozen		each		dozen	each	dozen	each	dozen	each	dozen	each	dozen		dozen						
					1 1/2"	2"	2 1/2"	1 1/2"	2"	2 1/2"							1 1/2"	1 1/2"	1 1/2"						
Polished Brass	..	5/-	6d.	5/-	6d.	8/9	11/-	15/6	10d.	1/-	1/4	8/6	9d.	5/6	6d.	5/6	6d.	3/8	4d.	2/1	2/6	3d.	4d.	3/2	4d.
C. B. & R. on Brass	..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
B.M.A.	..	6/3	7d.	6/6	7d.	—	—	—	—	—	—	10/6	11d.	7/2	8d.	7/2	8d.	—	—	—	—	—	—	—	—

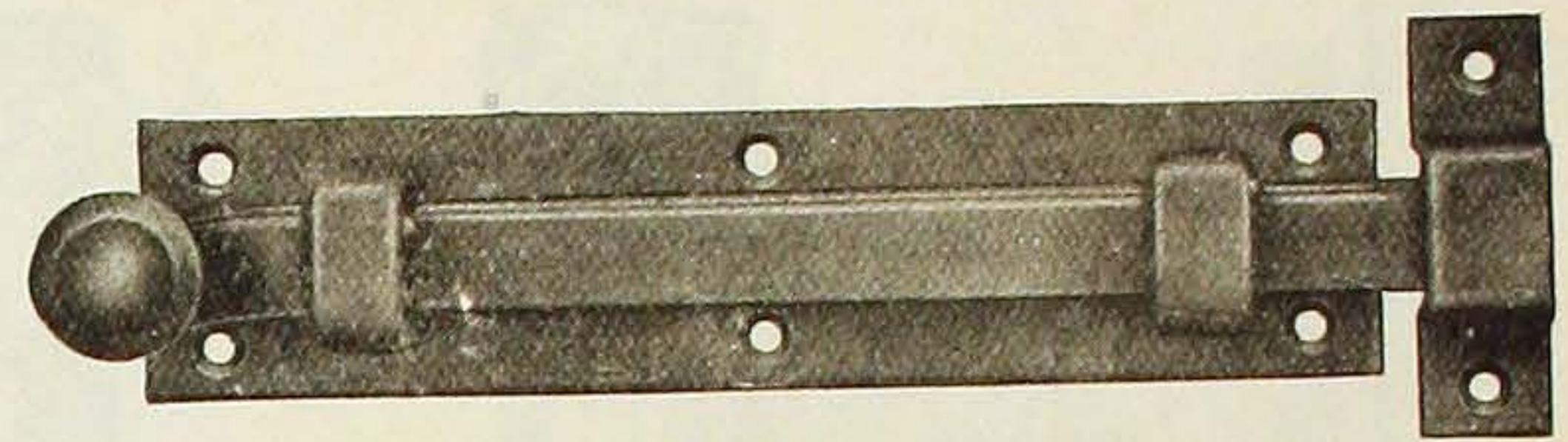
"B" Basis.

PHS—Stock Lines in Brass only.

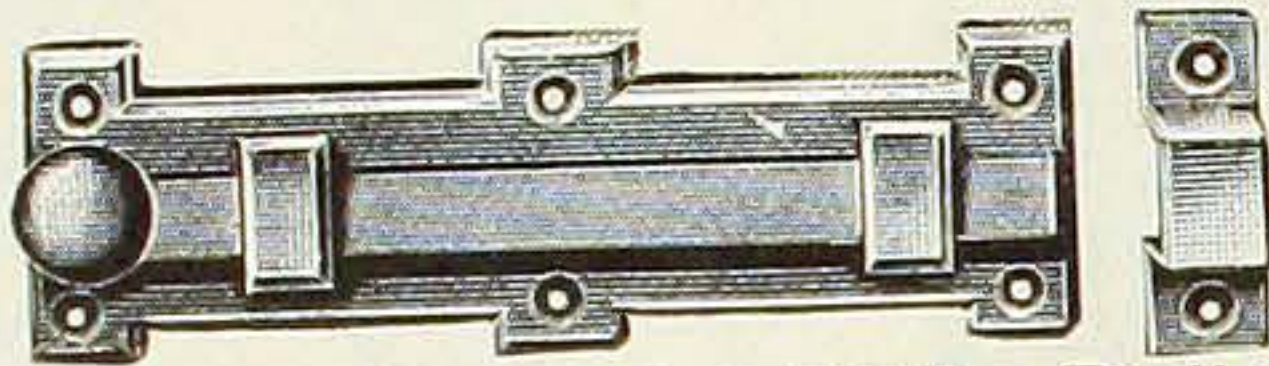
Gothic Bolts and Letter Boxes, etc.



No. PHS 9026 Art Black.
 6" ... 13/3 dozen, 1/3 each.
 8" ... 15/9 " 1/5 "
 10" ... 19/9 " 1/9 "



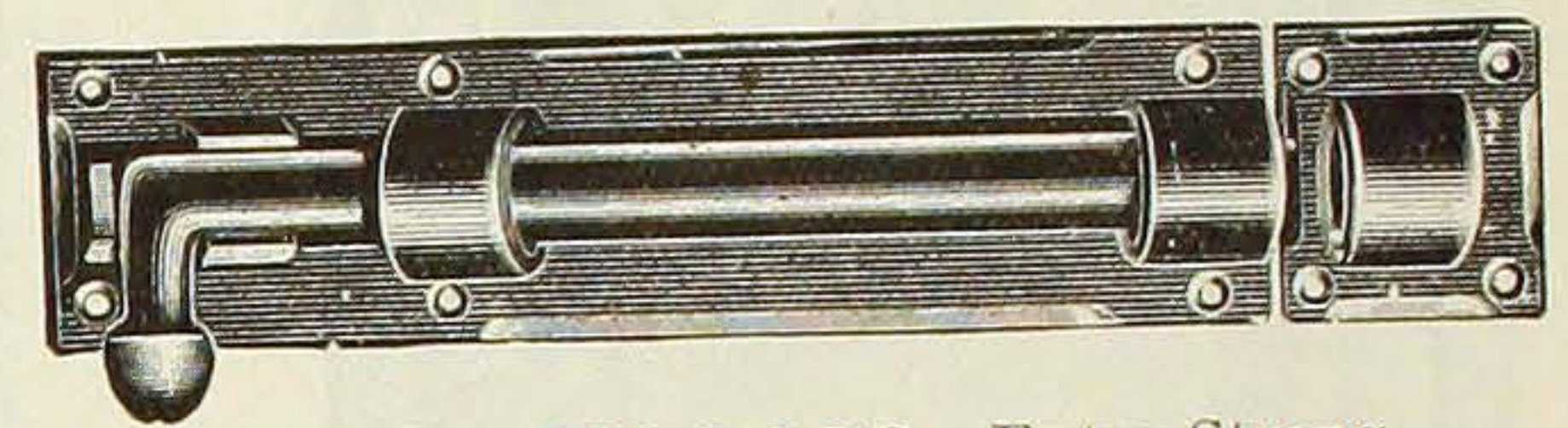
No. PHS 9027 Berlin Black.
 Gothic Bolt.
 10" ... 73/6 dozen, 6/3 each.



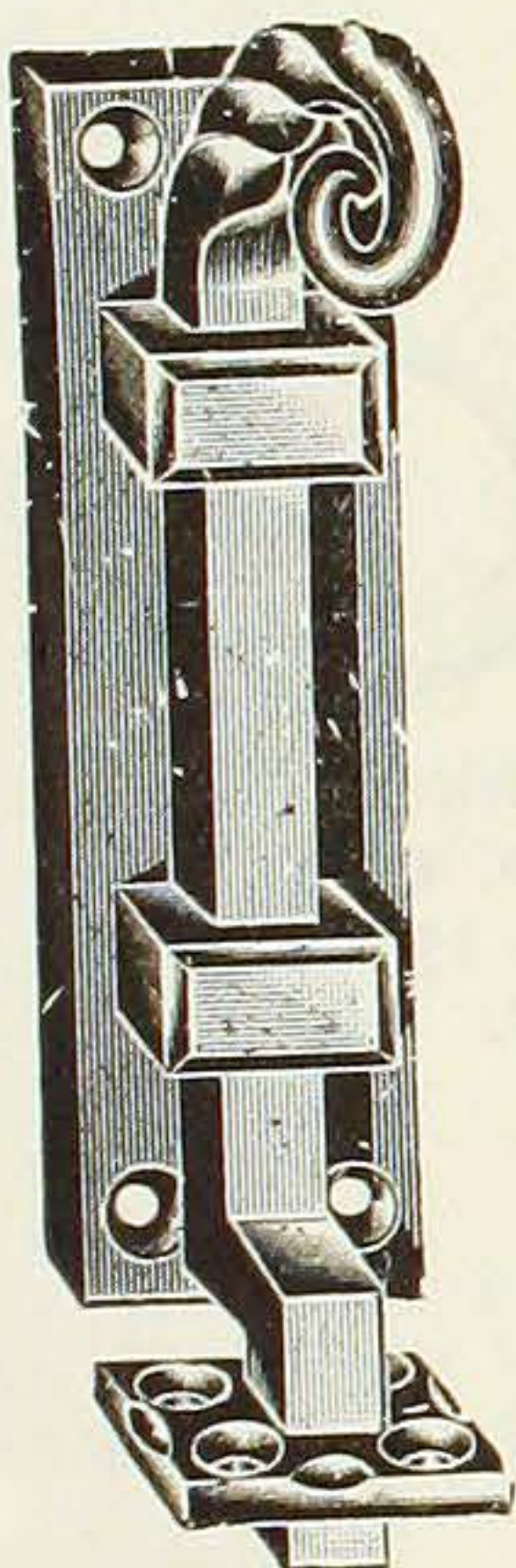
No. PHQ 9029 Berlin Black.
 4" 5" 6" 8"
 doz. each. doz. each. doz. each. doz. each.
 With Springs 22/9 2/- 27/3 2/5 33/3 3/- 42/- 3/8
 Without Springs 16/9 1/6 21/- 1/10 26/3 2/4 33/3 3/-



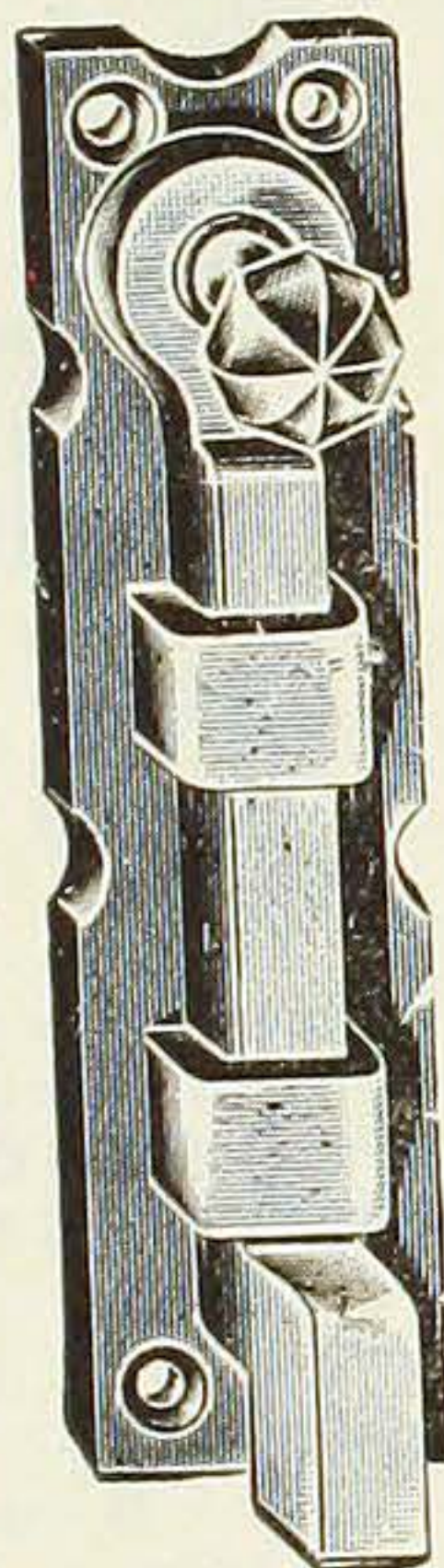
No. PHQ 9061 Berlin Black.
 4" ... 15/9 dozen, 1/5 each.
 6" ... 19/3 " 1/9 "
 8" ... 26/3 " 2/4 "



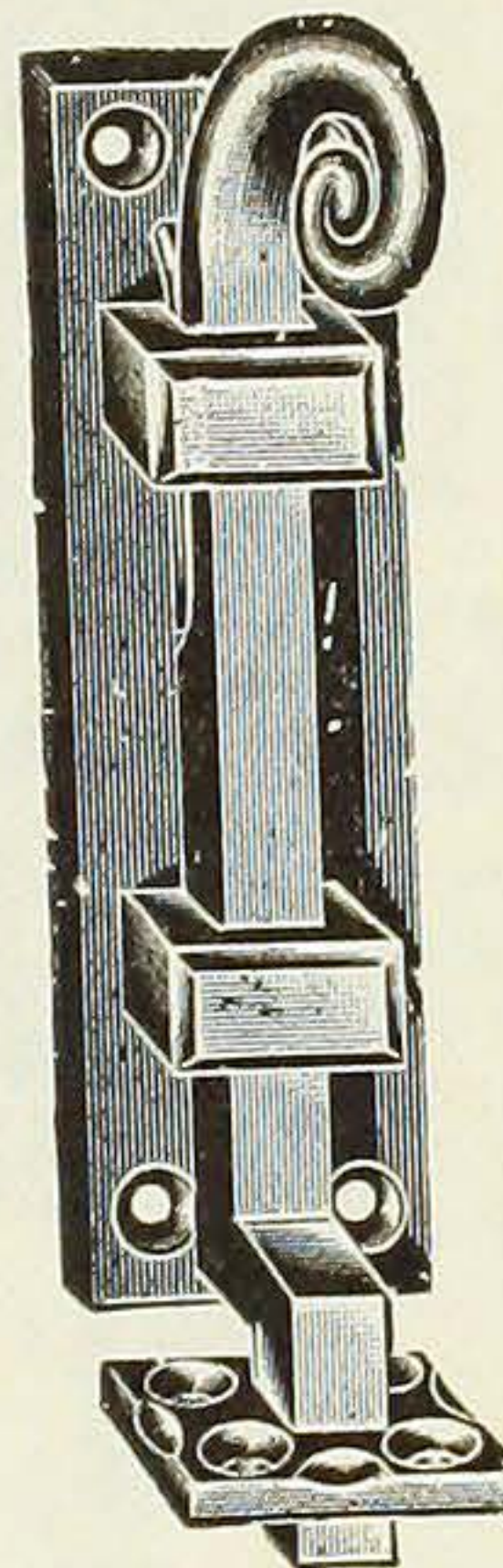
No. PHQ 9028 Extra Strong.
 4" 6" x 1 1/4" 8" x 2"
 doz. each. doz. each. doz. each.
 B.B. ... 21/- 1/10 28/- 2/6 42/- 3/8
 Galvanized 24/6 2/2 33/3 3/- 50/9 4/4



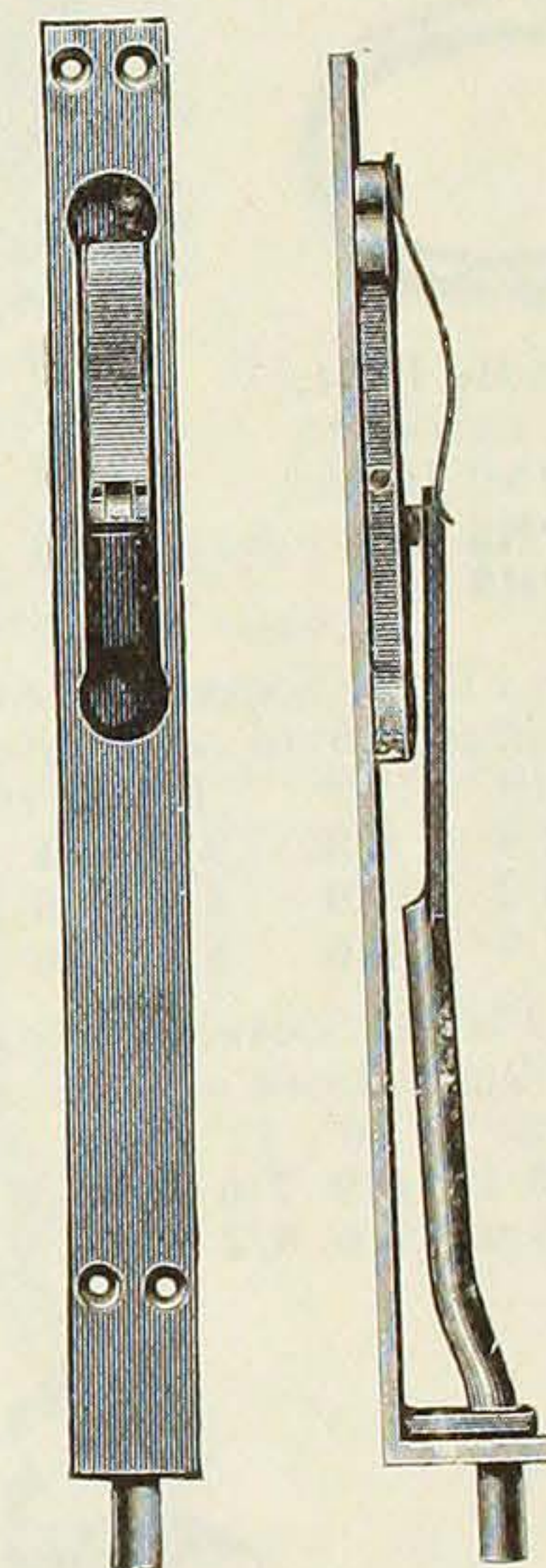
No. PHQ 9062 Art Black.
 Necked or Straight.
 4" ... 11/2 doz. 1/1 each.
 5" ... 13/9 " 1/3 "
 6" ... 16/6 " 1/6 "



No. PHQ 9063 Art Black.
 Necked or Straight.
 4" ... 11/2 doz. 1/1 each.
 5" ... 13/9 " 1/3 "
 6" ... 16/6 " 1/6 "



No. PHQ 9064 Art Black.
 Necked or Straight.
 4" ... 11/2 doz. 1/1 each.
 5" ... 13/9 " 1/3 "
 6" ... 16/6 " 1/6 "

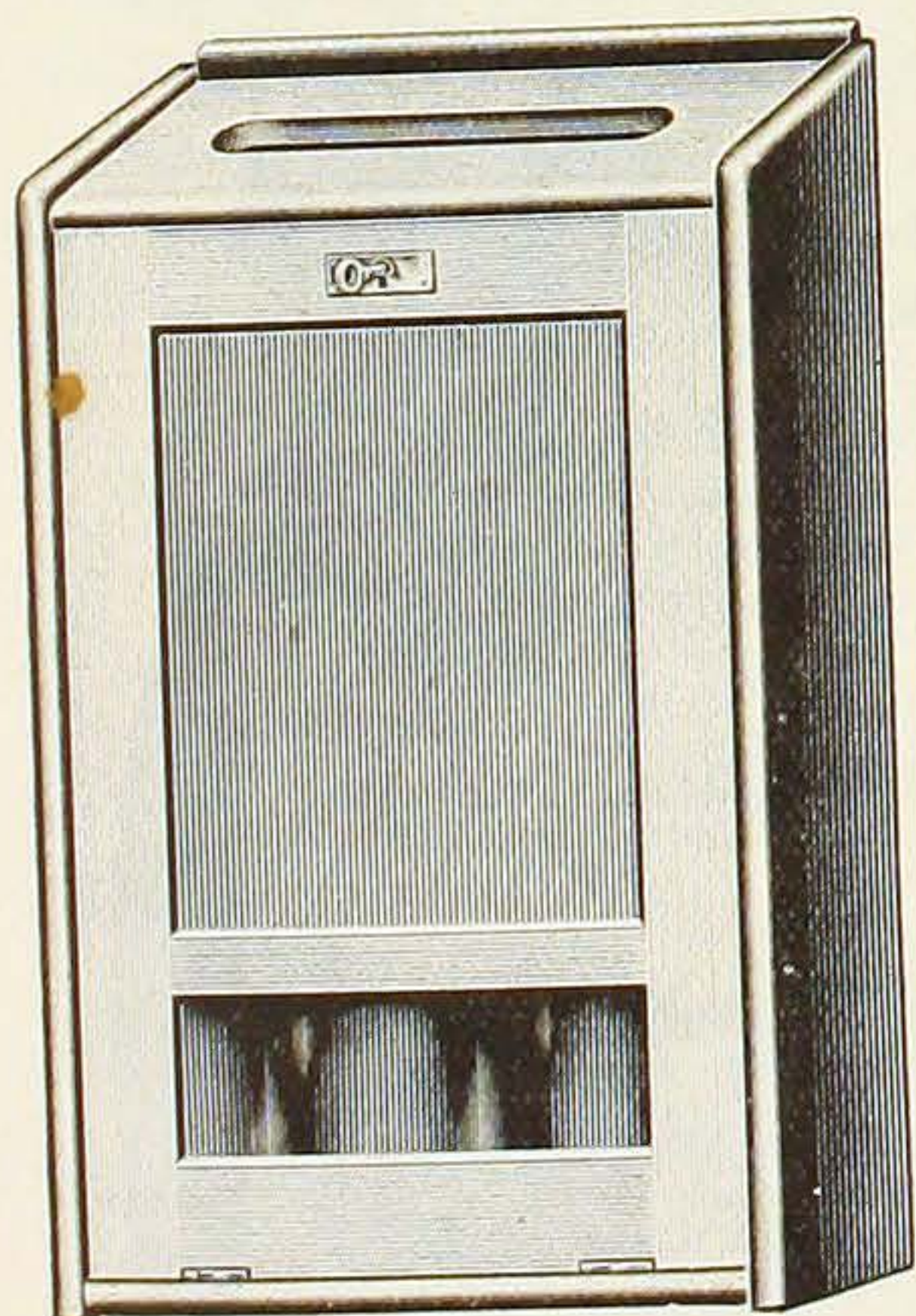


Front View Side View

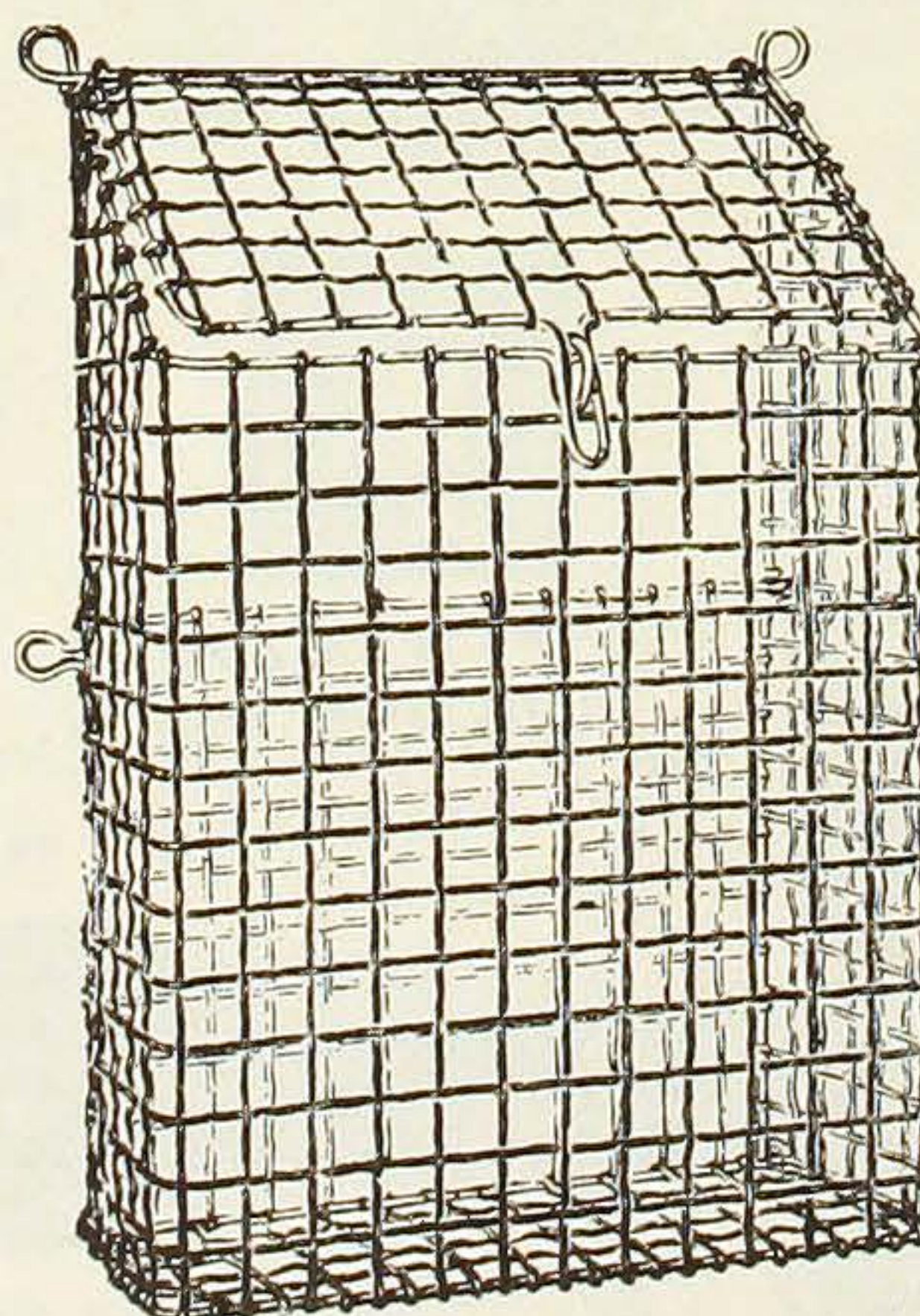
No. PHQ 9020
 Lever Action Flush Bolt.
 Finished Berlin Black.
 Size. dozen. each.
 6" x 1" ... 33/3 2/11
 8" x 1" ... 36/9 3/2
 10" x 1" ... 42/- 3/8
 12" x 1" ... 43/9 3/9

For Brass and B.M.A.
 Lever Action Flush Bolts
 see page 87.

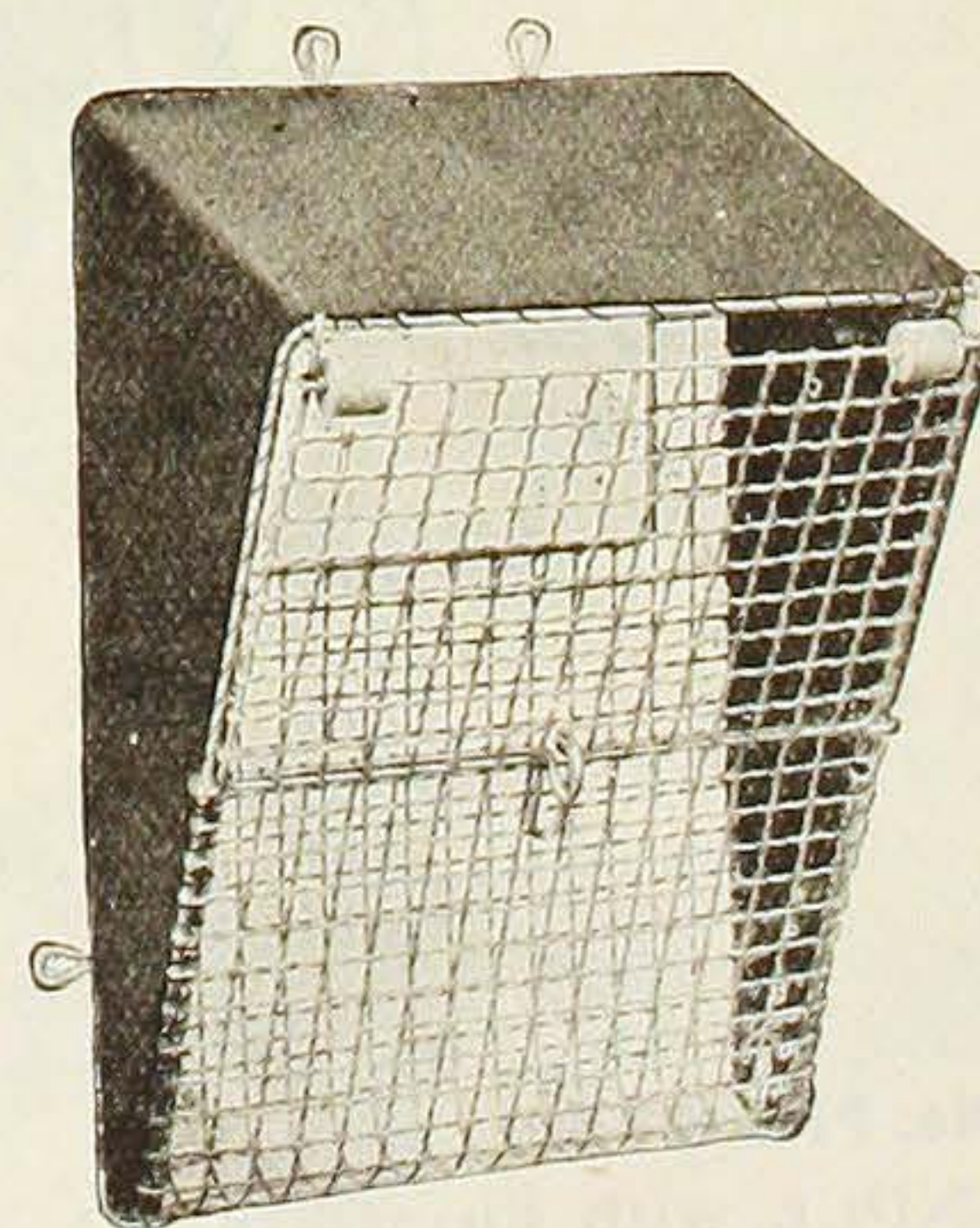
For Antique Iron Lever
 Action Flush Bolts
 see page 257.



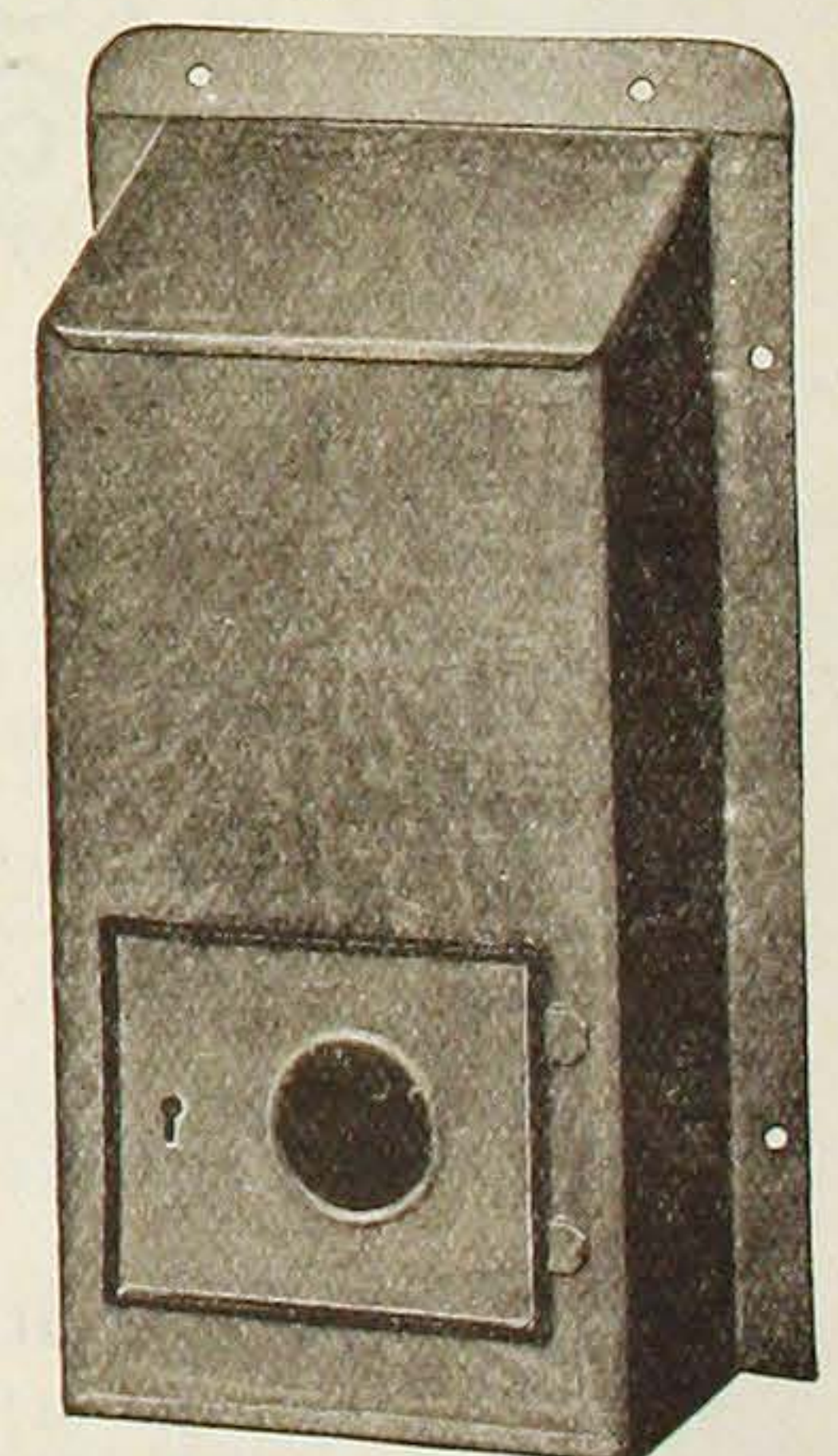
No. PHS 9270
 Wood Letter Box.
 With Glass Window and good
 quality Lock and Key.
 Outside size.
 10 1/4" x 8" x 3 1/4" 8/9 each.
 11 1/4" x 8 1/4" x 3 1/4" 9/6 "
 14" x 9 1/2" x 4 1/4" 10/2 "
 19" x 12" x 4 3/4" 12/6 "
 24 1/2" x 15" x 5 1/4" 15/6 "



No. PHQ 9272
 Strong Wire Letter Box.
 Galvanized. Brass. Copper.
 Size. dozen. each. dozen. each. dozen. each.
 10" x 7" x 4" 47/3 4/2 85/2 7/3 94/6 8/2
 12" x 8" x 4" 56/9 4/10 94/6 8/2 104/- 8/10
 14" x 8" x 4" 61/6 5/3 104/- 8/10 113/6 9/8
 16" x 9" x 4 1/2" 85/3 7/3 179/7 15/2 189/- 16/-
 18" x 9" x 5" 113/4 9/8 208/- 17/6 220/6 18/6



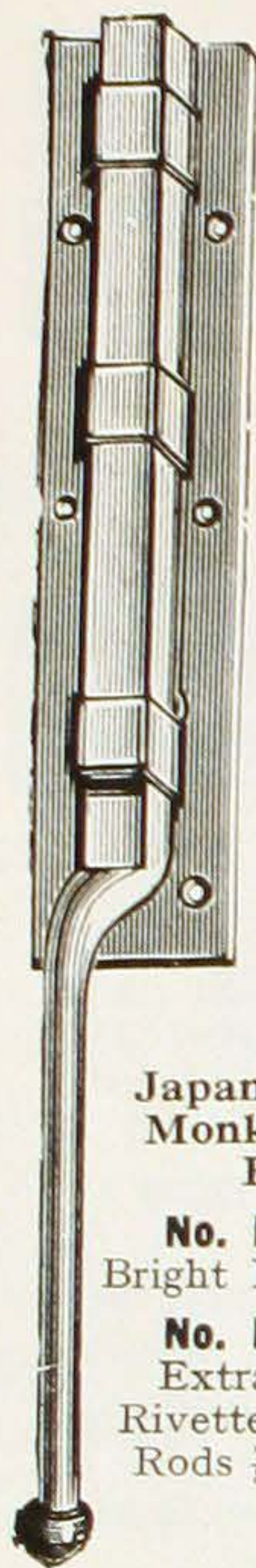
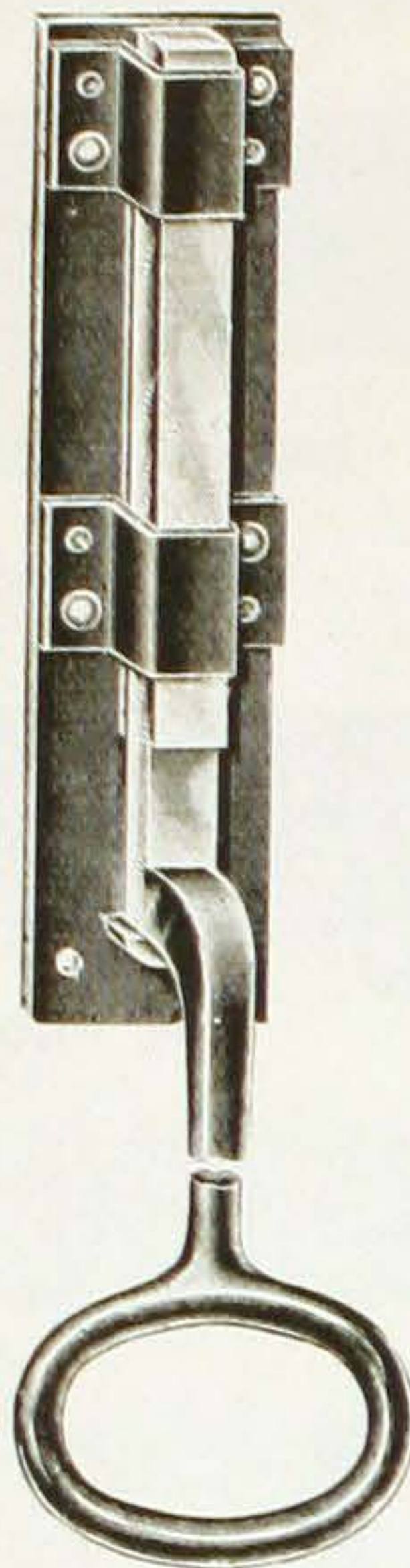
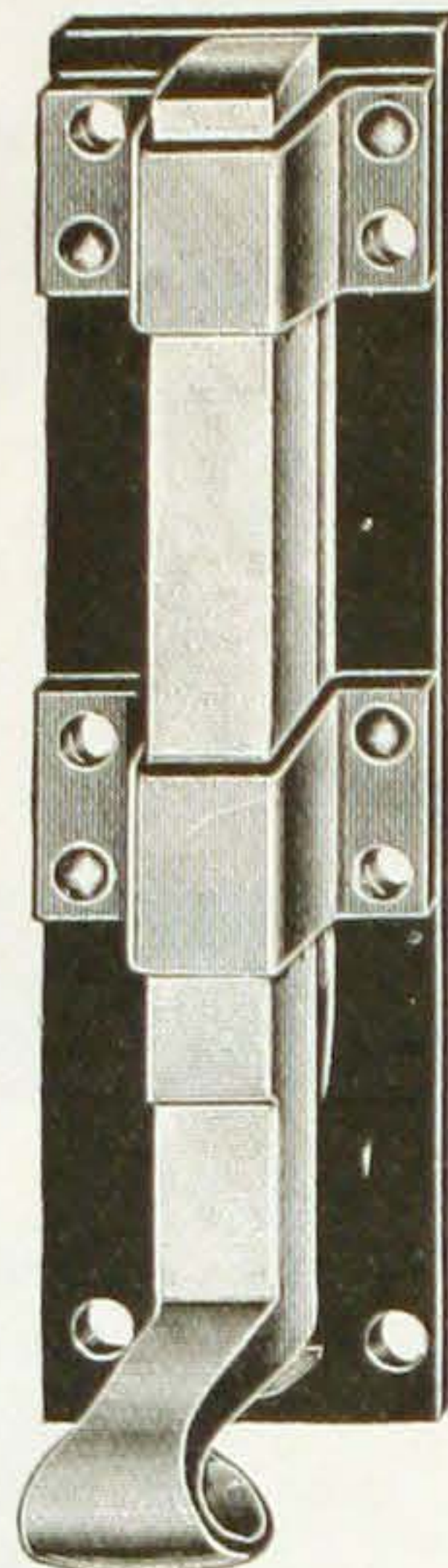
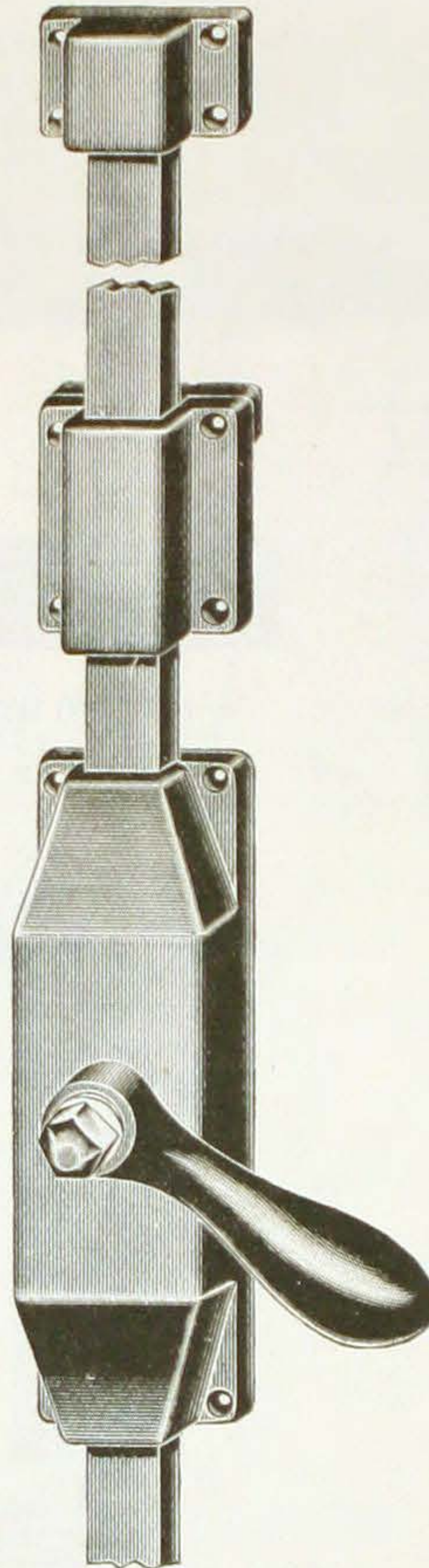
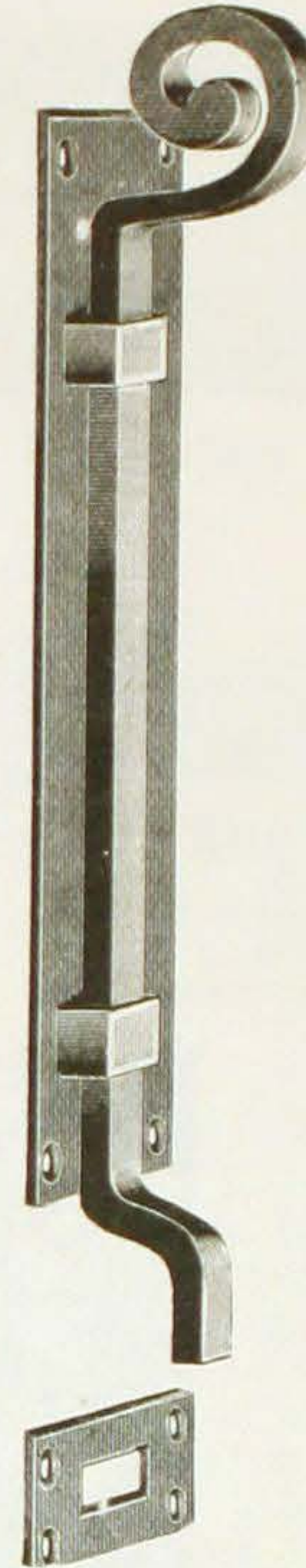
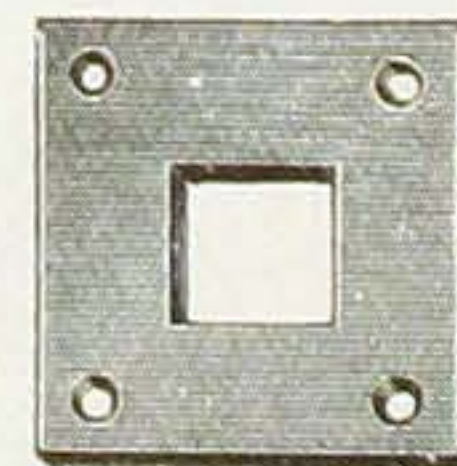
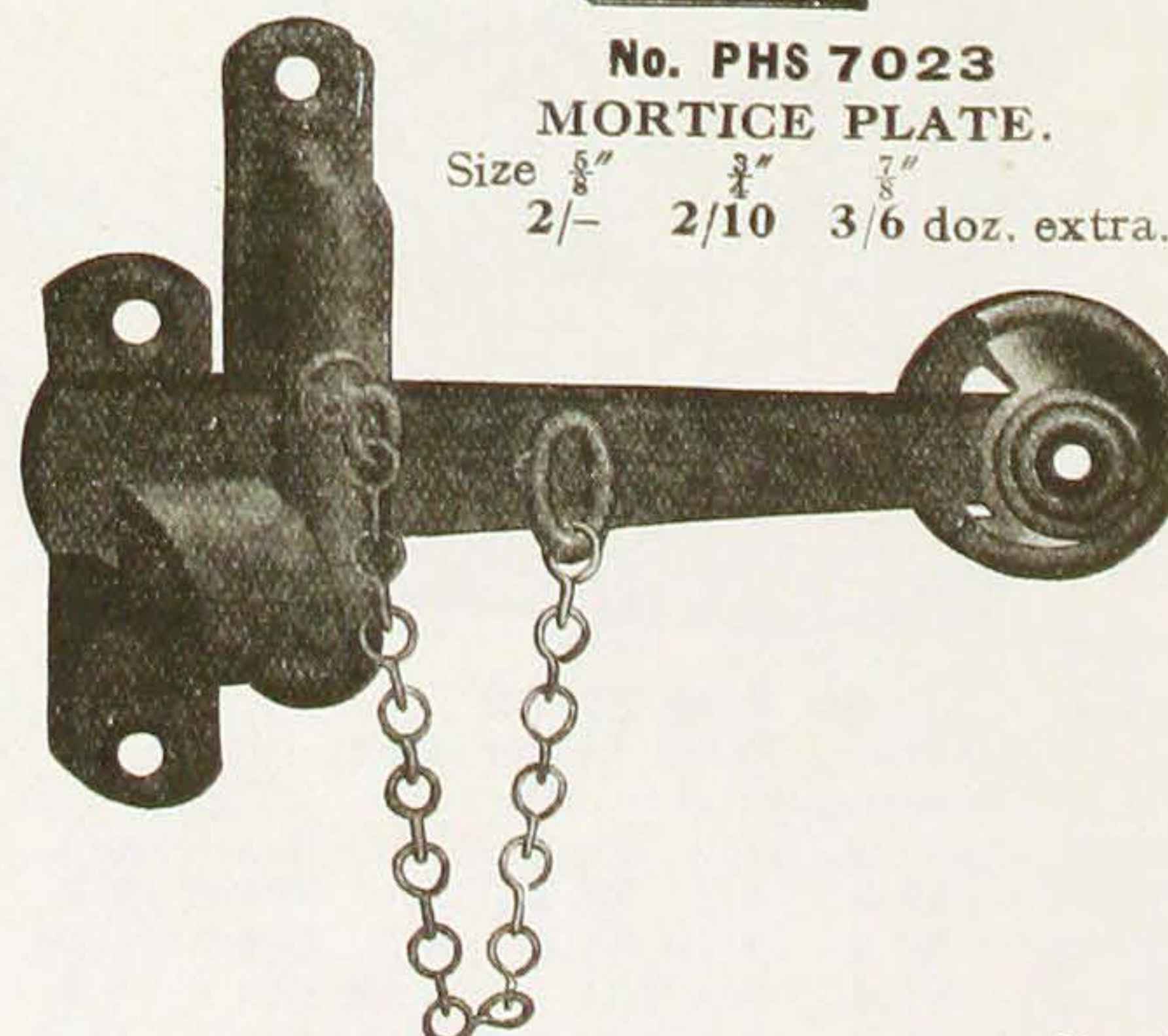
No. PHS 9271
 Collapsible Letter Box.
 15 1/4" x 12"
 Tinned Wire, with Steel Frame
 fitted with dark canvas sides.,
 11/3 each.
 If Brass ... 20/9 each.
 Not stocked in Brass.



No. PHQ 9273
 Japanned Oak Letter Box.
 With Guard Flap inside.
 Size.
 13" x 7 1/2" x 3 1/4" ... 10/6 each.
 14" x 8" x 4" ... 11/8 "

"B" Basis.

Gate Bolts and Latch Furniture, etc.

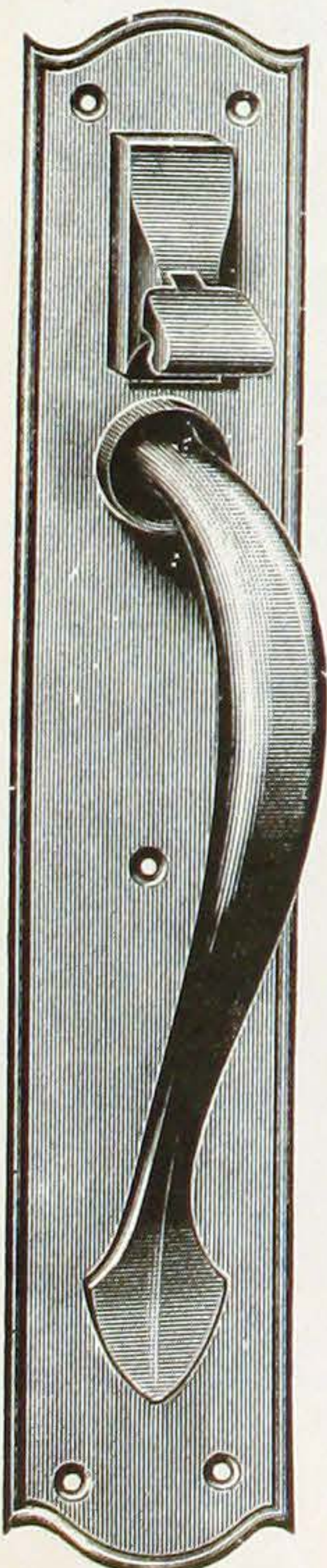
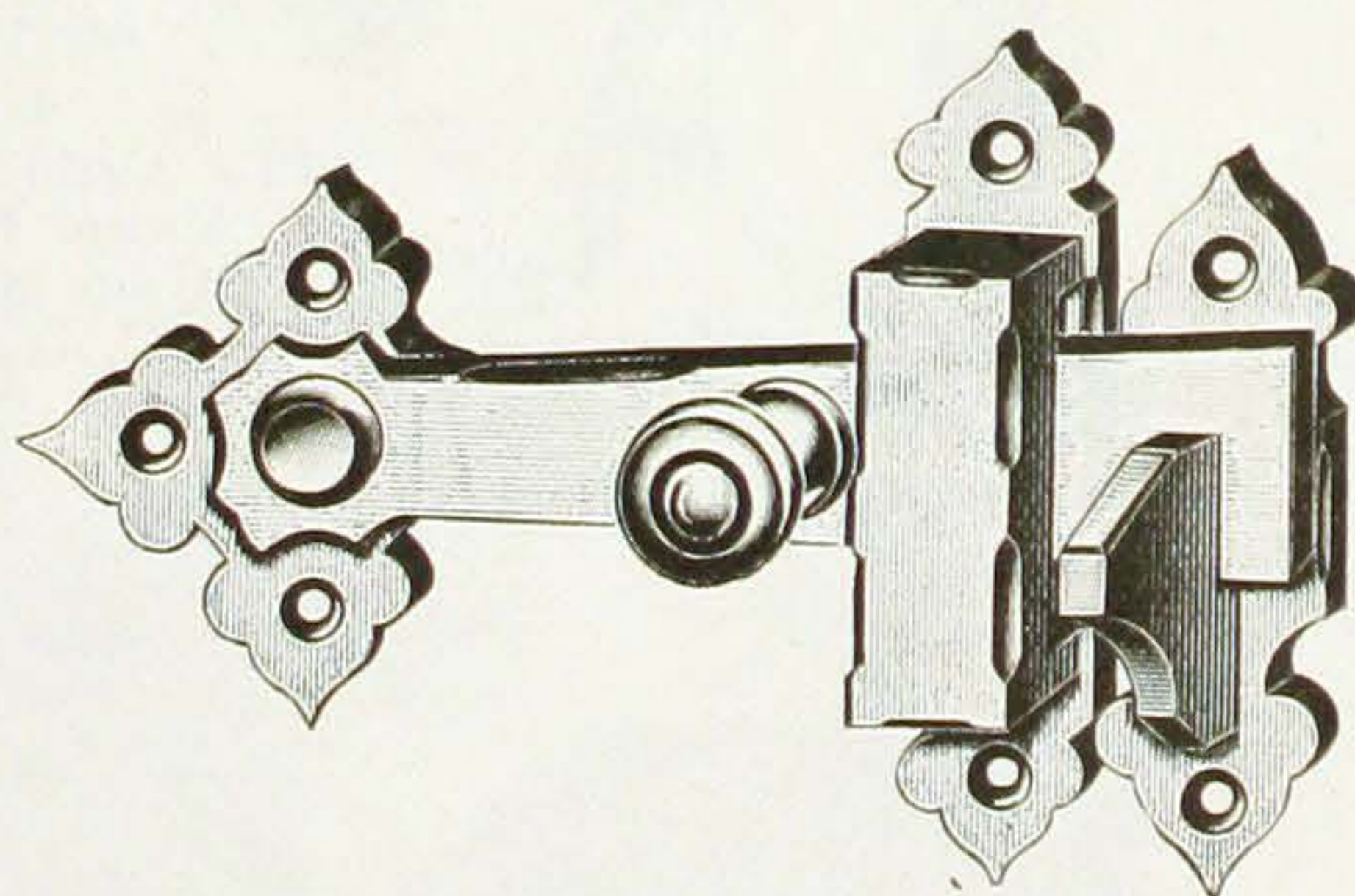
Japanned W.I.
Monkey Tail
Bolt.**No. PHS 73**Bright Rod, $\frac{3}{4}$ " sq.**No. PHS 12**Extra strong.
Rivetted Staples.
Rods $\frac{7}{8}$ " square.**Bow Handle Bolt.**
1/- each extra to
Monkey Tail Bolts.**Nos. PHS 73
and PHS 12**Japanned W.I.
Sq. Spring Bolt.**No. PHS 67**Bright Rod $\frac{5}{8}$ " & $\frac{3}{4}$ "**No. PHS 11**Bright Rods, extra
strong, Rivetted
Staples, $\frac{7}{8}$ "**No. PHQ 6156
JAPANNED IRON
GATE BOLT.**For large heavy ware-
house, factory, shed and
other doors.All Iron with $1\frac{1}{2}$ " shoots
Up to 9' 0" 32/- each.Lighter with
 $\frac{3}{4}$ " x $\frac{3}{8}$ " shoots.
26/3 each.**Monkey Tail Bolt.**
No. PHQ 2669Plate $1\frac{1}{2}$ " wide 12" long.
Rods $\frac{11}{16}$ " x $\frac{7}{16}$ " x 24"
overall.Plate $2\frac{1}{4}$ " wide.
Berlin Black.**No. PHQ 6750** Straight**No. PHQ 6751** Cranked.Size 15" 18"
94/6 105/- dozen.
8/- 9/- each.In the larger sizes, the
plates are not extended
but extra Staples are used
instead.each.
Brass ... 43/-
C.B. & R. on Brass 47/3
Bronze Metal Ant. 53/10
Ox. Silver on Brass 56/-**No. PHS 7022
STAPLE.** $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ "
2/- 2/10 3/6
dozen extra.**No. PHS 7024
STONE SOCKET.** $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ "
3/6 4/5 5/3
dozen extra.**No. PHS 7023
MORTICE PLATE.**Size $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{7}{8}$ "
2/- 2/10 3/6 doz. extra.**No. PHQ 6752 FURNITURE****No. PHQ 6752**Size 6". Malleable Iron, Art Black Finish.
Complete with Furniture. 26/3 dozen sets, 2/4 per set.

Square Spring Bolts.

Size	6"	8"	10"	12"	14"	16"	18"
No. PHS 67	1/8	2/3	2/9	3/3	3/10	4/5	5/- each.
No. PHS 11	1/11	2/7	3/2	3/9	4/5	5/1	5/8 "
			3/9	4/6	5/3	6/-	6/9 "

Monkey Tail Bolts.

Size	12"	15"	18"	24"	30"	36"	42"	48"	54"	60"
No. PHS 73	3/9	4/1	4/5	5/3	5/11	6/9	7/6	8/2	8/11	9/8 each.
No. PHS 12	4/5	4/10	5/3	5/11	6/9	7/6	8/2	8/11	9/8	10/6 "

Mortice Plates, Sockets, or Staples extra.
See illustrations and prices below.Mortice Plates, Sockets, or Staples, extra.
See illustrations and prices below.**No. PHQ 6756****No. PHQ 6753**

Furniture only.

Length of bar, $6\frac{1}{2}$ " Overall length 8".
Polished Brass ... 10/6 set.
C. B. & R. on Brass ... 12/3 "
Bronze Metal Antique ... 13/3 "
Oxidized Silver on White
Metal ... 18/6 "**No. PHS 6756**

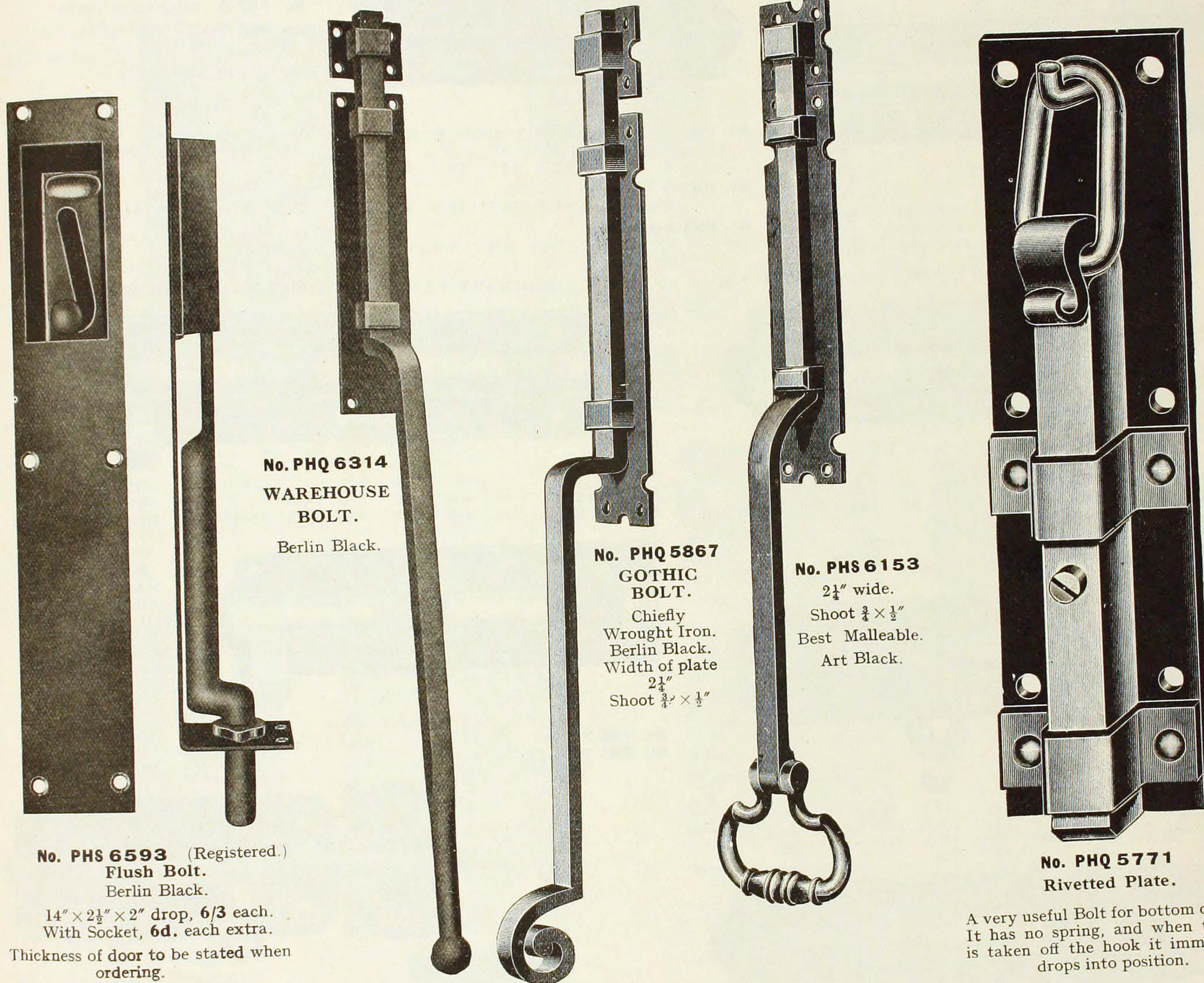
LOCK HANDLE with Furniture.

Handle $13\frac{3}{4}$ " x $2\frac{1}{2}$ " Furniture $4\frac{3}{4}$ ".
Polished Brass ... 33/3 per set.
C.B. & R. on Brass ... 35/- "
Bronze Metal Antique ... 38/6 "
Oxidized Silver on White
Metal ... 46/6 "
Set consists of two handles, (one each side
of door and Furniture one side).

"B" Basis.

PHS—Stock Lines ; PHQ—Quick delivery.

Gate Bolts



No. PHQ 6314
WAREHOUSE
BOLT.
Berlin Black.

No. PHQ 5867
GOTHIC
BOLT.
Chiefly
Wrought Iron.
Berlin Black.
Width of plate
 $2\frac{1}{4}$ "
Shoot $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ "

No. PHS 6153
 $2\frac{1}{4}$ " wide.
Shoot $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ "
Best Malleable.
Art Black.

No. PHQ 5771
Rivetted Plate.

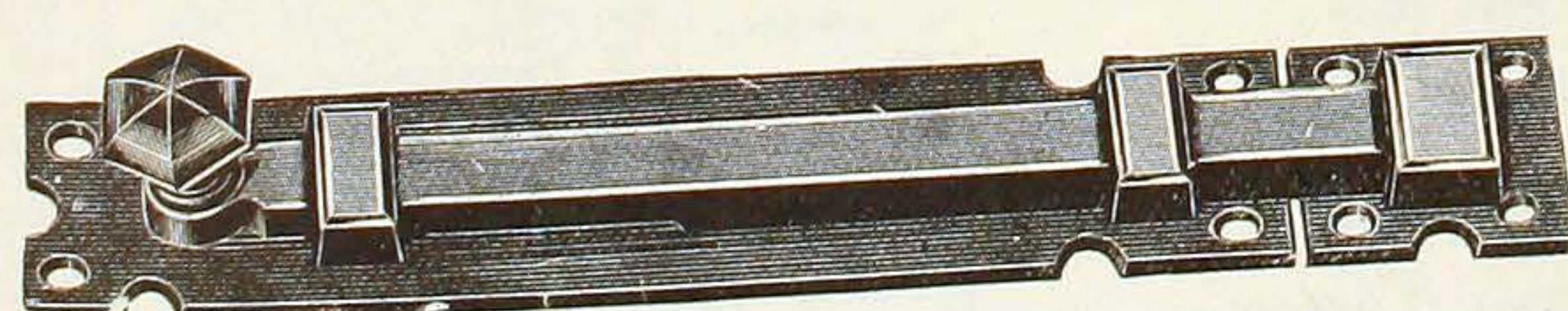
A very useful Bolt for bottom of doors.
It has no spring, and when the ring
is taken off the hook it immediately
drops into position.

No. PHS 6593 (Registered.)
Flush Bolt.
Berlin Black.

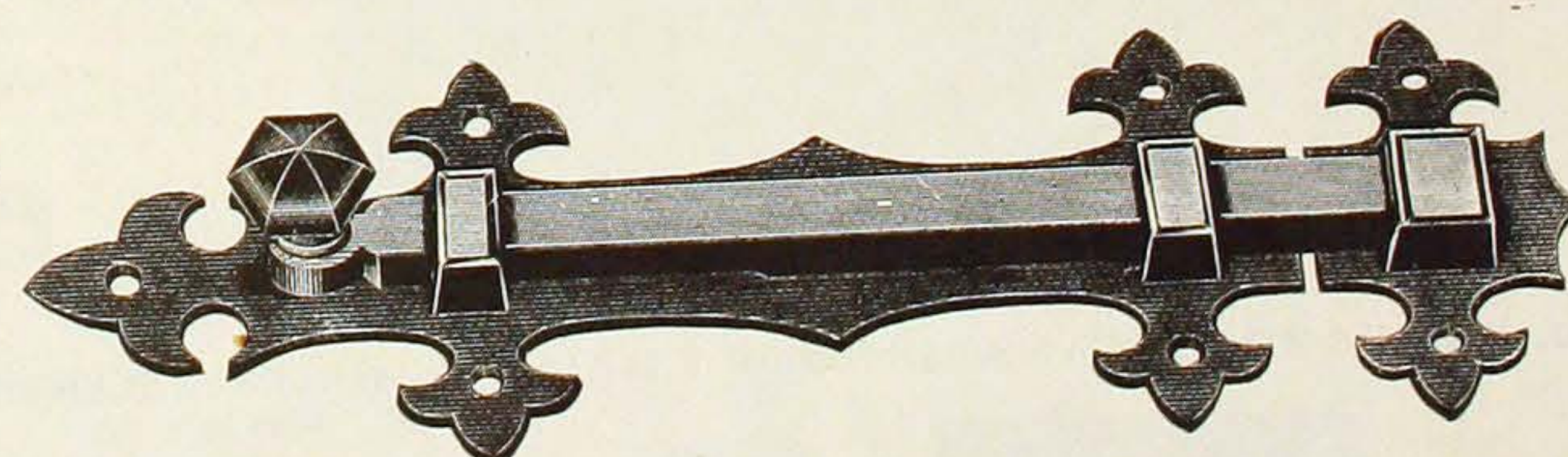
$14" \times 2\frac{1}{2}" \times 2"$ drop, 6/3 each.
With Socket, 6d. each extra.

Thickness of door to be stated when
ordering.

	15"	18"	21"	24"	30"	36"	42"	48"	54"	60"	each.
No. PHQ 5867 ...	—	8/9	—	10/6	11/6	12/9	—	—	—	—	—
No. PHS 6153 ...	—	6/3	6/8	7/—	8/9	—	—	—	—	—	—
No. PHQ 6314 ...	5/3	5/2	6/—	6/10	8/7	10/3	12/—	13/7	15/4	17/2	—
No. PHQ 5771 ...	4/3	6/3	7/3	8/3	10/3	12/6	14/6	16/8	18/6	20/8	—
... 3"	5/2	6/3	7/3	8/3	10/3	12/6	14/6	16/8	18/6	20/8	—
... 4"	6/3	7/6	8/9	10/—	12/6	15/—	17/6	20/—	22/6	25/—	—
... 5"	—	—	—	—	—	—	—	—	—	—	—
... 6"	—	—	—	—	—	—	—	—	—	—	—
... 7"	—	—	—	—	—	—	—	—	—	—	—
... 8"	—	—	—	—	—	—	—	—	—	—	—
No. PHS 6593— $14" \times 2\frac{1}{2}" \times 2"$ Drop. 6/3 each. With Sockets 6d. each extra.											



Gothic
Bolts



No. PHS 6151—Width of plate, $2\frac{1}{4}$ " Length 6"—60". Berlin Black.

Size	6"	8"	9"	10"	12"	15"	18"	21"
Price	36/9	47/3	52/6	63/—	73/6	84/—	92/9	103/3 dozen.
"	3/3	4/3	4/6	5/6	6/3	7/2	7/10	8/7 each.
Size	24"	27"	30"	36"	42"	48"	54"	60"
Price	112/—	122/6	140/—	157/6	178/6	194/3	210/—	231/— dozen
"	9/6	10/5	11/11	13/3	15/2	16/5	17/9	19/6 each.

Size	6"	8"	10"	12"	15"	18"	21"
Price	24/6	56/—	73/6	84/—	94/6	108/6	119/— dozen.
"	2/2	4/10	6/3	7/2	8/—	9/3	10/2 each.
Size	24"	27"	30"	36"	42"	48"	54"
Price	131/3	141/6	157/6	173/3	189/—	210/—	231/— dozen.
"	11/2	12/—	13/3	14/8	16/—	17/9	19/6 each.

"B" Basis.

Iron Door Bolts.

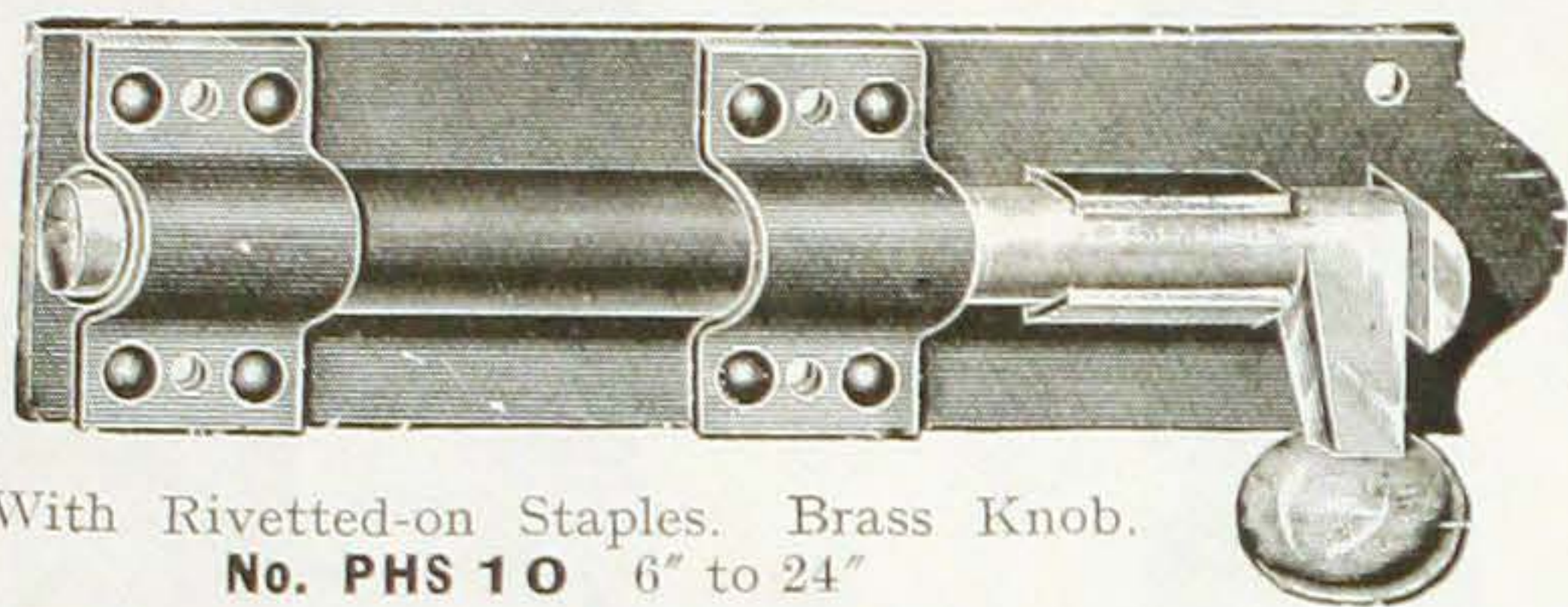
BANKS' PATTERN BRIGHT ROD BARREL BOLTS. Brass Knob.



No. PHS 81

4"	6"	7"	8"	9"	10"
9/9	14/9	17/3	19/8	22/-	24/6 dozen.
12"	14"	16"	18"	20"	24"
29/6	34/3	39/3	44/2	49/-	58/9

EXTRA STRONG BRIGHT ROD BARREL BOLTS.

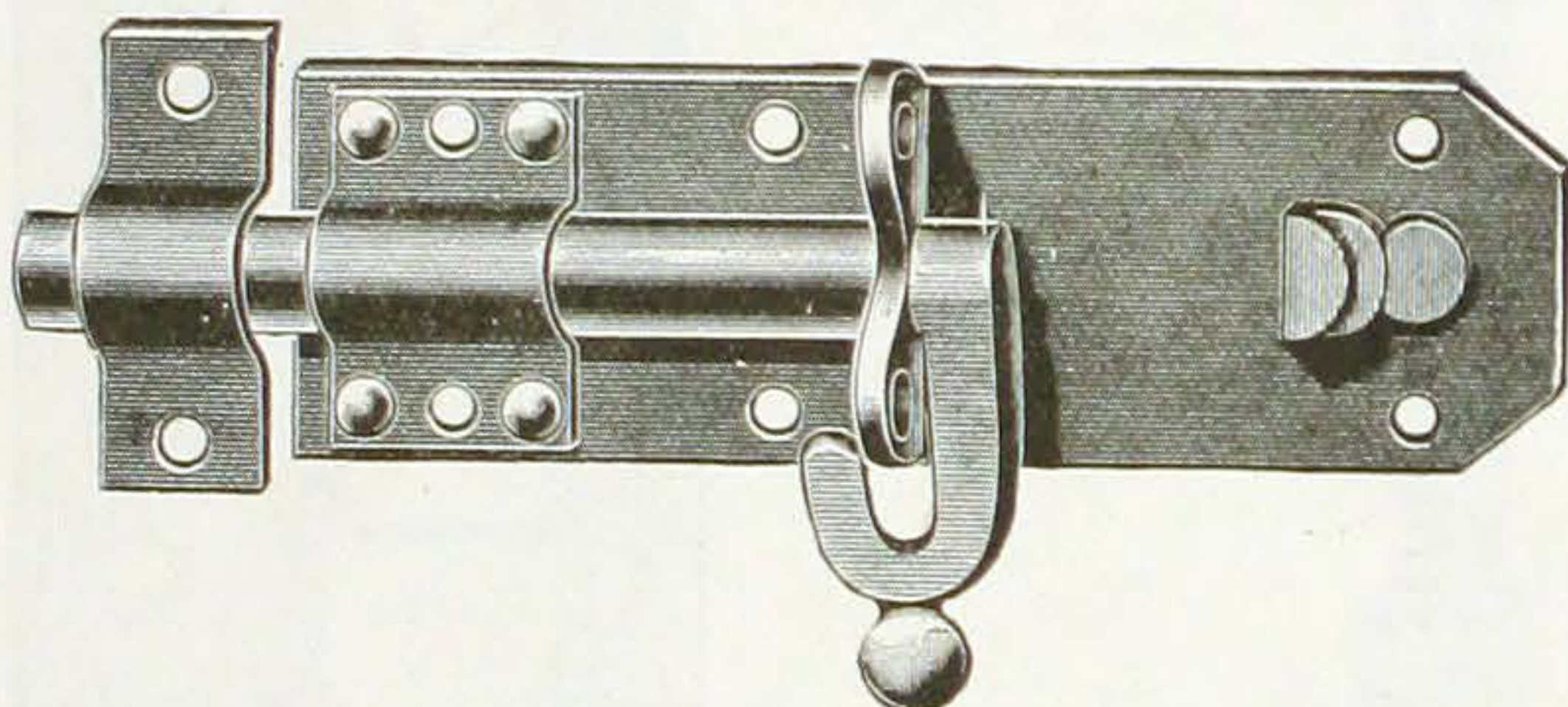


With Rivetted-on Staples. Brass Knob.

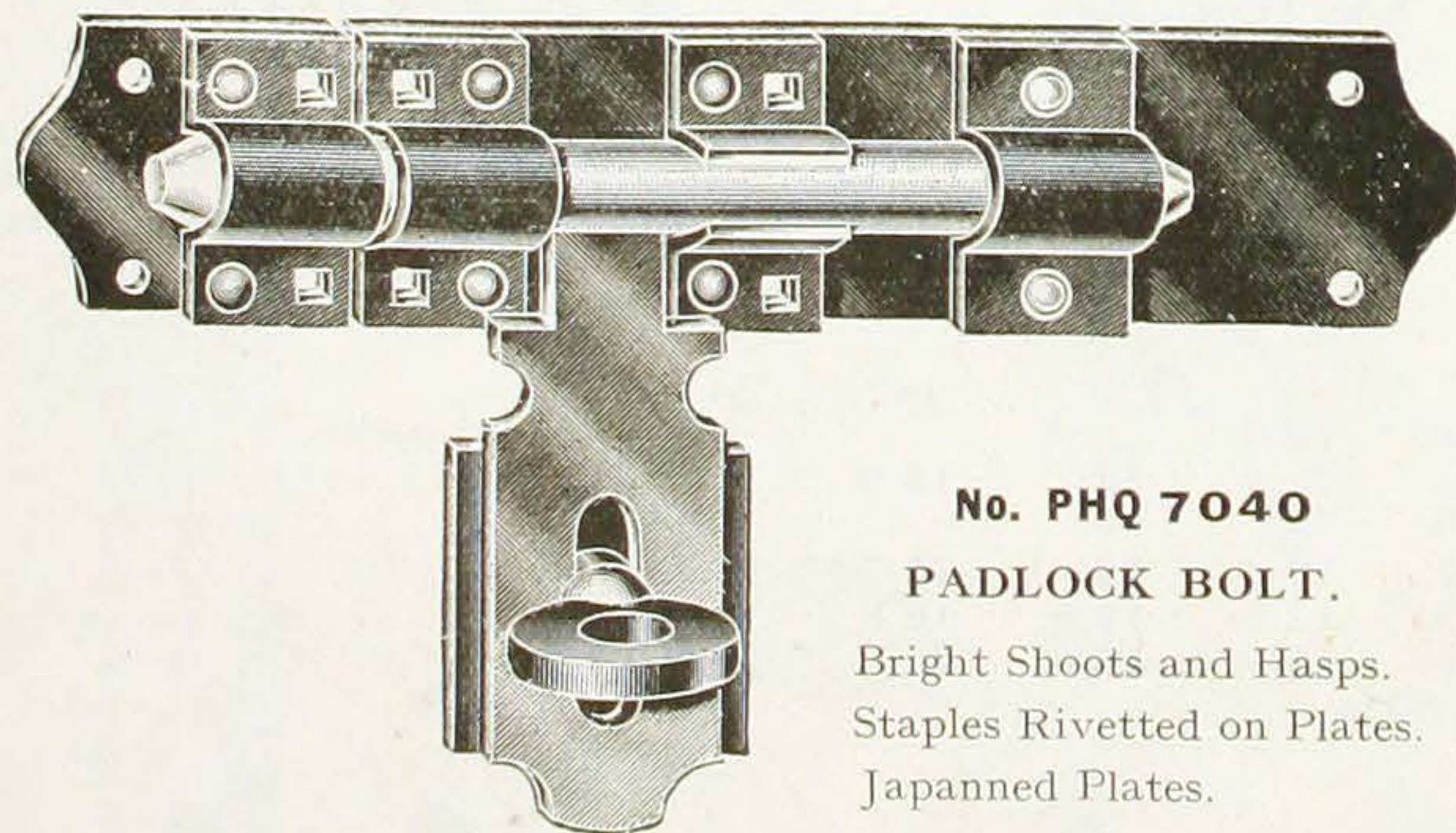
No. PHS 10 6" to 24"

6"	7"	8"	9"	10"	12"	14"	16"
19/-	22/2	25/4	28/6	31/8	38/-	44/4	50/8 dozen.
			18"	20"	24"		
			57/-	63/4	76/-		dozen.

BRENTON'S PADLOCK BOLTS. 5" Shoot.



No. PHS 1a	6"	7"	8"	10"	12"	14"	16"
Japanned	11/3	12/3	13/-	15/6	18/9	21/6	24/3 dozen.
Galvanized	13/-	14/6	15/6	19/3	21/9	26/3	29/-



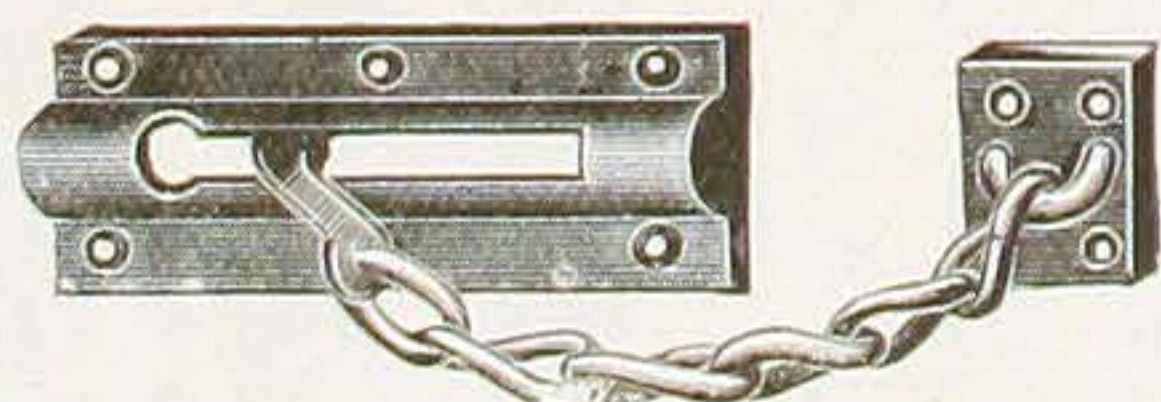
No. PHQ 7040

PADLOCK BOLT.

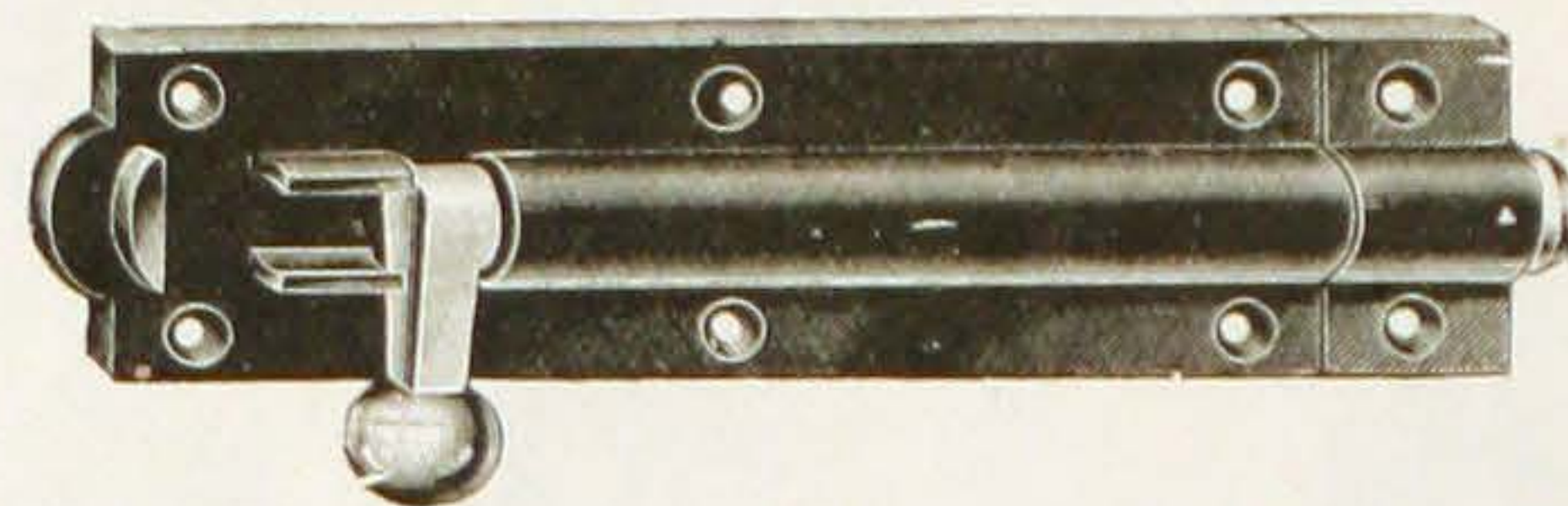
Bright Shoots and Hasps.
Staples Rivetted on Plates.
Japanned Plates.

Size	6"	8"	10"	12"	14"	16"	18"
Shoot 1 1/2"	16/6	22/-	27/6	33/-	—	—	— dozen.
" 2"	22/-	29/4	36/8	44/-	51/4	58/8	—
" 3"	27/6	36/8	45/10	55/-	64/2	73/4	82/6

No. PHS 6430 JAPANNED DOOR CHAIN.



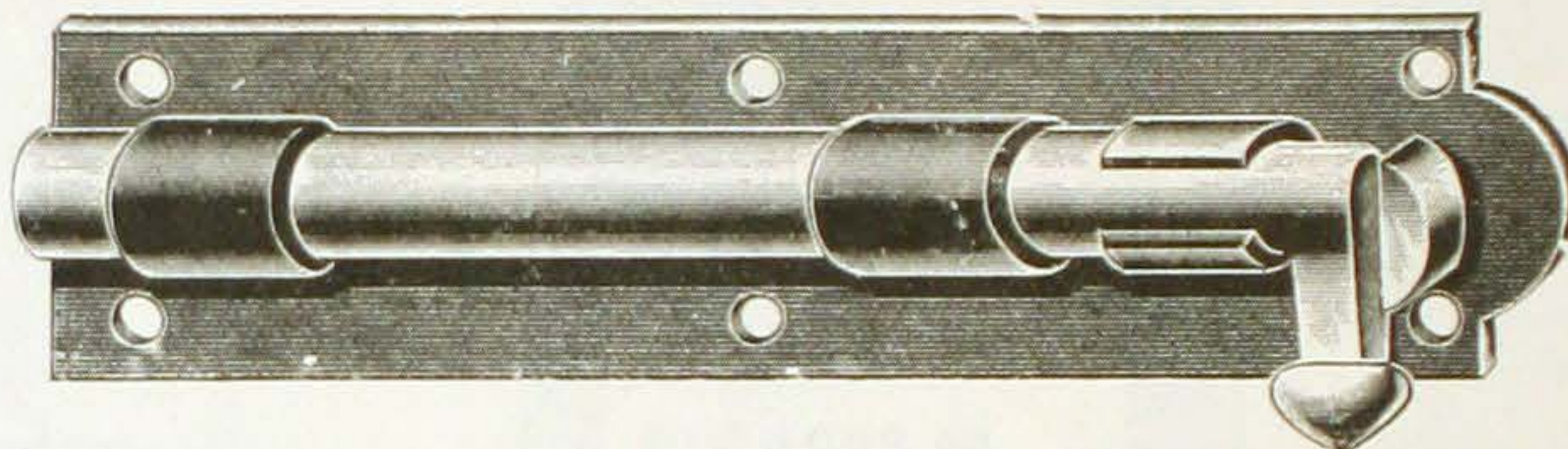
Medium	5"	6"	7"	8"	9"	10"
Heavy	10/6	11/6	12/3	13/2	15/-	16/8
	—	15/9	—	19/3	22/9	28/-
						per dozen.



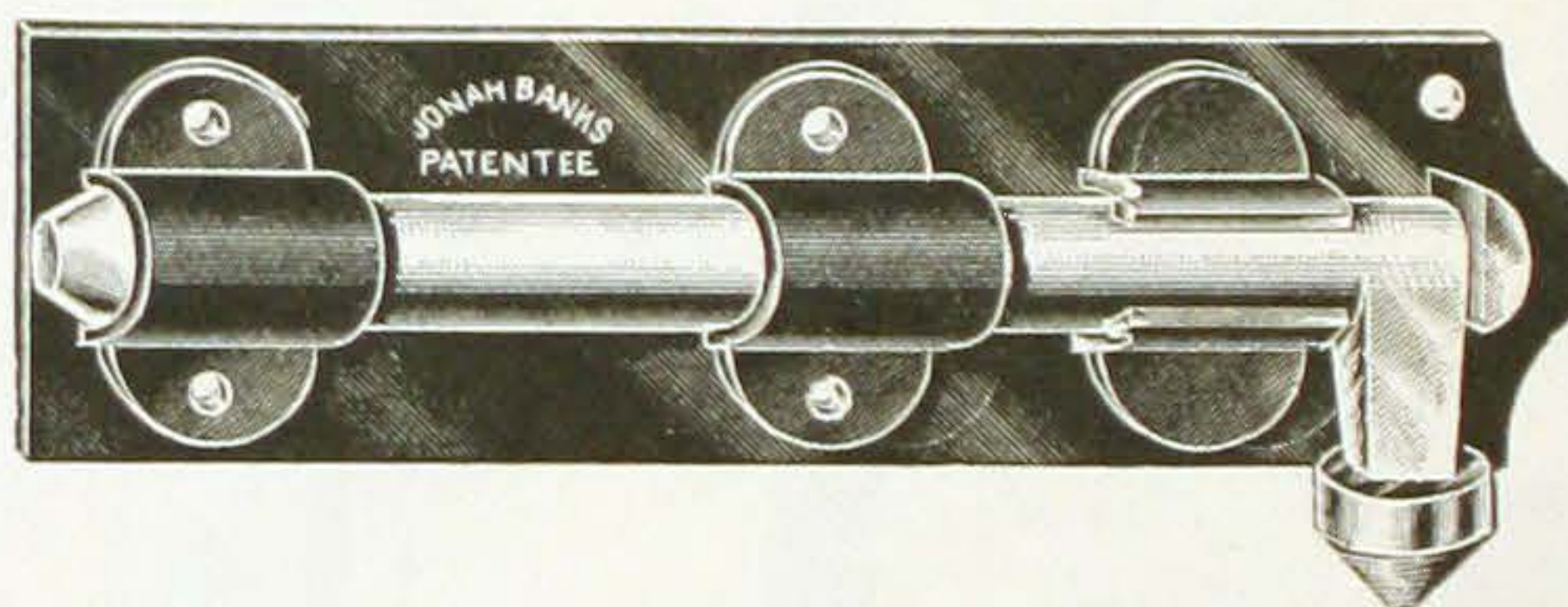
No. PHS 9 BRIGHT ROD BARREL BOLTS. Brass Knob.

3 1/2"	4"	6"	7"	8"	9"	10"	12"	14"	16"	18"	20"	24"
—	7/-	10/6	12/3	14/-	15/9	17/6	21/-	—	—	—	—	— dozen
No. PHS 8	8/4	12/6	14/7	16/8	18/9	20/10	25/-	29/2	33/4	37/6	41/8	50/-
No. PHS 903	5/-	5/3	7/-	7/11	8/9	9/8	10/6	12/3	—	—	—	—

ORDINARY PATTERN SOLID END TOWER BOLTS.



No. PHS 9	4"	5"	6"	7"	8"	9"	10"	12"
No. PHS 8	3/8	4/7	5/6	6/5	7/4	8/3	9/2	11/- dozen.
	4/4	5/5	6/6	7/7	8/8	9/9	10/10	13/-

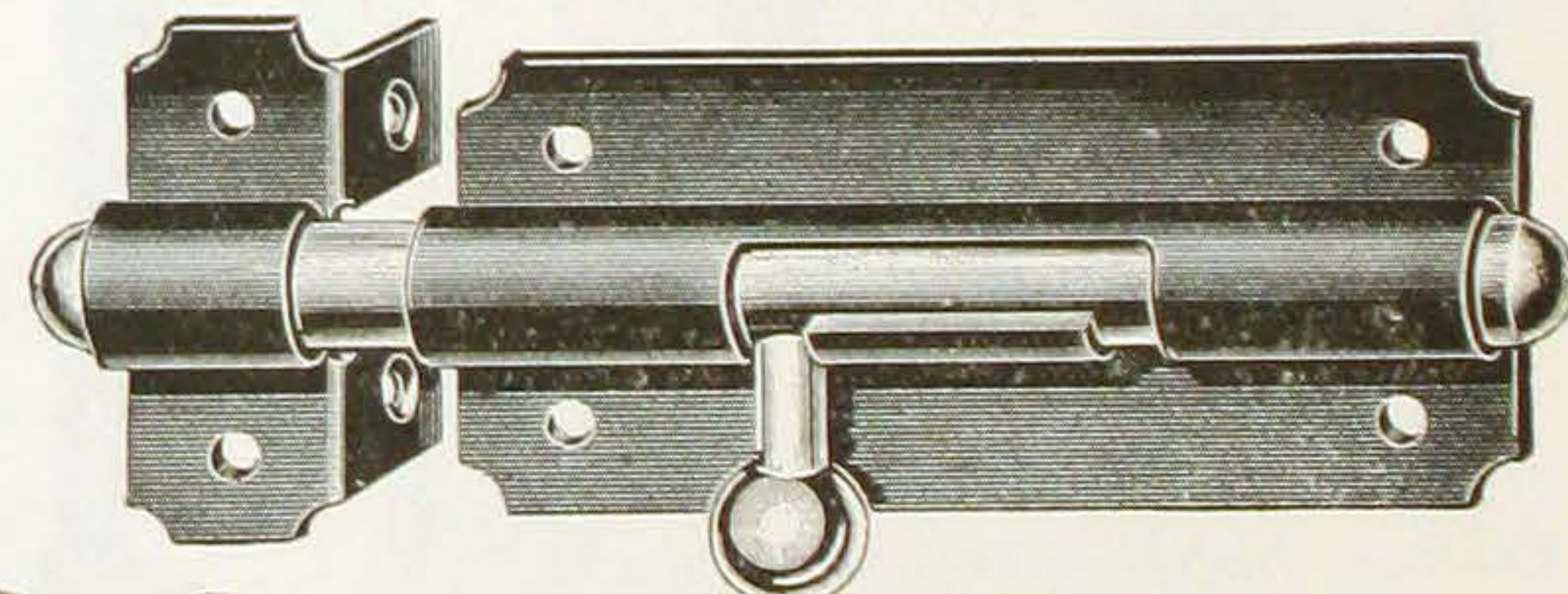


BANKS' PATTERN SOLID END TOWER BOLT.

Staples turned under plate.

Very Strong.

No. PHS 77	4"	5"	6"	7"	8"	9"	10"	12"
No. PHS 75	5/-	6/3	7/6	8/9	10/-	11/3	12/6	15/- dozen.
	4/-	5/-	6/-	7/-	8/-	9/-	10/-	12/-

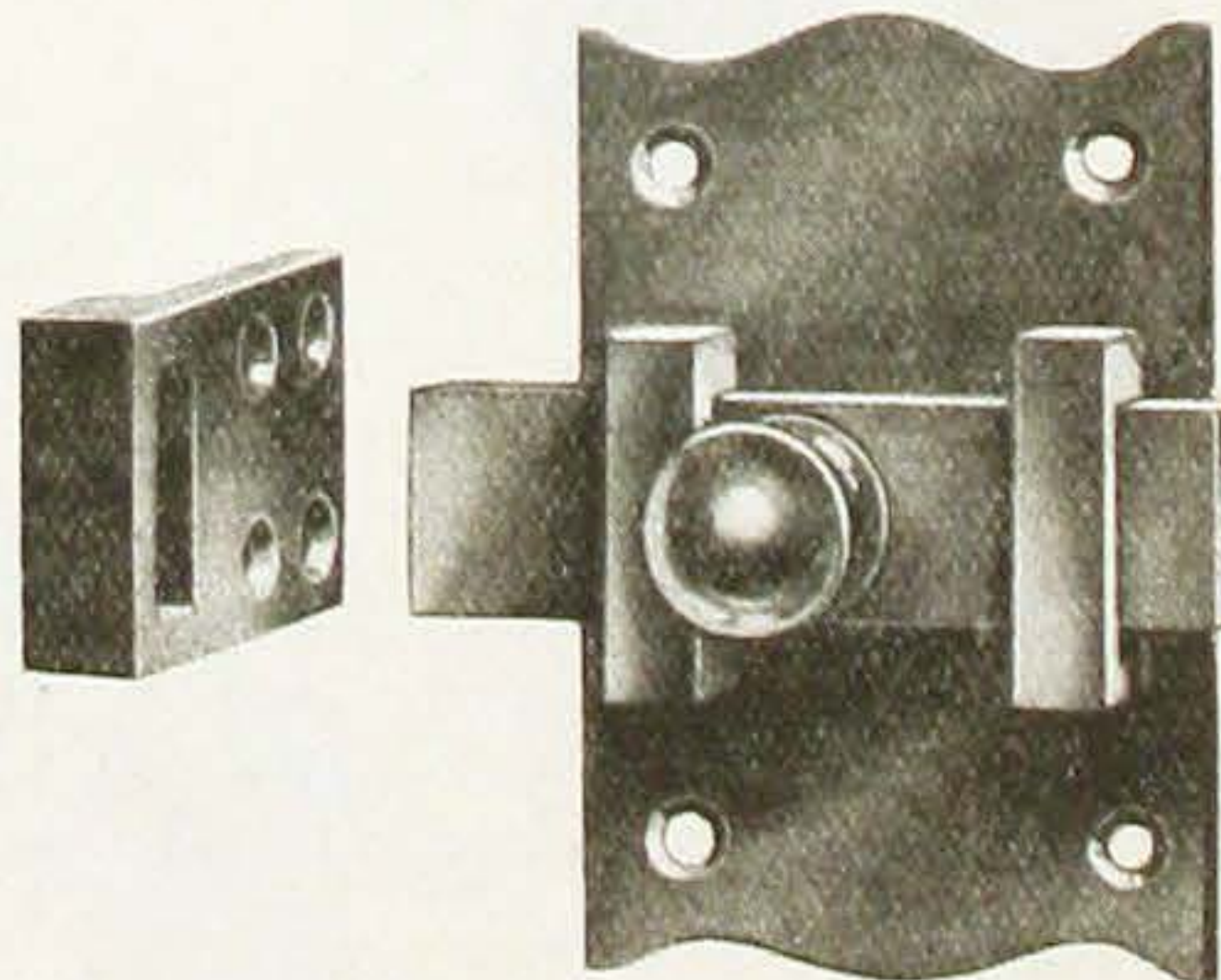


SOCKET BOLTS.

No. PHS 3 Japanned. Bright rods, brass knobs, 4" to 8".

No. PHS 3 Complete with Screws.

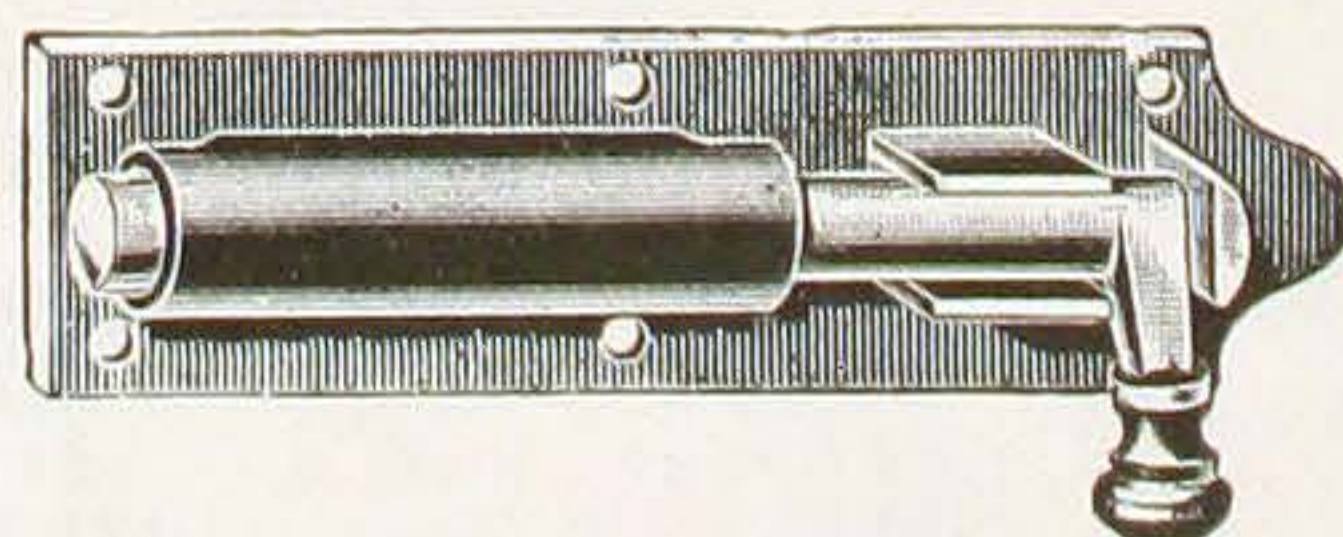
4"	5"	6"	7"	8"
4/10	6/3	7/4	9/9	10/8 dozen.



No. PHS 7030

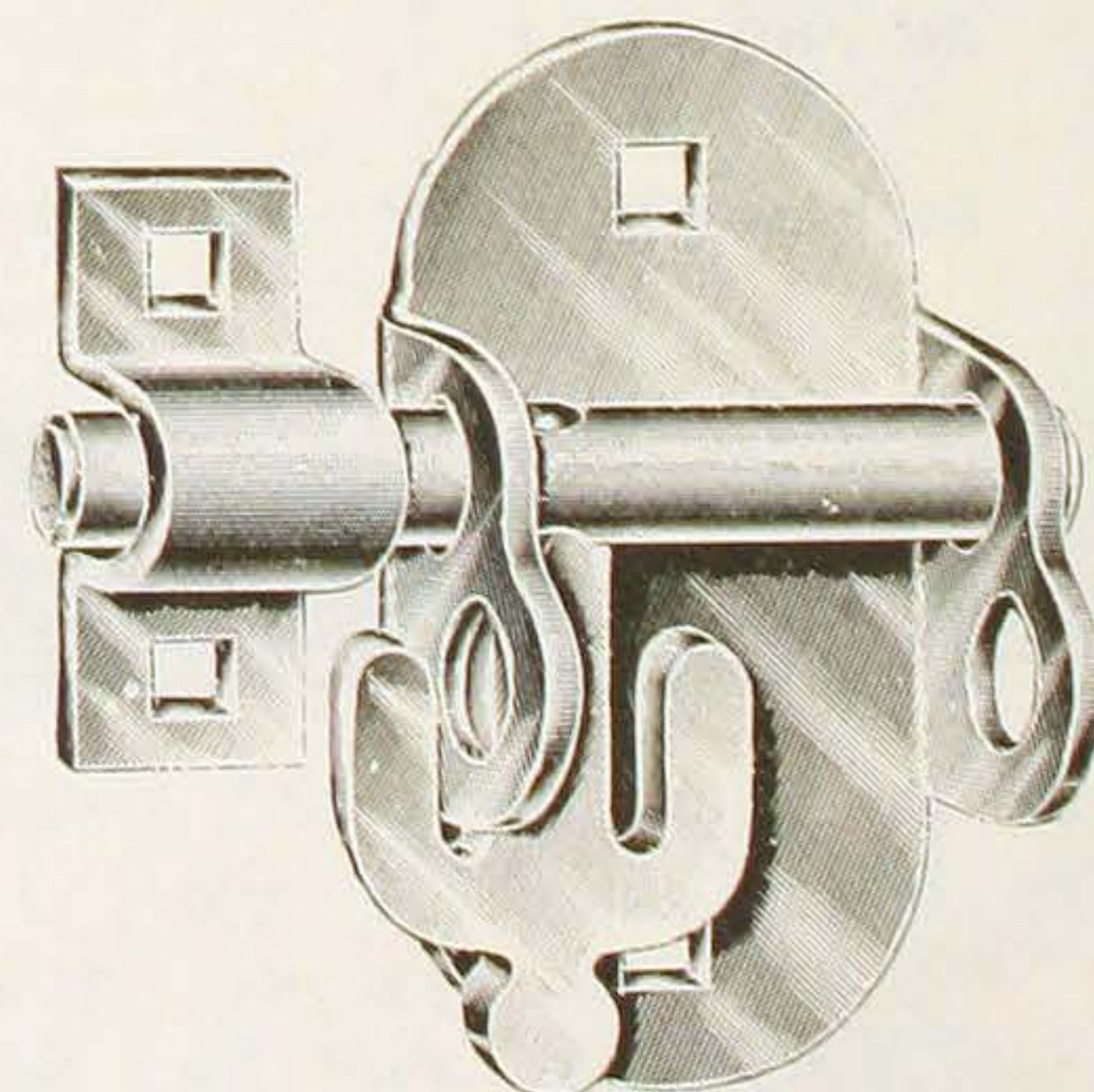
	dozen.	each.
Malleable Iron	12/3	1/2
Polished Brass	28/-	2/6
Bronze Metal Antique	31/6	2/9

BROWN BARREL OR CABINET BOLTS.



No. PHS 15 Brass Knob.

3"	3/10	3 1/2"	4/3	4"	4/8	5"	5/7	6"	6/2 dozen.
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No. PHS 9016

OVAL PADLOCK BOLT. 4" 1/2" Shoot.

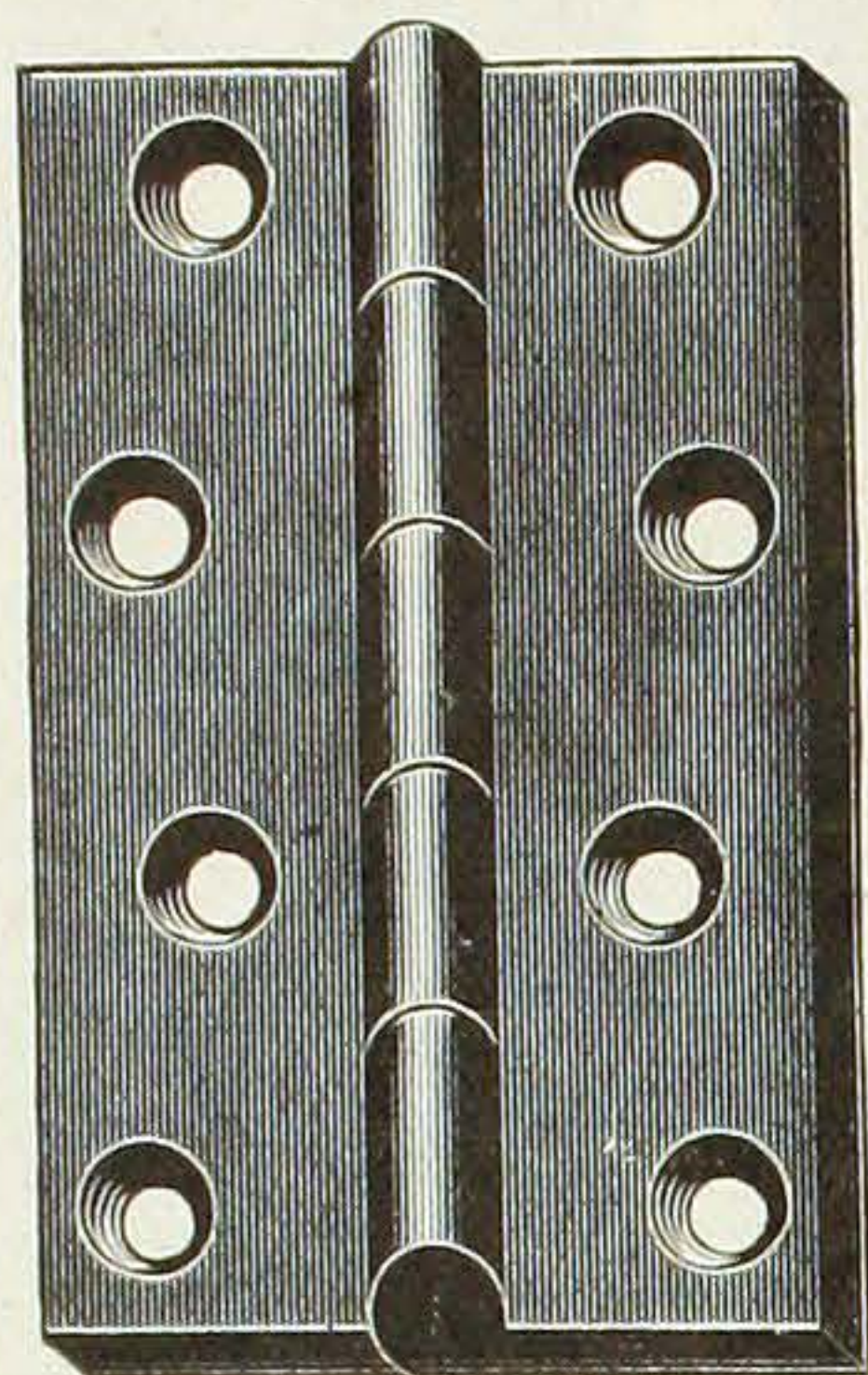
Japanned	7/5 dozen.
Galvanized	8/4

"B" Basis.

PHS—Stock Lines ; PHQ—Quick delivery.

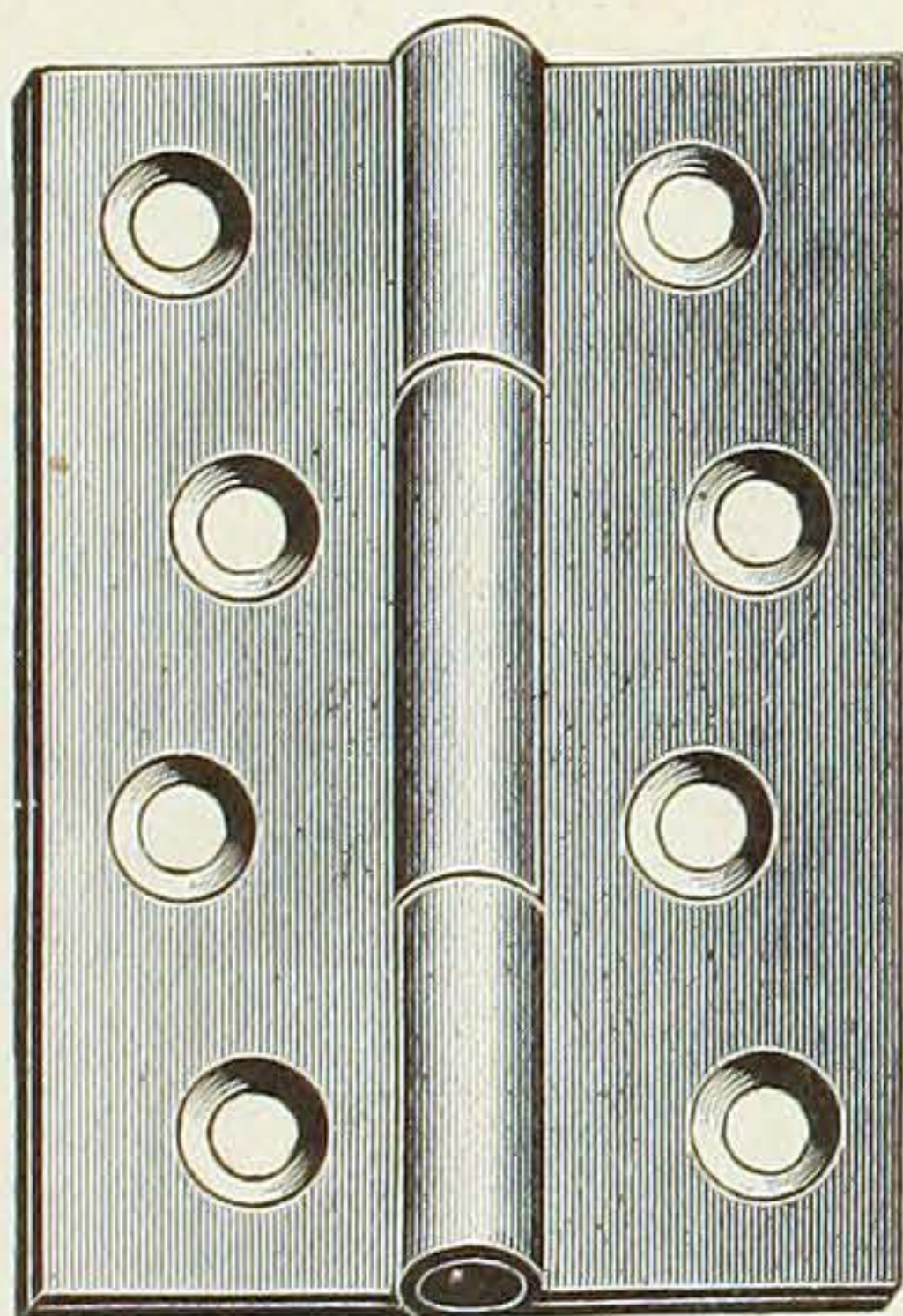
Iron Butt Hinges

IRON BUTTS.

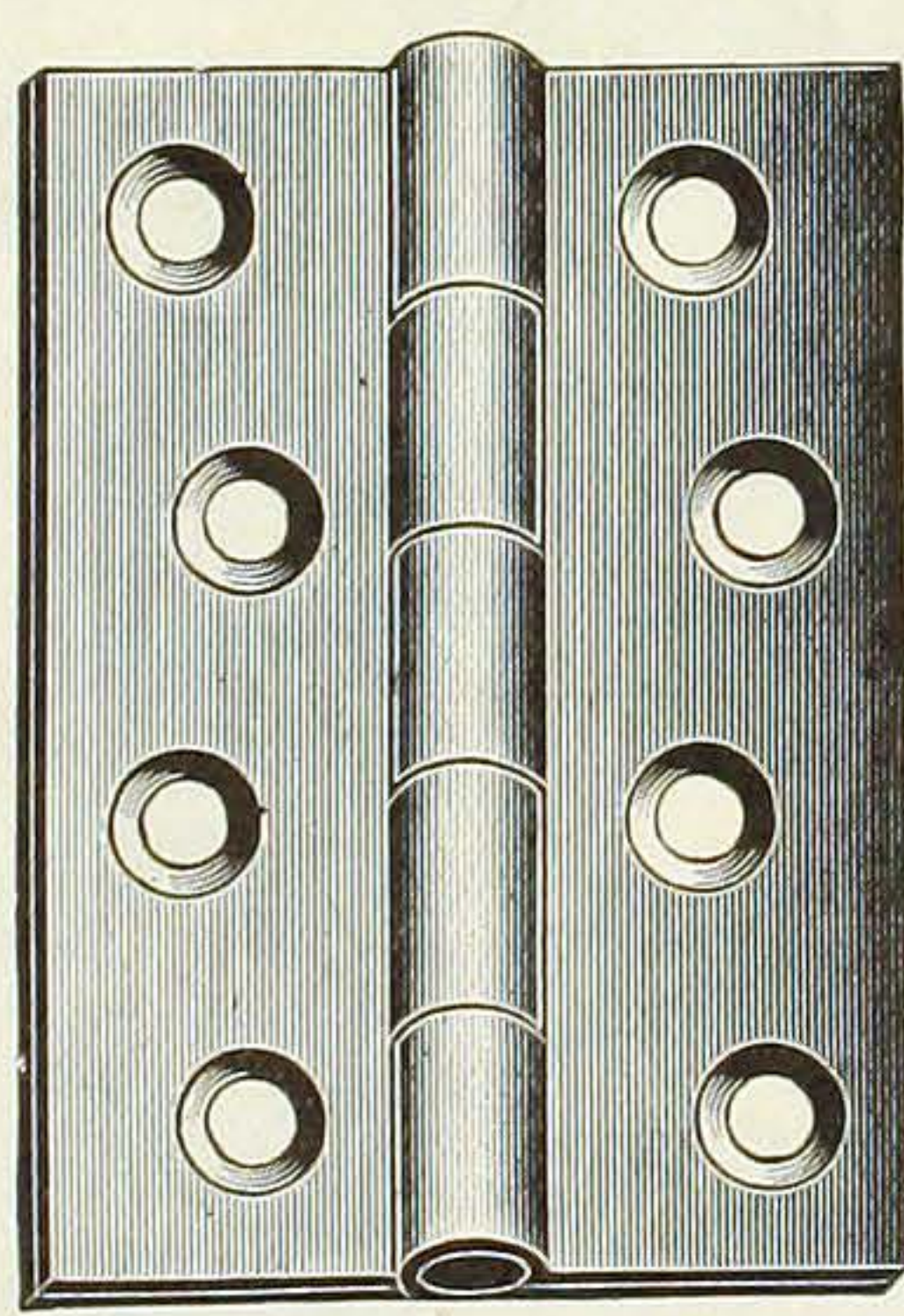


Size	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"
No. PHS 200	2/7	3/8	4/8	6/2	7/9 1/2	9/7 1/2	14/1	17/9 1/2	25/2 doz prs.
	3 1/2 d.	4 1/2 d.	5 1/2 d.	7 d.	8 d.	10 d.	1/3	1/7	2/2 pair.
No. PHS 200 (Baldwin)	2/8	3/9	4/9	6/3	7/11	9/9	14/3	18/-	25/6 doz prs.
	4 d.	5 d.	6 d.	7 d.	9 d.	11 d.	1/3	1/7	2/2 1/2 pair.
No. PHS 333	3/3	4/7 1/2	5/11	7/9	9/9	12/1	17/7	22/3	31/6 doz prs.
	4 d.	5 1/2 d.	7 d.	9 d.	11 d.	1/1	1/7	1/11	2/9 pair.
No. PHS 333 (Baldwin)	4/3	5/8	7/6	9/11	13/2	16/11	22/6	30/-	45/- doz prs.
	5 d.	7 d.	8 1/2 d.	11 d.	1/2	1/6	2/-	2/7	3/10 pair.
No. PHS 564	4/2	5/11	7/6	9/11	12/5	15/5	22/6	28/5	40/4 doz prs.
	5 d.	7 d.	8 1/2 d.	11 d.	1/2	1/5	2/-	2/6	3/6 pair.
No. PHS 564 (Baldwin)	4/11	6/8	9/-	11/5	15/8	20/5	25/3	33/8	52/11 doz prs.
	6 d.	8 d.	10 d.	1/1	1/5	1/9 1/2	2/2	2/11	4/6 pair.

WROUGHT WELDED BUTTS.

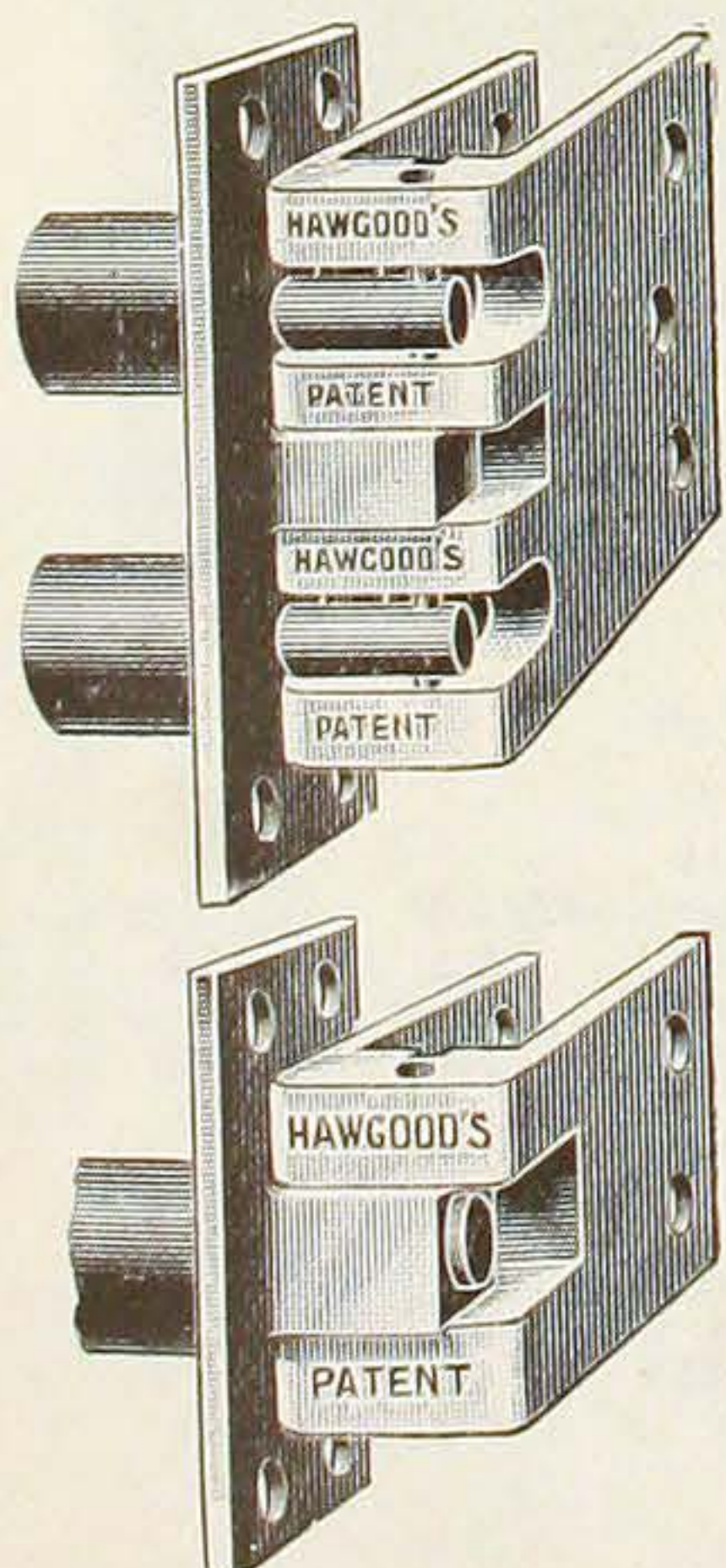


No. PHS 6112 SINGLE JOINT.



No. PHS 6113 DOUBLE JOINT.

Size	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"
No. PHS 6112	7/4	8/5	9/6	11/-	12/1	13/8	15/9	18/11	25/2
	8 1/2 d.	9 1/2 d.	10 1/2 d.	1/-	1/1	1/3	1/5	1/8	2/2
No. PHS 6113	15/9	17/10	20/-	23/3	30/6	37/10	50/4	63/-	88/3
	1/5	1/7	1/9	2/-	2/7 1/2	3/3	4/3 1/2	5/4	7/6



HAWGOOD'S PATENT REVERSIBLE GUN-METAL SPRING HINGES.

No. PHS 512

Possess an advantage over under-the-floor types for they eliminate high cost of labour entailed fixing or repairing.

REQUIREMENTS.

For doors up to 50 lbs. 2 Single Hinges (1 pair).

For doors from 50 lbs. to 100 lb. one twin hinge at top and one single hinge at bottom (one set).

For doors from 100 lb. to 200 lb. two twin hinges (one pair).

SPECIFICATION.

The Twin Hinge. Two Springs which are inserted in casement or post. Wings measure 3 1/4" wide x 4" deep.

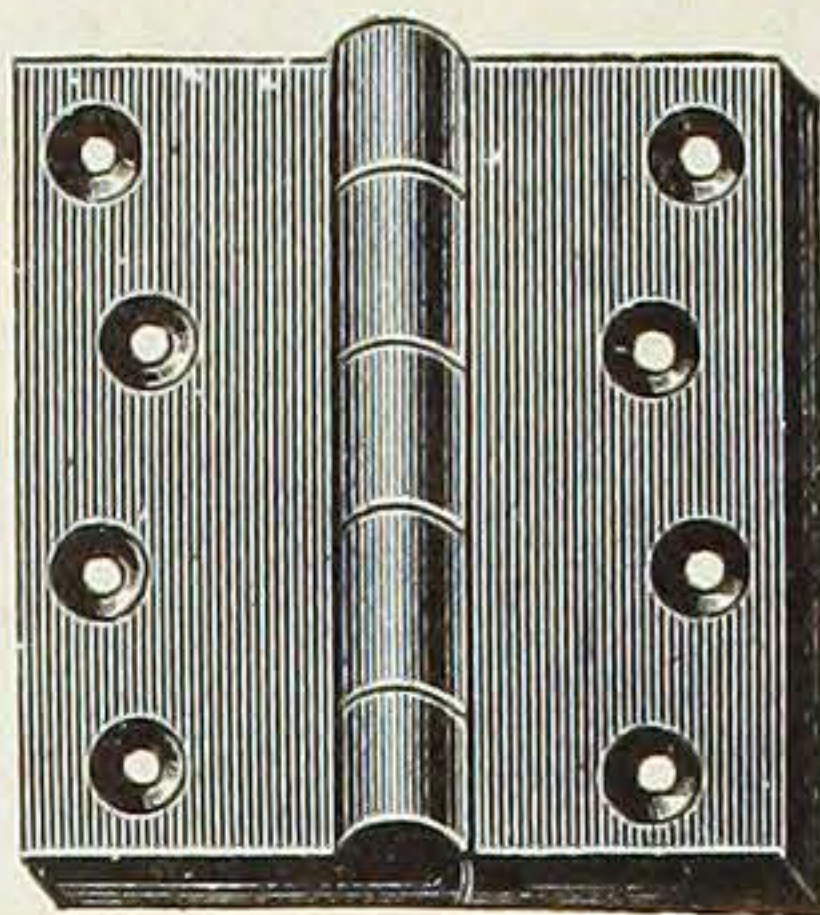
(These clip the door and are not inserted). Weight about 5 1/4 lb.

The Single Hinge. Wings measure 1 3/8" wide x 3 1/4" deep. Weight about 2 1/2 lb.

When ordering, please give the exact thickness of door when finished, also approximate weight and size.

Price, Single, 33/- per pair. Twin, 66/- per pair. Set (one single and one twin), 49/6 per set.

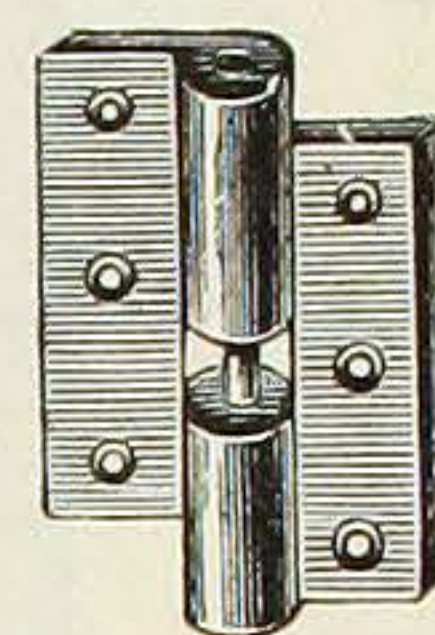
BROAD BUTTS.



No. PHS 572 BROAD BUTTS.

Size.	Dozen pairs.	Per pair.
2 1/2" x 2 1/2"	5/7	6 1/2 d.
2 1/2" x 2 1/2"	6/3 1/2	7 d.
2 1/2" x 3"	7/-	8 d.
2 1/2" x 2 1/2"	6/8	8 d.
3" x 3"	8/6 1/2	9 1/2 d.
3" x 3 1/2"	10/4 1/2	11 1/2 d.
3 1/2" x 3"	10/-	11 d.
3 1/2" x 3 1/2"	11/6	1/-
3 1/2" x 3 1/2"	13/8	1/3
4" x 3 1/2"	13/8	1/3
4" x 4"	14/10	1/4
4 1/2" x 4 1/2"	19/7 1/2	1/8 1/2
5" x 5"	25/11	2/3
6" x 5"	31/10	2/9

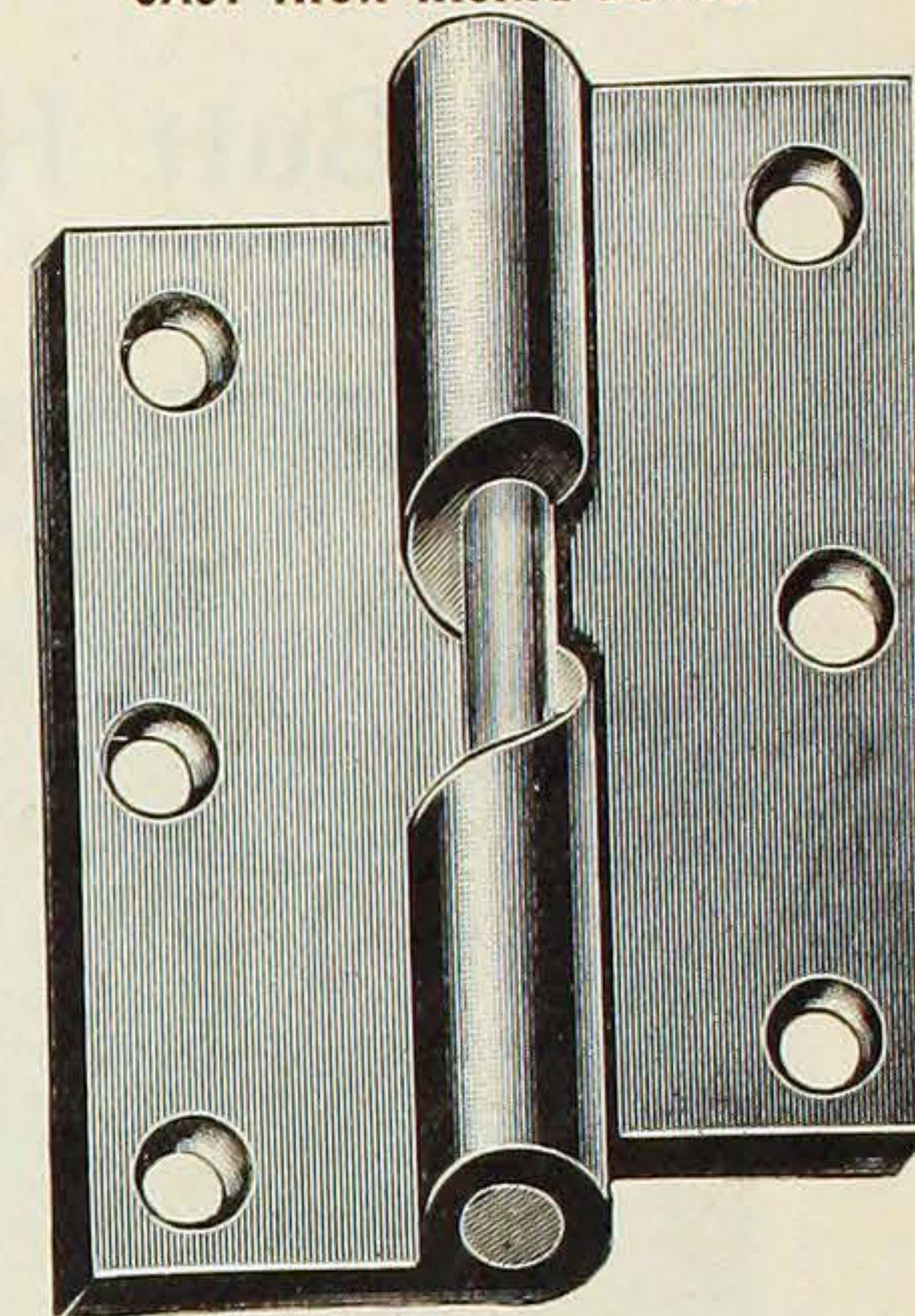
LOOSE PIN BUTTS.



No. PHS 566 LOOSE PIN BUTTS.

Size.	Dozen pairs.	Per pair.
1 1/2"	3/4	4 1/2 d.
2"	4/5	5 1/2 d.
2 1/2"	5/2	6 d.
3"	5/11	7 d.
3 1/2"	7/9 1/2	9 d.
4"	10/4 1/2	11 1/2 d.
4 1/2"	13/4	1 1/2
5"	17/9 1/2	1/7
	23/8	2/1

CAST IRON RISING BUTTS.

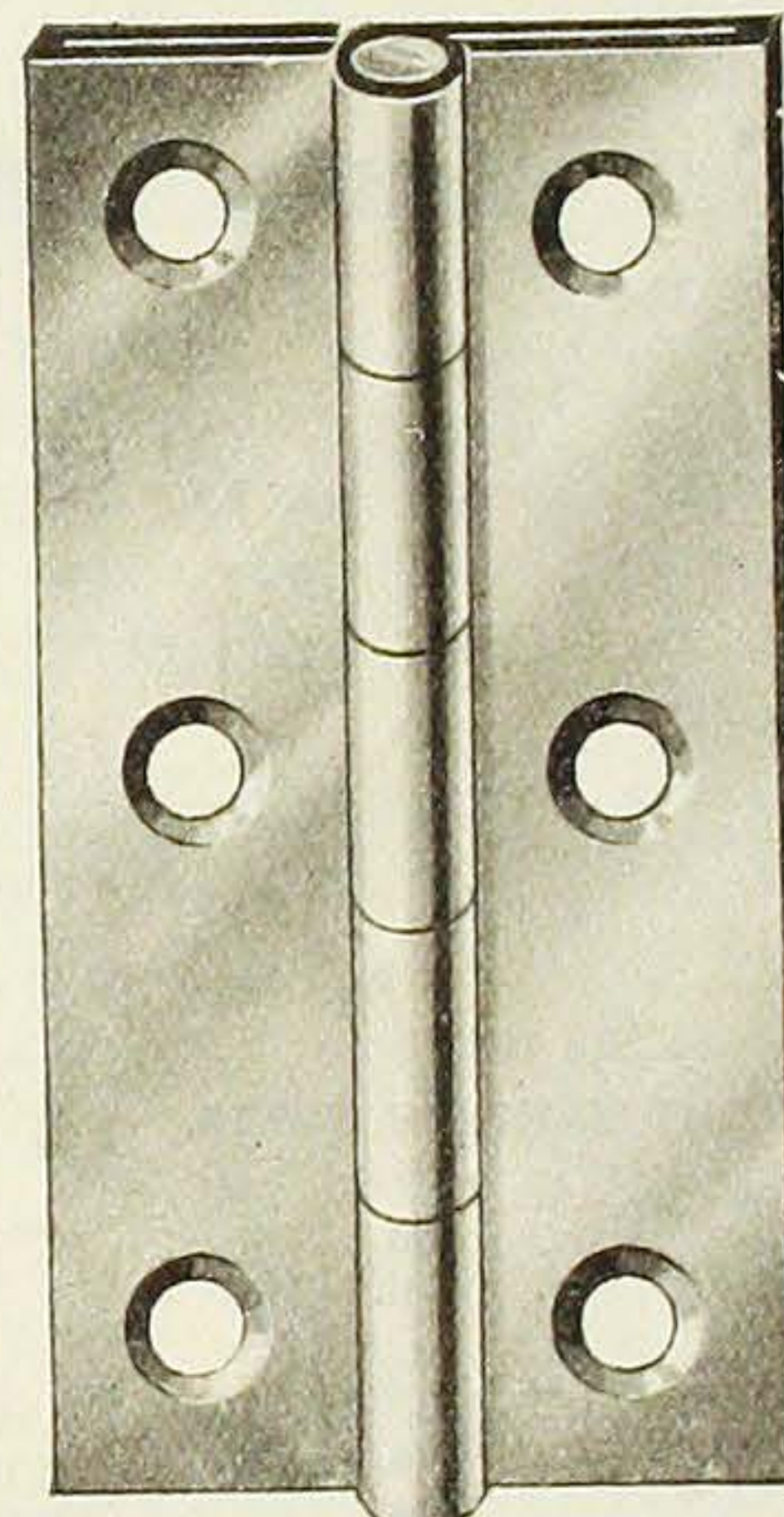


No. PHS 350

SKEW BUTTS. LIGHT.

Illustration is Left Hand.

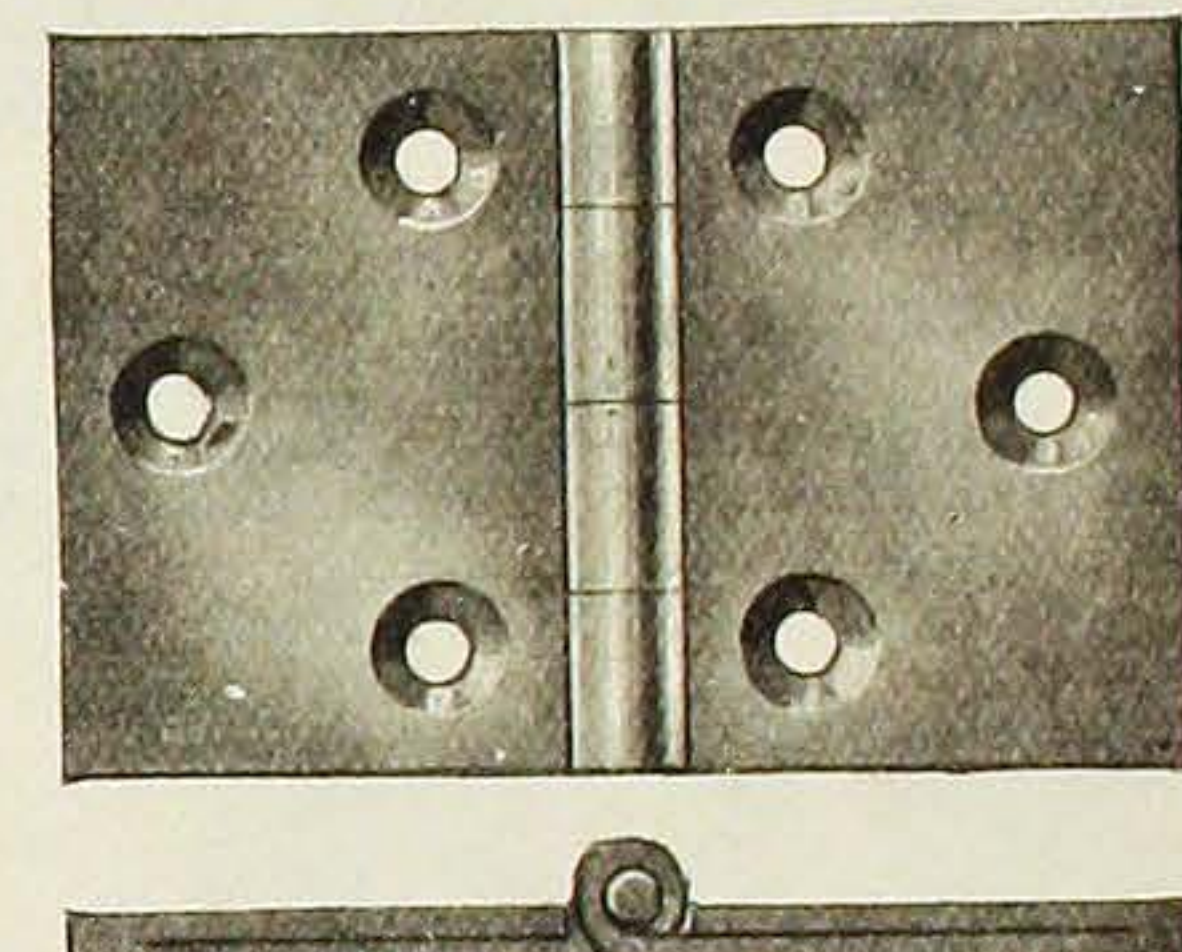
Size	2"	2 1/2"	3"	3 1/2"	4"	5"
Dz. prs	13/10 1/2	14/10 1/2	15/9	17/2	18/6	1/7 1/2
Pair	1/3	1/4	1/5	1/6	1/7 1/2	5/9
Size	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"
Dz. prs	20/10 1/2	23/2	28/8	35/9	40/9	40/9
Pair	1/10	2/-	2/6	3/1	3/6	3/6



BRASS LOCK JOINT BUTTS.

Nos. PHS 513 and PHS 514.

Sizes	1" x 1 1/2"	1 1/2" x 2"	2" x 2 1/2"	2 1/2" x 3"	3" x 3 1/2"	3 1/2" x 4"	4" x 4 1/2"	4 1/2" x 5"	5" x 5 1/2"
No. PHS 513	1/3	1/6	2/3	2/3	2/9	4/-	5/6	5/6	5/6
	1 1/2 d.	2 d.	2 d.	2 1/2 d.	3 d.	4 1/2 d.	6 d.	6 d.	6 d.
Sizes	1" x 1 1/2"	1 1/2" x 2"	2" x 2 1/2"	2 1/2" x 3"	3" x 3 1/2"	3 1/2" x 4"	4" x 4 1/2"	4 1/2" x 5"	5" x 5 1/2"
No. PHS 514	1/3	1/6	2/3	2/3	2/9	4/-	5/6	5/6	5/6
	1 1/2 d.	2 d.	2 d.	2 1/2 d.	3 d.	4 1/2 d.	6 d.	6 d.	6 d.
Sizes	1" x 1 1/2"	1 1/2" x 2"	2" x 2 1/2"	2 1/2" x 3"	3" x 3 1/2"	3 1/2" x 4"	4" x 4 1/2"	4 1/2" x 5"	5" x 5 1/2"
No. PHS 514	3/3	4/9	6/5	12/9	15/5	15/5	15/5	15/5	15/5
	3 1/2 d.	6 d.	7 1/2 d.	1/2	1/4 1/2	per pair.			



LOCK JOINT BACK FLAP HINGES.

No. PHS 515.

With Steel Pins.

Size	1"	1 1/2"	2"
2/4 1/2	3/7 1/2	4/9	5/3
3 d.	4 1/2 d.	5 1/2 d.	6 d.

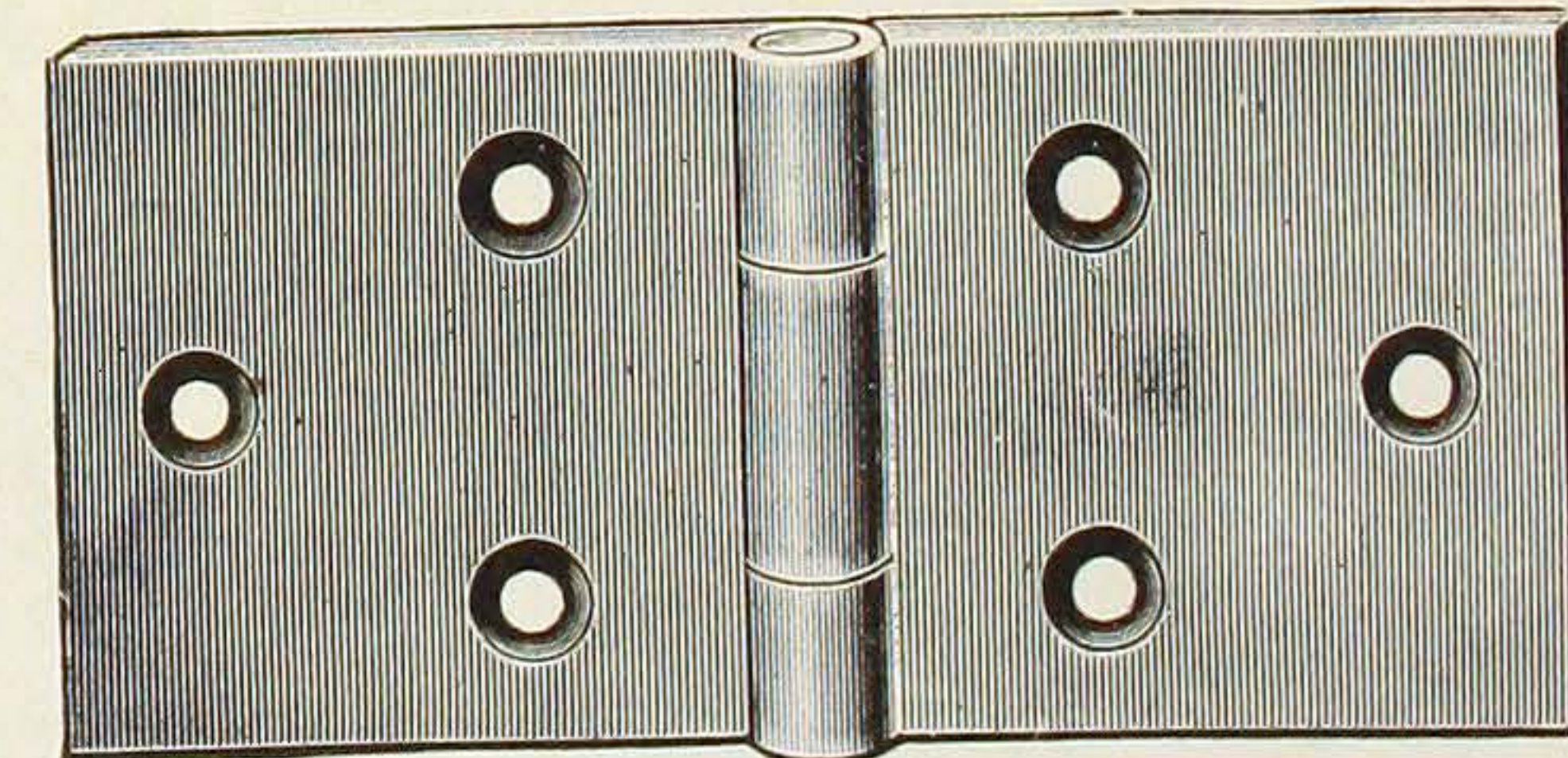
With Brass Pins.

Size	2 1/2"	3 1/2"	4 1/2"
2/7 1/2	3/10 1/2	5/3	6 d.
3 1/2 d.	4 1/2 d.	6 d.	per pair.

Extra for C.B. & R. Finish.

Size	1"	1 1/2"	2"
1/-	1/1 1/2	1/3	1/3
1 1/2 d.	1 1/2 d.	1 1/2 d.	per pair.

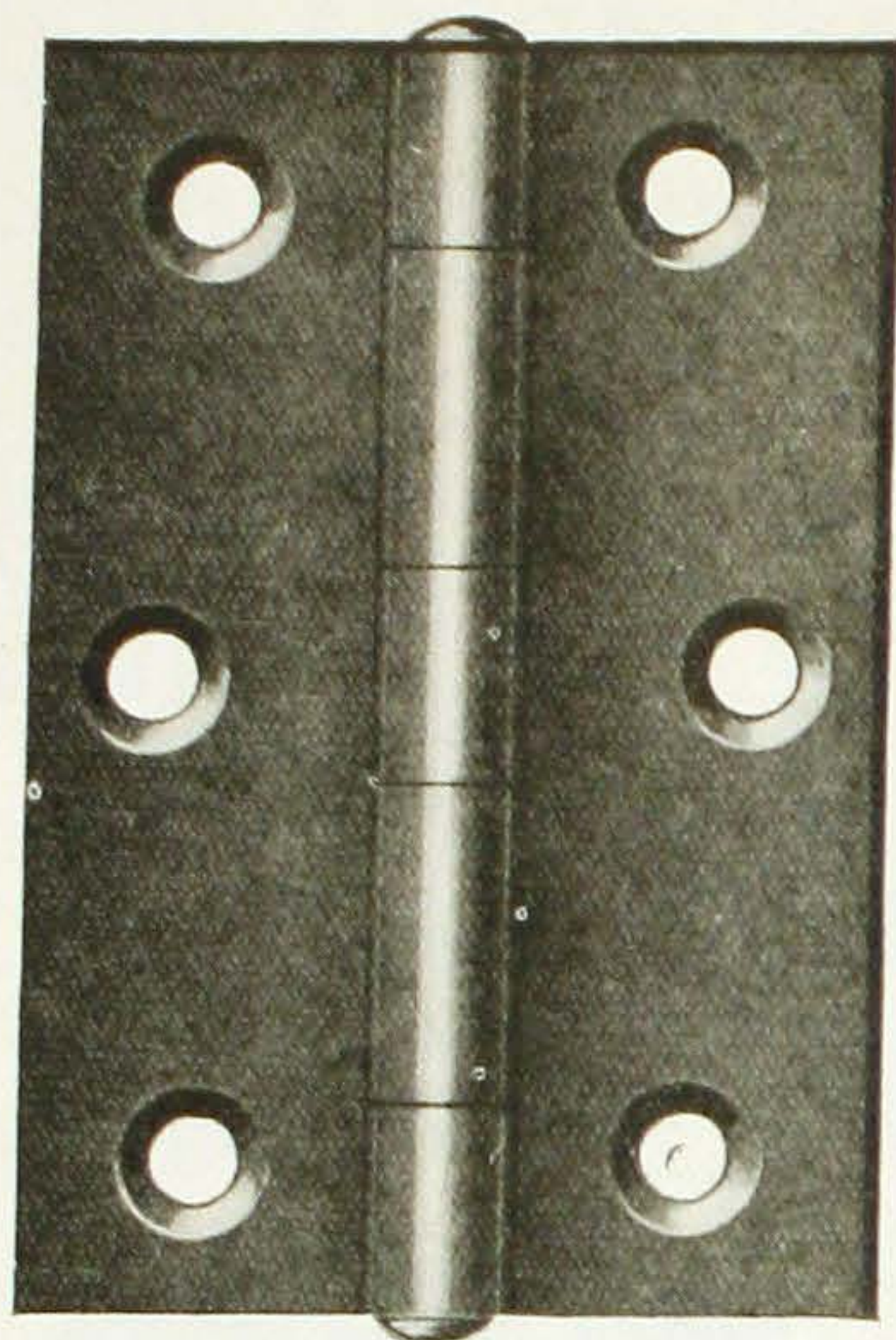
WROUGHT WELDED AND STEEL BACKFLAPS.



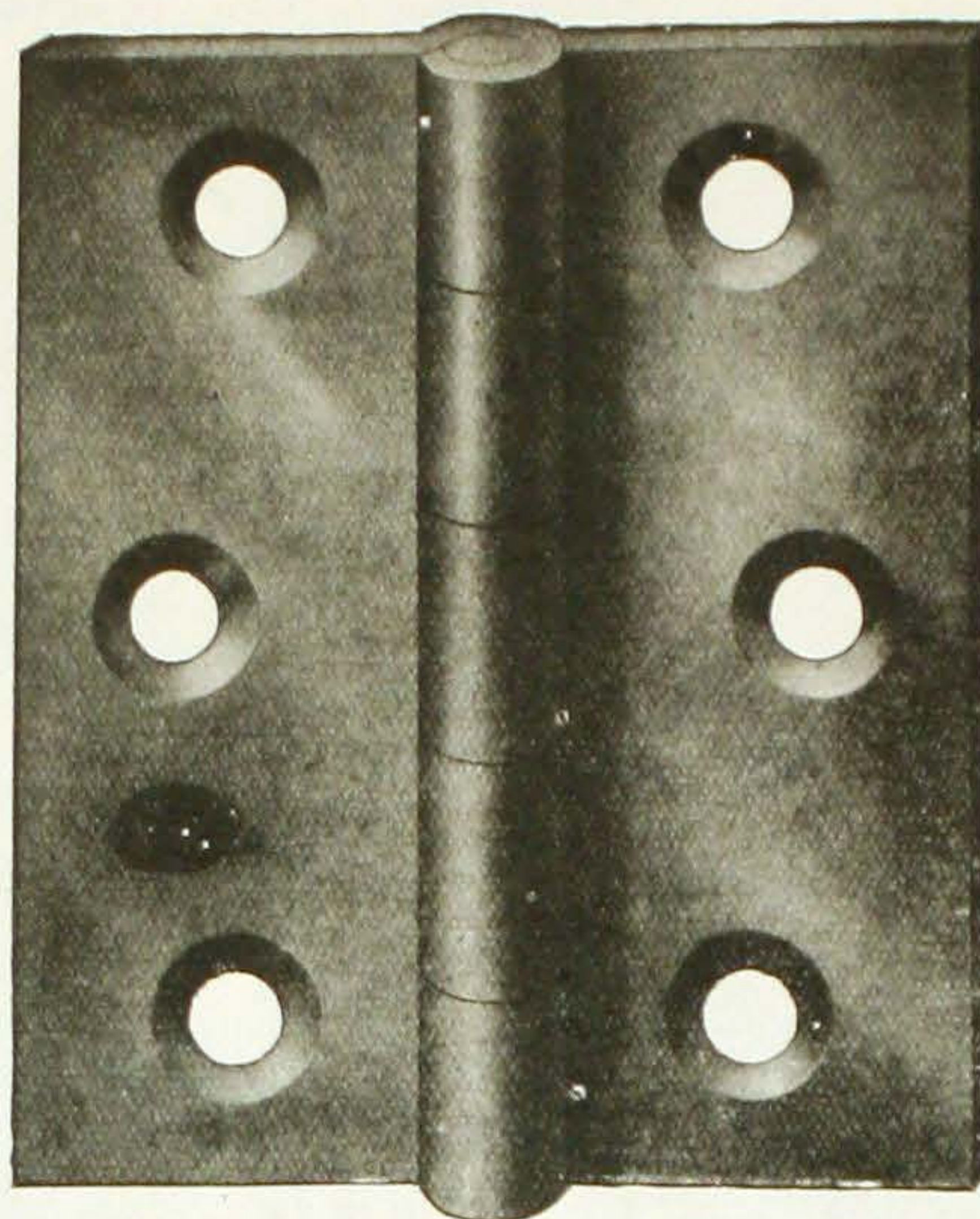
Size	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"
No. PHS 6118	7/5	7/5	7/11	8/5	9/5	10/6	11/-	12/1	13/8	14/8	16/10	16/10	16/10	16/10	16/10	16/10	16/10	16/10
	8 1/2 d.	8 1/2 d.	9 d.	9 1/2 d.	10 1/2 d.	11 1/2 d.	1/-	1/1	1/3	1/4	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
No. PHS 6119	7/5	7/5	7/11	8/5	9/5	10/6	11/-	12/1	13/8	14/8	16/10	16/10	16/10	16/10	16/10	16/10	16/10	16/10
	8 1/2 d.	8 1/2 d.	9 d.	9 1/2 d.	10 1/2 d.	11 1/2 d.	1/-	1/1	1/3	1/4	1/6	1/6	1/6	1/6	1/6	1/6	1/6	1/6
No. PHS 6120	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.	11/1 d.
	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.	2 d.
Size	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"	8 1/2"	9"	9 1/2"	10"	10 1/2"	11"
No. PHS 6118	25/2	31/6	39/11	50/5	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8	75/8
	2/2	2/9	3/5	4/4	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5	6/5
No. PHS 6119	21/-	25/2	31/6	37/10	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-	63/-
	1/10	2/2	2/9	3/3	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4	5/4
No. PHS 6120	3/2	4/2	4/2	7/2	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.	8 d.
	4 d.	5 d.	5 d.	8 d.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.	per pair.

Steel Butt Hinges

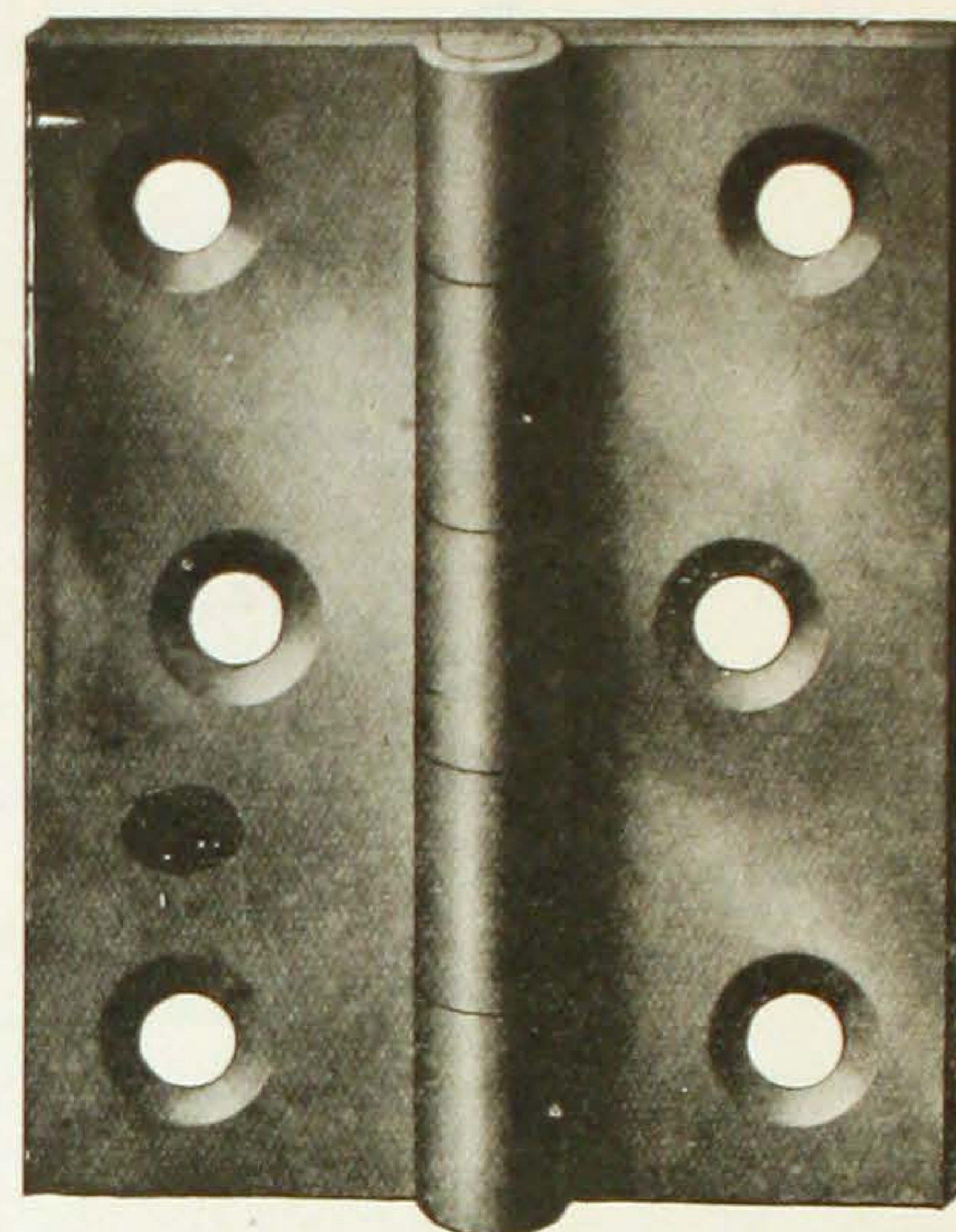
(Measured Open).



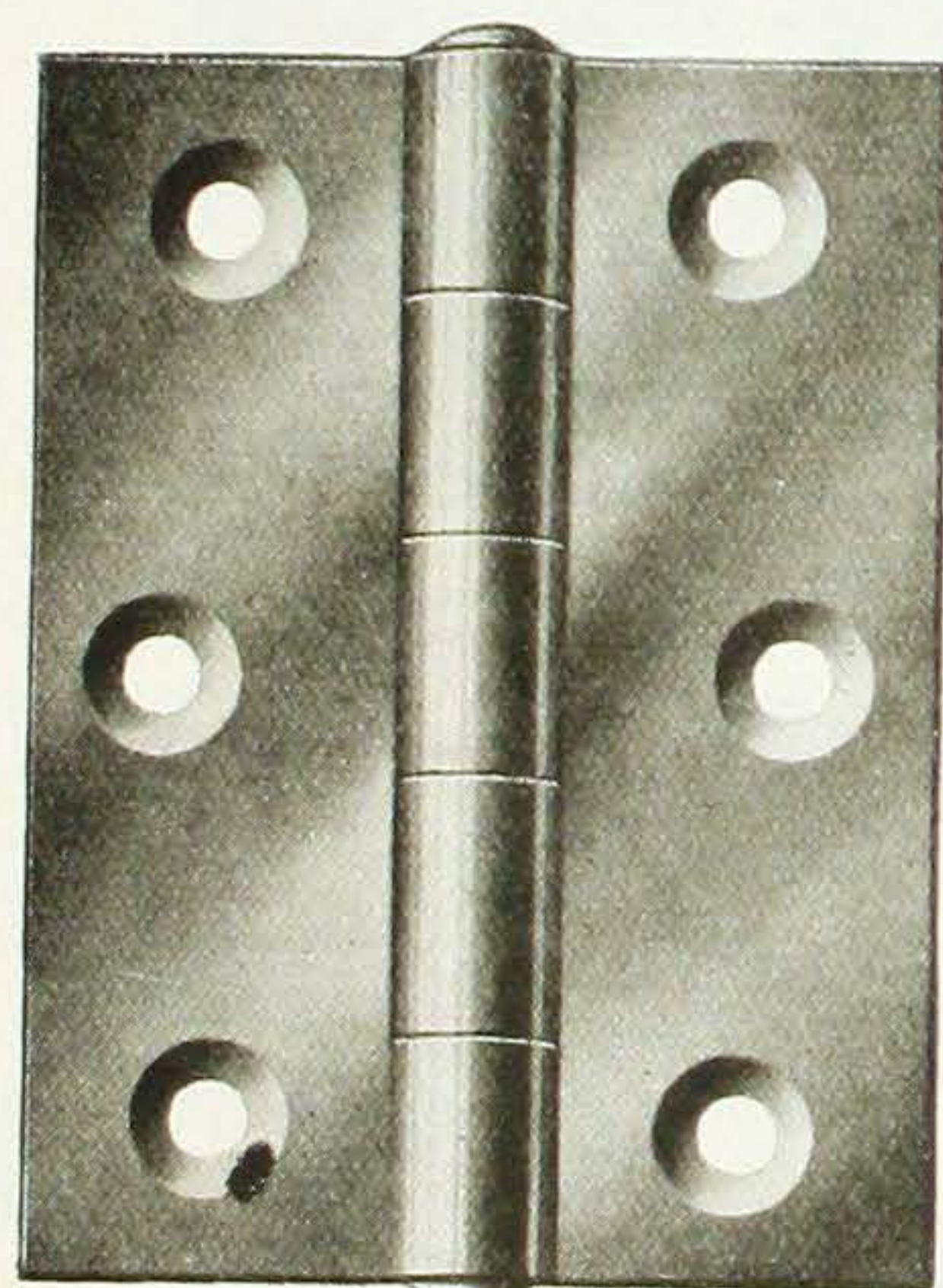
No. PHO 600
BRIGHT STEEL BUTT HINGES. Cranked. Light.
Sizes .. 1" 1½" 1¾" 2" 2½" 3" 3½" 4" 4½" 5" 6" 7"
Doz. pairs 8d. 8½d. 9d. 11d. 1/- 1/8 2/3 2/8 3/3 3/11 4/11 7/8
Per pair 1½d. 1¾d. 2d. 2½d. 3d. 3½d. 4d. 5d. 6d. 8½d.



No. PHS 250
BRIGHT STEEL HEAVY BUTTS.
Size 1½" 2" 2½" 3" 3½" 4" 4½" 5" 6"
Doz. pairs 1/11 1/11 2/3 3/5 4/2 5/3 7/6 9/9 13/6
Per pair 3d. 3d. 3d. 4½d. 5d. 6d. 8½d. 10½d. 1/2½



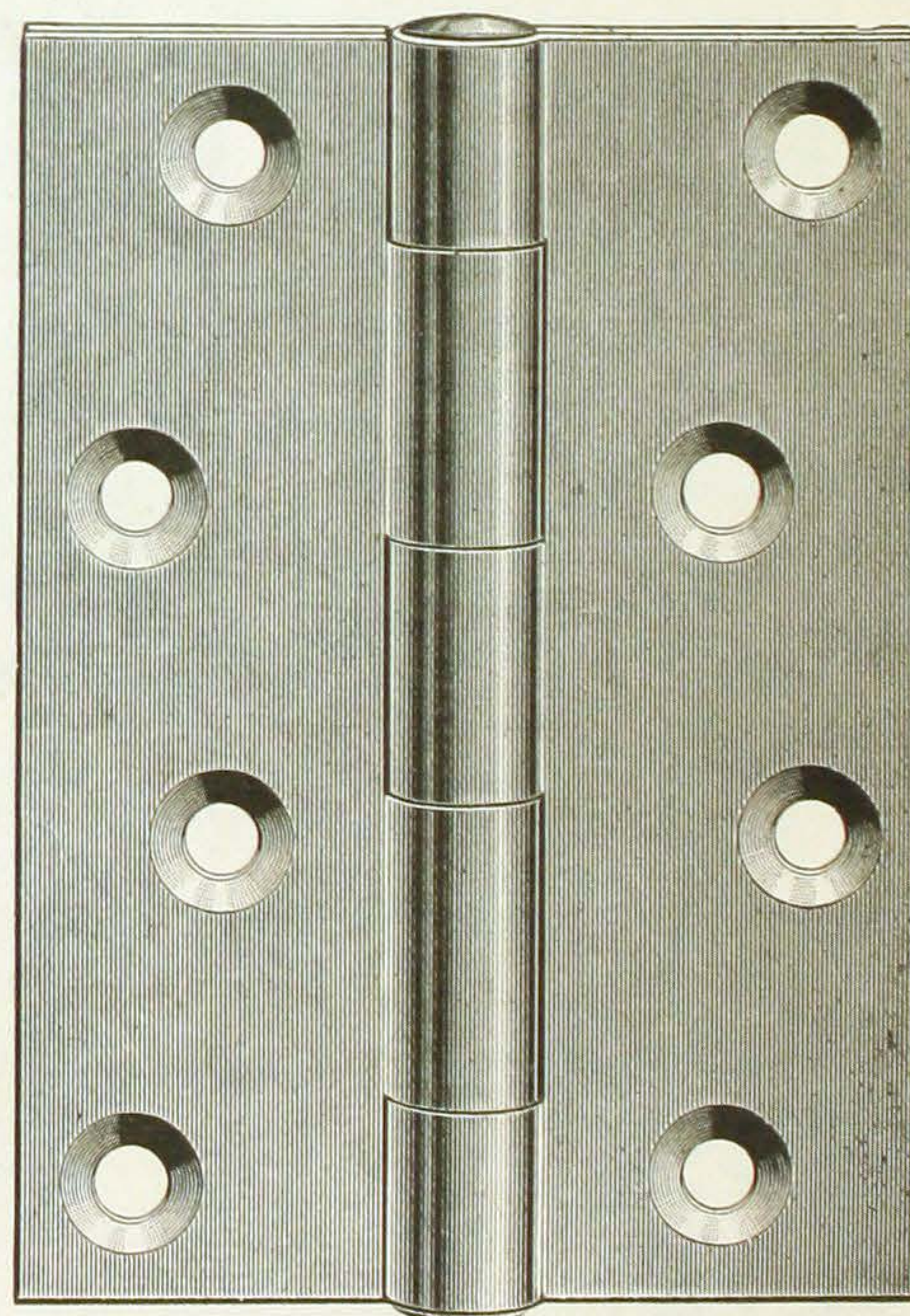
No. PHS 5140
BRIGHT STEEL BUTT HINGES. Extra Strong, Double Flaps
Sizes .. 2" 2½" 3" 3½" 4" 4½" 5" 6"
Doz. pairs 6/9 8/9 11/6 15/2 19/3½ 25/3 31/- 43/2
Per pair 8d. 10d. 1/- 1/4 1/8 2/2 2/8 3/8



No. BS 1838
STEEL LIGHT NARROW BUTTS.
Sizes 1" 1½" 2" 2½"
Doz. pairs 5d. 5d. 6d. 9d.
Per pair 1d. 1d. 1d. 1½d.
Size 3" 3½" 4½" 5"
Doz. pairs 11d. 1/8 3/- 3/10
Per pair 2d. 3d. 4d. 5d.

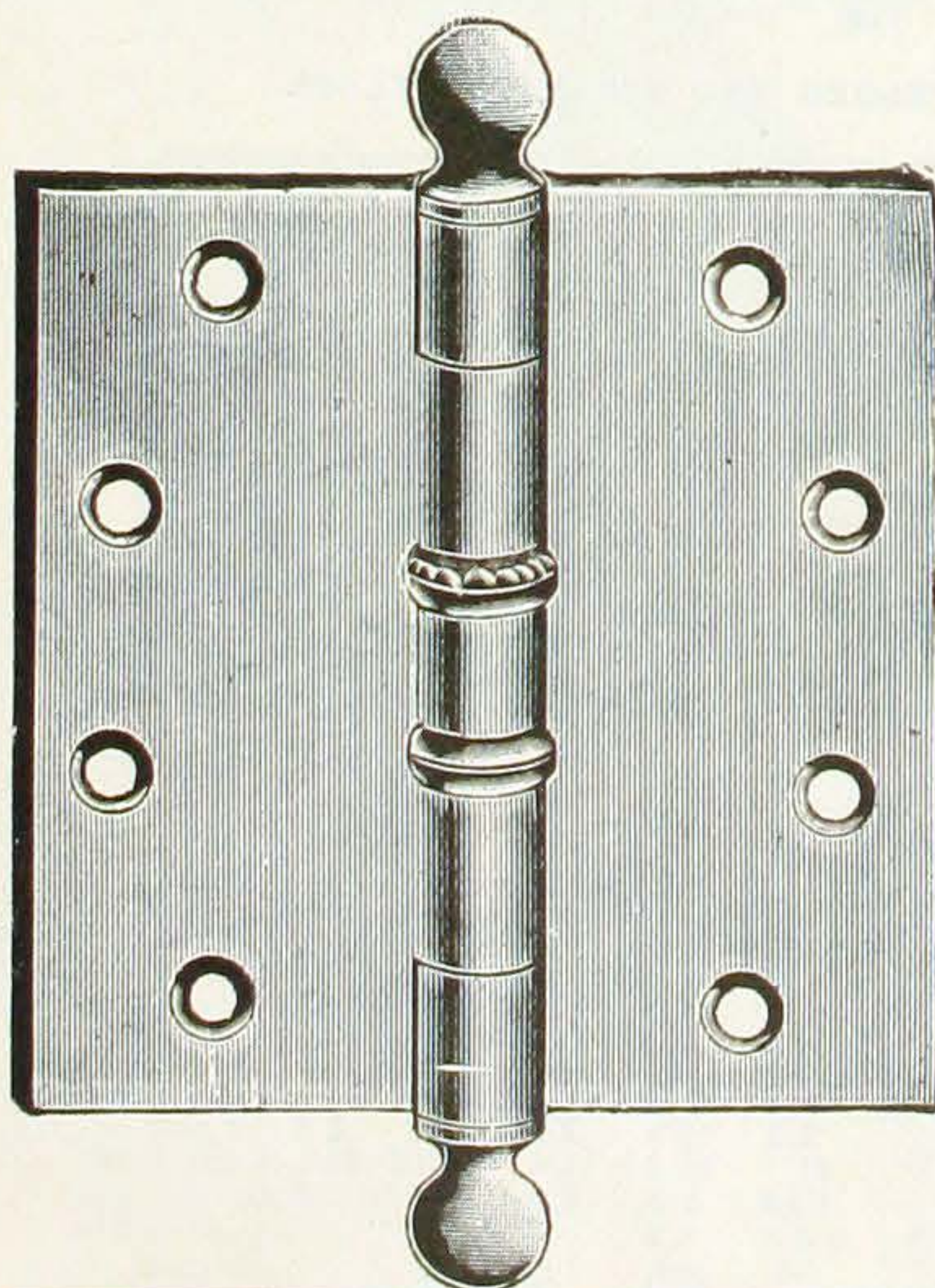
No. BS 73
STEEL LIGHT NARROW BUTT.
4" size.
2/2 dozen pairs, 3d. per pair.

***No. PHS 125**
EXTRA STRONG STEEL BUTTS.
Double Flaps.
Sizes .. 2½" 3" 3½" 4"
Doz. pairs 5/5 7/- 9/3 11/9
Per pair 6d. 7½d. 10d. 1/1
Screw holes in each Butt.
2½", 3" and 3½" = 6 holes.
4" .. 8 holes.
*Stocked in 4" only.



No. PHS 125

BRONZE PLATED WROUGHT STEEL BUTTS.



No. PHS 6114
With Ball Bearings as shown. Loose Pin.

No. PHS 6115
Without Ball Bearings.

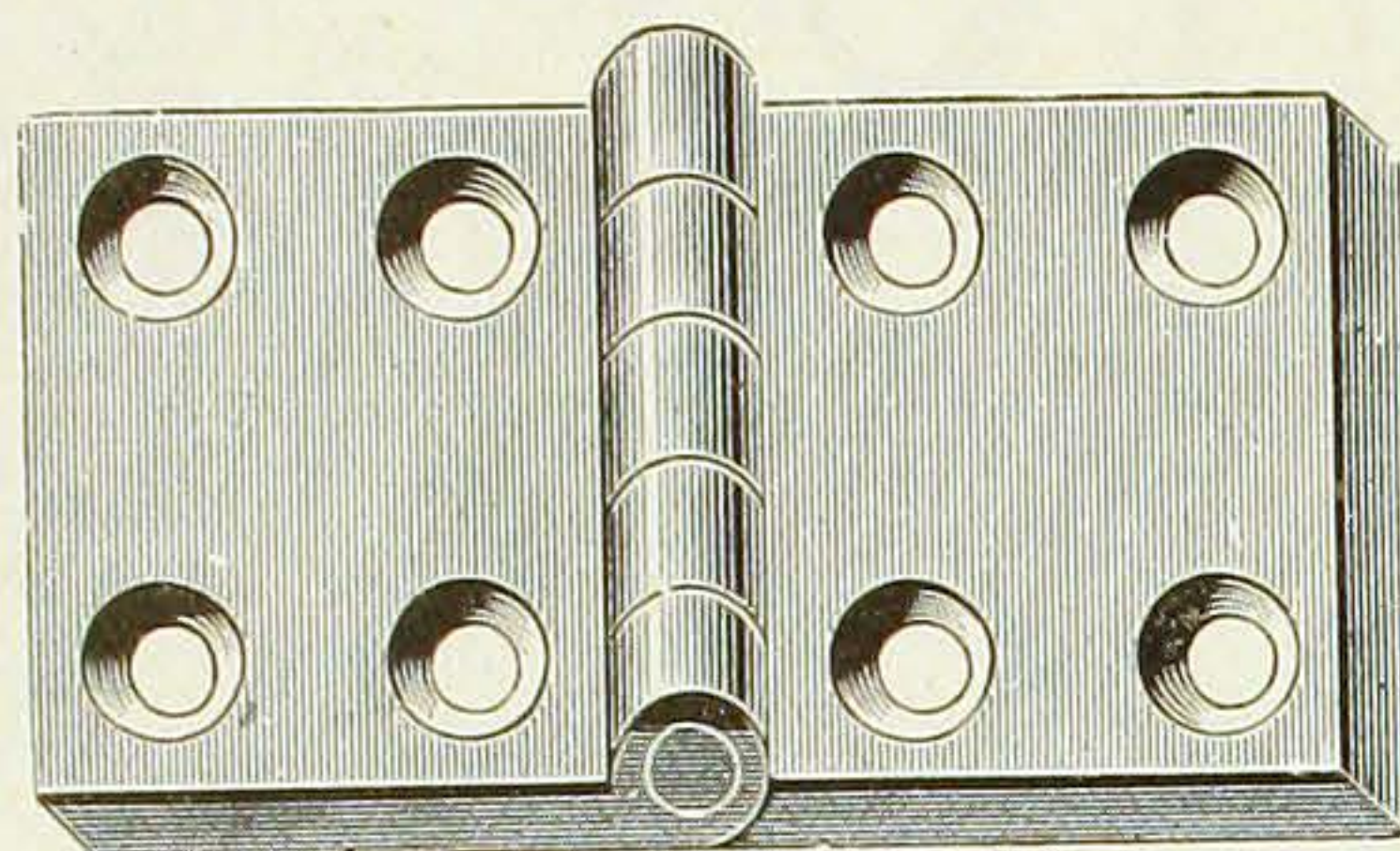
Nos. PHS 6114 and PHS 6115 are made of cold rolled steel, very heavily plated with copper, bronzed and polished. The heavy coating of copper effectually protects the steel from the atmosphere.

		Prices per pair with Screws.		No. PHS 6114			
Sizes	..	2" x 2"	2½" x 2"	2½" x 2½"	3" x 2½"	3" x 3"	3½" x 2½"
Per pair	..	3/10	4/3	4/5	4/10	5/3	5/8
Sizes	..	3½" x 3"	3½" x 3½"	4" x 3"	4" x 3½"	4" x 4"	4½" x 4½"
Per pair	..	5/10	6/6	7/-	7/-	7/1	7/10
Sizes	..	5" x 3½"	5" x 5"	6" x 5"	6" x 6"		
Per pair	..	10/1	10/6	14/10	14/10		
No. PHS 6115							
Sizes	..	2" x 2"	2½" x 2½"	3" x 2½"	3" x 3"	3½" x 3"	3½" x 3½"
Per pair	..	1/7	1/9	1/9	1/9	1/9	1/9
Sizes	..	4" x 3"	4" x 3½"	4" x 4"	4½" x 4½"	5" x 5"	6" x 6"
Per pair	..	2/4	2/4	2/6	3/7	6/2	11/-

Brass Hinges, Various

BRASS BACK FLAPS.

STRONG CAST.



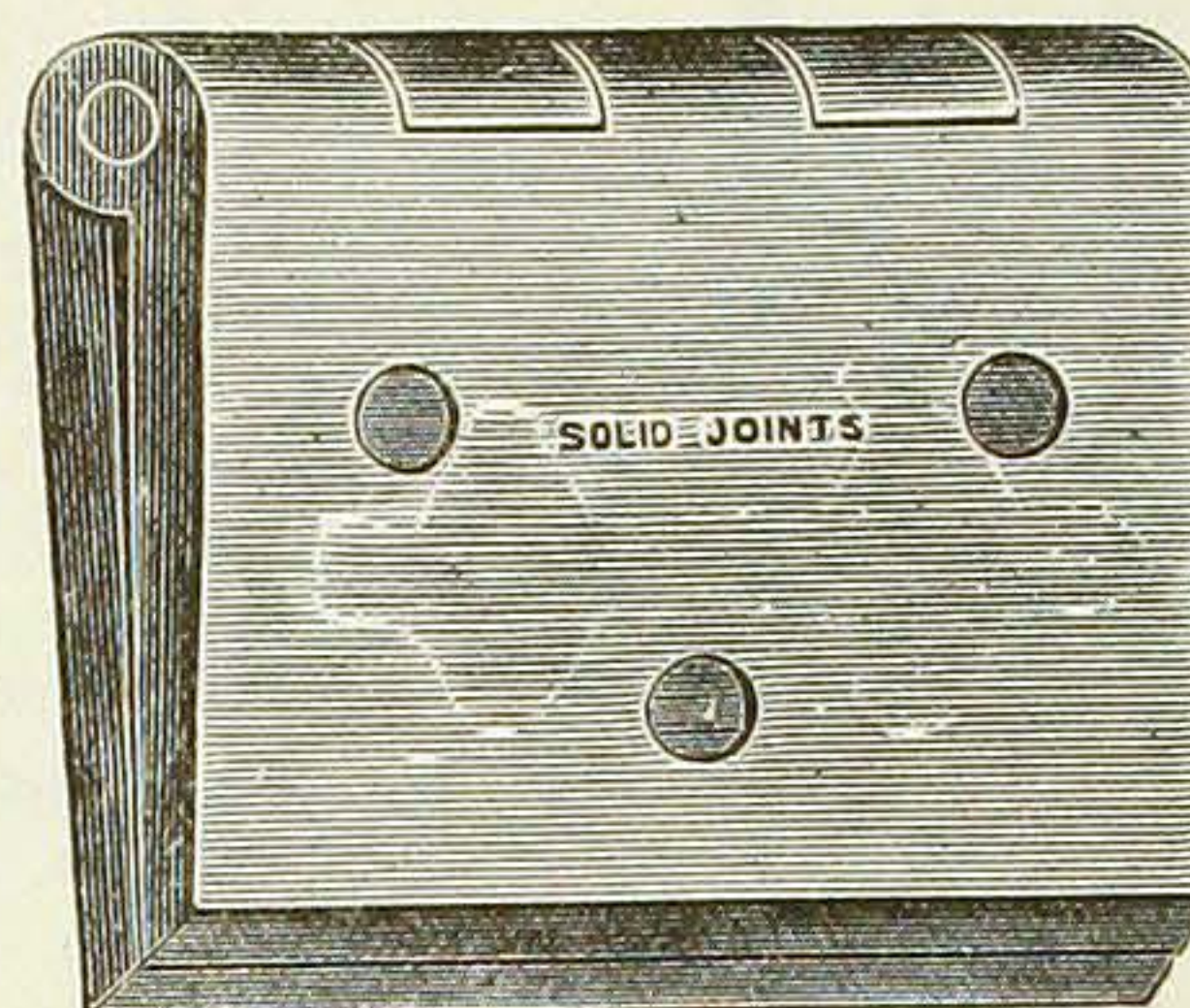
No. PHS*1863

1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	3"	3"
10/6	14/-	17/6	24/6	31/6	38/6	54/3	66/6	89/3
11d.	1/2 1/2	1/6	2/1	2/8	3/3	4/6 1/2	5/7	7/5 1/2

doz. pairs. per pair.

*Stocked in all sizes except 1" x 2 1/4", 3" x 5" and 3" x 6".

SOLID JOINT. MACHINE MADE.

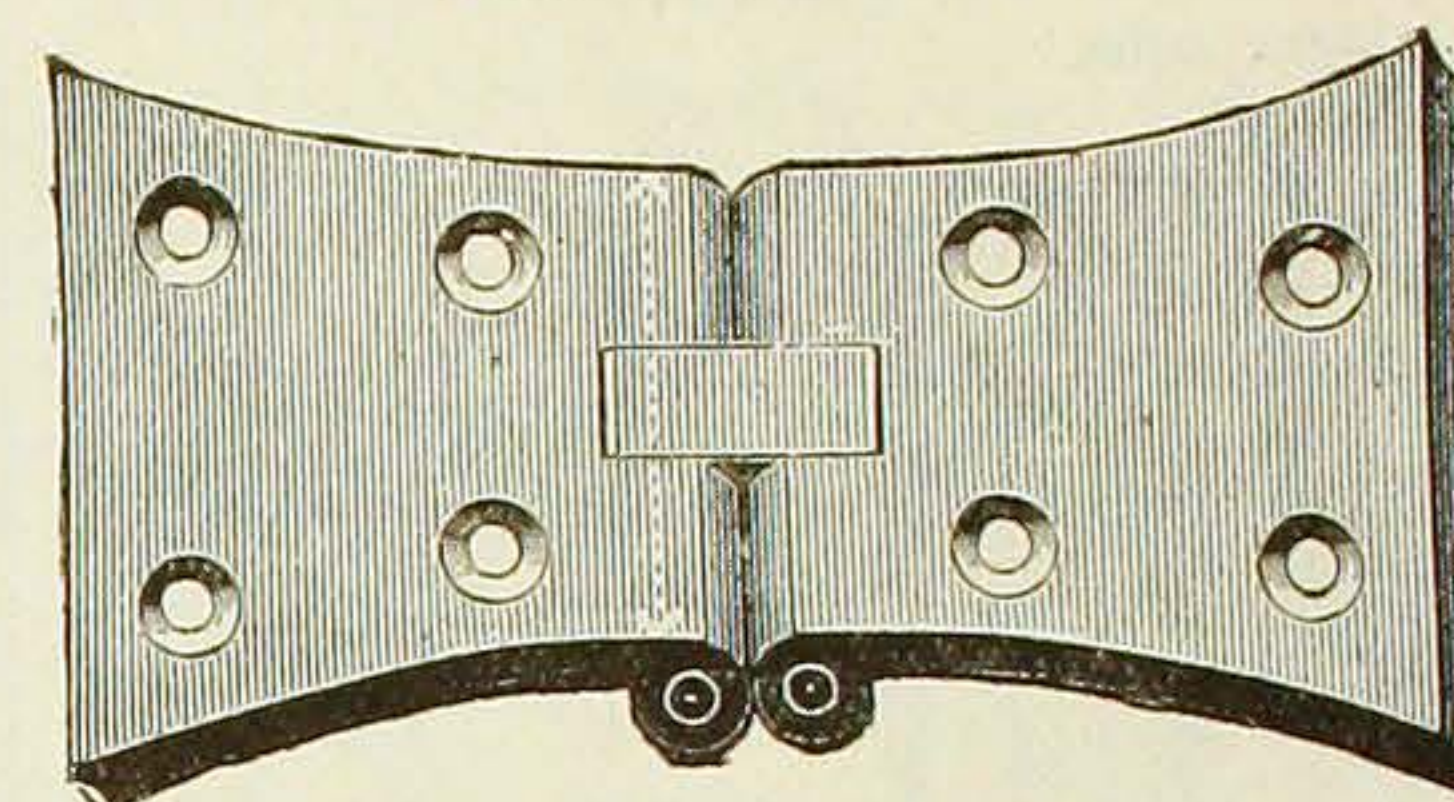


No. PHO 1861 SMOOTHED.

1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"
4/6	7/-	9/8	12/8	19/8	34/3
5d.	8d.	10d.	1/2	1/9	2/11

doz. pairs. per pair.

COUNTER HINGES.

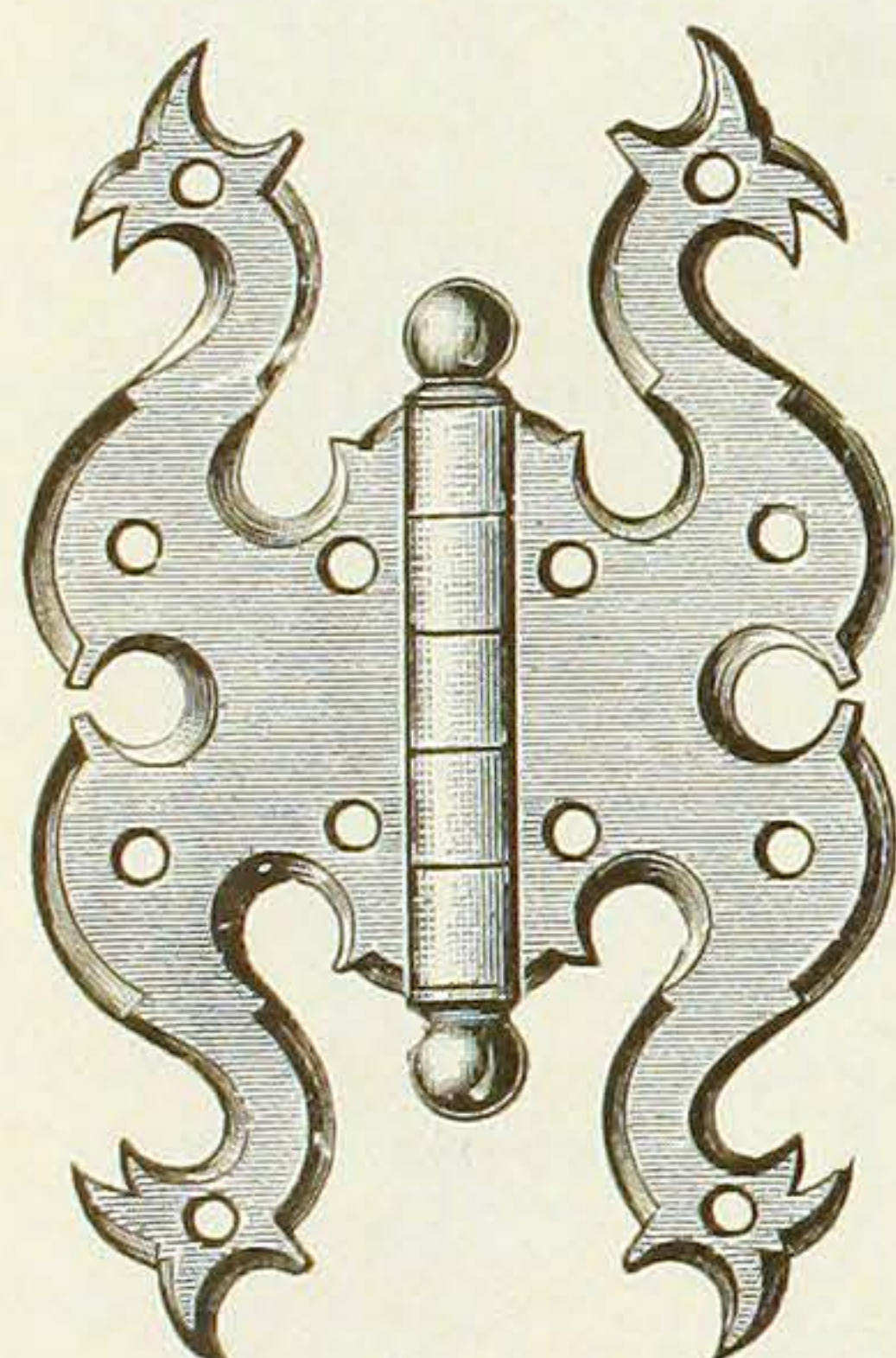


No. PHS*1860

Joint	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"
Lgth open	3"	3 1/2"	4"	4 1/2"	5"
	31/6	35/-	40/3	45/6	57/9
	2/8	2/11 1/2	3/4 1/2	3/10	4/10

dozen pairs. per pair.

*Stocked only in 3" and 5"



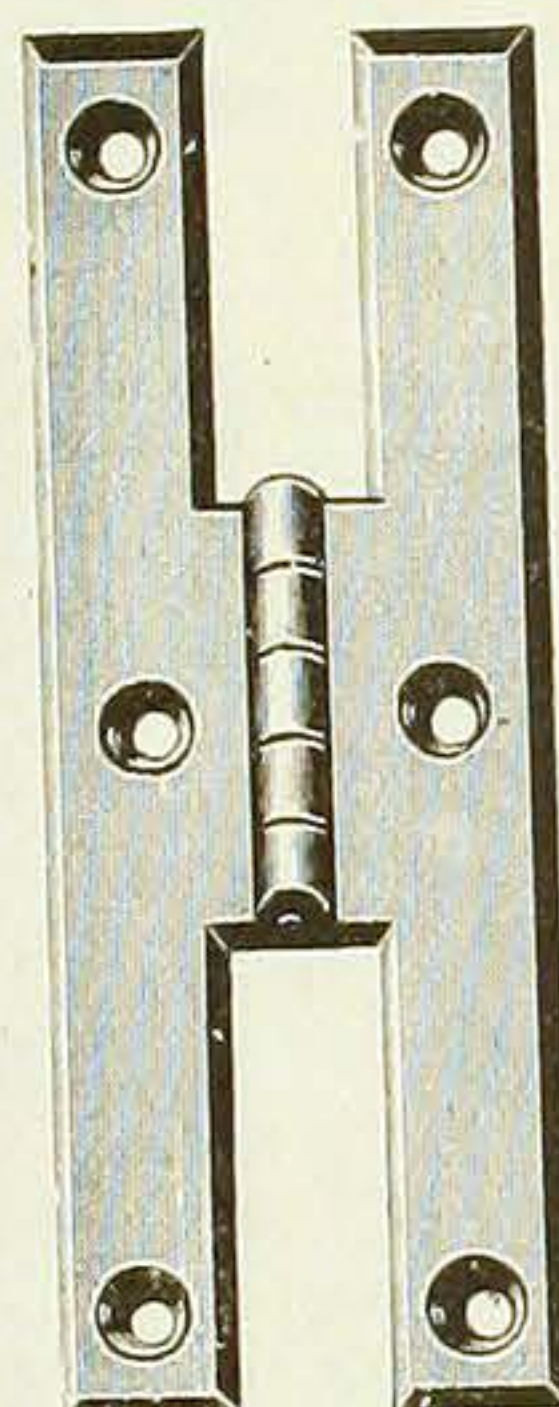
ORNAMENTAL HINGES.

No. PHS*1876

Size	Brass.	B.M.A.
3" x 2"	4/6	5/8
3 1/2" x 2 1/4"	5/6	6/9
4 1/2" x 2 1/2"	7/2	9/-
6" x 3 1/2"	11/3	14/-

Priced per pair.

*Stocked only in 3" and 3 1/2"



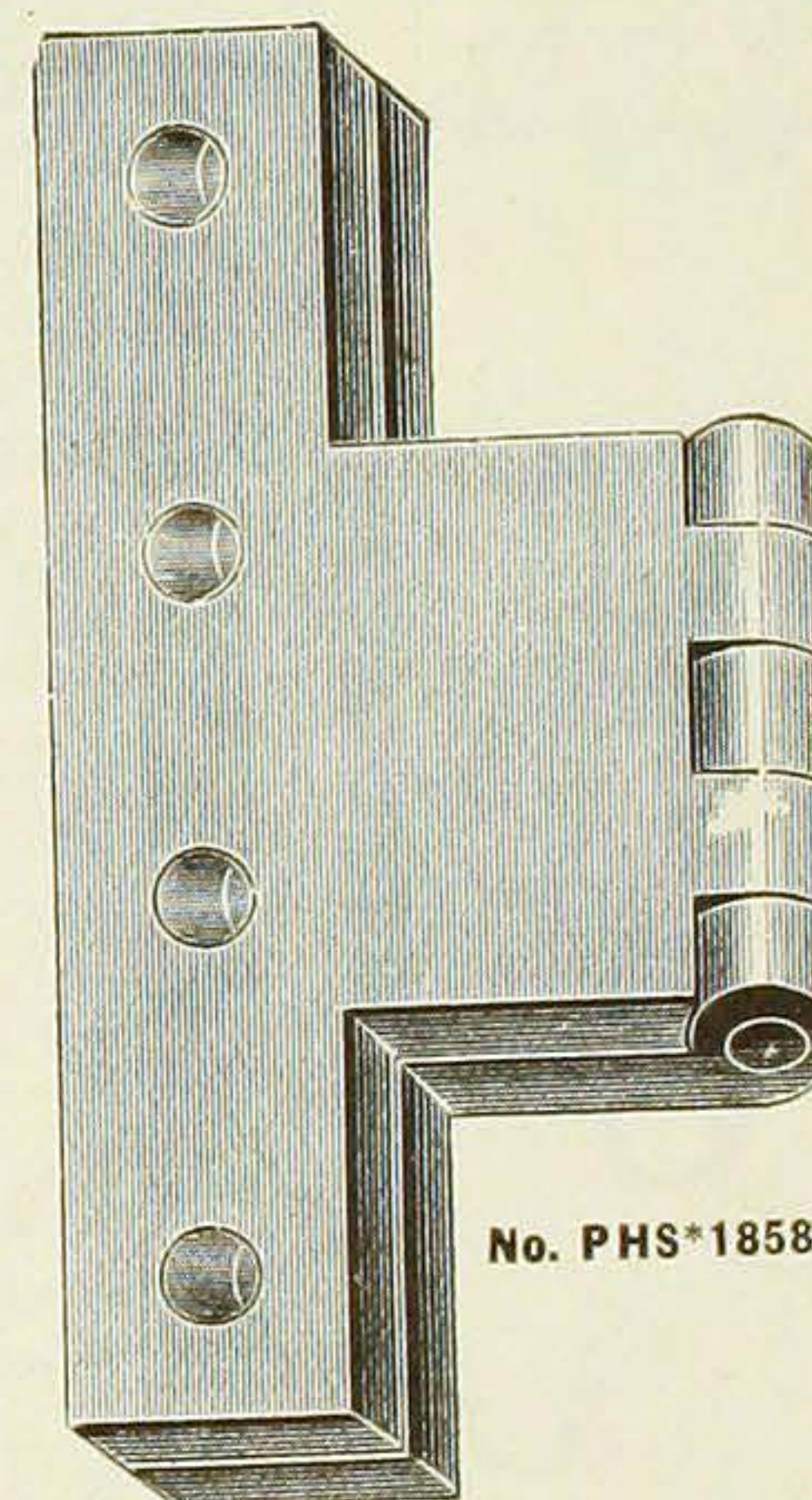
H HINGES.

Very Strong.

No. PHS*1859

	2"	2 1/4"	2 1/2"	2 3/4"	3"
Dz. prs.	11/4	12/6	13/9	15/4	17/6
Pair	1/-	1/1	1/2 1/2	1/3 1/2	1/6
	3 1/2"	4"	4 1/2"	5"	6"
Dz. prs.	21/6	26/3	30/8	36/9	52/6
Pair	1/10	2/2 1/2	2/7	3/1	4/4 1/2

*Stocked only in 2 1/2" and 3"



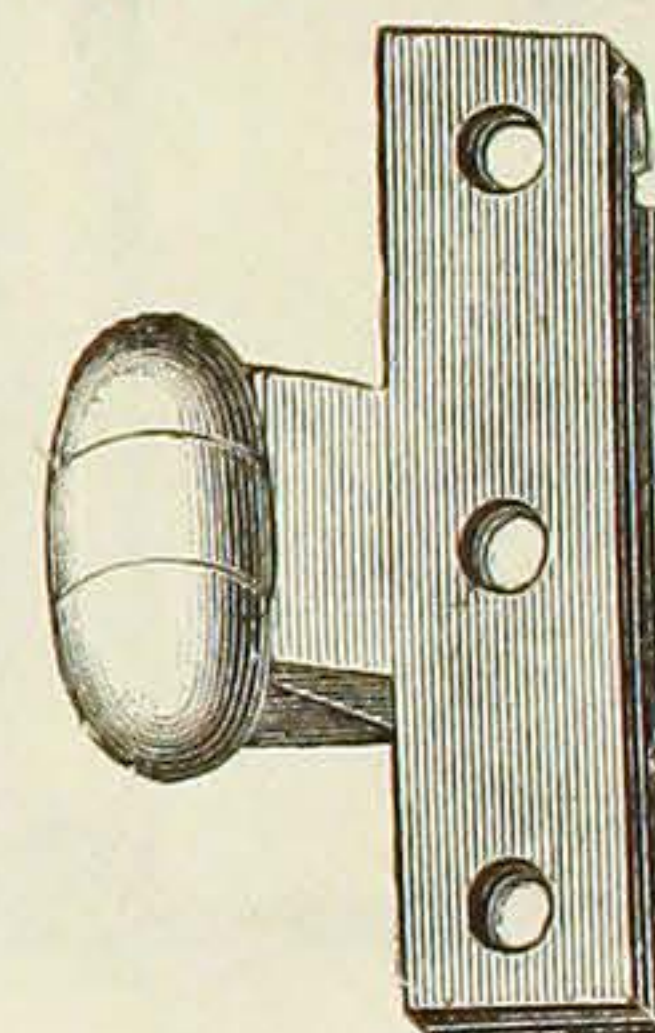
PARLIAMENT HINGES.

No. PHS*1858

*Stocked only in 3" and 4"

3" x 4"	3 1/2" x 3 1/2"
5/3	6/2
4" x 4"	5" x 5"
7/-	9/8
6" x 6"	
14/-	per pair.

PEW DOOR HINGES.

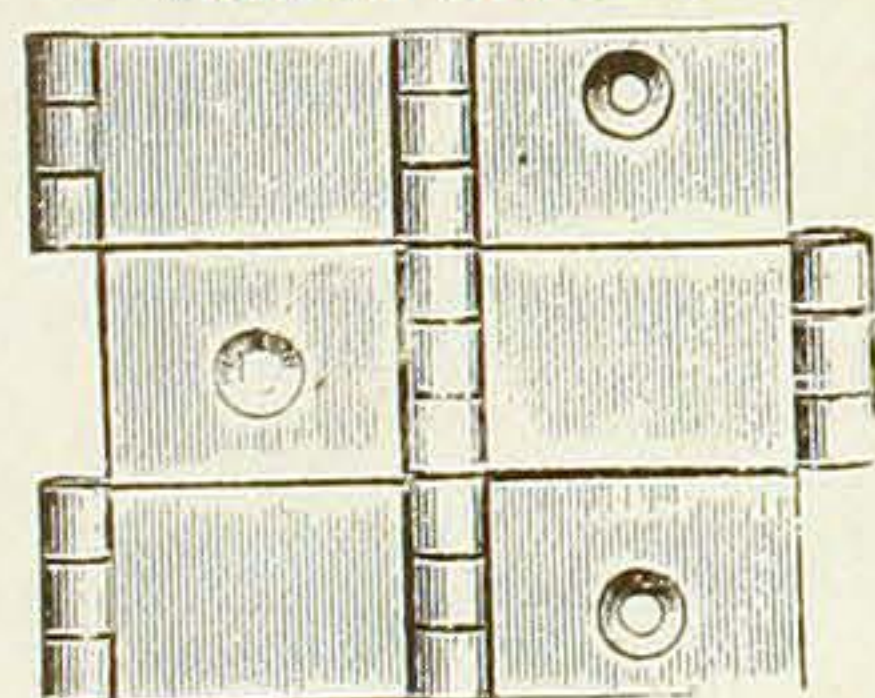


No. PHS*1869

*Stocked only in 2 1/2" x 2 1/2"

Open.	Dozen pairs.	Per pair.
2 1/2" x 2 1/2"	53/3	4/6
2 3/4" x 2 3/4"	56/9	4/9
3" x 3"	59/2	5/-
Stronger Pattern.		
2 1/2" x 3 1/4"	65/1	5/6
2 1/2" x 3 3/8"	67/5	5/8

SCREEN HINGES.



No. PHO 1867

Cast Brass. Hollow Joint.

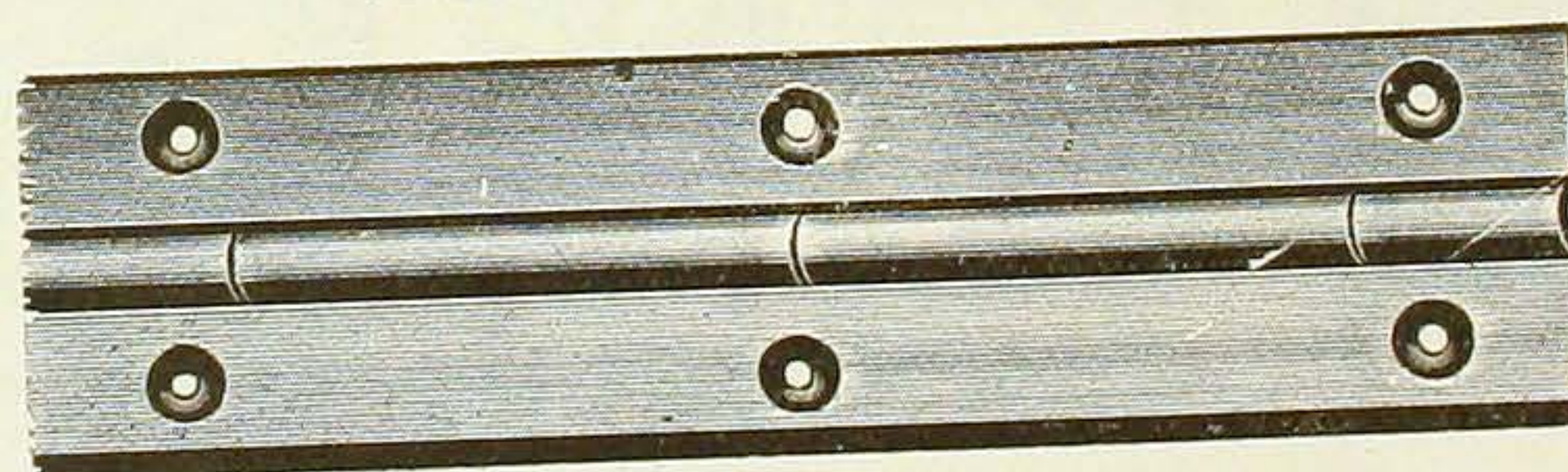
Per Single dozen. each.

3/4" x 2"	48/6	4/1
7/8" x 2"	53/8	4/6
1" x 2"	57/4	4/10
1 1/8" x 2 1/8"	66/3	5/7
1 1/4" x 2 1/4"	75/3	6/4
1 1/2" x 2 1/2"	89/3	7/6
1 3/4" x 2 3/4"	99/9	8/4
1 7/8" x 2 7/8"	110/10	9/3
1 3/4" x 3"	128/8	10/9

Priced per single dozen and each.

*Stocked only in first three sizes mentioned.

PIANO HINGE, PRESSED.



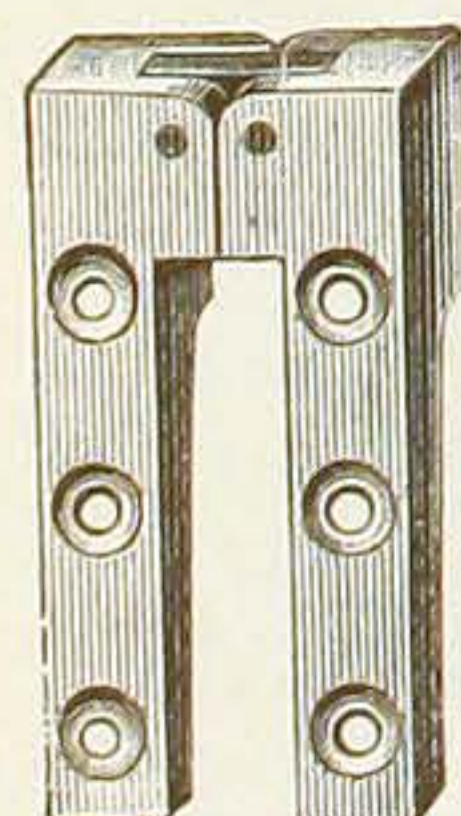
No. PHO 3295 Pressed

3 1/2"	4"	4 1/2"	5"	6"	7"	8"	9"
6/6	7/-	7/6	8/-	9/3	9/9	11/-	12/3
7d.	7 1/2 d.	8d.	8 1/2 d.	9 1/2 d.	10d.	1/-	1/0 1/2
							each.
10"	11"	12"	13"	14"	15"	16"	17"
13/3	14/-	14/9	16/-	16/9	17/9	18/6	19/6
1/1 1/2	1/2	1/3	1/4	1/5	1/6	1/7	1/8

dozen. each.

18" 20/9 dozen, 1/9 each. Priced per single dozen and each.

CARD TABLE HINGE.



No. PHS*3294

Length of flap given.

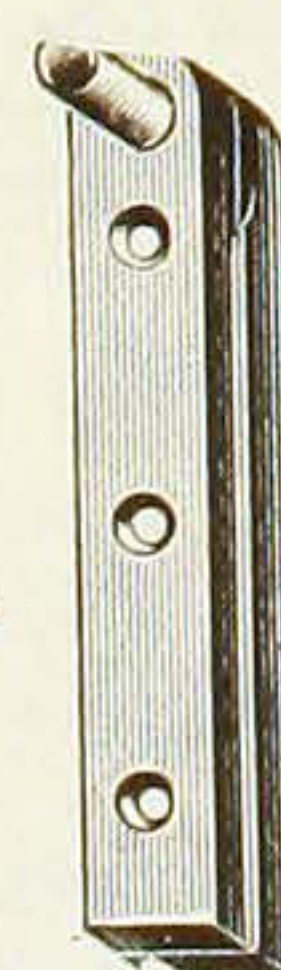
*Stocked only in 2", 2 1/2" and 3"

2"	2 1/2"	2 1/2"	2 1/2"	3"
15/-	17/6	21/-	24/6	28/-
1/4	1/6	1/10	2/1	2/5

31/6 dozen pairs. 2/8 each.

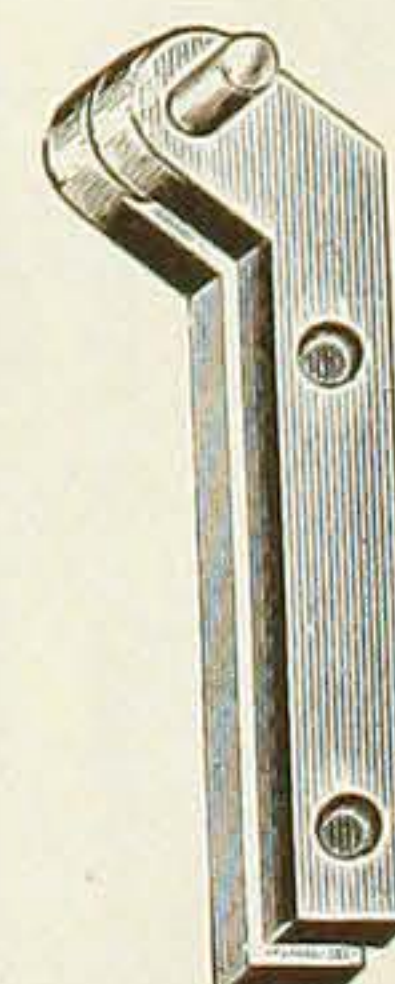
No. PHS*1872 Light Pattern.
No. PHS*1873 Strong Pattern.

CAST BRASS CENTRE PIN HINGES.



Light Pattern. No. PHS*1872		Heavy Pattern. No. PHS*1873	
dozen pairs.	each.	dozen pairs.	each.
1 1/2"	6/2	6 1/2 d.	7/-
1 3/4"	7/-	7 1/2 d.	8/9
2"	8/9	9d.	10/6
2 1/4"	10/6	11d.	12/3
2 1/2"	13/2	1/2	15/9
3"	15/9	1/4	19/3
3 1/2"	21/-	1/9 1/2	24/6
4"	28/-	2/4 1/2	33/3

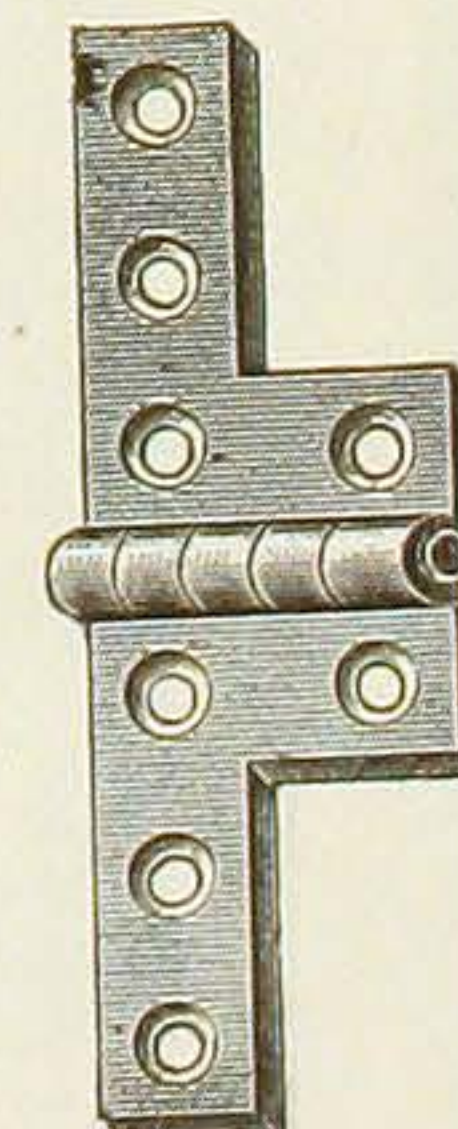
*Stocked only in 2 1/2" and 3"



No. PHO 3293

2"	10/6
2 1/2"	13/2
3"	22/-
3 1/2"	26/3

Dozen pairs. Per pair.



No. PHO 1871

Long	2 1/2"
Wide	2 1/2"
Doz. prs	12/3
Per pair	1/1

DESK AND BAGATELLE HINGES.

No. PHO 1871

Long.	Joint.	Dozen pairs.	Per pair.
2 1/4"	7/8"	17/1	1/6
2 1/2"	1 1/8"	20/1	1/9
3 1/4"	1"	22/1	2/-
3 1/2"	1 1/8"	25/10	2/3

Measured Open.

No. PHS 1870

2 1/2"	3"	3 1/2"	4"	4 1/2"	5"
14/9	17/3	22/-	25/9	29/6	34/3
1/3	1/6	1/11	2/3	2/6	2/11

Measured Open.

Illustrations: size as stated.

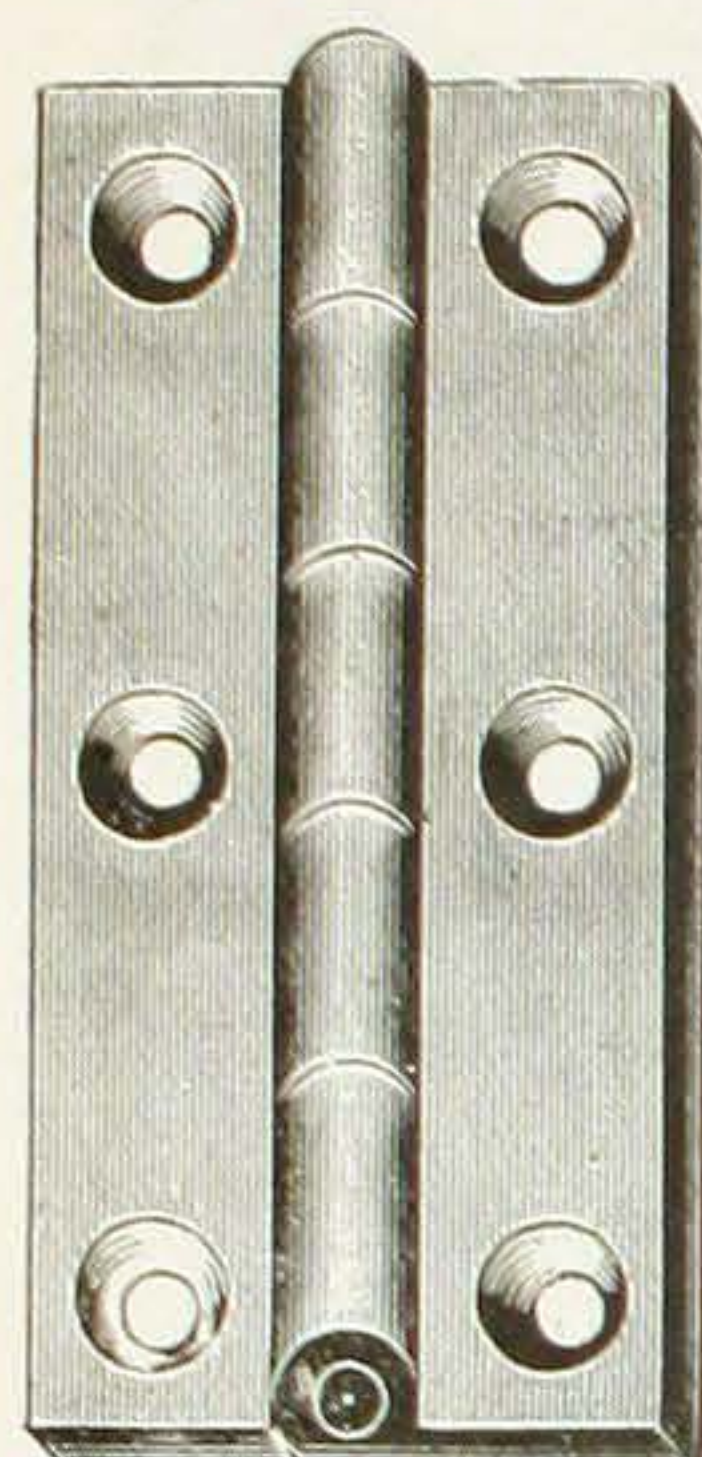
Brass Butt Hinges

(Measured Open).

STRONG CAST BRASS, MEDIUM WIDTH. Sanded Finish. Brass Pins.

CAST BRASS BUTTS. Per dozen pairs.
Medium Suite.

Light Suite.



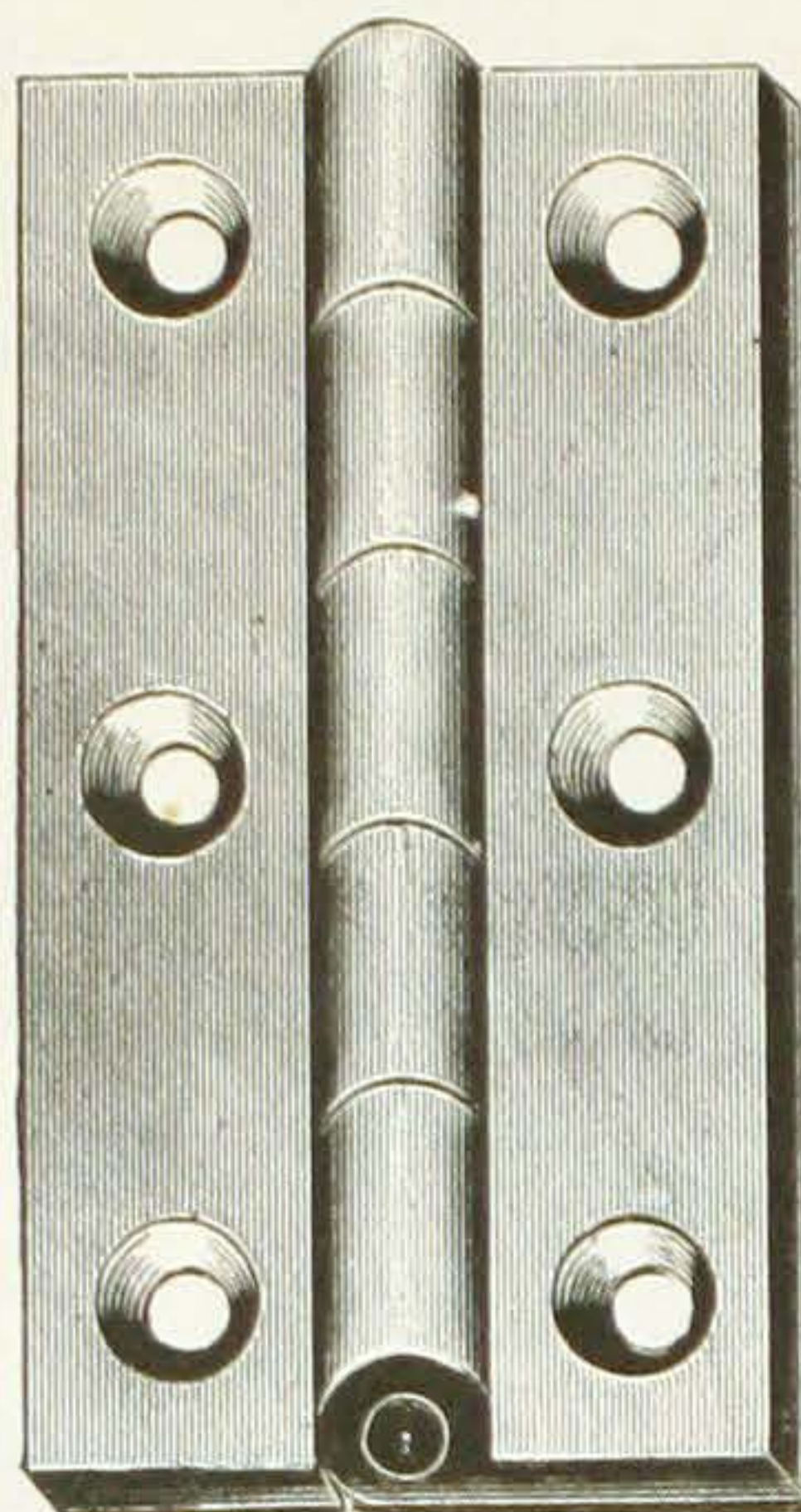
No. PHO 1794 2".

No. PHO 1794
Brass Pins. Sanded.

	Dozen pairs.	Per pair.
2" x 1 1/2"	8/6	9d.
2 1/2" x 1 1/2"	9/3	9 1/2 d.
2 3/4" x 1 1/2"	9/9	10d.
2 7/8" x 1 1/2"	13/3	1 1/12
3" x 1 1/2"	14/-	1 1/2
3 1/2" x 1 1/2"	21/-	1 9/12
4" x 2 1/2"	29/9	2/6
4 1/2" x 2 1/2"	49/-	4 1/12
5" x 2 1/2"	57/9	4/10

If Polished, all sizes up to 4" x 2 1/2" plus 20%.

Last two sizes, plus 10%



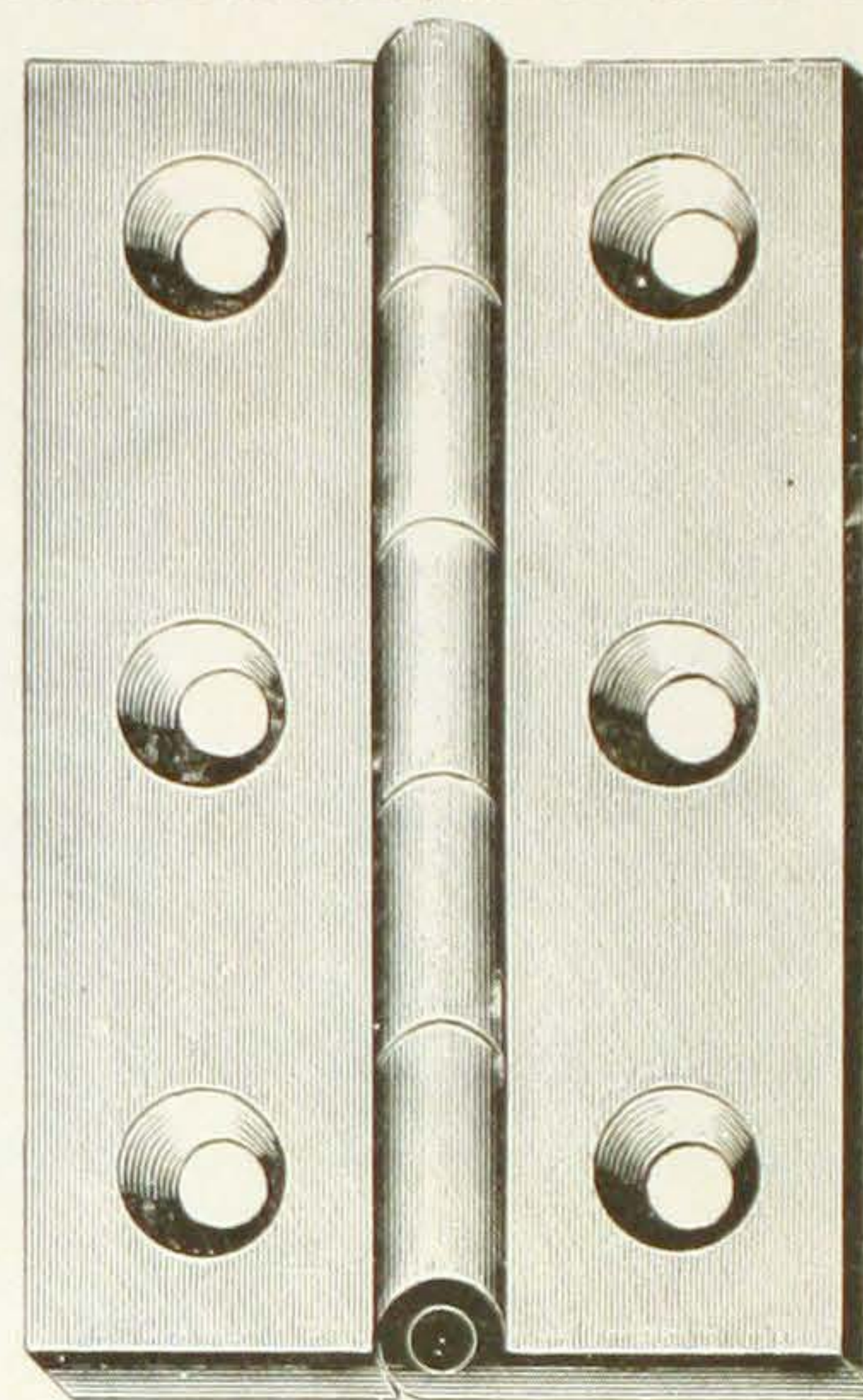
No. PHS 1795 2 1/2"

No. PHS 1795
Brass Pins. Sanded.

	Doz. pairs.	Per pair.
2" x 1 1/2"	8/6	9d.
2 1/2" x 1 1/2"	12/3	1 0/12
3" x 1 1/2"	17/6	1/6
3 1/2" x 2 1/2"	28/-	2 4/12
4" x 2 1/2"	35/-	2 11/12
4 1/2" x 2 1/2"	56/-	4 8/12
5" x 2 1/2"	70/-	5 10/12

*Stocked in all sizes except the last two mentioned.

If Polished, all sizes, plus 10%



No. PHS 1796 3"

No. PHS 1796

Sanded.

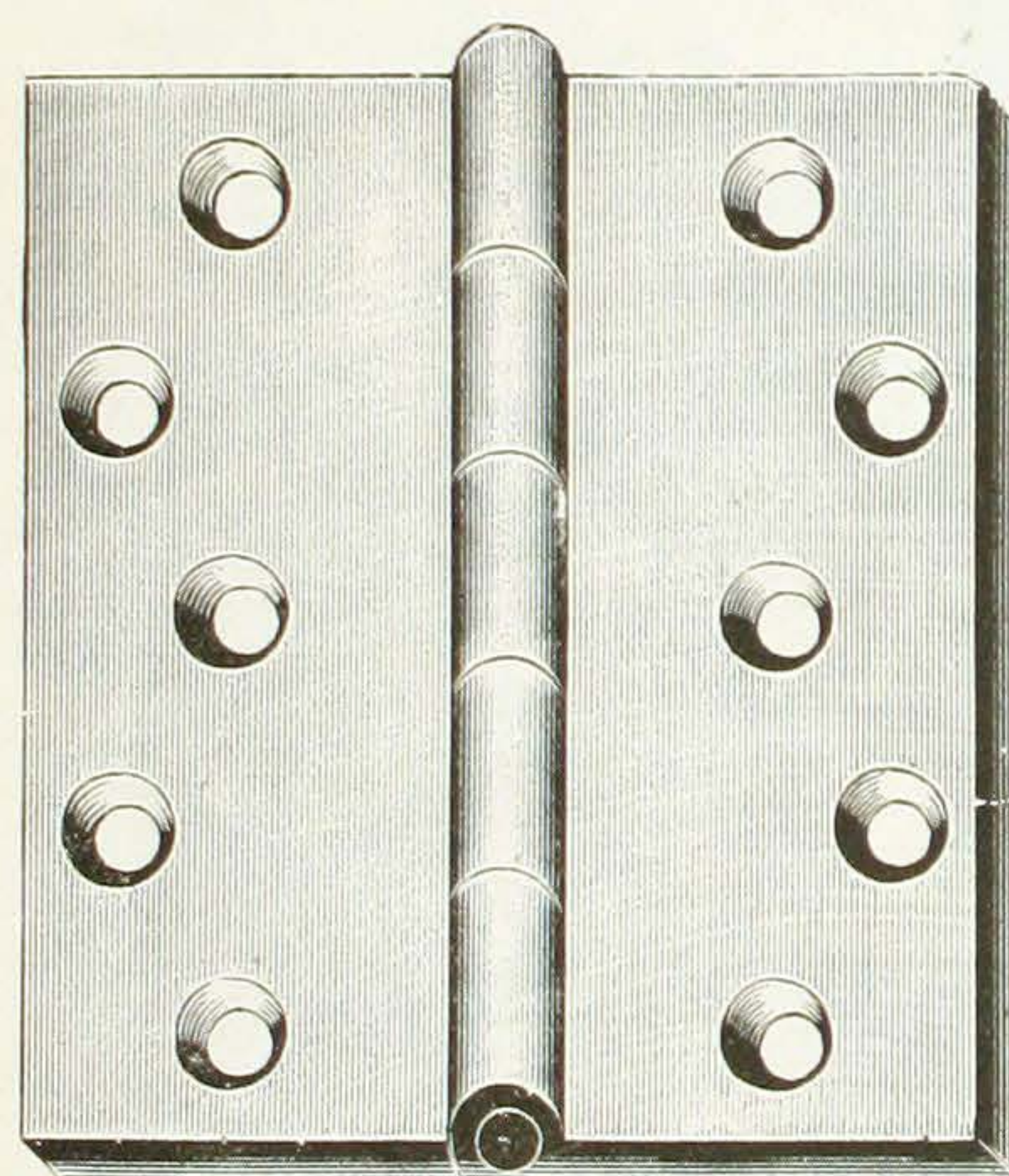
	Doz. pairs.	Per pair.
2" x 1 1/2"	10/6	11d.
2 1/2" x 1 1/2"	13/6	1 1/2
3" x 1 1/2"	21/-	1 9/12
3 1/2" x 2 1/2"	28/-	2 4/12
4" x 2 1/2"	38/6	3/3
4 1/2" x 2 1/2"	52/6	4 5/12
5" x 3 1/2"	65/9	5/6
6" x 3 1/2"	99/9	8/4

*Stocked up to 4" x 2 1/2"

Polished.

	Doz. pairs.	Per pair.
2" x 1 1/2"	12/9	1 1/12
2 1/2" x 1 1/2"	15/9	1 1/4
3" x 1 1/2"	23/8	2/-
3 1/2" x 2 1/2"	31/6	2 8/12
4" x 2 1/2"	42/6	3 8/12
4 1/2" x 2 1/2"	57/-	4 10/12
5" x 3 1/2"	71/9	6/-
6" x 3 1/2"	103/3	8/8

*Stocked up to 4" x 2 1/2"



No. PHS 1850 2 1/2"

CAST BRASS PROJECTING BUTTS.
No. PHS 1850

Sanded fronts, Polished projection, brass pin.

	Doz. pairs.	Per pair.
2 1/2" x 2 1/2"	35/-	3/-
3" x 3"	41/3	3 5/12
3 1/2" x 3 1/2"	54/3	4 6/12
4" x 3"	56/3	4 7/12
4" x 3 1/2"	61/3	5 1/12
4" x 4"	72/9	6/1

No. PHQ 1851

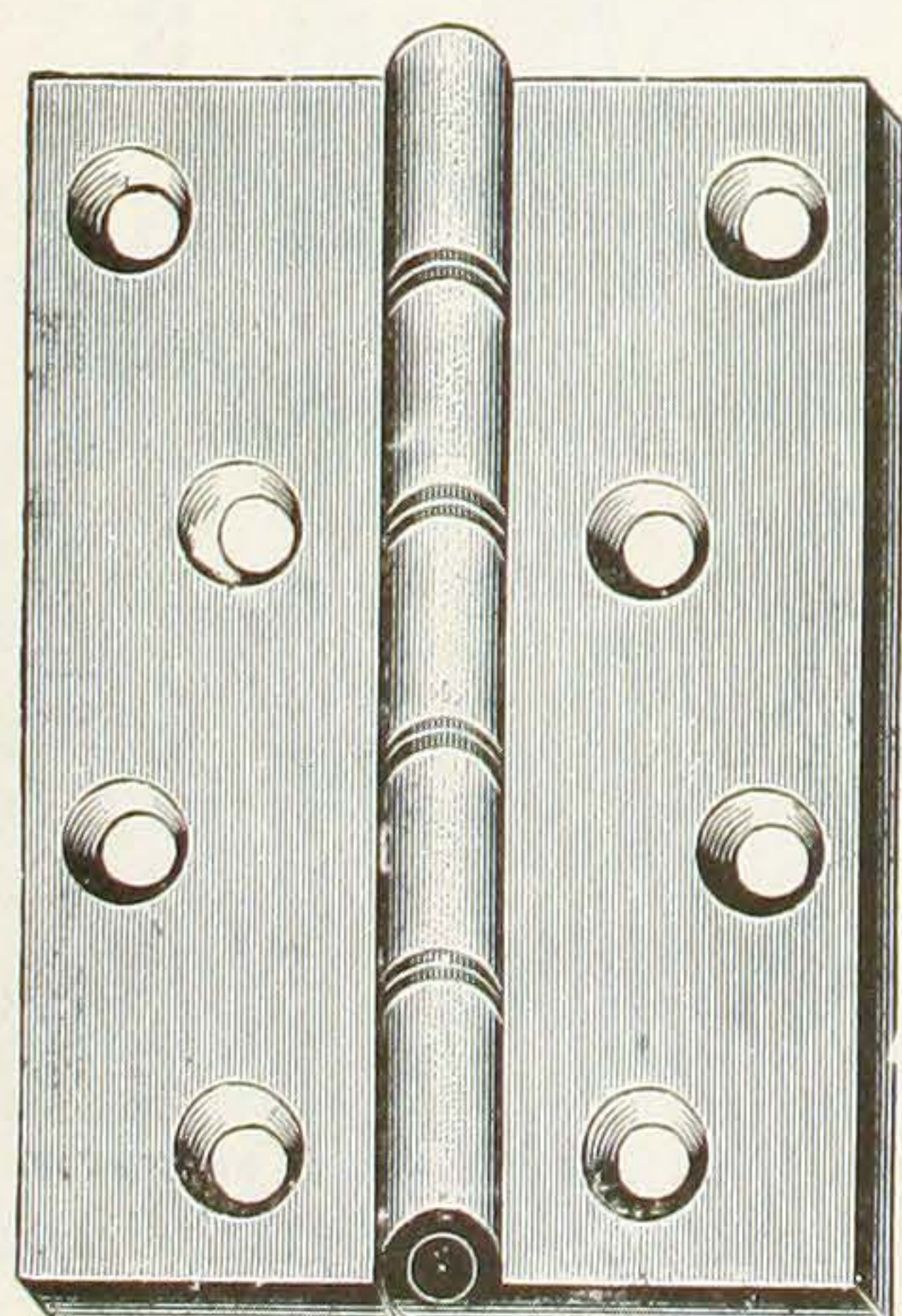
Polished all over. Brass Pin.

	Doz. pairs.	Per pair.
2 1/2" x 2 1/2"	38/6	3/3
3" x 3"	45/6	3 10/12
3 1/2" x 3 1/2"	59/6	5/-
4" x 3"	60/6	5/1
4" x 3 1/2"	68/3	5 9/12
4" x 4"	79/8	6/8

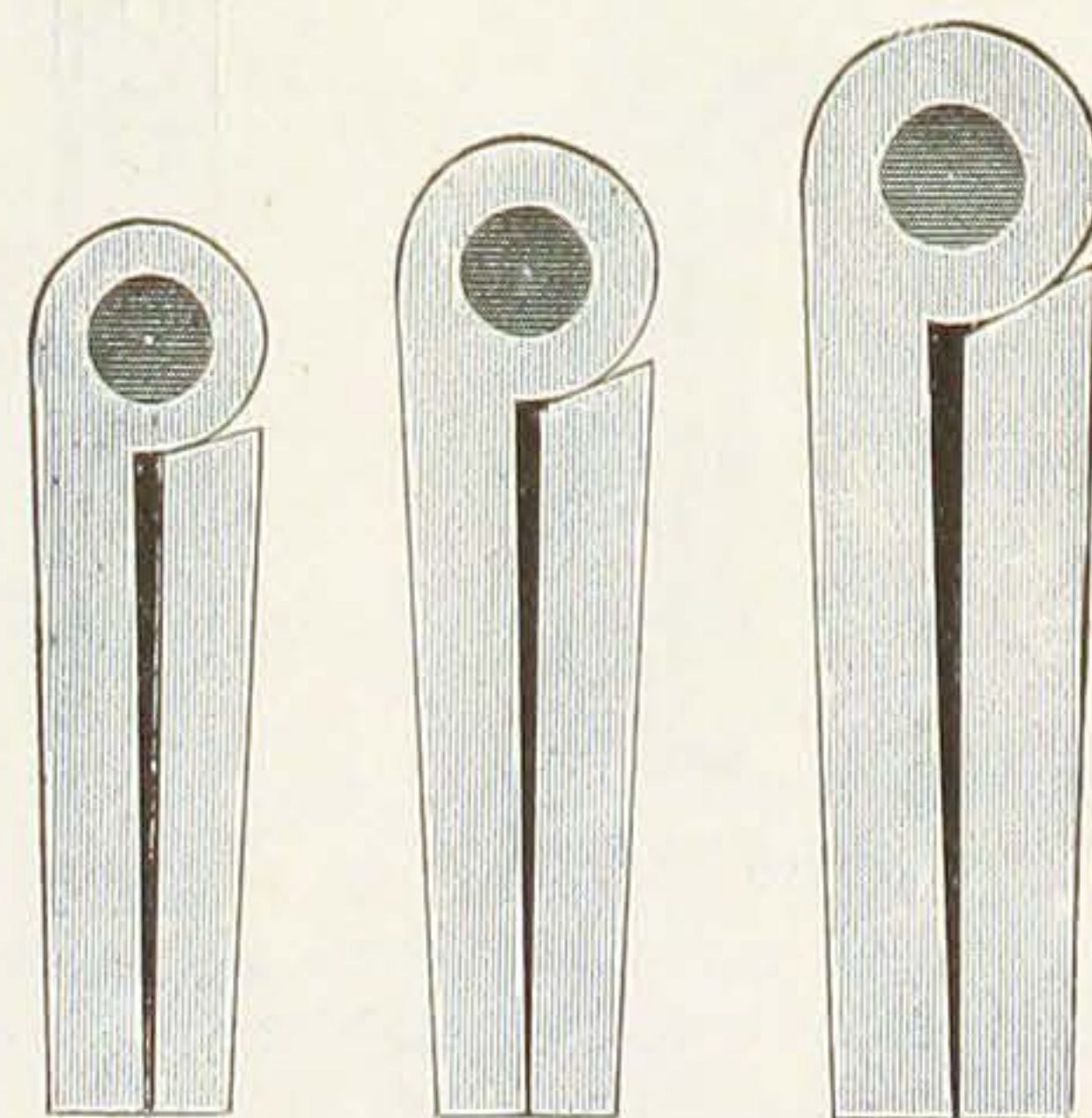
No. PHQ 1852

Double steel washered, Polished all over. Steel Pin.

	Doz. pairs.	Per pair.
2 1/2" x 2 1/2"	50/9	4 4/12
3" x 3"	56/-	4 9/12
3 1/2" x 3 1/2"	70/-	5 11/12
4" x 3"	71/-	6/-
4" x 3 1/2"	78/9	6 8/12
4" x 4"	91/-	7/8

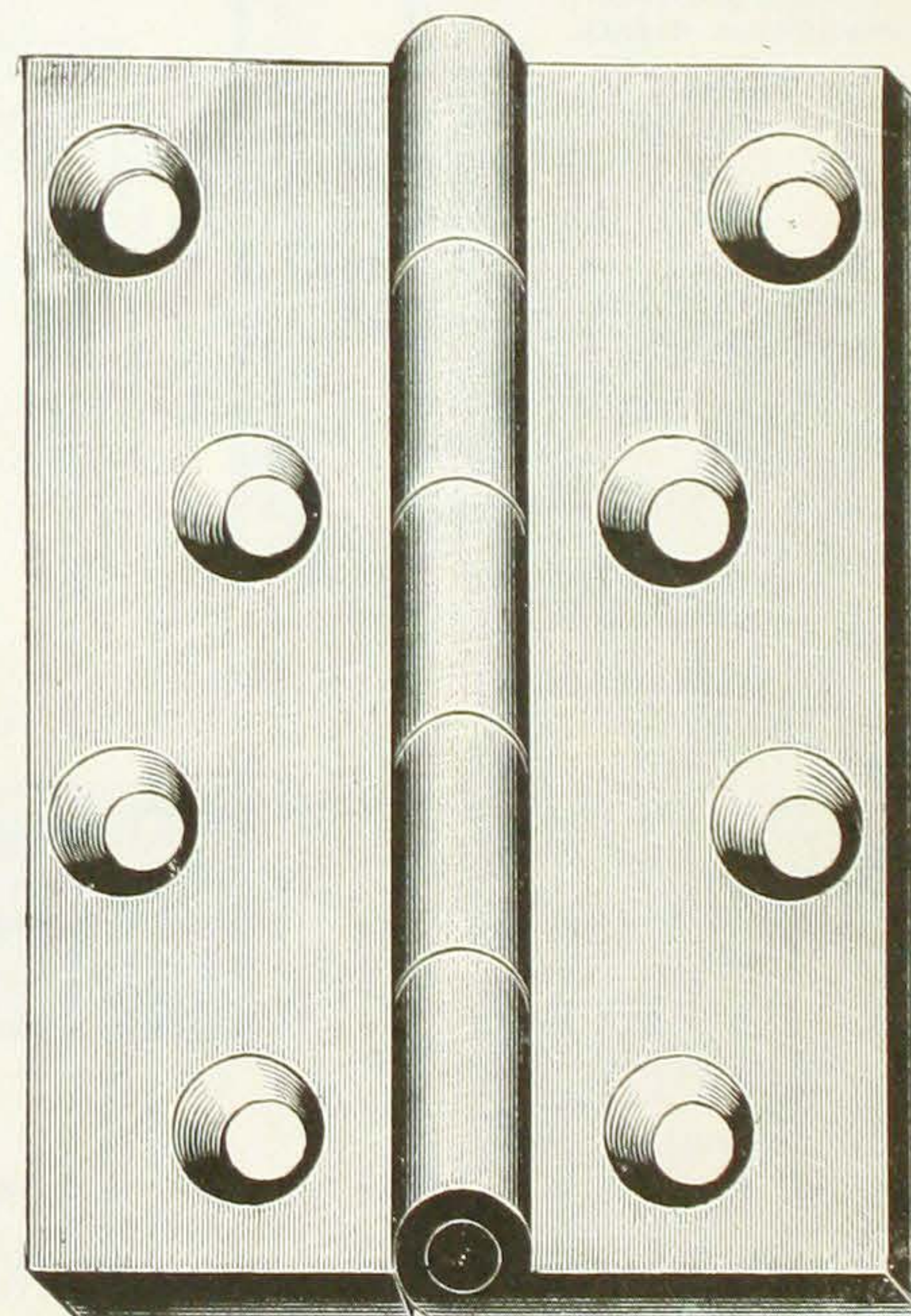


No. PHS 1841 Half size, 5"



No. PHO 1840 Light. No. PHS 1841 Medium. No. PHS 1842 Strong.

Full size Sections of 4".



No. PHS 1797 3 1/2"

STRONG CAST BRASS. BROAD SUITE.

Sanded Finish. Brass Pins.

No. PHS 1797

	Doz. pairs.	Per pair.
2" x 1 1/2"	12/3	1 0/12
2 1/2" x 1 1/2"	17/6	1 6/12
3" x 2 1/2"	26/3	2 2/12
3 1/2" x 2 1/2"	34/3	2 10/12
4" x 2 1/2"	50/9	4/3
4 1/2" x 3"	57/9	4 10/12
5" x 3 1/2"	76/3	6 4/12
6" x 3 1/2"	116/6	9 9/12

*Stocked up to 4" x 2 1/2"

No. PHO 1798

Extra Strong.

	Doz. pairs.	Per pair.
2" x 1 1/2"	13/3	1 1/12
2 1/2" x 1 1/2"	18/6	1 7/12
3" x 2 1/2"	28/-	2 4/12
3 1/2" x 2 1/2"	38/6	3/3
4" x 3"	61/3	5 1/12
4 1/2" x 3 1/2"	78/9	6 7/12
5" x 4"	112/-	9 4/12
6" x 4 1/2"	161/-	13 6/12

If Polished Backs.

No. PHS 1797

Sizes up to 3"

Doz. pairs 5d.; single pairs, 1d. extra.

No. PHO 1798

All sizes 2 1/2% extra.

Polished all over.

No. PHS 1797

Sizes up to 3"

Doz. pairs, 2/8; single pair, 2 1/2 d. extra.

Sizes above 3".

Doz. pairs, 4/5; single pair, 4 1/2 d. extra.

No. PHO 1798

All sizes 10% extra.

BEST CAST BRASS BUTT HINGES.

With Fixed Double Steel Washers.
Light Suite.

No. PHO 1840	Dozen pairs.	Per pair.
3" x 1 1/2"	33/3	2 10/12
3 1/2" x 2 1/2"	44/9	3 9/12
4" x 2 1/2"	57/-	4 10/12
4 1/2" x 2 1/2"	73/6	6 2/12
5" x 3"	91/-	7 8/12
6" x 3"	113/9	9 6/12

Medium Suite.

No. PHS 1841	Dozen pairs.	Per pair.
2" x 1 1/2"	26/3	2 2/12
2 1/2" x 1 1/2"	33/3	2 9/12
3" x 2"	36/9	3/1
3 1/2" x 2 1/2"	45/6	3 10/12
4" x 2 1/2"	49/-	4 1/12
4 1/2" x 2 1/2"	52/6	4 5/12
5" x 3"	73/6	6 2/12
6" x 3 1/2"	89/3	7 6/12
6" x 3 1/2"	117/3	9 9/12

*Not Stocked

Polished Fronts and Backs.
Strong Suite.

No. PHS 1842	Dozen pairs.	Per pair.
3" x 2 1/2"	38/6	3/3
3 1/2" x 2 1/2"	50/9	4/3
4" x 2 1/2"	57/9	4 10/12
4 1/2" x 3"	63/-	5 3/12
5" x 3 1/2"	77/-	6 5/12
5 1/2" x 3 1/2"	84/-	7 0/12
6" x 3 1/2"	94/6	7 11/12
6 1/2" x 3 1/2"	103/3	8 7/12
7" x 3 1/2"	105/-	8 9/12
7 1/2" x 4"	126/-	10 6/12

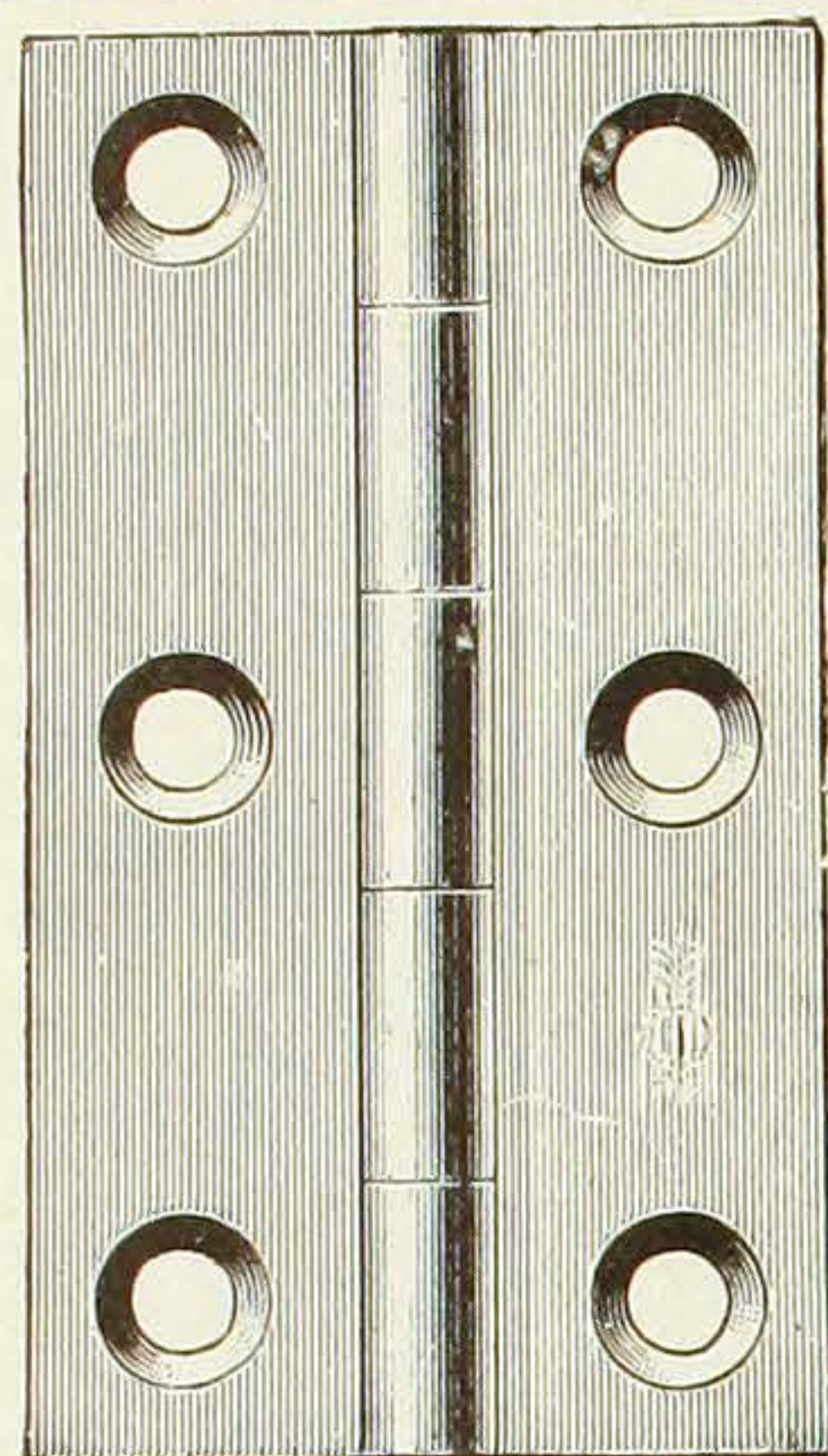
HOLLOW JOINT, DOUBLE STEEL WASHERED, CAST BRASS BUTTS.

Polished all over.

No. PHS 1843	Strong	Doz. pairs.	Per pair.	No. PHS 1844	Medium	Doz. pairs.	Per pair.
3" x 2 1/2"	64/6	85/-	113/6	3" x 2 1/2"	52/6	64/-	75/3
3 1/2" x 2 1/2"	5/6	7/2	9/6	3 1/2" x 2 1/2"	4/6	5/6	6/4
4" x 2 1/2"	11/6	14/9	21/6	4" x 2 1/2"	7/8	9/8	12/4
4 1/2" x 2 1/2"	136/6	175/-	257/3	4 1/2" x 2 1/2"	113/6	147/-	175/3
5" x 3"	14/9	21/6	257/3	5" x 3"	113/6	147/-	175/3
5 1/2" x 3"	14/9	21/6	257/3	5 1/2" x 3"	113/6	147/-	175/3
6" x 3 1/2"	14/9	21/6	257/3	6" x 3 1/2"	113/6	147/-	175/3

"B" Basis.

PHS—Stock Lines; PHQ—Quick Delivery; PHO—To Order only.



SCALE FULL SIZE, EXCEPT
WHERE OTHERWISE STATED.

Brass Butt Hinges.

(Measured Open).

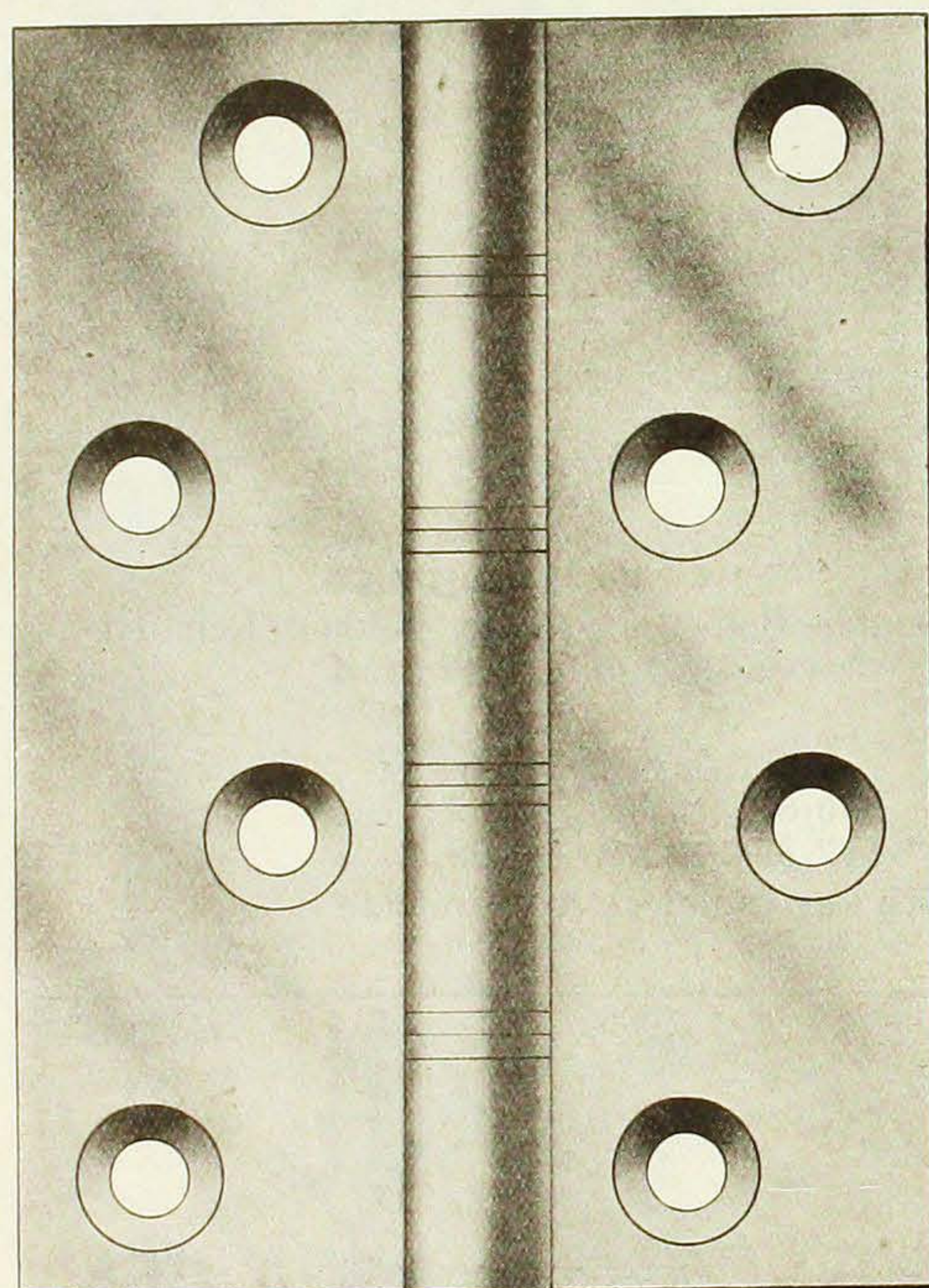
SOLID JOINT MACHINE-MADE BEST BRASS BUTT HINGES.

Advantages: Perfect Joints. Uniform Thickness. Exact Size. Symmetry. Smooth Action. Best Finish.

No. PHS 1790 (Narrow Sulte).				No. PHS 1791 (Broad Sulte).										No. PHO 1792 (Strong Sulte).							
Length	1"	1 1/2"	1 3/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	4"
Width	1 1/2"	1 3/4"	2"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	4"	1 1/2"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
Smoothed per dozen pairs	3/-	3/3	3/9	3/-	3/3	3/9	3/-	3/3	3/9	3/-	3/3	3/9	3/-	7/3	9/3	12/3	19/9	30/9	41/9	41/9	41/9
Per pair	3 1/2d.	3 1/2d.	4d.	3 1/2d.	3 1/2d.	4d.	3 1/2d.	3 1/2d.	4d.	3 1/2d.	3 1/2d.	4d.	3 1/2d.	7 1/2d.	9 1/2d.	10 1/2d.	1/8	2/7	3/6	3/6	3/6
Polished Joints, Lacquered														8/6	10/6	13/9	21/6	32/6	44/3	44/3	44/3
Per dozen pairs	3/9	4/-	4/3	4/3	5/3	6/3	7/3	9/3	11/6	14/-	20/3	32/-		8d.	11d.	1/2	1/10	2/9	3/9	3/9	3/9
Per pair	4d.	4 1/2d.	4 1/2d.	4 1/2d.	5 1/2d.	6 1/2d.	7 1/2d.	9 1/2d.	11/6	14/-	20/3	32/-		10 1/2d.	11d.	1/2	1/10	2/9	3/9	3/9	3/9
Polished Fronts and Joints, Lacquered.														10/-	11/9	15/6	23/6	34/6	47/3	47/3	47/3
Per dozen pairs	4/3	4/3	4/9	4/9	6/3	7/6	8/9	10/9	12/9	16/-	22/-	35/-		10 1/2d.	11/9	15/6	23/6	34/6	47/3	47/3	47/3
Per pair	4 1/2d.	4 1/2d.	5d.	5d.	6 1/2d.	8d.	9d.	11d.	12/9	16/-	22/-	35/-		10 1/2d.	11/9	15/6	23/6	34/6	47/3	47/3	47/3
Brass Pins, extra:														10 1/2d.	11d.	1/-	1/5	1/9	2/6	2/6	2/6
Per dozen pairs	5d.	5d.	8d.	7 1/2d.	8d.	10d.	11d.	1/-	1/2	1/3	1/6	1/10		10 1/2d.	11d.	1/-	1/5	1/9	2/6	2/6	2/6
Per pair	3 1/2d.	3 1/2d.	3 1/2d.	4d.	5d.	6d.	7d.	7 1/2d.	8d.	9d.	10d.	11d.		10 1/2d.	11d.	1/-	1/5	1/9	2/6	2/6	2/6
For Screws, No.	2	2	3	4	5	5	6	7	7	8	9	10		6	7	8	9	11	12	12	12

Packed in boxes of one dozen pairs of a size.

No. PHS 1791 (Broad Sulte).
Full size 2 1/4" x 1 1/2"



SOLID MACHINE-MADE HOLLOW JOINT BUTT HINGES.

No. PHO 5717.

With fixed Double Steel washers, Polished and Lacquered Fronts and Backs.

These Hinges are manufactured from a specially prepared hard bearing metal of great strength and durability and are much stronger than the ordinary cast butt of the same size. Being machine-made they are of uniform size and thickness.

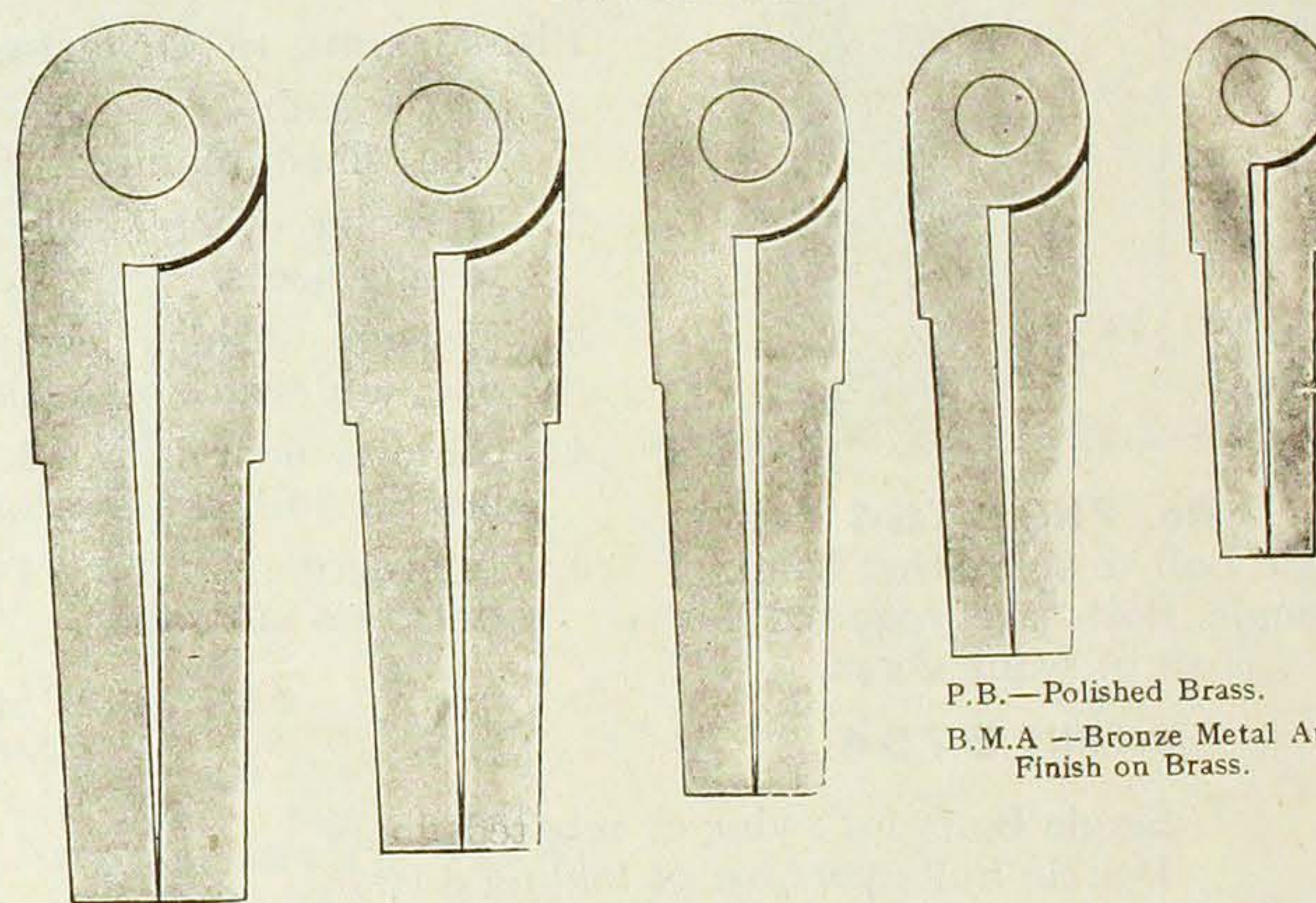
Advantages:—

Perfect Joints.
Uniform Thickness.
Symmetry, Exact Size.
Smooth Action.
Best Finish.

FOR PRICES
SEE BELOW.

BEST CAST BRASS PROJECTING BUTT HINGES. HOLLOW JOINT.

Full Size Sections.



P.B.—Polished Brass.

B.M.A.—Bronze Metal Antique Finish on Brass.

No. PHO 9169		No. PHO 9170		No. PHO 9171		No. PHO 9172		No. PHO 9173		No. PHO 9174		No. PHO 9175		No. PHO 9176		No. PHO 9177		No. PHO 9178		No. PHO 9179	
5" x 4 1/2"	18/6	4 1/2" x 4"	22/-	4" x 3 1/2"	13/6	3 1/2" x 3"	15/9	3" x 2 1/2"	8/9	2 1/2" x 2"	10/6	2" x 1 1/2"	6/5	1 1/2" x 1"	8/-	1" x 3/4"	4/6	3/4" x 3/4"	5/3	3/4" x 3/4"	5/3
Double Steel Washered as above.																					
No. PHO 9170 22/9 27/3 15/9 18/6 11/6 13/3 8/- 9/3 5/9 6/9 per pair.																					

No. PHO 5717 Polished Brass.

3"	3 1/2"	4"	4 1/2"	5"
2 1/2"	2 3/4"	2 1/2"	3 1/4"	3 1/2"
38/6	43/9	52/6	84/-	115/6
3/4	3/9	4/6	7/2	9/8

Illustration
Full Size,
4" x 2 1/2"

No. PHO 5717 B.M.A. Finish.		No. PHO 5717 Polished Brass.		No. PHO 5717 B.M.A. Finish.		No. PHO 5717 Polished Brass.	
3" x 2 1/4"	42/-	3 1/2" x 2 1/4"	48/2	4" x 2 1/4"	57/9	4 1/2" x 2 1/4"	91/-
Per dozen pairs	3/7	Per dozen pairs	4/2	Per dozen pairs	4/11	Per dozen pairs	7/9
Per pair		Per pair		Per pair		Per pair	

BEST CAST BRASS SCREW RISING HINGES.

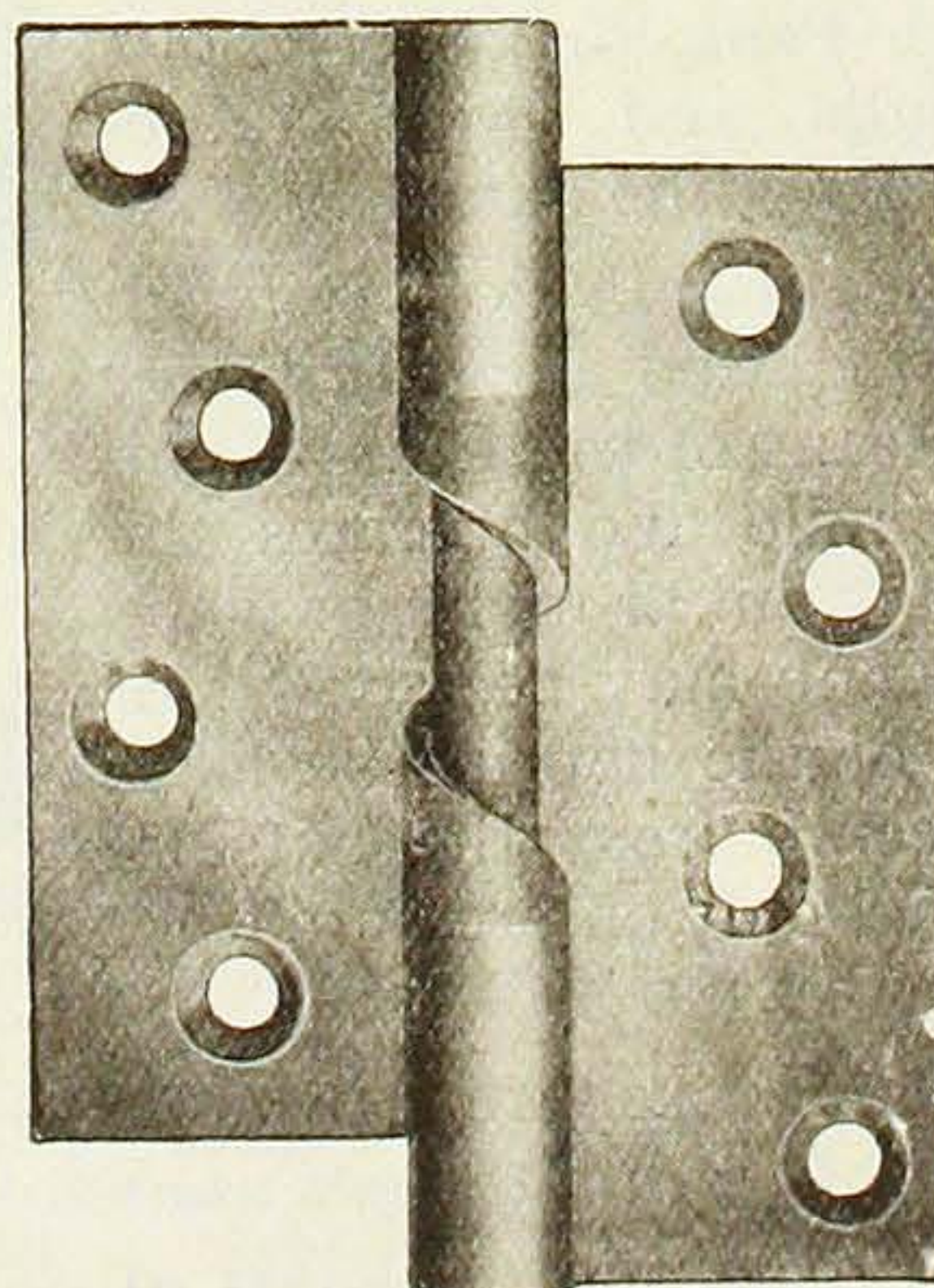
Polished and Lacquered.
Illustration Half size of 4",
Left-hand.

Strong Suite. No. PHO 1856
Medium Suite. No. PHO 1857
Also made in Gun-Metal, Antique
Bronze, etc., to order.

Made to any width or Section.
Steel Screws.

These Hinges are made with a very quick rise, so as to clear any ordinary carpet with a small amount of opening.
The Screws being accurately cut by special machinery, the action is perfectly true and steady, and any number fixed on the same door will work together.

No. PHO 1856 Strong Suite.		No. PHO 1857 Medium Suite.	
3 1/2" x 3"	21/8 pair.	3 1/2" x 2 1/2"	21/- pair.
4" x 3 1/2"	25/- "	4" x 3"	24/- "
4 1/2" x 3 1/2"	30/9 "	4 1/2" x 3 1/2"	27/3 "
5" x 4 1/2"	41/- "	5" x 3 1/2"	32/- "
6" x 4 1/2"	51/3 "	5" x 4 1/2"	35/3 "



No. PHO 9168 RISING HINGES. Machine-Made.

No. PHO 9168 RISING HINGES. Machine-Made.		No. PHO 9168 RISING HINGES. Machine-Made.	
Size	3 1/2"	4"	4 1/2"
Brass	15/-	18/6	28/-
B.M.A.	16/8	20/2	30/3
per pair.			

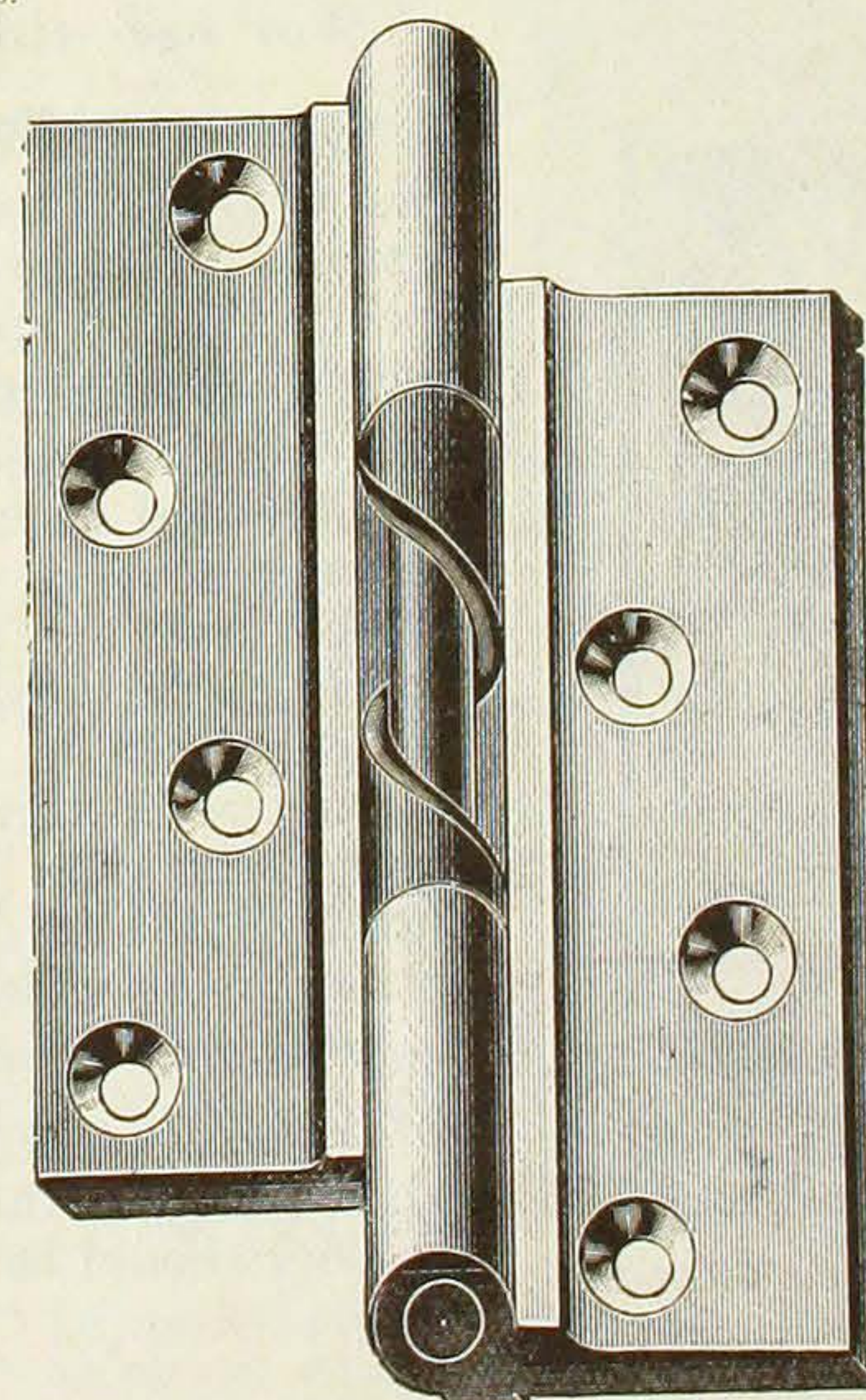


Illustration Half-size 5", Right-Hand.

CAST BRASS RISING BUTT HINGES.

Steel Joints. All Polished.

No. PHO 1853
Medium Suite.

3" x 2 1/4"	14/11 pair.
3 1/2" x 2 1/4"	18/1 "
4" x 2 1/4"	21/11 "
4 1/2" x 3 1/4"	28/- "
5" x 3 1/4"	31/6 "

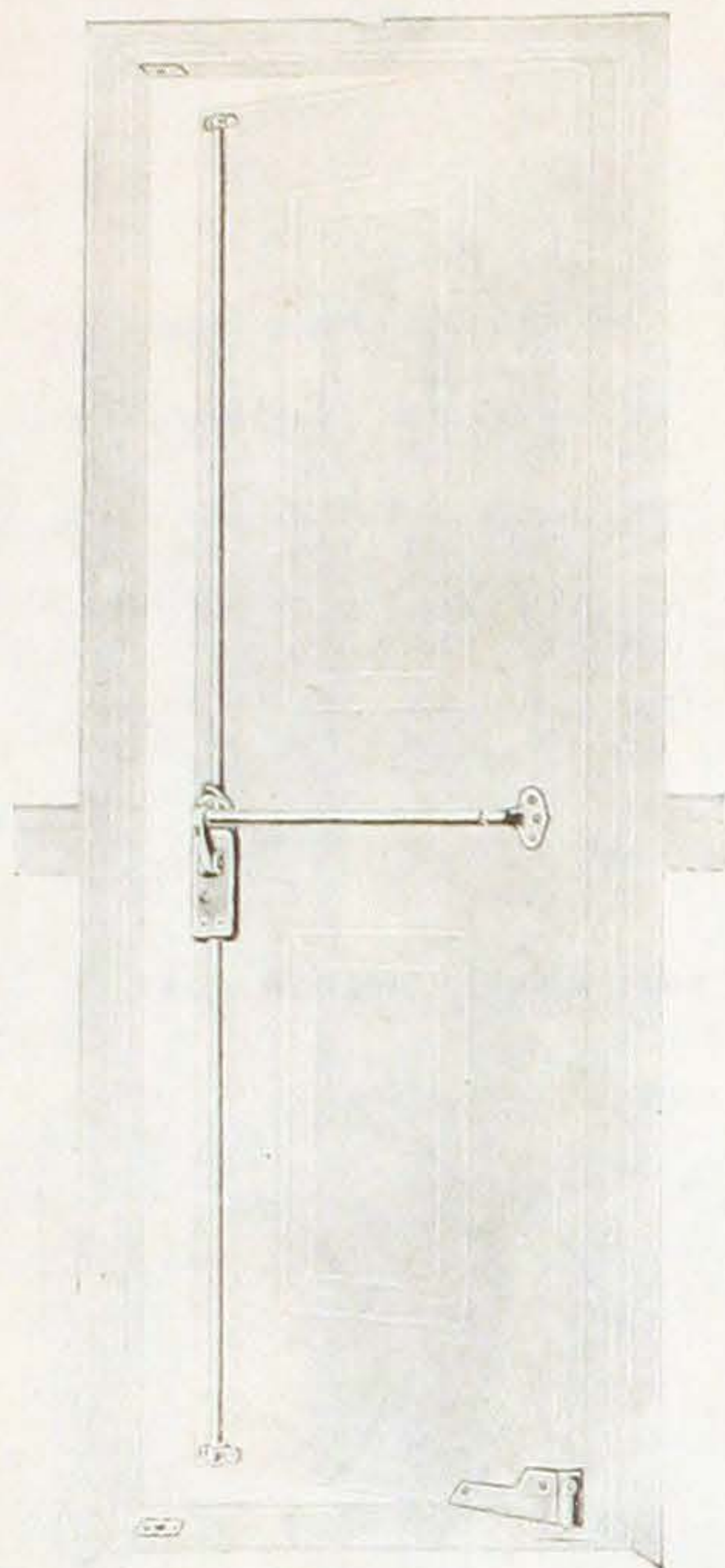
No. PHO 1854
Stronger Suite.

Priced per pair.

No. PHO 1854 Stronger Suite.		No. PHO 1854 Stronger Suite.	
3 1/2" x 3 1/2"	19/10	Pol. Brass on Brass	20/2
4" x 3 1/2"	23/3		23/8
4 1/2" x 4"	25/-		25/6
5" x 4"	27/7		28/-
5 1/2" x 4 1/2"	32/8		33/3
6" x 5"	39/7		40/3

The "5754" Patent Automatic Panic Bolt

PRICED EACH

**No. PHQ 5754**

Single Bolt to suit either hand.
Two Single Bolts are required for a pair of swing doors.

For Egress Doors in Schools,
Theatres, Factories, etc.

ADVANTAGES :

It meets the requirements of the L.C.C.
It is very simple in construction, perfect in
action, and strongly made.

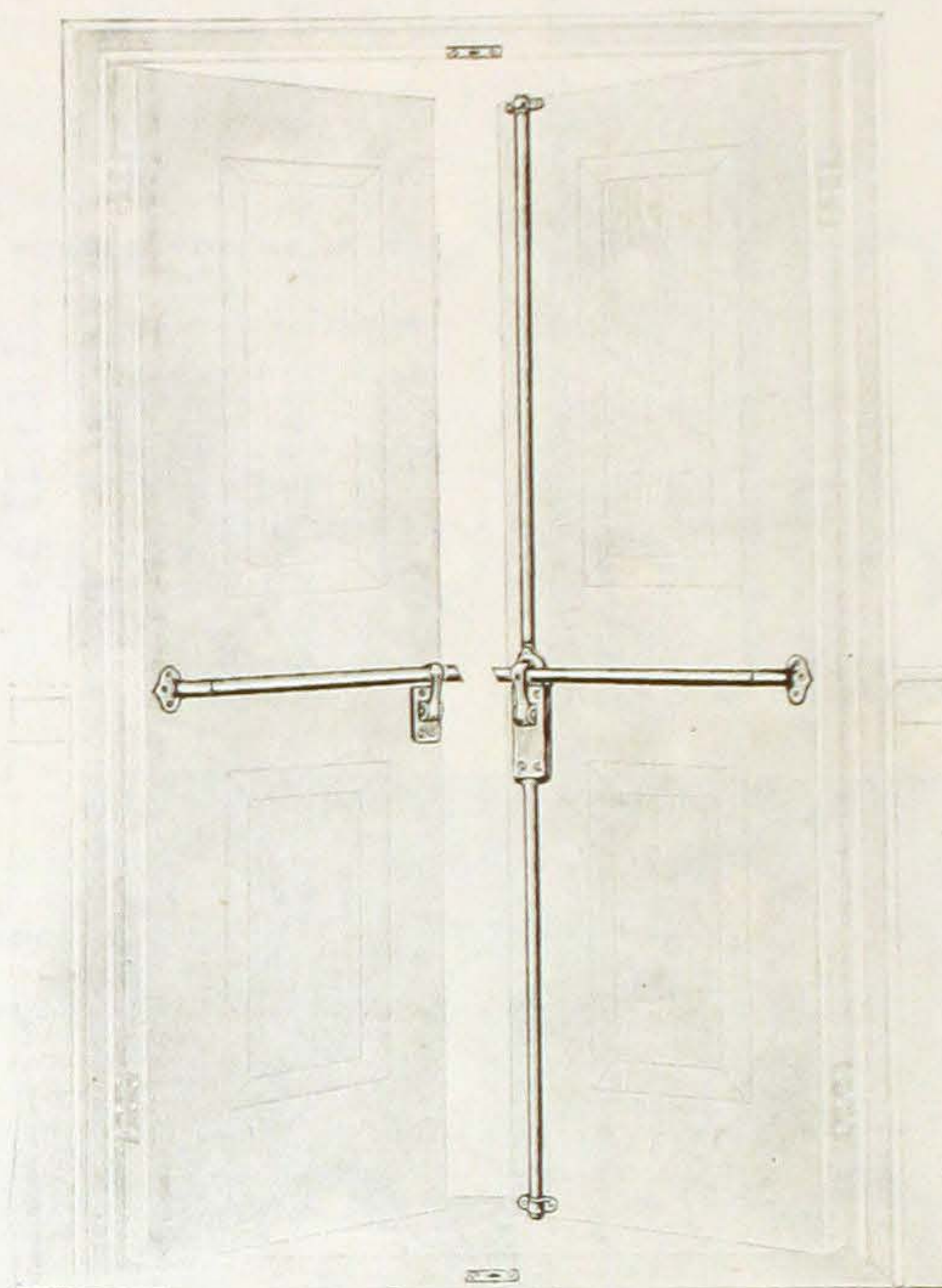
It is most easily fixed, no cutting away of
wood.

The **same bolt** does for either right or left-
hand, without any alteration.

If required to unlock from outside, a key
with locking escutcheon can be supplied,
or our patent "5755" Lock with brass
knob and key. (See below.)

Please state in Ordering :

1. If the bolt is to be iron or brass, and
what finish required.
2. If required for single door, or pair of
folding doors.
3. Measure inside height from head to
floor and width of opening.
4. State if floor is wood or stone, and if
head is flush or projects.
5. In ordering, "5755" Patent Lock, state
thickness of door.

**No. PHQ 5754**

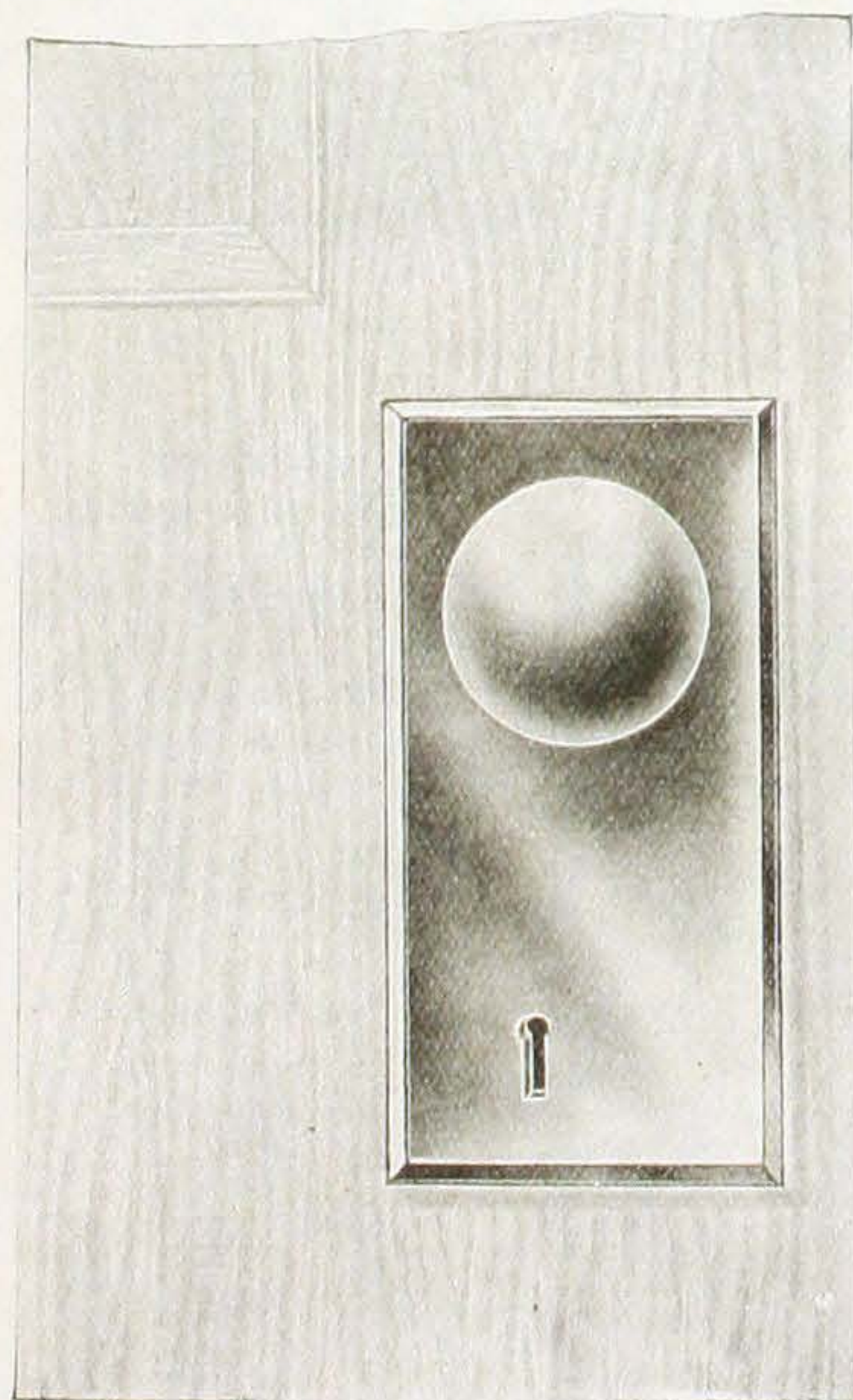
Double Bolts for pair of Folding Rebated
Doors, to suit either hand.

No. PHQ 5754

	All Iron	Polished Brass	B.M.A. on Brass	Gun- Metal	B.M.A. on Gun-Metal	Sil. Oxy'd. on Wh. M.
Single Bolts for swing or rebated doors	42/-	76/6	83/6	80/6	87/6	112/- each.
Double Bolts per pair of folding doors	56/9	110/9	119/-	117/3	125/9	158/6 "

If with Brass Spring Dirt Excluding Socket for floors 5/1 each extra.
and locking escutcheon 11/- extra.

If with key to unlock from outside



View on outside of Door, showing
Brass Lock Plate and Knob.

The
"5755" Patent Lock

For use with Panic Bolts, etc.

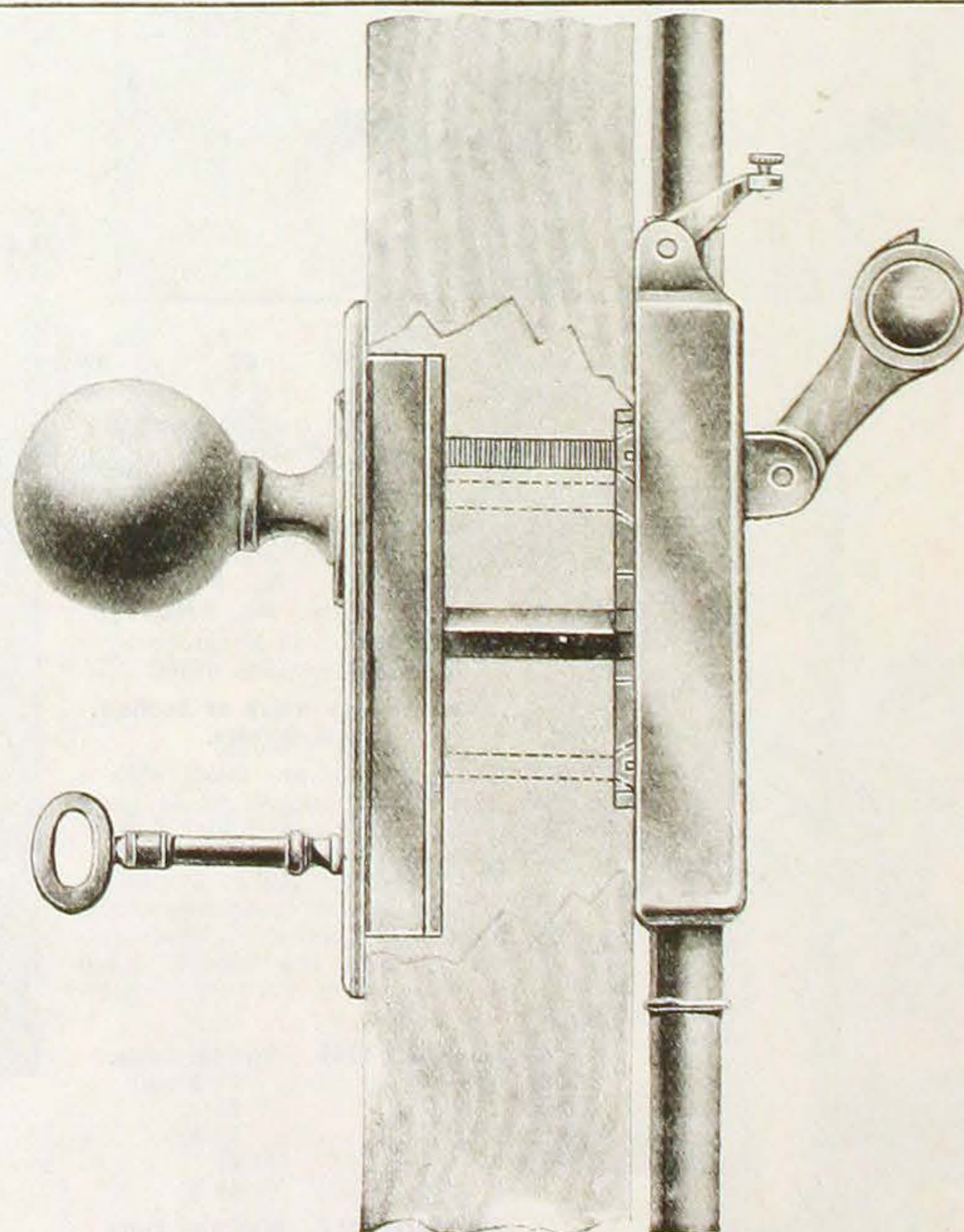
No PHQ 5755

The "5755" Patent Lock is especially
designed to use with Panic (or other) Bolts
operated by a spindle, and which are re-
quired to be opened from the outside.

The door, on which a Panic Bolt is fixed,
may be used when required as an ordinary
entrance door, by means of the Brass Knob
which turns the spindle and operates the
Bolt from the outside; but at night, or when
desired, the Brass Knob may be put out of
action by the turn of the key in the lock,
leaving the door secure from the outside,
and the Bolt free to act only on pressure from
within in the usual way.

The "5755" Patent Locks are sent out
to differ, with one key to each lock.

When ordering this Lock, the thickness of
the door should be stated.



Sectional View through Door, showing the Panic Bolt on
the inside, and the "5755" Patent Lock on outside.

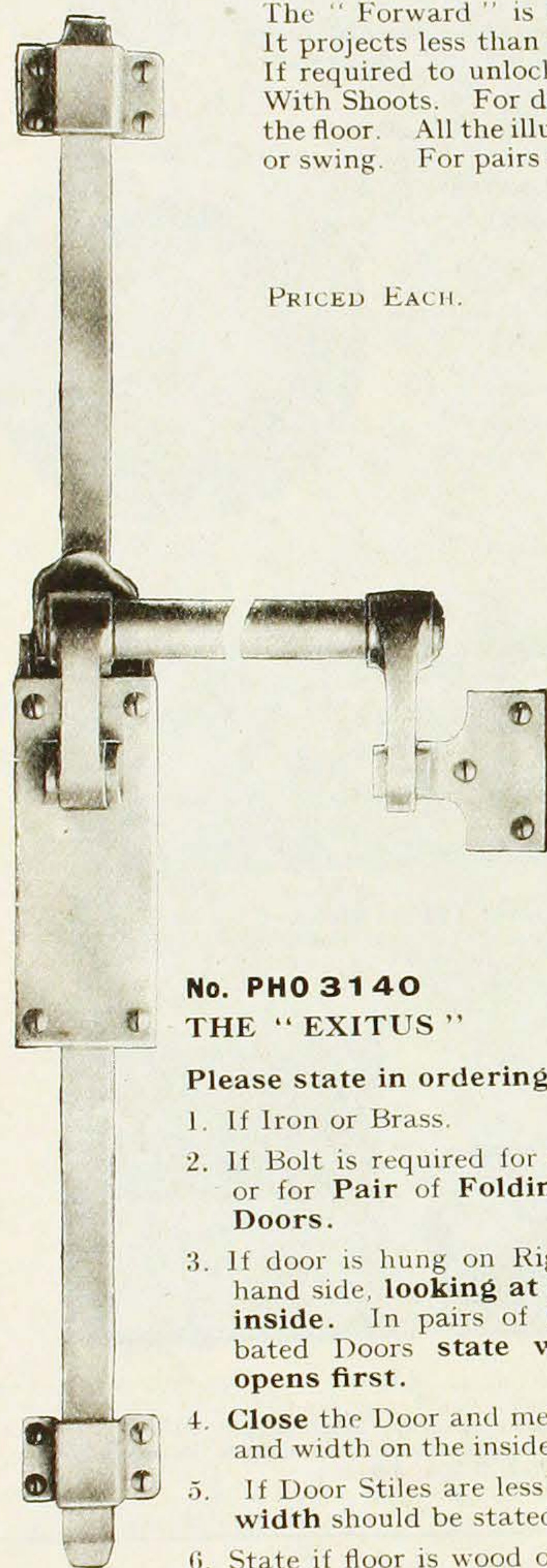
With Brass Knob and one Key ... 43/9 each.

Extra Keys if required ... 3/- each.

Patent Automatic Panic Bolts

The "Forward" is designed to meet the requirements of the L.C.C. It projects less than two inches, and is very strong, very simple and effective, and easily fixed. If required to unlock from outside, it is only necessary to bore a hole through the door. With Shoots. For doors up to 8' 0" high x 4' 0" wide. Cross Bars are sent out to fix 3' 6" from the floor. All the illustrations show a **right-hand Bolt** for fixing to a Single Door, either **rebated** or swing. For pairs of Swing Doors two Single Bolts (handed) are required.

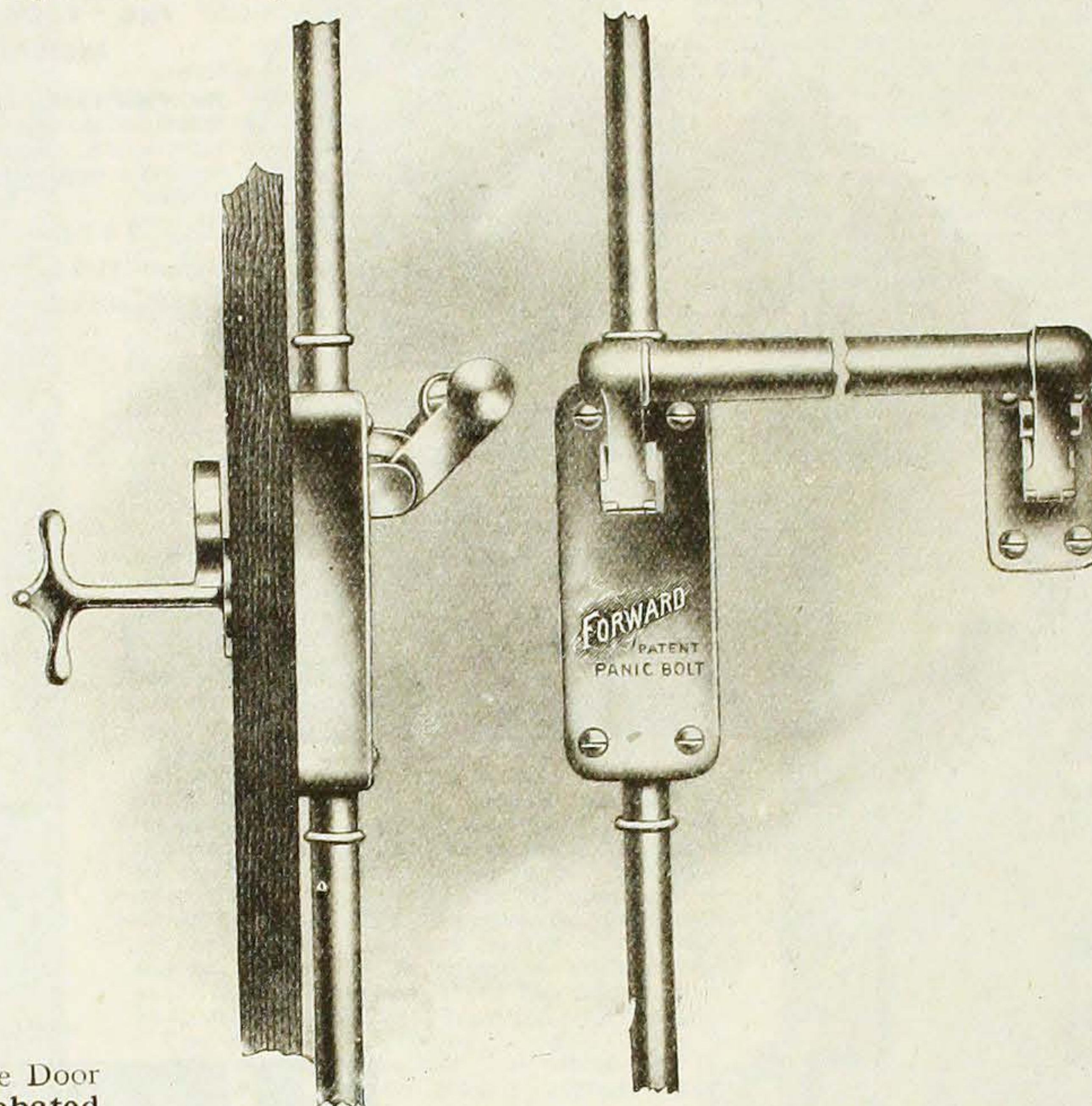
PRICED EACH.



No. PHO 3140
THE "EXITUS"

Please state in ordering :—

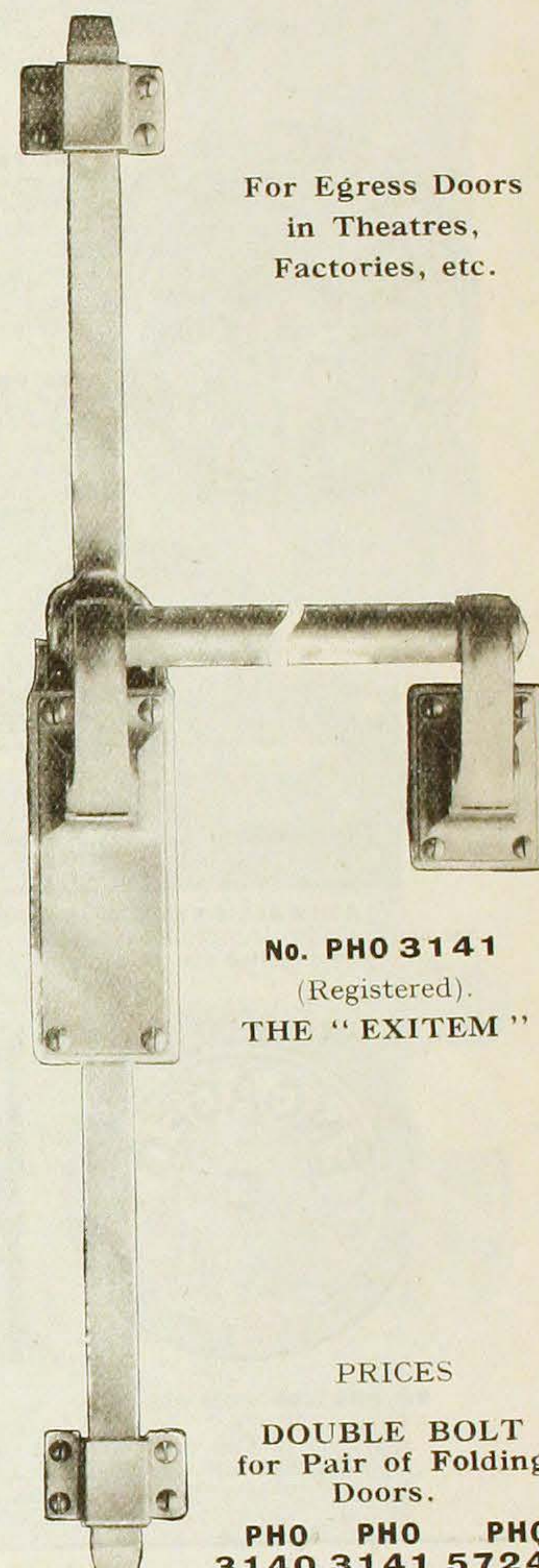
1. If Iron or Brass.
2. If Bolt is required for Single Door or for Pair of Folding Rebated Doors.
3. If door is hung on Right or Left-hand side, **looking at it from the inside**. In pairs of Folding Rebated Doors **state which door opens first**.
4. **Close** the Door and measure height and width on the inside.
5. If Door Stiles are less than 4", the **width** should be stated.
6. State if floor is wood or stone, and if head is flush or projecting. Dust-excluding Spring Sockets are charged extra if required.



No. PHQ 5724
THE "FORWARD" SINGLE BOLT for
SWING OR REBATED DOOR.

SINGLE BOLT.	PHO 3140	PHO 3141	PHQ 5724
Iron	48/3	52/6	52/6 each.
Brass Polished	77/-	87/6	79/9 "
B.M.A. on Brass	96/3	105/-	86/9 "
Ox. Silver on White Metal ...	127/-	148/9	116/6 "
If with—			
Key to unlock from outside and Locking Escutcheons	8/9	8/9	11/- ea. extra
Brass Spring Dirt Excluding Socket for Floor*	3/6	3/6	4/6 " "
Lock, similar to No. PHQ 5755 on page 100 with Key and Brass Knob	35/-	35/-	43/9 " "
Extra Keys for above Lock	2/3	2/3	3/- " "

*Similar to illustration No. PHS 1897 on page 90.



For Egress Doors
in Theatres,
Factories, etc.

No. PHO 3141
(Registered).
THE "EXITEM"

PRICES

DOUBLE BOLT
for Pair of Folding
Doors.

	PHO 3140	PHO 3141	PHQ 5724
Iron	65/9	70/-	74/6
Brass, Pol.	105/-	131/3	121/9
B.M.A.	131/3	166/3	124/-
Ox. Silver on White Metal	166/3	218/9	166/3

Extras as for Single Bolt.

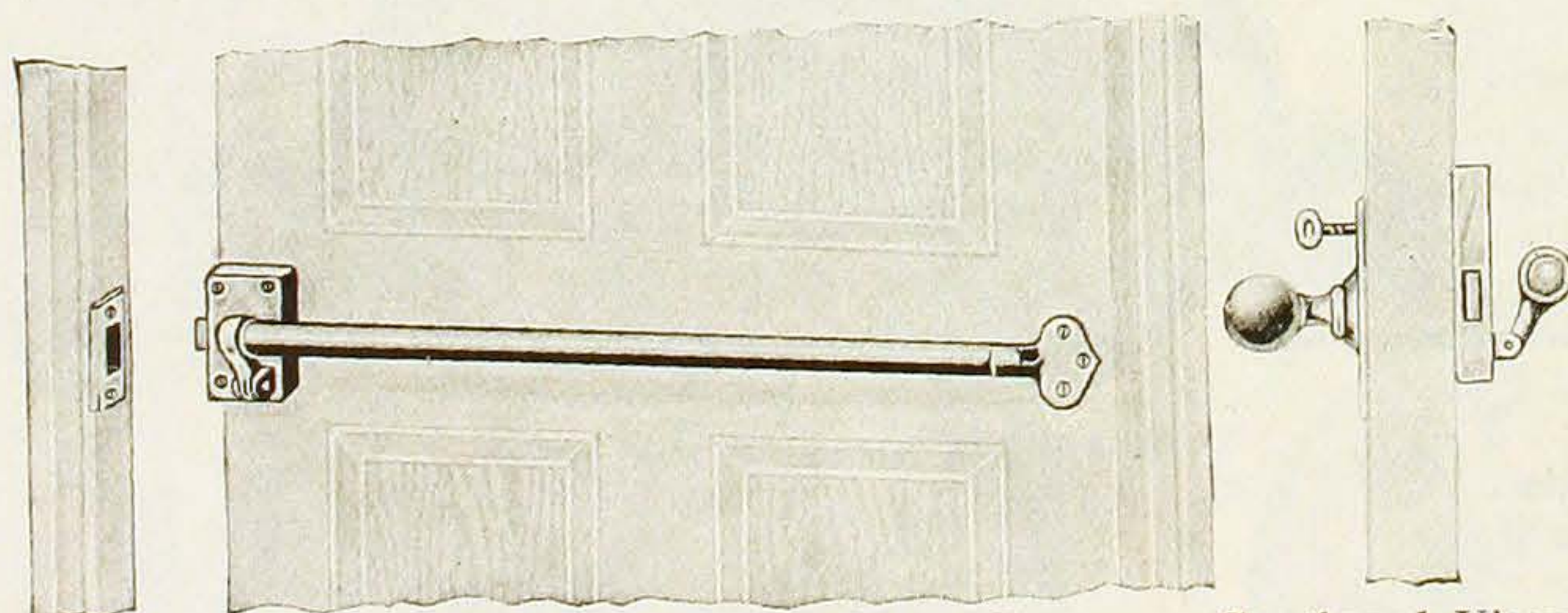
The "FORWARD" Patent Automatic Panic Latch

For Single Rebated Doors.

For use in Schools, Public Buildings, Factories, etc.

A Door on which the "Forward" Panic Latch is fixed may be used as an ordinary entrance door by means of the Brass Knob, which operates the Latch from the outside; but at night, or when desired, the Brass Knob may be put out of action by a turn of the Key, making the door **secure** from the outside.

The Latch is also made to operate from the outside with the Key only, **without** the Brass Knob. In every case the Latch is **free** to act from pressure against the Bar inside in the usual way.



View of Panic Latch fixed on a Door
hung on Right-hand side.

Sectional View
through Door.

Please state, when Ordering :

- If Latch is to operate with Key only, or with Key and Brass Knob.
If All Iron or All Brass.
If Door is **hung** on Right or Left-hand side, looking at it **from the inside**.

No. PHQ 5725	Rim Latch.	All Iron.	All Brass.
To open only from inside	...	28/-	46/3 each.
To operate with key from outside ...	...	33/9	51/9 "
To operate with key and brass knob ...	...	43/3	61/9 "

One Key with each Latch supplied. Extra Keys, 2/- each.
Latches made to pass special keys, or to suit Rebated Doors will be charged extra.

- State width of Door **inside**, when closed.
Give width of Stiles.
State thickness of Door.

No. PHQ 5725 Mortice Latch with Roller Bolt.

	All Iron.	All Brass.
To operate with key only	61/9	78/3 each.
To operate with key and brass knob ...	72/9	89/6 "

Indicating Bolts and Latches.

For Hotels, Railway Stations, Offices, Consulting Rooms, Lavatories, Baths, W.C.'s, &c.

Scale—Half Size.

These Bolts and Indicators are simple in construction, easy to fix, and effective in operation. A slide of the bolt securely fastens the door, and at the same time indicates "Engaged." They are reversible, and may be applied to doors of any thickness.

ASHWELL'S SYSTEM.

No. PHS*1880 Best quality. Strong cast pattern. When door is bolted the indicator shows "Engaged" and when unbolted "Vacant." Length of bolt, $4\frac{1}{2}$ ". Brass, 7/-; Brass C. B. and R., 8/-; B.M.A., 8/9; Ox. Silver on White Metal, 13/3 each.

*Stocked only in Brass and B.M.A.

Diameter $2\frac{1}{2}$ ". Now supplied with the word to view in the upper half.

No. PHS*1881 Designed to prevent dust interfering. Now supplied with the word to view in the upper half. Size of disc Indicator, $2\frac{1}{2}$ " diameter. Strong machine made. Brass, 6/3; Brass, C.B. and R., 8/-; B.M.A., 8/-; Ox. Sil. on White Metal, 11/6 each.

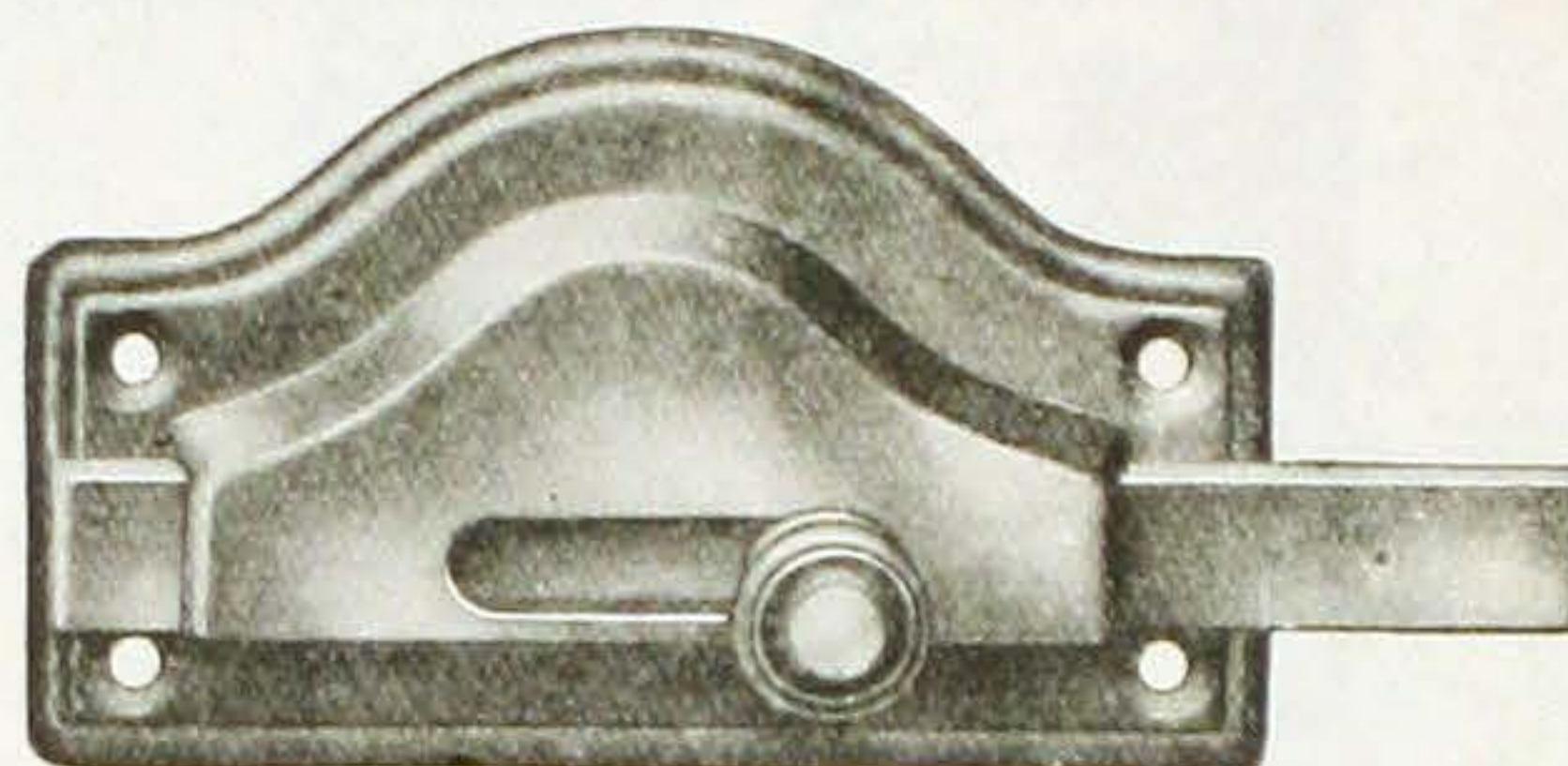
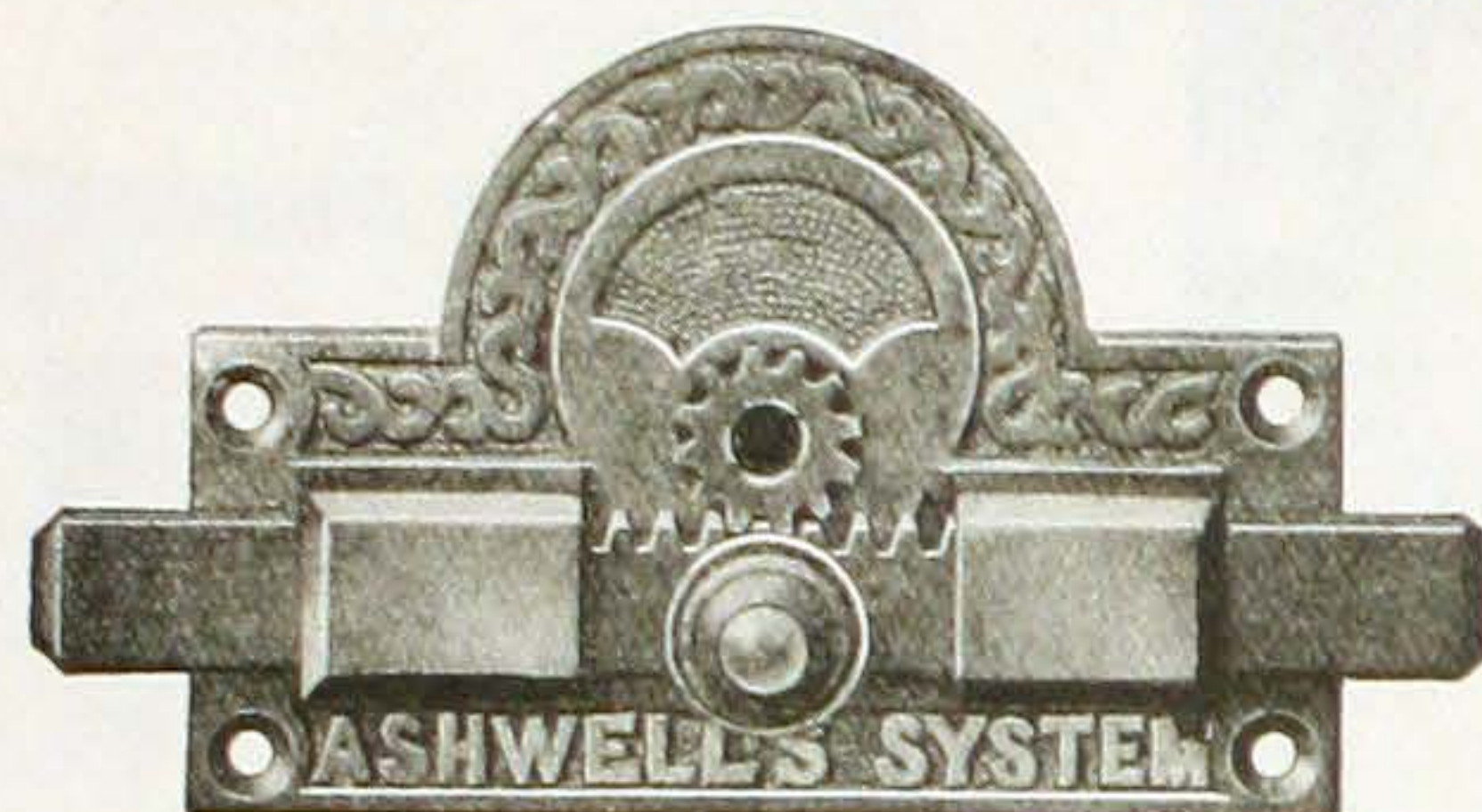
*Stocked only in Brass and B.M.A.

THE "FORWARD" PATENT INDICATING BOLT.

No. PHS*1884 These Bolts and Indicators are the most simple in construction, easy to fix, and effective in operation. Specially designed to avoid harbouring of dust.

Brass, 9/8; Brass C. B. and R., 11/3; Bronze 11/6; B.M.A. 12/- each.

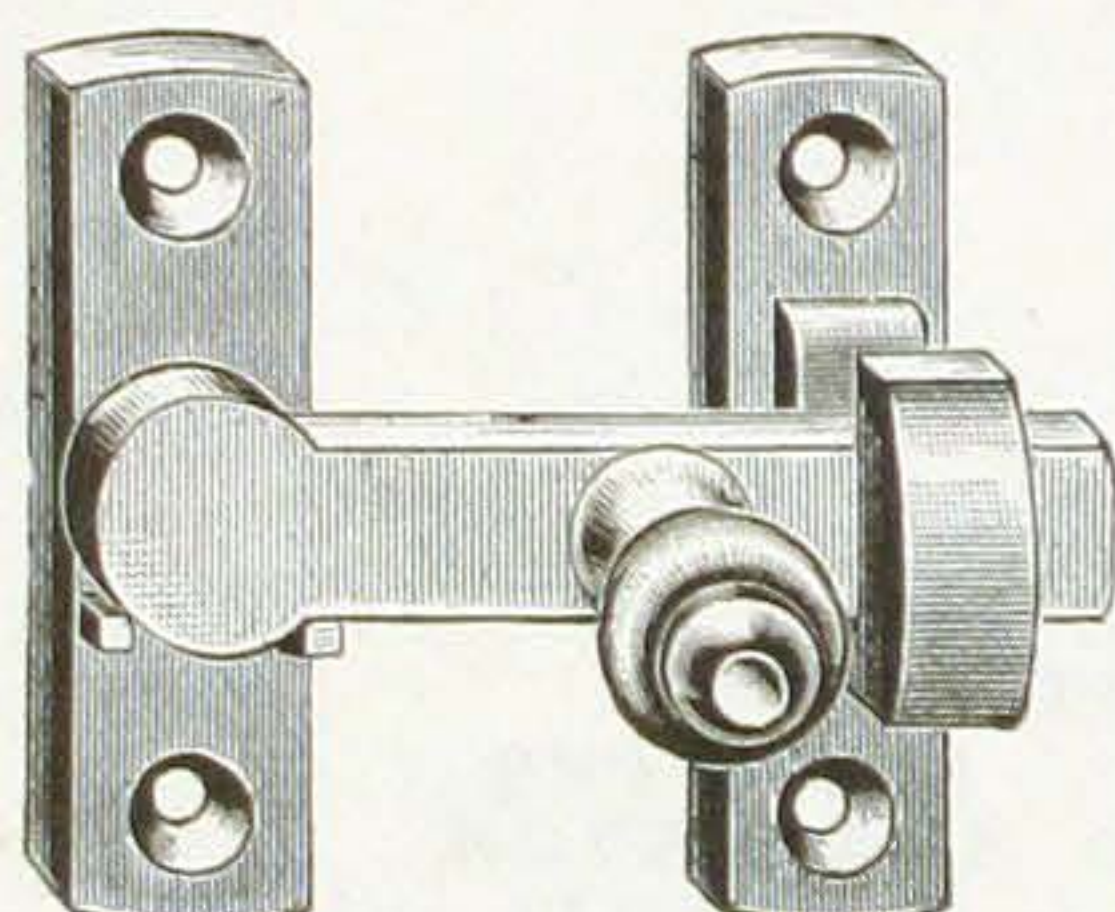
*Stocked only in Brass and B.M.A.



ASHWELL'S SYSTEM. No. PHS*1880. See above for Prices. Size of back plate, $3\frac{1}{2}$ " x $2\frac{1}{2}$ " overall. Now supplied with Oval Knob, $\frac{1}{2}$ " x $\frac{1}{4}$ ".

No. PHS*1881. Prices above. Size of back plate $3\frac{1}{2}$ " x $2\frac{1}{2}$ " overall. Length of bolt, $4\frac{1}{2}$ ". Ball Knob, $\frac{1}{2}$ " diameter with ornamented top.

No. PHS*1884 THE "FORWARD." Prices above. Indicator $2\frac{1}{2}$ " diameter. Back plate, $3\frac{1}{2}$ " x $2\frac{1}{2}$ ". Length of bolt, 4". Ball knob, $\frac{1}{2}$ ".



No. PHS 1896 Indicating Door Fastener with $2\frac{1}{2}$ " turnover bolt. Back plate, $2\frac{1}{2}$ " x $\frac{1}{2}$ ". $\frac{1}{2}$ " ball knob as shown. Cast Brass, 6/7 each. B.M.A., 7/6 each. If supplied with key to release Bolt from outside, Brass 8d. each, B.M.A., 9d. each extra. Size of Indicator, $2\frac{1}{2}$ ".



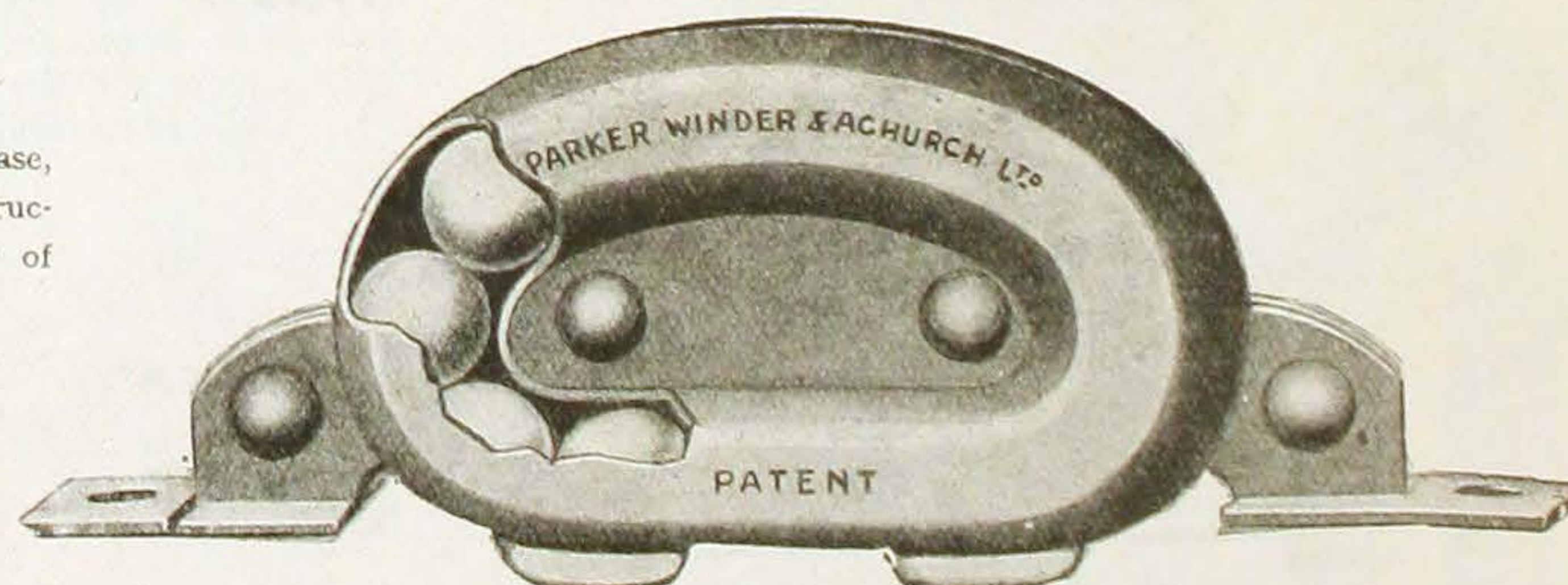
No. PHS 3108 Indicating Bolt, Plate $2\frac{1}{2}$ " wide x $2\frac{1}{2}$ " deep, length of bolt, $2\frac{1}{2}$ "; $\frac{1}{2}$ " x $\frac{1}{4}$ " thick; Size of covering Plates, $3\frac{1}{2}$ " x $1\frac{1}{2}$ " overall; knob, $\frac{1}{2}$ " diameter. Lettering in Cream Enamel. Brass, 7/6 each, Real B.M.A. 8/9 each.

"FORWARD" Patent Frictionless Door Rollers.



Section through centre of Roller and Track.

These Rollers and Track are most suitable for a Book-case, Cupboard and Light Doors generally. The special construction ensures great durability, rapidity and certainty of operation.



No. PHS 5869 Shewing Door Roller.



No. PHS 6759 Shewing Steel Track.



Shewing Wrought Steel Track.

No. PHS 5869	For heavy doors, Wrought Steel throughout, hardened steel balls. Thickness of case, $\frac{1}{2}$ ". For screws $\frac{3}{4}$ ".	No. 6	20/- dozen.
No. PHS 5870	Track, Copper Plated, Wrought Steel, in 10' 0" lengths	..	46/6 per 100 ft.
No. PHS 5869	As No. PHS 5869 but Lighter and smaller	..	9/6 dozen.
No. PHS 6759	Track for above, Copper Plated, Wrought Steel	..	38/2 per 100 ft.
No. PHS 6759	Bright Steel Frictionless Door Track, does away with fixing screws, perfectly rigid when fitted in to grooved wood. Half Round Edge	..	30/- per 100 ft.

The "Forward" Indicating Latch with Drop Bolt (Wood's Patent) Patent No. 263981

THE smooth working of a Thumb Latch with its simultaneous grip of the handle and pressure of the Thumb Bit, has become such a habit that its efficiency is not noticed. To this has been added not only the power to indicate "Vacant" or "Engaged," but to secure the door against intruders, by means of a drop bolt working on the latch bar.

SUPERSEDES MOST OTHER INDICATING BOLTS.

The failure of most indicating bolts is that too much depends upon the knob which is only rivetted into the bolt and has been known to break off, leaving the occupant a prisoner. Probably you have seen Indicating Bolts in use, where the small knob has become bent, and the bolt buckled; or again cases where either the door has dropped or warped, or the socket has not been fixed in an accurate position to receive the bolt and it takes some considerable time to make the thing work, if at all. Again should the knob have broken off you are powerless to use the bolt, and the whole thing is useless. Further, those indicating bolts working on a ratchet principle, are apt to get corroded making the movement difficult.

SIMPLICITY IN DESIGN.

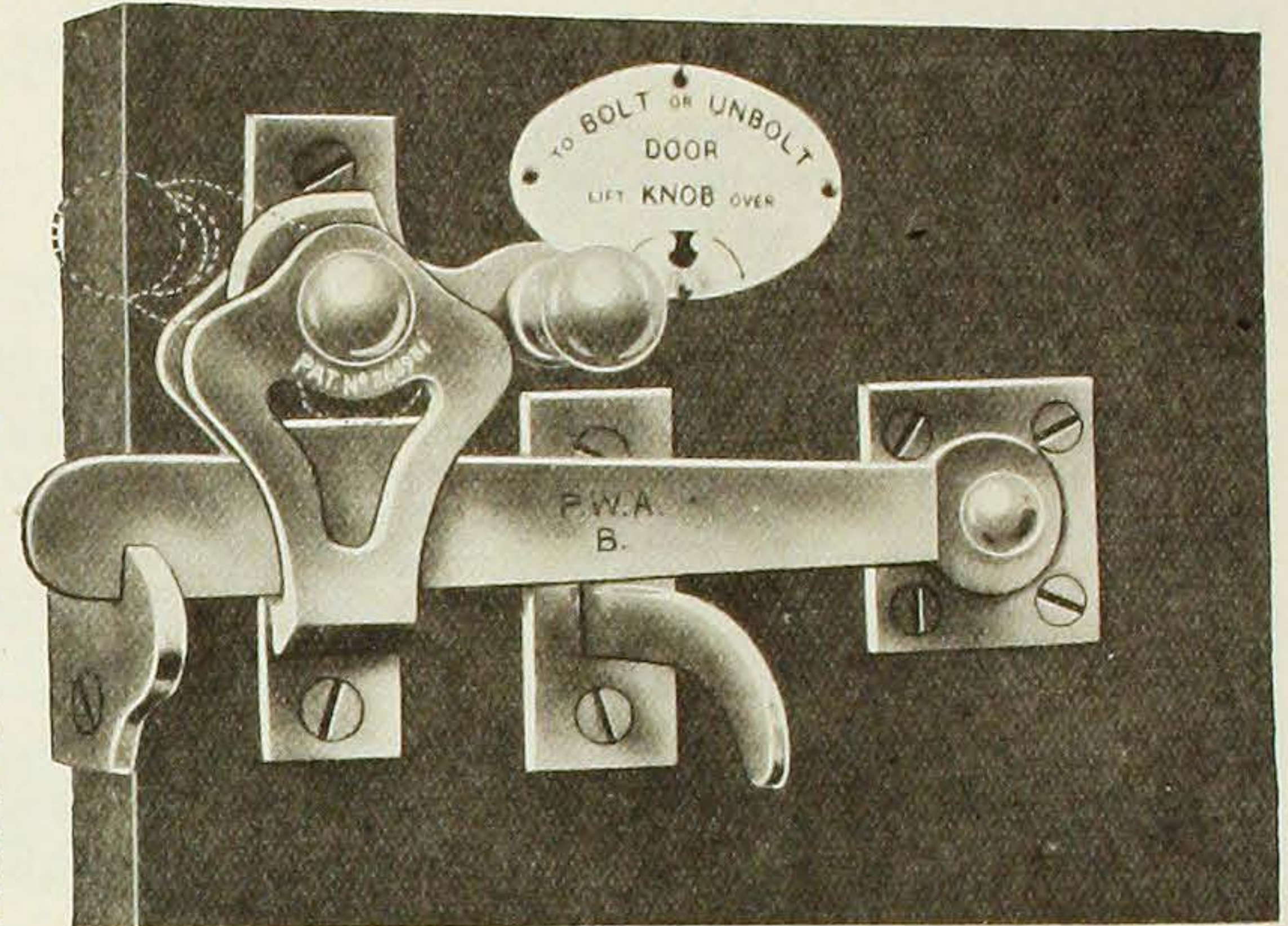
The "Forward" Indicating Latch is amazingly simple in design. Acting on the outside of the door just as an ordinary thumb latch, there is on the inside a small drop bolt which a knob enables you to turn easily. The movement of the drop bolt and the indicator on the outside of the door is instantaneous. When the indicator says "Closed" or "Engaged" it is impossible for anyone to enter, for the drop bolt bears down upon the latch bar, and the tongue or thumb piece is rendered immovable, and the latch bar cannot be lifted from the keep. In cases of illness or for other reasons admittance can be obtained by means of a small key which fits the exposed square end of the spindle attached to the drop bolt inside. This key is supplied with every set. It will be noted from the above that Indicators can be supplied indicating "Vacant" or "Engaged," and "Closed" or "Open" as desired, but whichever is required should be clearly stated when ordering.

The "Forward" Disc Indicator, can only expose, very neatly to view, one word at a time, not half-and-half. And this without excessive trouble in fixing.

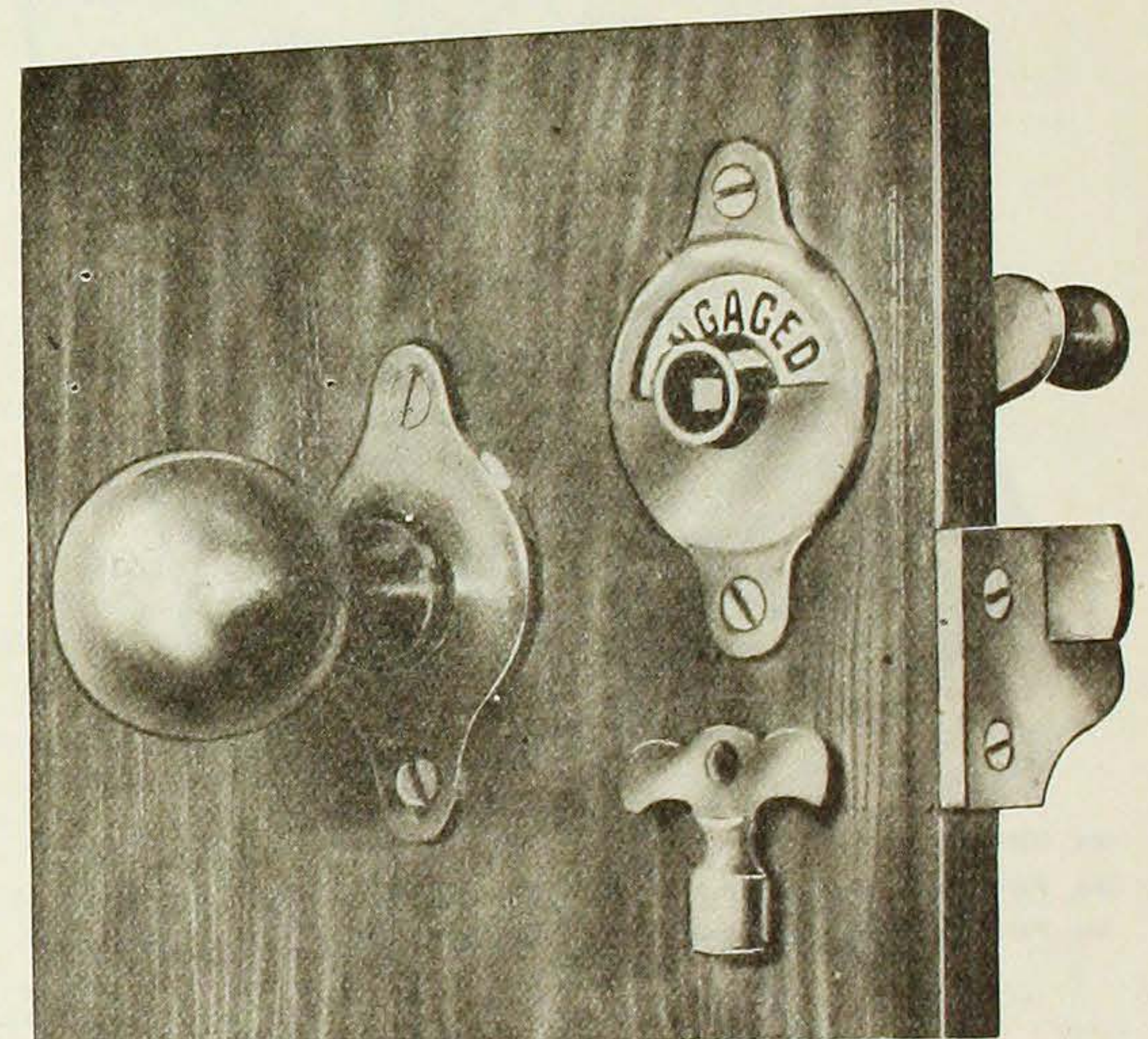
FIXING INSTRUCTIONS.

Prepare to fix as an ordinary Thumb Latch, but being careful to allow sufficient room for the Disc Indicator to function and look decent on the opening stile of the door. The exact position for the Disc Indicator can be determined by allowing the drop bolt to render the Latch Bar immovable.

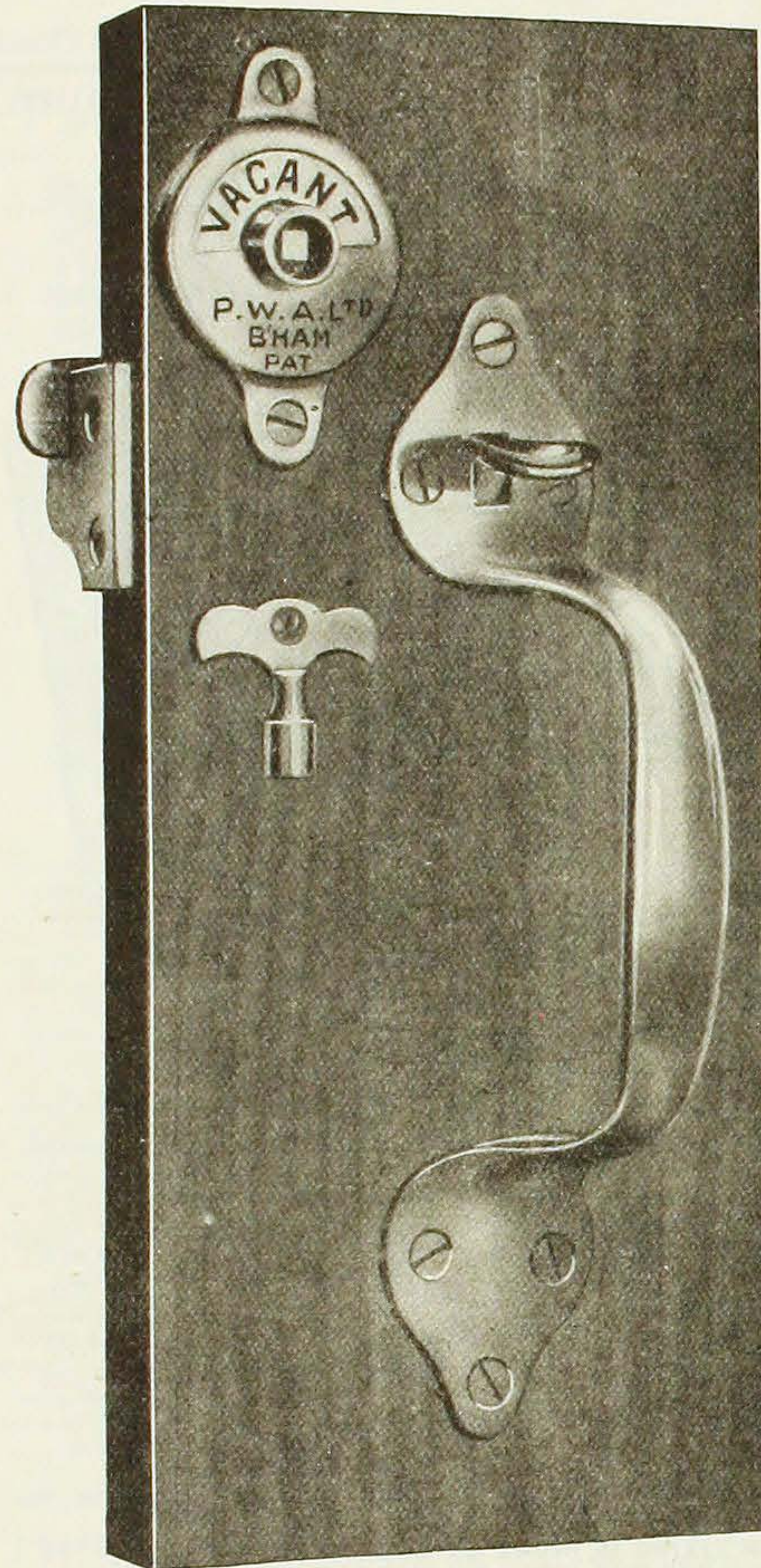
PLEASE STATE HAND OF LATCH AND THICKNESS OF DOOR, WHEN ORDERING, ALSO WHETHER INDICATORS ARE TO INDICATE "Vacant" and "Engaged," "Open" or "Shut."



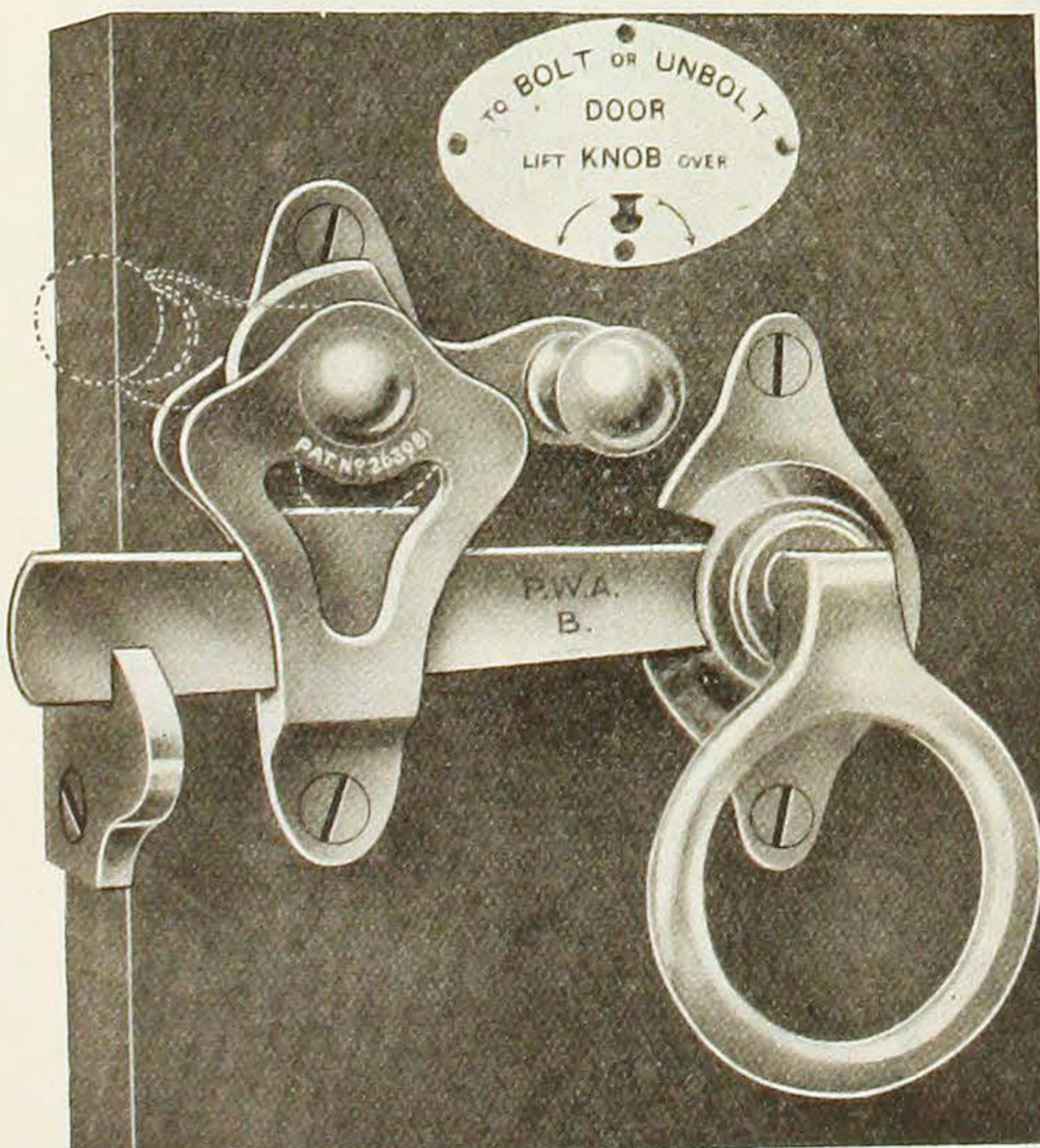
Back view of No. PHS 3100 showing the easy manipulation of the Drop Bolt. Instruction Tablet in "Ivory" measuring 2" x 1 1/4"



No. PHS 3101 Patent Indicator with pair of Ball Knobs, 1 3/8". Prices include pair of 1 3/8" Ball Knobs, Latch Furniture, 4", with Drop Bolt, Disc Indicator, 1 3/8" diameter and Key and "Ivory" Instruction Tablet, 2" x 1 1/4". Mall. Iron, art black, 11/- per set; Brass, Polished, 21/- per set; B.M.A., 25/- per set.



No. PHS 3100 "Forward" Indicating Latch, 5 1/2" with 8 1/4" Grip Handle, Disc, 1 1/2" diameter. Prices include 8 1/4" Thumb Latch and 5 1/2" Furniture with Drop Bolt, Disc Indicator, 1 1/2" and Key and Tablet "To Bolt or Unbolt Door" in "Ivory" measuring 2" x 1 1/4". Mall. Iron, art black, 8/- per set; Brass, Polished, 17/- per set; B.M.A., 21/- per set.



No. PHS 3102 Patent Indicator with Drop Ring Handle and Latch Bar, 4 1/4" one side, and knob the other. Prices include Drop Ring Handle, 2 3/8" diameter, and Knob, 1 3/8", Latch Furniture, 4 1/4" with Drop Bolt, Disc Indicator 1 3/8" diameter, and Key and Instruction Tablet in "Ivory" 2" x 1 1/4". Mall. Iron, art black, 9/- per set; Brass, Polished, 19/- per set; B.M.A., 23/- per set.

Various uses for a "telling" proposition

AT HOME

So cheap that it merits being used on W.C. doors at home, where, especially when you have visitors, embarrassing situations do sometimes occur.

AT THE OFFICE, FACTORY, OR WORKSHOP

Cheaper than most other Indicating Bolts, and for Factory or Workshop use, need be the only fitting on the W.C. doors, dispensing with Lock and Lock Furniture.

FOR BANKS, SHOPS, HOTELS, RESTAURANTS, Etc.

Indicating "Open" or "Closed." Particularly useful on the early closing day, or during the lunch interval. Billiard and similar rooms in Hotels engaged privately need some indication "Engaged" or "Vacant."

FOR RAILWAY STATIONS & PUBLIC CONVENIENCES

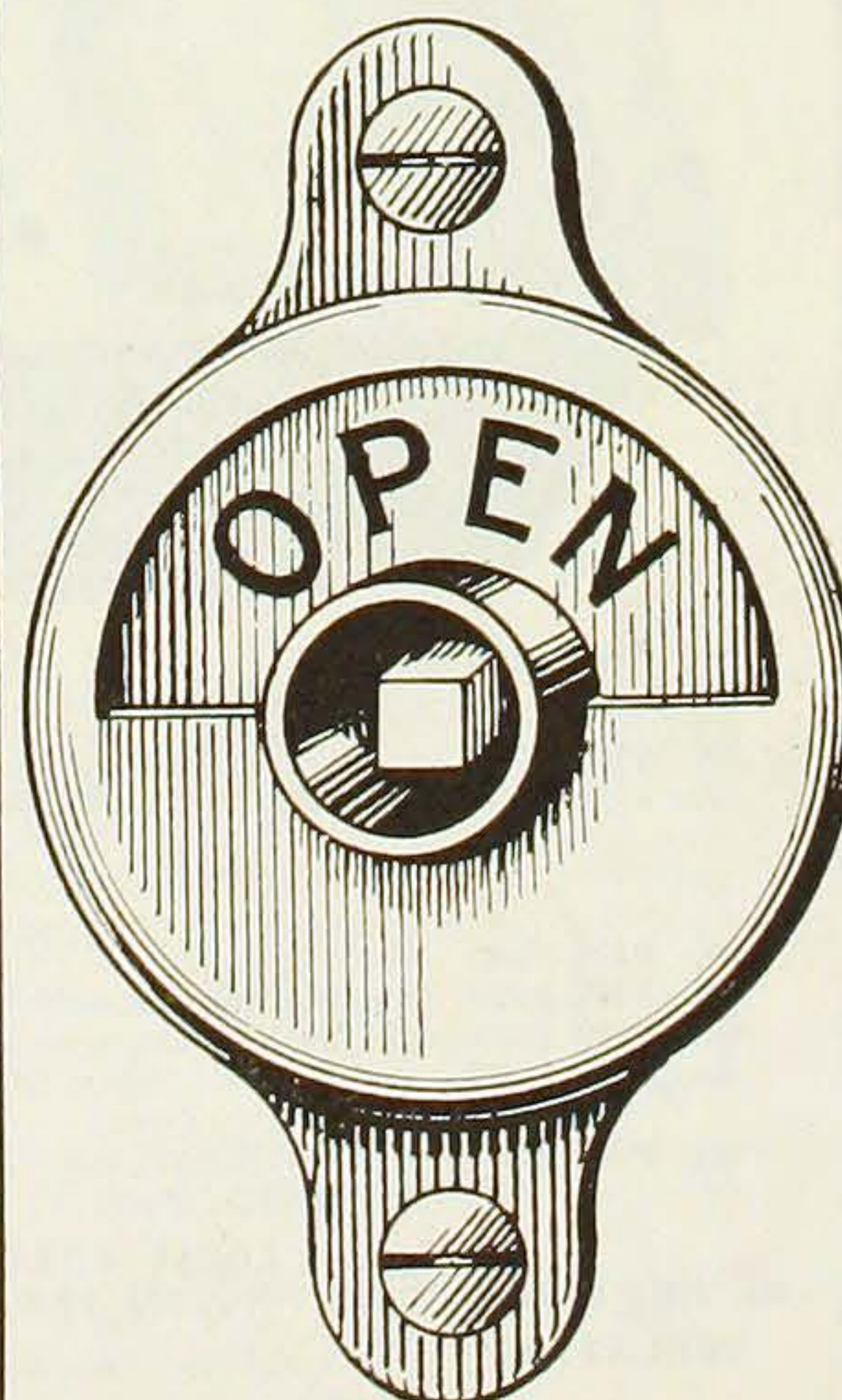
where it is not required to take coins, what could be a less expensive fitting?

RAILWAY TRAINS

The "Forward" Indicating Thumb Latch is just the thing for lavatory doors on trains.

FOR SCHOOLS, SPORTS PAVILIONS, Etc.

In places where through lack of timely attention, Indicating Bolts working on a ratchet principle would tend to get corroded and become un-workable, the "Forward" is the ideal substitute. It is not stiff to work and needs no attention.



The "FORWARD" Patent Floor Spring, Double Action with Bushed Brass Shoe.

These Floor Springs possess advantages over any others in the market.

The Strength of Springs can be regulated as required.

The Door is held rigidly at the closing point.

The force of Spring diminishes as door opens, allowing a comfortable passage through; a great advantage especially to Ladies and Children.

They are the most durable Floor Springs extant, and are especially suitable for Public Buildings and Institutions, Hotels, Schools, Theatres, Offices, etc.

Architects are invited to test them in competition with any other Springs made. This Spring has a Double Acting Cam which gives it Double the ordinary Durability.

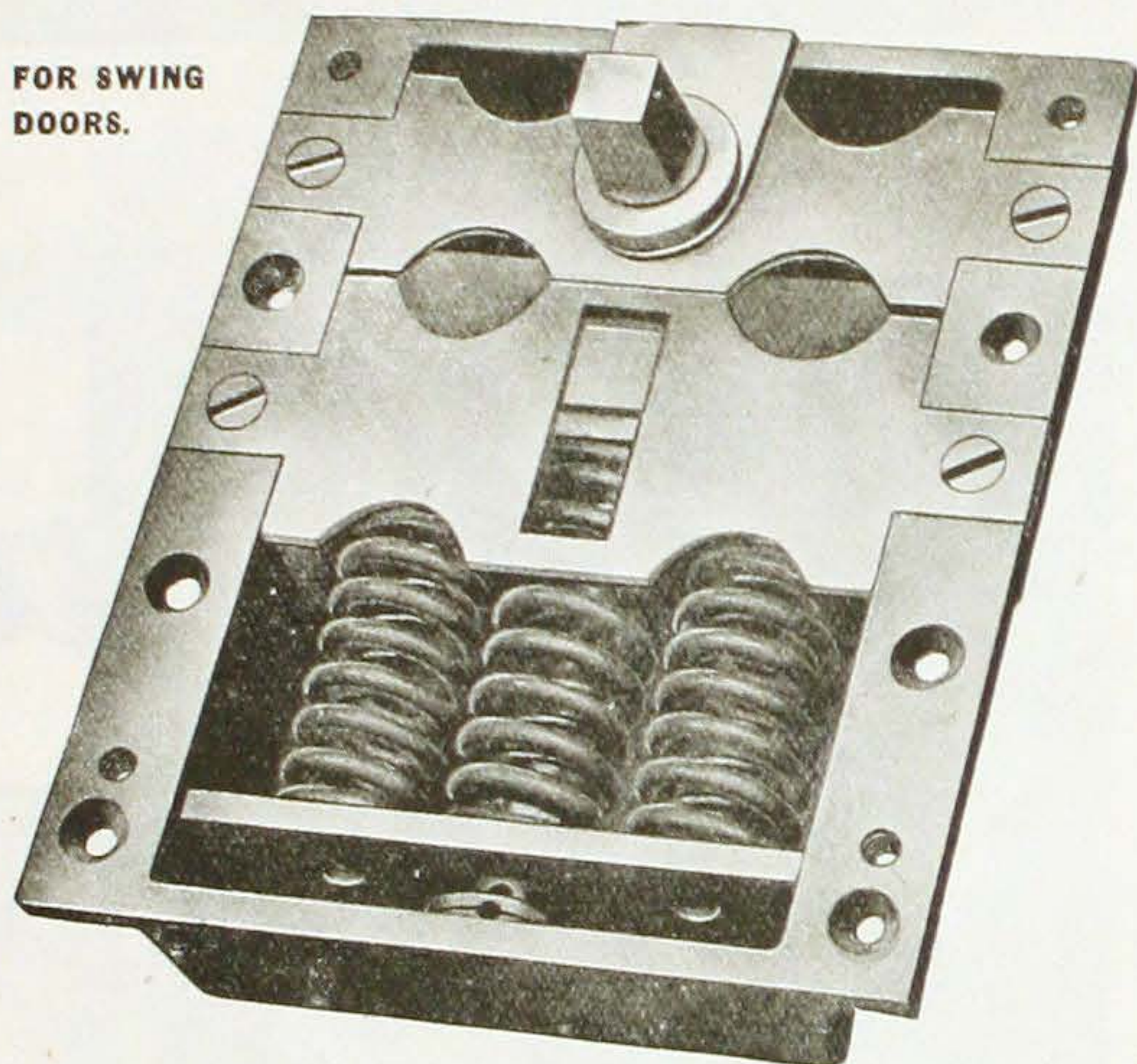
The door is held firmly in centre, when closed, which prevents rocking.

A Regulator is also provided by which the strength of spring may be increased or diminished.

Adjustable Top Centres and Adjustable Shoes can be supplied if required, also loose boxes for fixing in stone or concrete.

The Adjustable Shoe allows the door to be adjusted to its centre with the greatest of ease and accuracy, and by means of the Adjustable Top Centre to be readily pulled up when centre is worn and there is an inclination to drop.

FOR SWING DOORS.



No. PHQ 2800	For Light Doors.	No. PHQ 2803	For Heavy Doors.
No. PHQ 2801	For Medium Doors.	No. PHQ 2804	For Extra Heavy Doors
No. PHQ 2802	For Medium Doors.	No. PHQ 2805	For Bank Doors.

Size of Box With Iron Lth. Wth. Dth. Strap. 1 1/4"		If with Bushed Brass Shoe					Extra for all Exposed parts B.M.A.
		1 1/4"	1 1/2"	2"	2 1/4"	2 1/2"	
PHQ 2800	6 1/2 x 4 1/2 x 1 1/4	32/-	36/-	36/-	37/4	37/4	5/2
PHQ 2801	7 1/2 x 4 1/2 x 2"	44/-	48/-	48/-	49/4	49/4	5/2
PHQ 2802	8 1/2 x 5 1/2 x 2"	51/-	55/-	56/4	56/4	56/4	6/-
PHQ 2803	9 1/2 x 5 1/2 x 2 1/4	66/-	70/-	71/4	71/4	72/8	6/10
PHQ 2804	8 1/2 x 7 1/2 x 2 1/4	87/-	91/-	92/4	92/4	93/8	8/6
PHQ 2805	9 1/2 x 8 1/2 x 2 1/4	116/-	124/6	126/8	126/8	128/-	8/6

With Shallow Box, Double Action, for Swing Doors.

Size of Box. Lth. Wth. Dth.		If with Bushed Brass Shoe		
		With Iron Strap. up to 1 1/4"	over 1 1/4" tk.	
PHQ 3052	8 x 5 1/2 x 1 1/2	52/-	56/-	57/4
PHQ 3053	9 x 7 x 1 1/2	68/-	72/-	73/4

Extra for all Exposed Parts, B.M.A.

No. PHQ 3052 6/-; No. PHQ 3053 6/10 each.

If with Adjustable Top Centre, illustrated on page 109, 7/- each extra.

If with Adjustable Shoes, 14/- extra to price of ordinary Shoes.

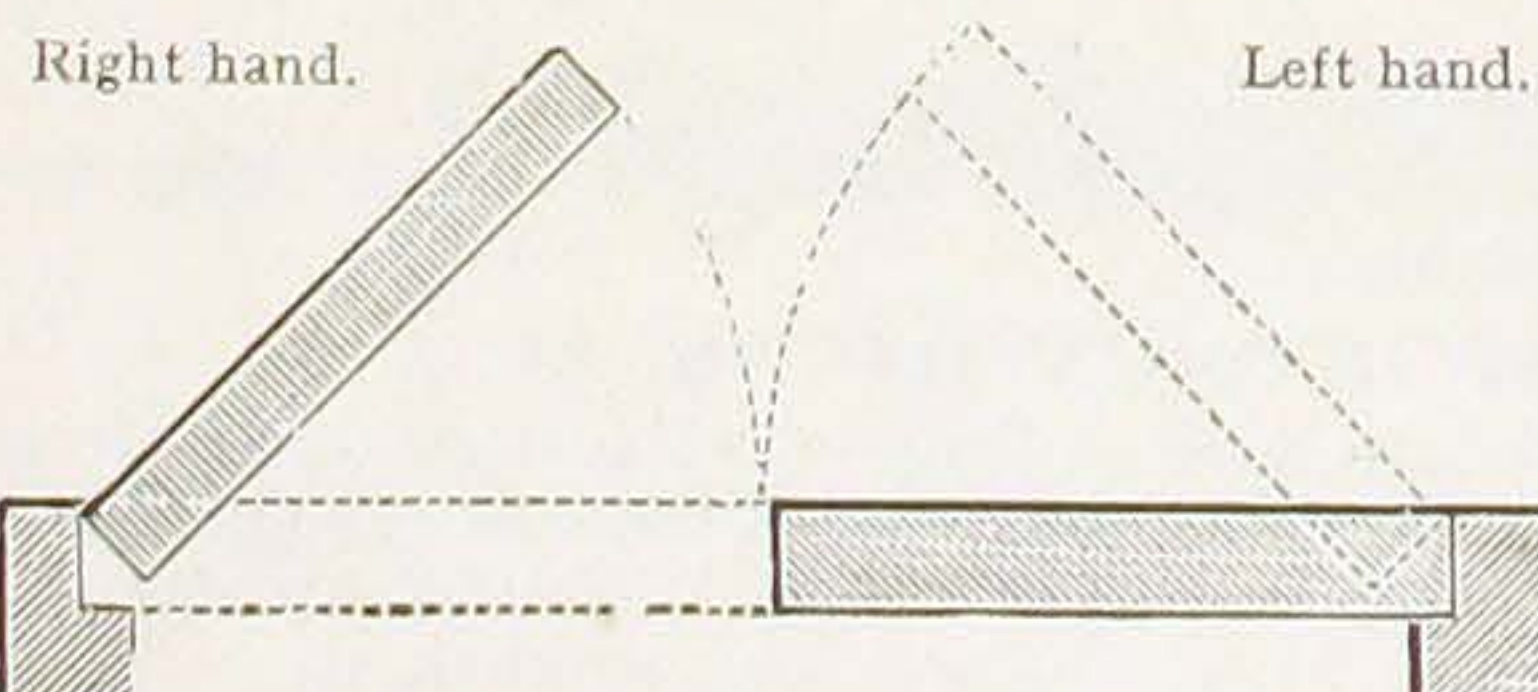
Loose Boxes, for fixing in stone or concrete—

No. PHQ 2800	2801	2802	2803	2804	2805	3052	3053
7/4	8/8	9/4	11/-	11/6	13/-	9/-	11/-

each, extra.

Single Action Door Springs.

IMPORTANT.—WHEN ORDERING any Single Action Door Spring state whether doors are right or left hand as may be known from this diagram.



All the above Springs can be made to keep door open at right angles if so ordered.

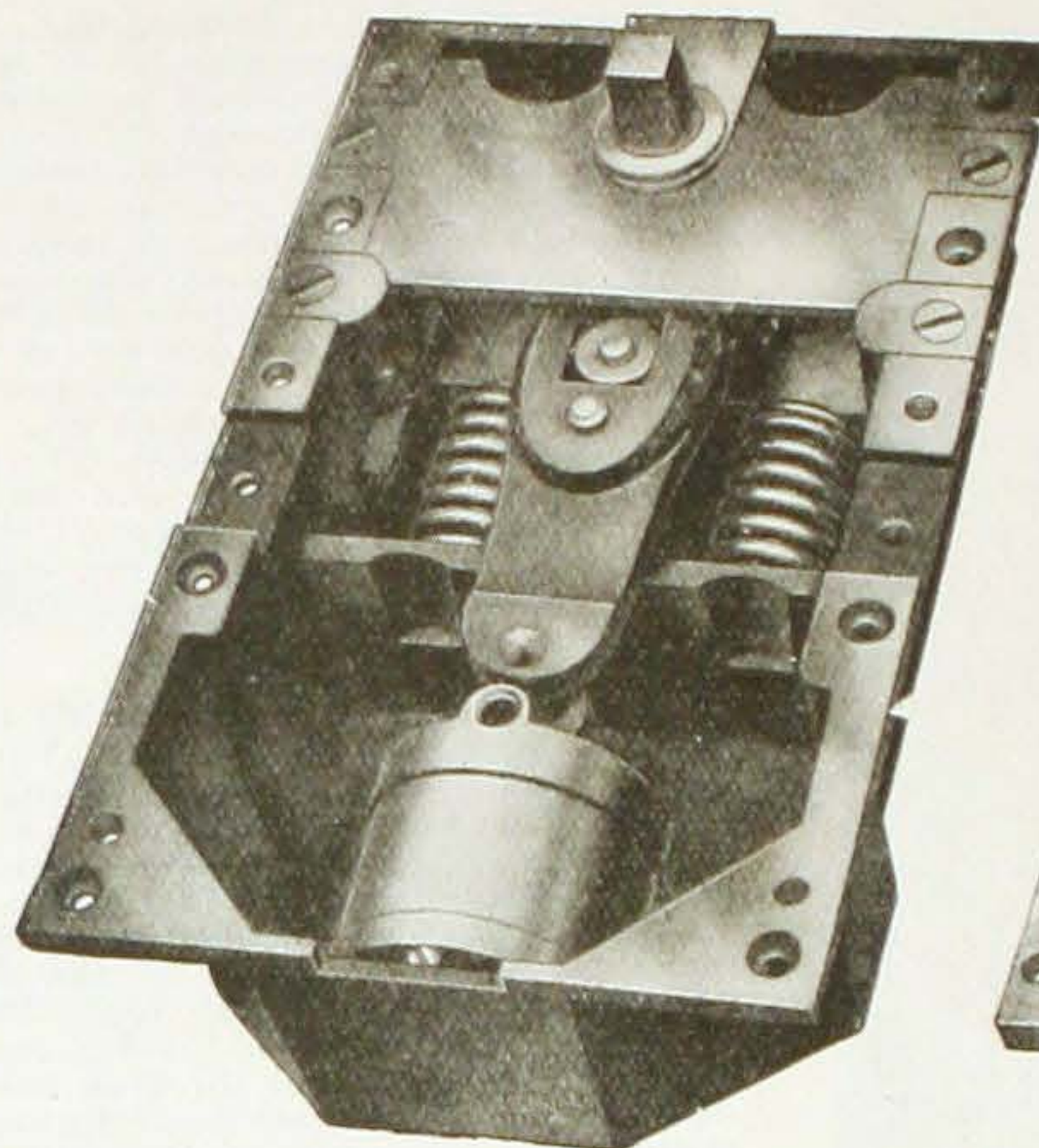
"B" Basis.

The "FORWARD" Patent Floor Springs, Double Action with Check (reducing wear on Spring to a minimum).

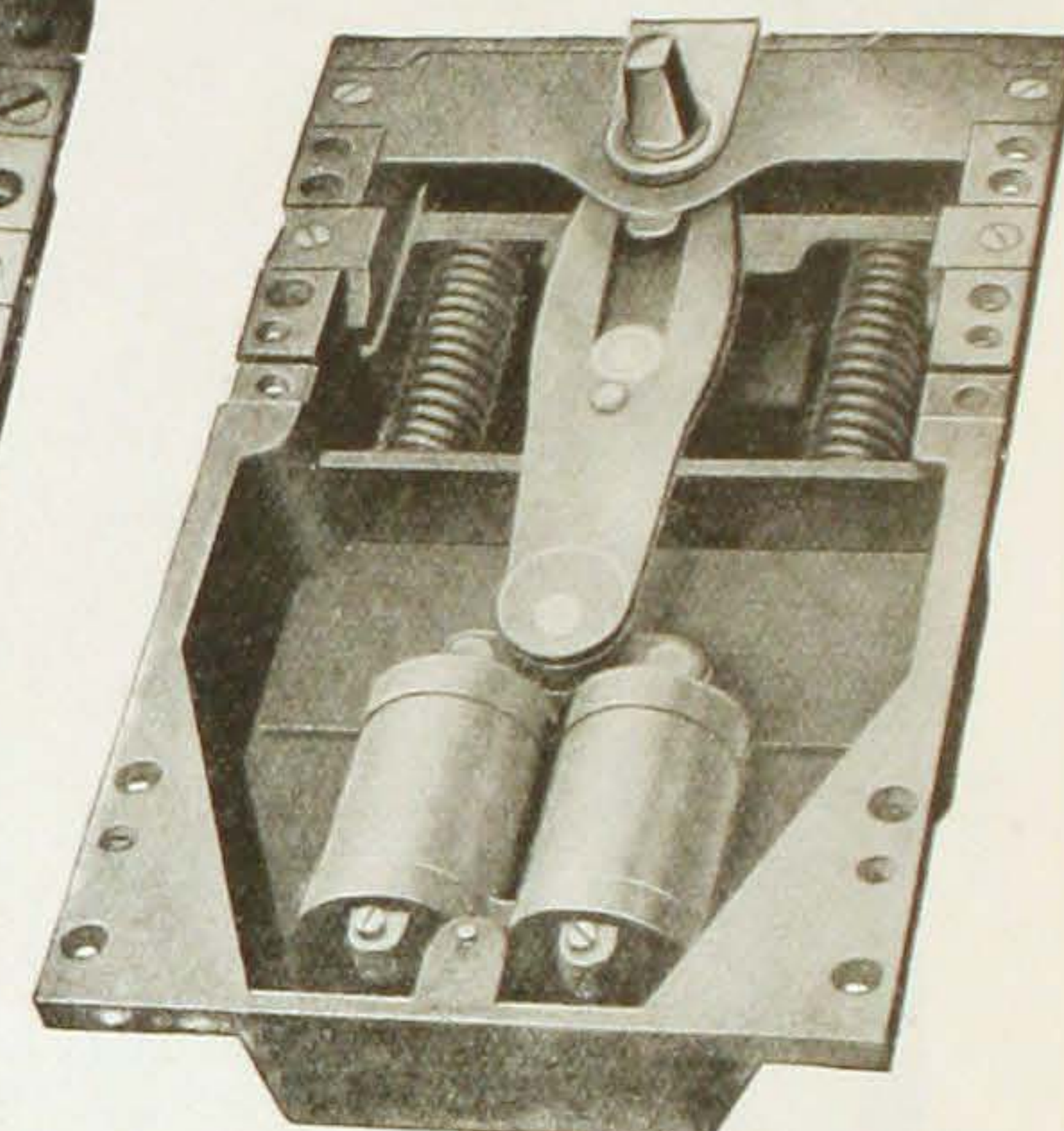
Specially suitable for places where silence is desirable, and where the violent closing of doors is a constant danger. Checks are fitted with regulating screw to close door fast or slowly. If cleaning or repairing is necessary, checks can be taken out of box, and spring will continue to work door perfectly in the ordinary manner.

SHALLOW BOX.

Nos. PHQ 3054 and 3055 have been designed to get a Double Action Door Spring with Pneumatic Check in a Shallow Box.



No. PHQ 2806 Series Double Action with Check to close Swing Doors quietly to centre.



No. PHQ 3054 Series PHQ 3055 illustrated Double Action with Check in Shallow Box for Swing Doors.

No.	PHQ	Description	Size of Box.			Each.	Extra for all Exposed Parts, B.M.A.
			Length.	Width.	Depth.		
No. PHQ 2806		For Light Doors	11"	7 1/2"	4"	122/-	6/10 each.
No. PHQ 2826		For Medium Doors	12 1/2"	8"	4"	136/-	8/6 "
No. PHQ 2807		For Heavy Doors	14"	9"	4"	151/-	8/6 "

Prices include Adjustable Brass Shoe, any size. Adjustable Top Centre, illustrated on page 109, 7/- each extra.

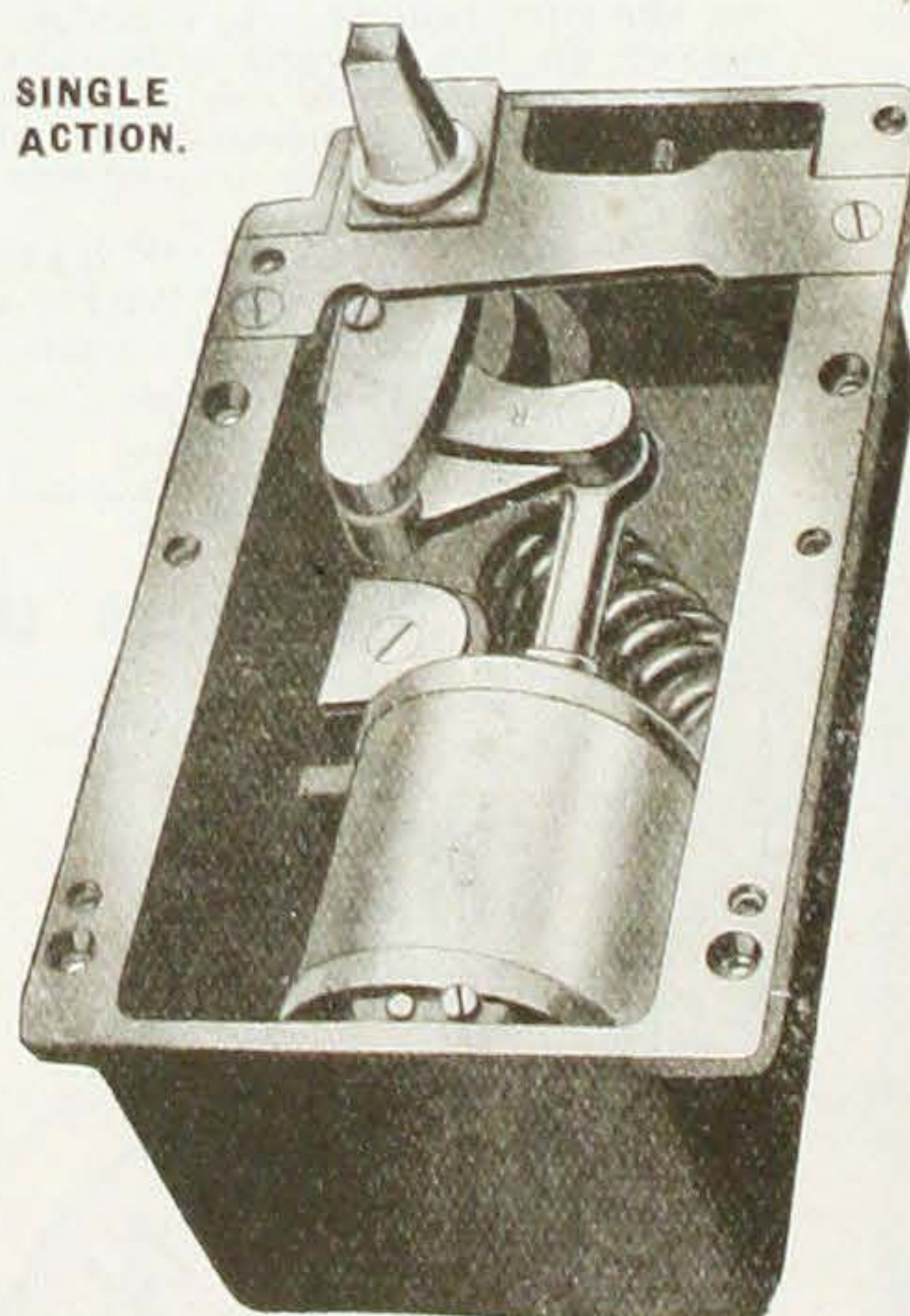
No.	PHQ	Description	Size of Box.			Each.	Extra for all Exposed Parts, B.M.A.
			Length.	Width.	Depth.		
No. PHQ 3054		For Ordinary size Doors	15"	9 1/2"	3"	145/-	8/6 each.
No. PHQ 3055		For Ordinary size Doors	15"	9 1/2"	2 1/4"	145/-	8/6 "

Prices include Ordinary Top Centre and Adjustable Brass Shoe any size. Adjustable Top Centre, illustrated on page 109, 7/- each extra.

LOOSE BOXES FOR FIXING IN STONE OR CONCRETE.

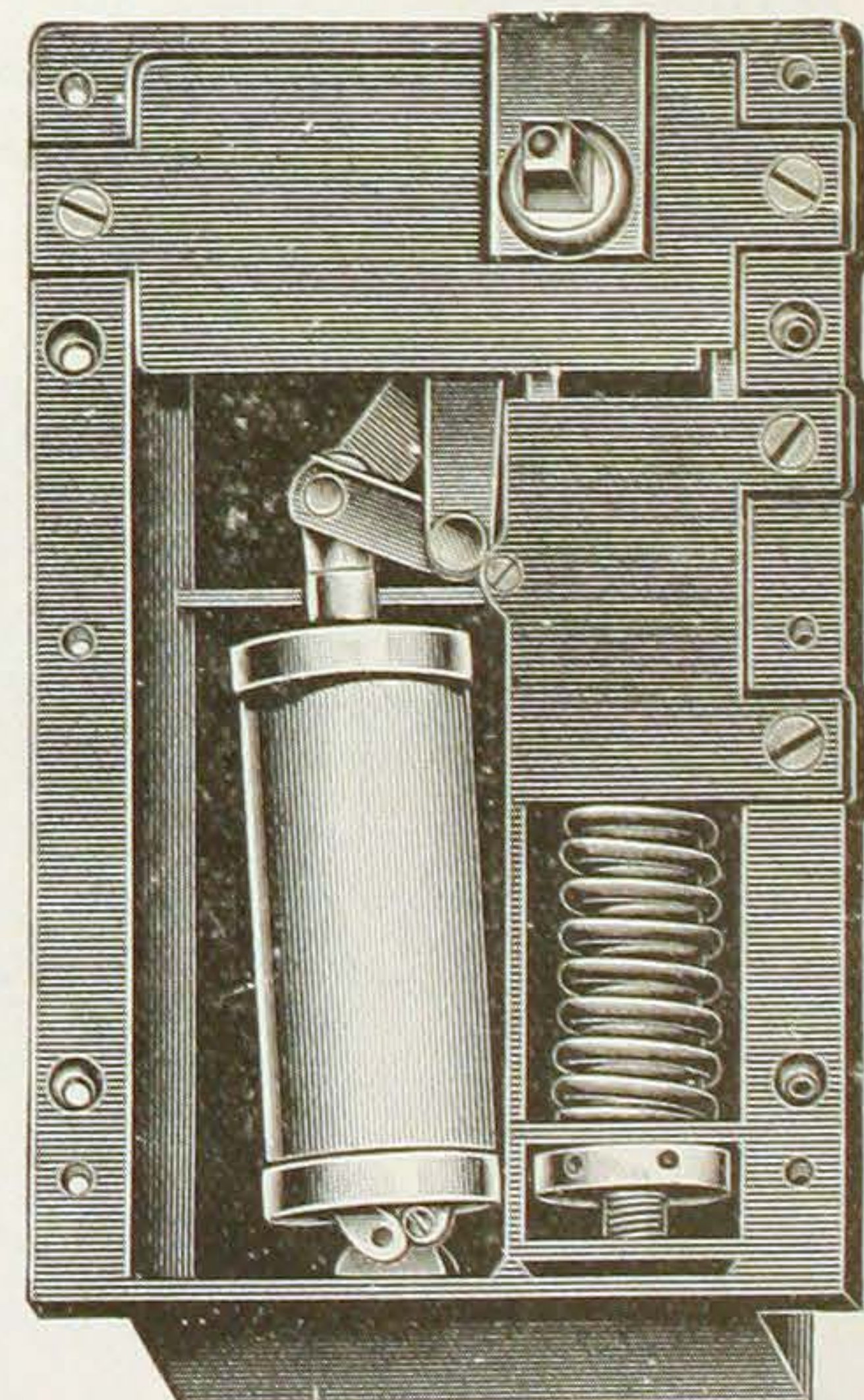
No. PHQ 2806 15/4; No. PHQ 2826 17/4; No. PHQ 2807 19/-; Nos. PHQ 3054 and PHQ 3055 20/- extra.

SINGLE ACTION.



No. PHQ 2808 Series. Single Action with Check to close doors quietly to centre.

No. PHQ 3056 on right is a Single Action with Check, of different design, to fit Shallow Box.



No. PHQ 3056 The "Spur."

No.	PHQ	Description	Size of Box.			Each.	Extra for all Exposed Parts, B.M.A.
			Length.	Width.	Depth.		
No. PHQ 2808		For Light Doors	9 1/2"	5 1/2"	3 1/2"	74/-	6/- each.
No. PHQ 2809		For Medium Doors	10 1/2"	6 1/2"	4"	90/-	6/10 "
No. PHQ 2810		For Heavy Doors	11 1/2"	6 1/2"	4 in	110/-	8/6 "
No. PHQ 2897		For Extra Large and Heavy Doors	14"	8 1/2"	5"	160/-	12/9 "
No. PHQ 3056		For Ordinary Doors	12"	7 1/2"	2 1/4"	100/-	8/6 "

Prices include Ordinary Top Centre and Brass Shoe, to fit any size door.

LOOSE BOXES FOR FIXING IN STONE OR CONCRETE.

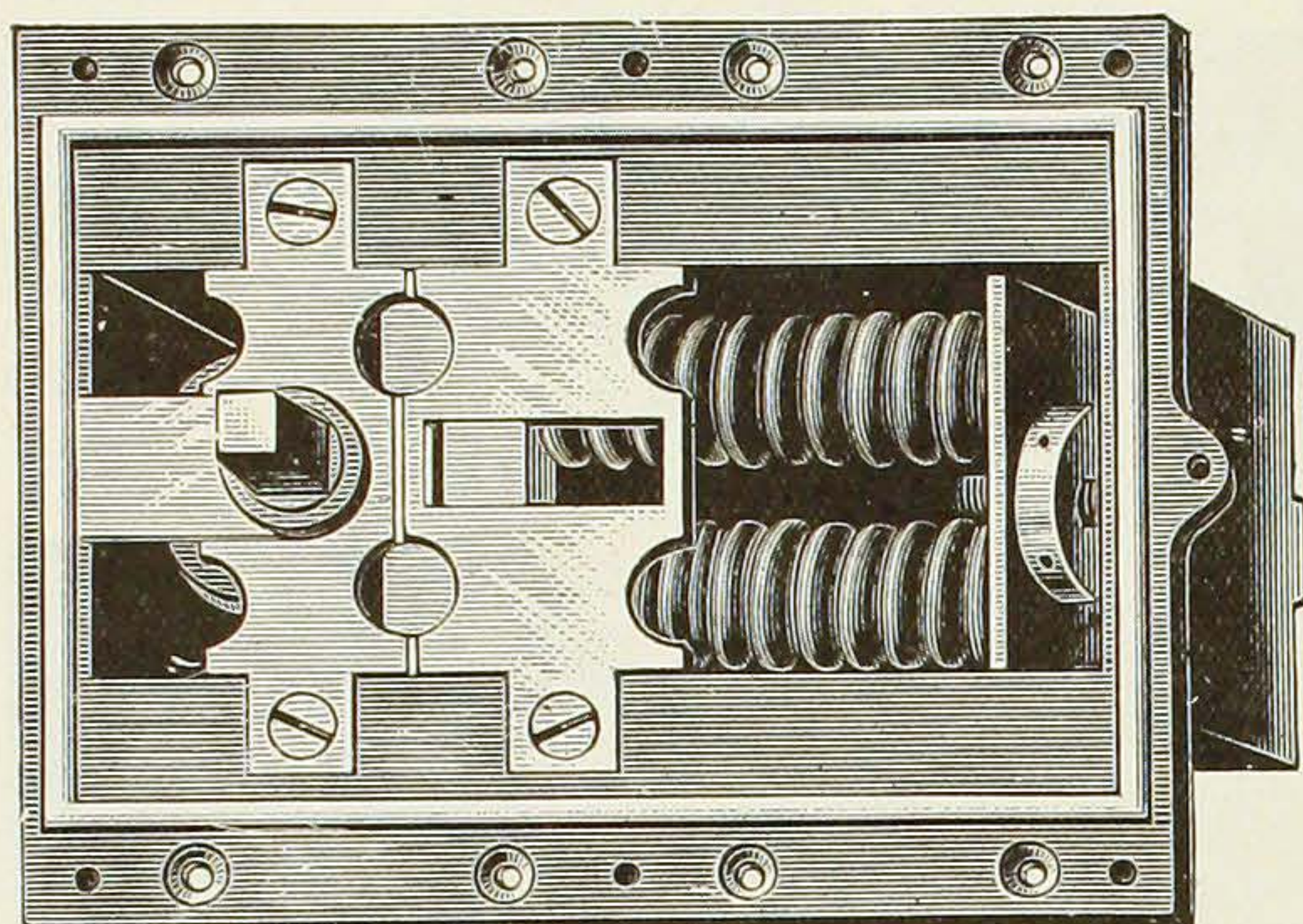
No. PHQ 2808 9/4; No. PHQ 2809 10/8; No. PHQ 2810 13/-; No. PHQ 2897 20/-; No. PHQ 3056 11/4 extra.

IMPORTANT.—When ordering Single Action Springs state whether doors are Right or Left Hand (see diagram opposite).

All PHQ—Quick Delivery.

The "Forward" Patent Watertight Floor Springs

PRICED EACH.



No. PHQ 2813 Quarter Size.

This Spring possesses all the advantages of the ordinary "Forward" Patent Spring and in addition has a grooved channel running round the flange of the Box, which is filled by rubber, or some other substance. When the brass cover plate is screwed down on to the Box, the rubber is pressed down tightly by the brass plate, and forms perfect packing for preventing water getting into the Box. This invention has been introduced at the suggestions of eminent Architects, for Council Schools, Institutions, Hotels, etc., where the floors are frequently washed and much trouble has been caused through water entering into ordinary Springs, forcing the oil out, and rusting the inner parts, thus causing breakages and defective action.

That it has been completely satisfactory is shown by its adoption, after severe tests, by several Education Committees, and its being largely specified by leading Architects throughout the country.

The construction of the working parts ensures certainty of action in keeping Doors closed rigidly to the centre; but as the Door is pushed open the power diminishes, and allows comfortable passage through. The Door returns quietly till within a little distance from centre, when the power of the Spring is exerted, and the Door firmly closed in spite of wind.

The Watertight Floor Spring, with Pneumatic Check, is especially suitable for use in Churches, Hospitals, Law Courts, Theatres, Concert Halls, and wherever silence is indispensable, as well as in Infant Schools, where the violent closing of doors is a constant danger to the little ones.

FOR SWING DOORS WITHOUT CHECK ACTION.

No.	Style of Door.	With Brass Plate and Shoe.	Extra for all Exposed Parts, B.M.A.
PHQ 2812	For Light and Medium Doors (Box 9½" long × 7½" wide × 1½" deep. Plate 9½" × 7½")	91/-	6/10
PHQ 2813	For Heavy Doors (Box 9½" long × 7½" wide × 2" deep. Plate 10" × 8½")	109/-	8/6
PHQ 2814	For Bank and very Heavy Doors (Box 11" long × 11½" wide × 4½" deep. Plate 11½" × 11½")	168/-	10/3

The prices include specially made Long and Deep Adjustable Shoe, any size. Loose Boxes for fixing in stone or concrete—

No. PHQ 2812 11/- each. No. PHQ 2813 13/- each. No. PHQ 2814 15/- each.

FOR SWING DOORS WITH CHECK. To close doors quietly to centre and reducing wear on Spring to a minimum.

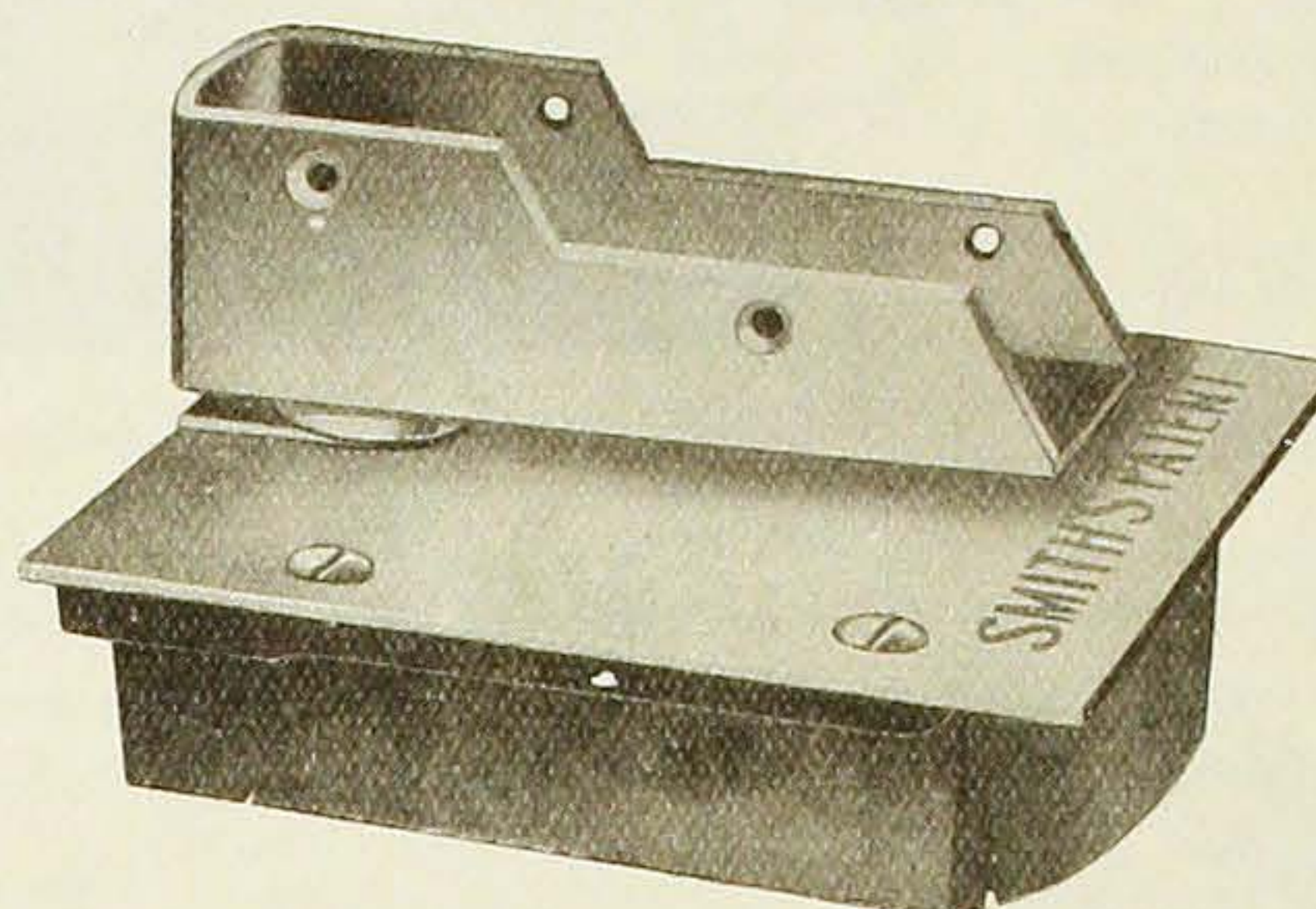
No.	Style of Door.	With Brass Plate and Shoe.	Extra for all Exposed Parts, B.M.A.
No. PHQ 2816	For any Ordinary size Door (Box 13" long × 10½" wide × 4½" deep. Plate 13½" × 10½") With specially made long and deep Adjustable Shoe, any size, inclusive.	170/-	10/3
Loose Boxes for fixing in stone or concrete, 20/- each.			

FOR SINGLE-ACTION DOORS WITH CHECK. To close without noise.

No.	Style of Door.	With Brass Plate and Shoe.	Extra for all Exposed Parts, B.M.A.
No. PHQ 2817	For Medium Doors (Box 12½" long × 8½" wide × 4½" deep. Plate 12½" × 9½") Loose Boxes for fixing in stone or concrete, 15/- each.	120/-	8/6

Smith's Floor Springs

PRICED EACH.



OUTSIDE AND INSIDE VIEW OF No. PHQ 2830

No. PHQ 2827	For Counter Doors.	No. PHQ 2830	For Medium Doors.
No. PHQ 2828	For very Light Doors.	No. PHQ 2831	For Heavy Doors.
No. PHQ 2829	For Light Doors.	No. PHQ 2832	For Heavy Doors.
No. PHQ 3051	For Light Doors.	No. PHQ 2833	For very Heavy Doors.

No.	PHQ	Brass Plate	Depth.	Strap.	With Iron							
					1½"	1½"	1½"	2"	2½"	2½"	2½"	2½"
No. PHQ 2827	3½" × 3½"	..	1½"	20/-	—	—	—	—	—	—	—	—
No. PHQ 2828	4½" × 5"	..	1½"	26/-	31/-	—	—	—	—	—	—	—
No. PHQ 2829	5½" × 5½"	..	2½"	34/-	39/-	39/-	40/-	40/-	40/-	40/-	—	—
No. PHQ 3051	6½" × 6½"	..	2½"	37/-	42/-	42/-	43/-	43/-	43/-	43/-	—	—
No. PHQ 2830	7½" × 6½"	..	2½"	42/-	47/-	47/-	48/-	48/-	48/-	48/-	—	—
No. PHQ 2831	8½" × 7½"	..	2½"	51/-	—	56/-	57/-	57/-	57/-	57/-	59/-	—
No. PHQ 2832	9½" × 8½"	..	2½"	74/-	—	79/-	80/-	80/-	80/-	80/-	82/-	—
No. PHQ 2833	9½" × 9½"	..	3½"	84/-	—	81/-	91/-	91/-	91/-	91/-	93/-	—

If with Adjustable Top Centre as shown on page 109, 7/- extra.
If with Adjustable Shoe, 14/- extra to price of Ordinary Shoe.

Extra for all Exposed Parts, B.M.A.

No. PHQ	2827	2828	2829	3051	2830	2831	2832	2833
	4/3	5/2	5/2	5/2	6/10	7/8	8/6	13/4 each.

Loose Boxes are supplied for fixing in stone or concrete—

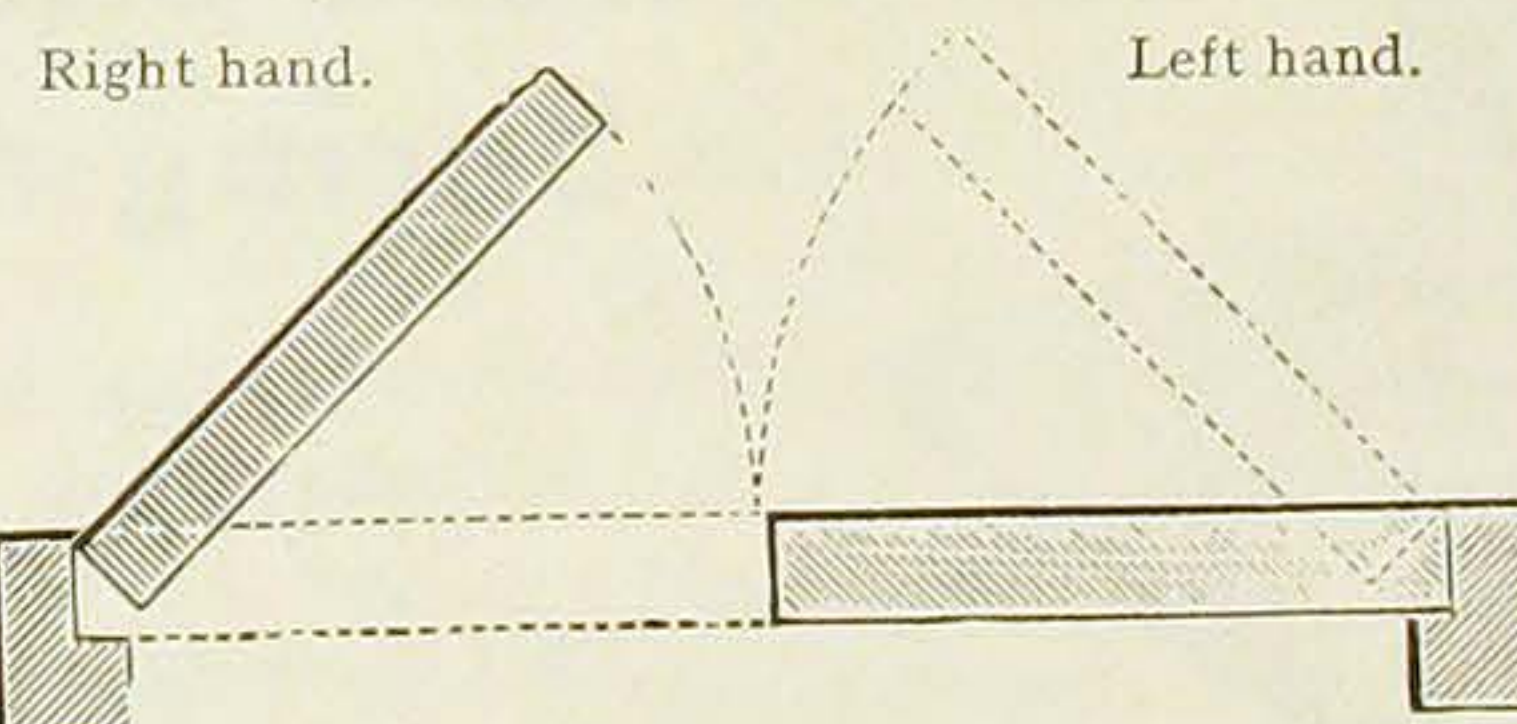
No. PHQ	2827	2828	2829	3051	2830	2831	2832	2833
	Not Made.	6/4	7/-	7/9	8/4	9/-	11/4	13/4 each.

SMITH'S PATTERN with Shallow Box to fix in 1½" depth.

No. PHQ 2834 With Brass Plate 9" × 7½" complete with Bushed Brass Shoe, any size, 56/- each.
If with Adjustable Top Centre, as illustrated on page 109, 7/- extra.
If with Adjustable Shoe, 14/- extra to price of Ordinary Shoe.

Loose Box for fixing in stone or concrete 7/- extra. Extra for all Exposed Parts, B.M.A., 7/8 each. Height and width, as well as thickness of door should be stated and the Spring will be sent adjusted to suitable strength. This Door Spring is specially made to fix in floor over Iron Girders, and is only 1½" deep overall.

IMPORTANT: WHEN ORDERING SINGLE ACTION SPRINGS.



When ordering No. PHQ 2817 or any Single-Action Door Spring state whether doors are right or left hand as may be known from this diagram.

"Climax" Floor Springs

Brass Plate. With Iron Strap. If with Bushed Brass Shoe.

No.	PHQ	For	Brass Plate.	Depth.	Strap.	1½"	1½"	1½"	2"	2½"	2½"	2½"
PHQ 2820	2820	For very light doors	7½" × 4½"	1½"	28/-	—	—	—	—	—	—	—
PHQ 2821	2821	For light doors	7½" × 4½"	2½"	32/-	37/-	37/-	38/-	—	—	—	—
PHQ 2822	2822	For medium doors	8½" × 4½"	2½"	36/-	41/-	41/-	42/-	42/-	—	—	—
PHQ 2823	2823	"	9½" × 5½"	3½"	44/-	—	49/-	50/-	50/-	50/-	—	—
PHQ 2824	2824	For heavy doors	10½" × 5½"	3½"	56/-	—	61/-	62/-	62/-	62/-	64/-	—
PHQ 2825	2825	For ex. heavy doors	10½" × 5½"	3½"	62/-	—	68/-	68/-	68/-	68/-	70/-	—

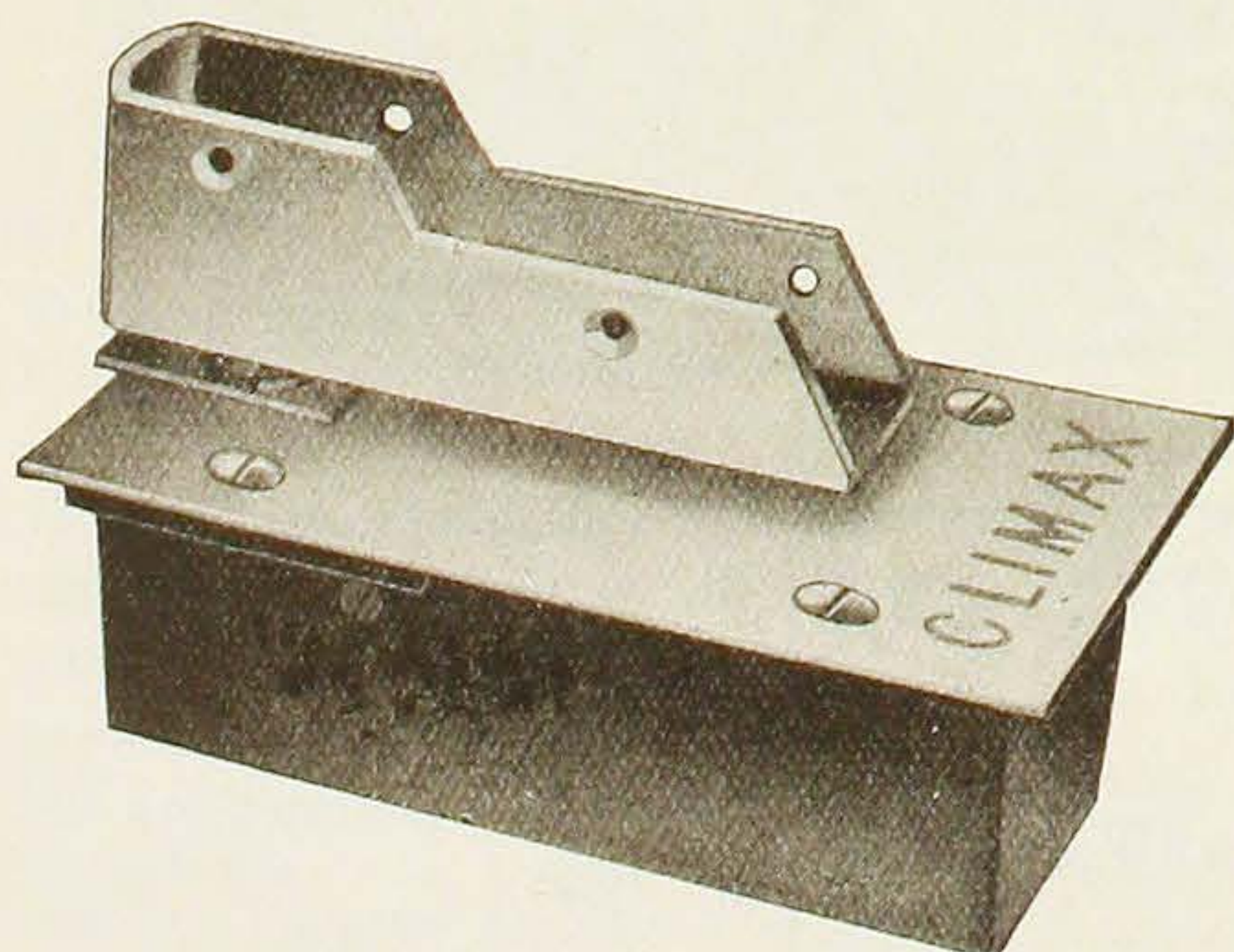
Extra for all exposed parts, B.M.A. :-

Nos. PHQ	2820	2821	2822	2823	2824	2825
	4/3	5/2	5/2	6/10	7/8	8/6

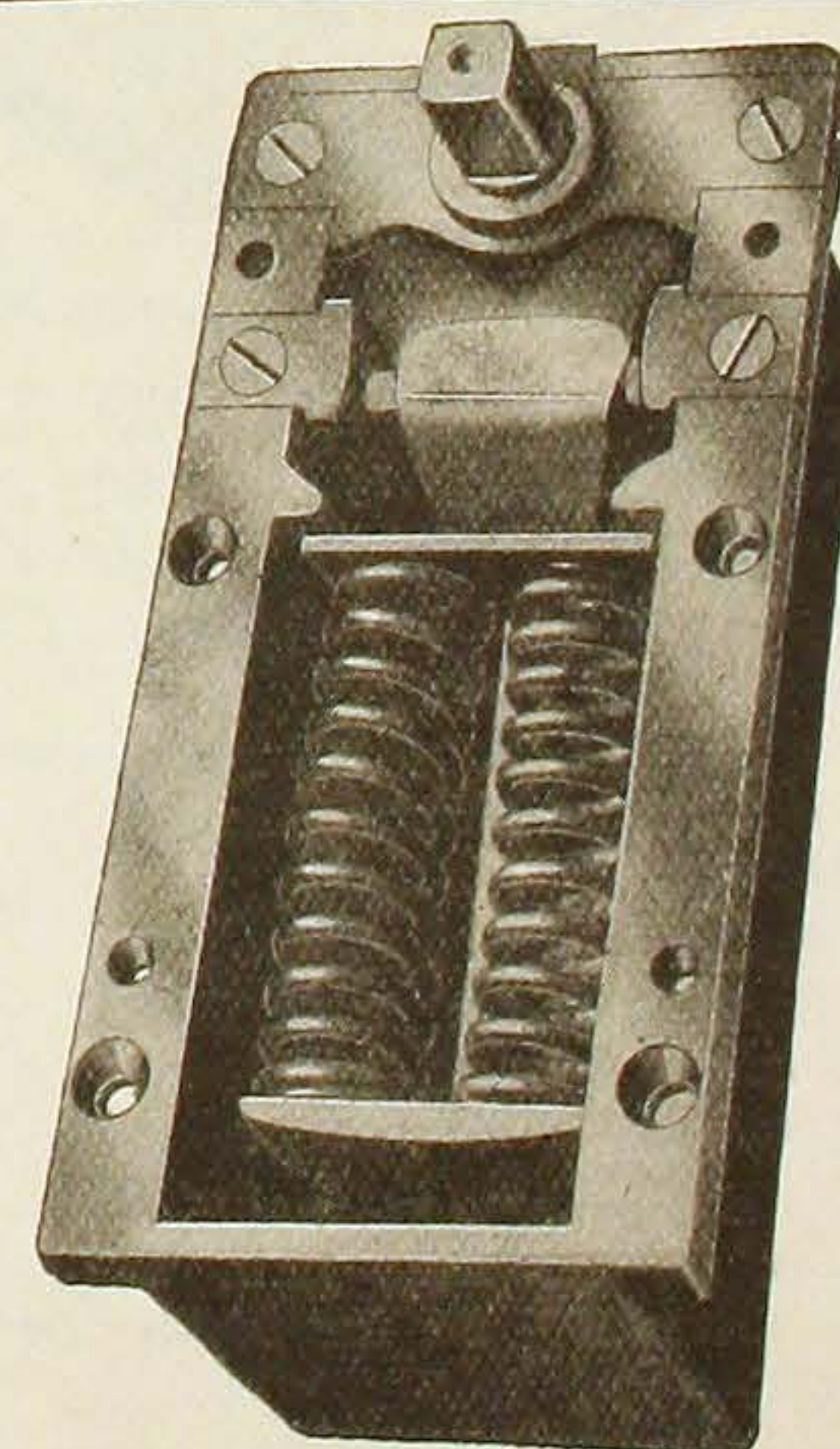
If with Adjustable Top Centre, illustrated on page 109, 7/- extra.
If with Adjustable Shoe, 14/- extra to price of ordinary shoe.

LOOSE BOXES FOR FIXING IN STONE OR CONCRETE.

Nos. PHQ	2820	2821	2822	2823	2824 & 2825
	7/-	7/8	8/4	9/-	10/4



Outside View.
"CLIMAX" FLOOR SPRING.
No. PHQ 2822



Inside View.
"CLIMAX" FLOOR SPRING.
No. PHQ 2822

The "Aidsu" Hydraulic Spring and Check

Advantages :

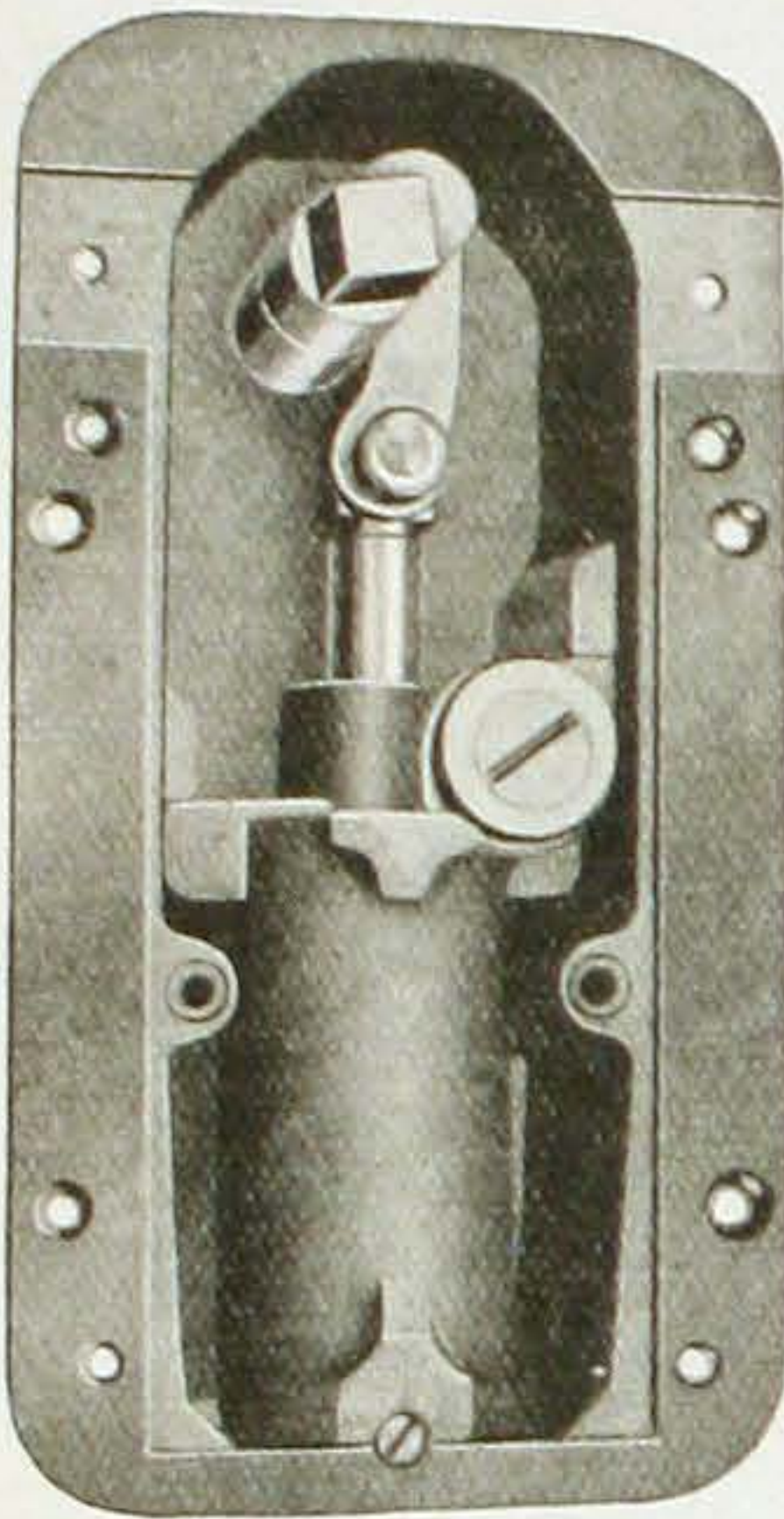
- 1.—Absolute silence of action.
- 2.—Rate of closing is readily adjustable at any time by any unskilled person.
- 3.—The whole of the instrument is fixed beneath the floor, and there are no unsightly projections. A carpet may cover it.
- 4.—It is a hinge as well as a spring, no other hinges are therefore required.



Exterior view of Single Action "Aidsu."

Advantages :

- 5.—The strength to resist wind action is left unimpaired by the check.
- 6.—All the moving parts work in a bath of oil, and therefore being always efficiently lubricated, are subjected to scarcely any wear and tear.
- 7.—Metal is used throughout, there are no leather valves or pistons to perish, and all the details are strongly constructed.
- 8.—Price is less than that of the older and less efficient springs.

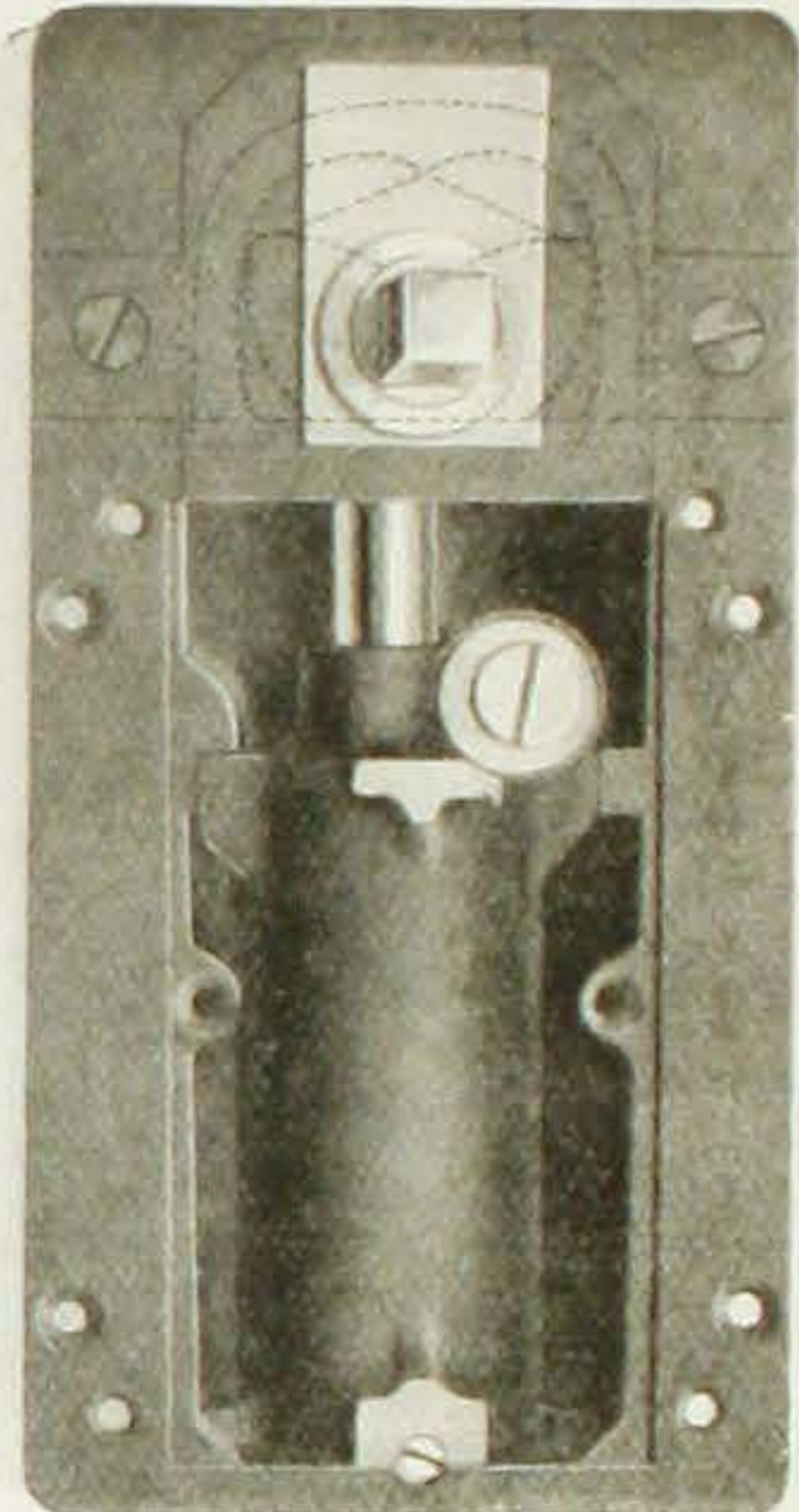


Single-Action Spring.

If the Spring is to be fixed in a floor of any other material than wood we recommend the use of an outer box, which may be permanently cemented in, leaving the spring proper, free for removal without injury to the floor.

Single or Double Action, same Price.

For Internal Doors up to	Catalogue No. PHQ	Size of Box.		With Brass Shoe.	With Iron Strap Shoe Double Action only.	Extra for All Exposed Parts. B.M.A.	Extra for Outer Box.	Extra for Lubricating Mixture and Screws.
		Plate. Length.	Depth of Width. Box*					
24" wide	3061	11" x 5 1/2"	3"	3 2 0	2 17 2	12/-	9/6	4/10
29" "	3062	11" x 5 1/2"	3"	3 6 9	2 19 6	12/-	9/6	4/10
36" "	3063	13" x 6 1/2"	3 5/8"	3 18 8	3 9 0	12/-	12/-	6/6
42" "	3064	13" x 6 1/2"	3 5/8"	4 5 9	3 16 3	12/-	12/-	6/6
48" "	3065	13" x 6 1/2"	3 5/8"	4 15 3	4 5 9	12/-	12/-	6/6

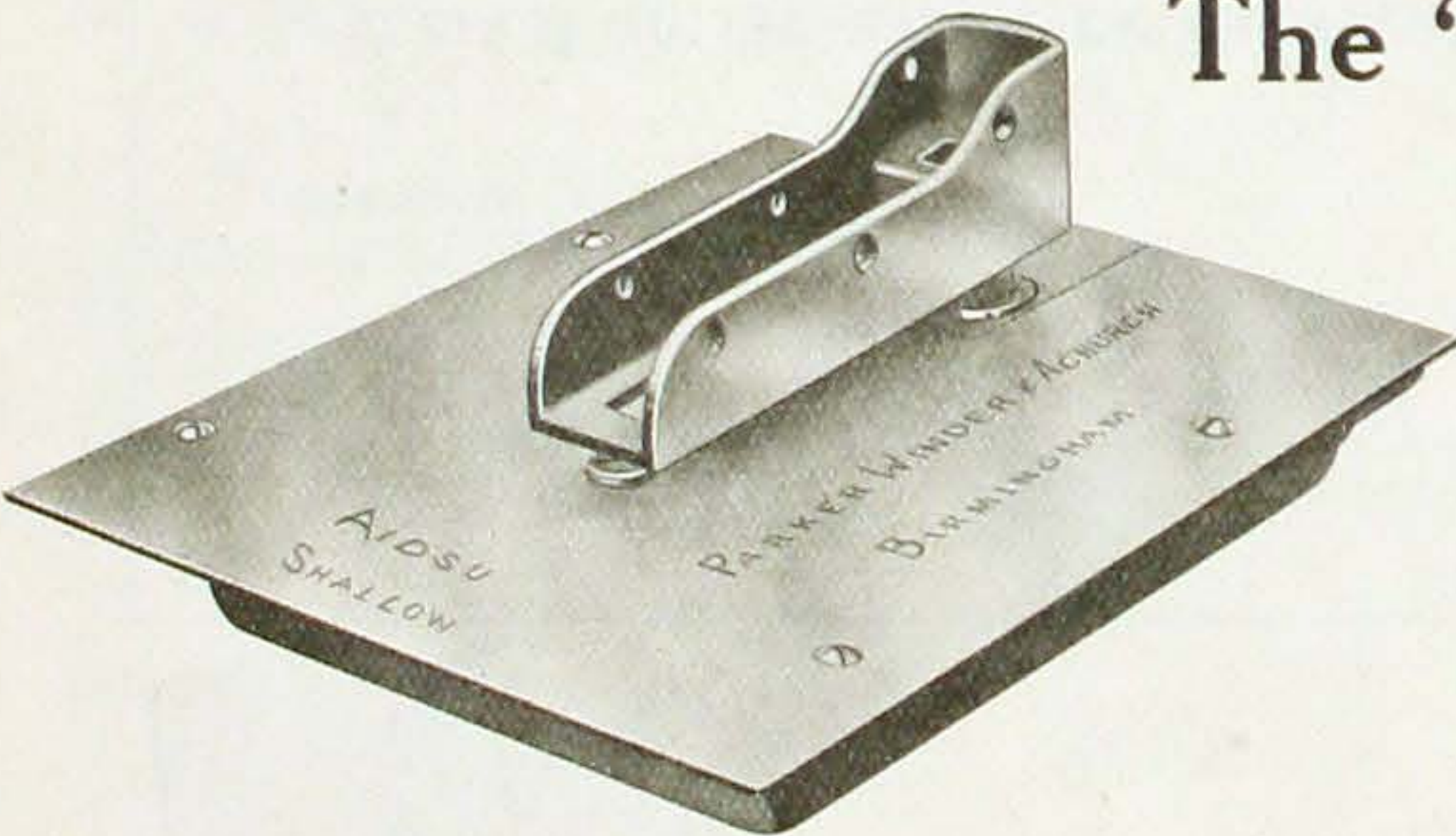
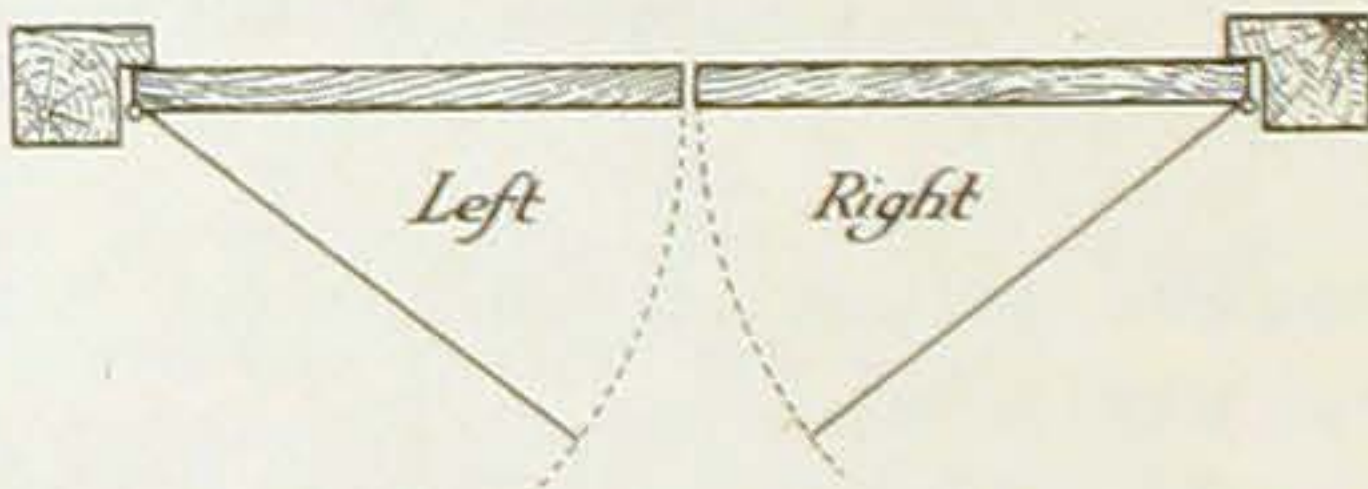


Double-Action Spring.

When ordering, please give the following information:

- 1. State if Door is Double or Single Action.
- 2.—If Single Action is it, Left or Right Hand. (See diagram opposite).
- 3.—State height, width, exact finished thickness, and material of Door.
- 4.—State Material of Floor.
- 5.—Is the Door "External" as for an entrance hall, or "Internal" as for a library.

Sizes for External Doors are governed by pressure of wind, and will be given, together with prices, upon receipt of details.
Prices include the Spring, Shoe, and adjustable Top-Centre.
Arrangements may be made for fixing in any part of the Country by skilled mechanics.
*Depth of Box does not include amount of projection of boss on underside, measuring 3/4" in the first two sizes above, and 1" in the remainder.

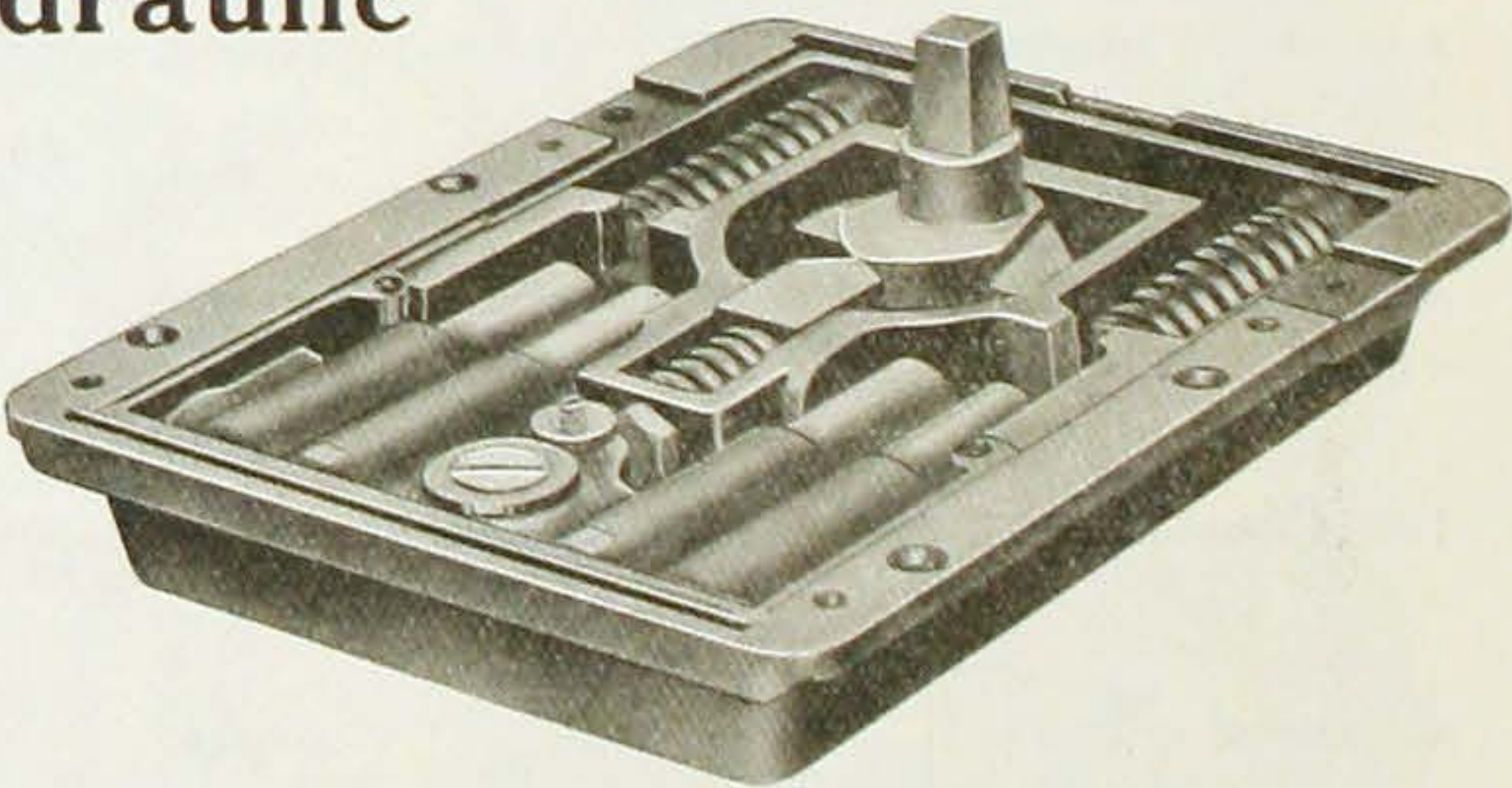


Exterior view Double Action "Aidsu-Shallow."

The "Aidsu-Shallow" Hydraulic Spring and Check

SPECIAL IMPROVED SHALLOW PATTERN

No more difficulties with Ferro Concrete Floors.
Suitable for Single or Double Action Doors.
Only 1 3/4" deep overall.



Interior view "Aidsu-Shallow" Spring.

When ordering, please give the following information to enable us to supply :—

- 1—State if door is Double or Single Action.
- 2—If Single Action; is it left or right hand (see illustration above).
- 3—State height, width, exact finished thickness and material of door.
- 4—State material of floor.
- 5—Is the door "external" as for an entrance hall, or "internal" as for a library.

Arrangements can be made for fixing in any part of the country by skilled mechanics.

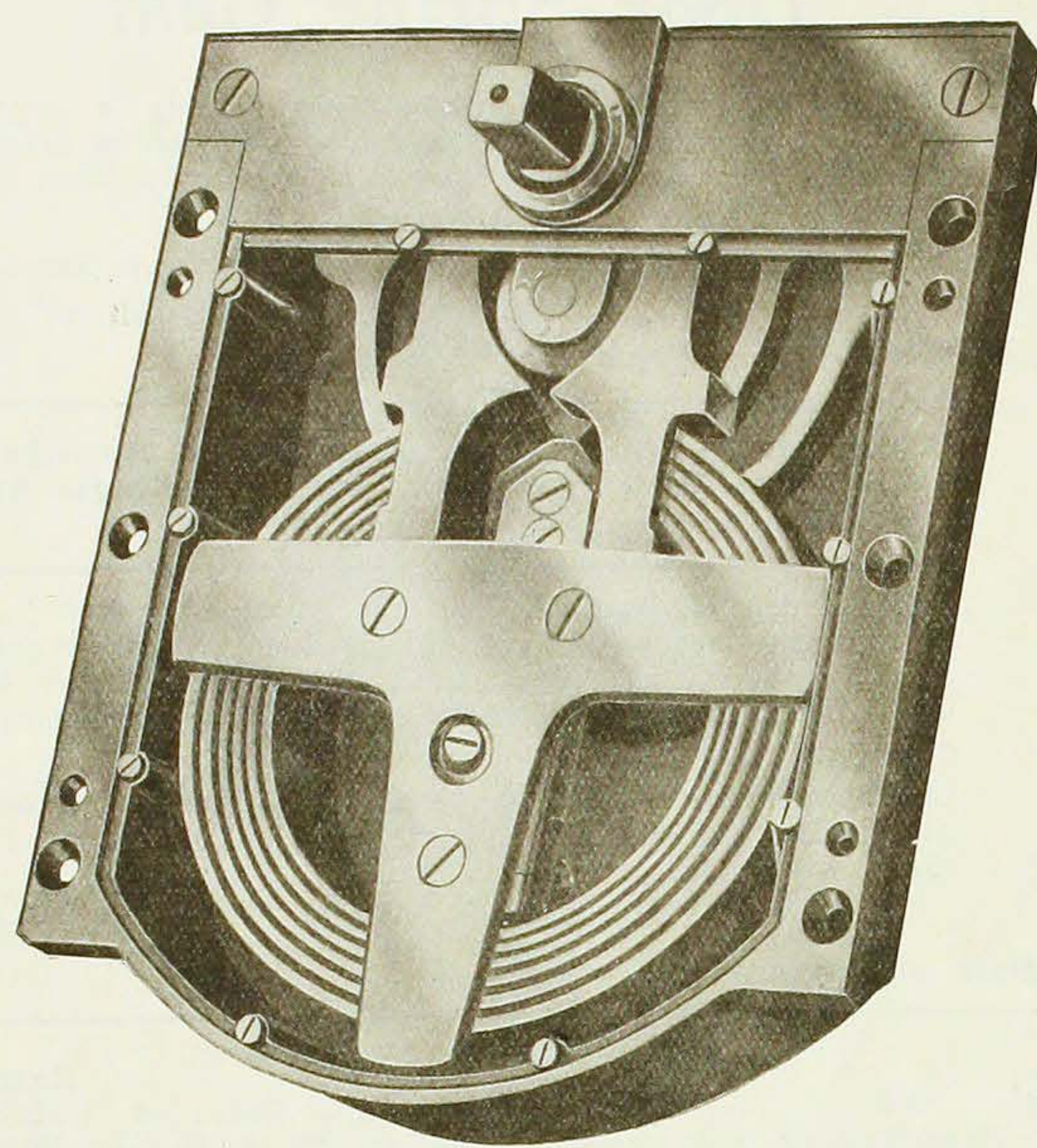
We have introduced this new Spring to meet modern conditions in steel frame and ferro concrete buildings, where the doors frequently come immediately over a steel bar or joist, and there is no depth in which to put an ordinary spring. Notwithstanding its extreme compactness, **and remember it is only 1 3/4" deep** our new Spring by an ingenious rearrangement of the details is provided with wearing services at all points, as ample and working parts all as strong as in the old type deep spring. It also embodies all the advantages of the deep pattern "Aidsu" mentioned above.

Single or Double Action same price.
Price includes Spring, Shoe and Adjustable Top Centre.

For Internal Doors up to	Size of Box overall.	With Brass Shoe	With Iron Strap Shoe Double Action only.	Extra Exposed Parts. B.M.A.	Extra for Outer Box.	Extra for Lubricating Mixture and Screws.
29" wide No. PHQ 3066	9 3/4" long x 8 1/2" wide x 1 3/4" deep.	66/9	59/6	12/-	9/6	4/10 per spring.
36" wide No. PHQ 3067		78/8	69/-	12/-	9/6	4/10 per spring.

If the Spring is to be fixed in a floor of any other material than wood we recommend the use of an outer box, which may be permanently cemented in, leaving the spring proper, free for removal without injury to the floor.

The "Leader" Patent Floor Spring with Hydraulic Check in Shallow Box



Interior View.

No. PHQ 3057 For Double Action Doors.

	All Exposed Parts.	
	Polished Real	Brass. B.M.A.
With ordinary Shoes for any thickness of door	95/-	102/6 each.
With Adjustable Shoes, 9" long	110/-	117/6 "
Extra for Adjustable Top Centres	7/-	7/- "
Loose Iron Boxes for fixing into concrete	15/-	each.

THE "Leader" Patent Floor Spring has been specially designed to meet a general demand for a Check-Action Floor Spring to fix into a shallow space.

Before being marketed this Spring and Check has been thoroughly tested and is therefore recommended with great confidence as a thoroughly good and reliable article.

Advantages:—

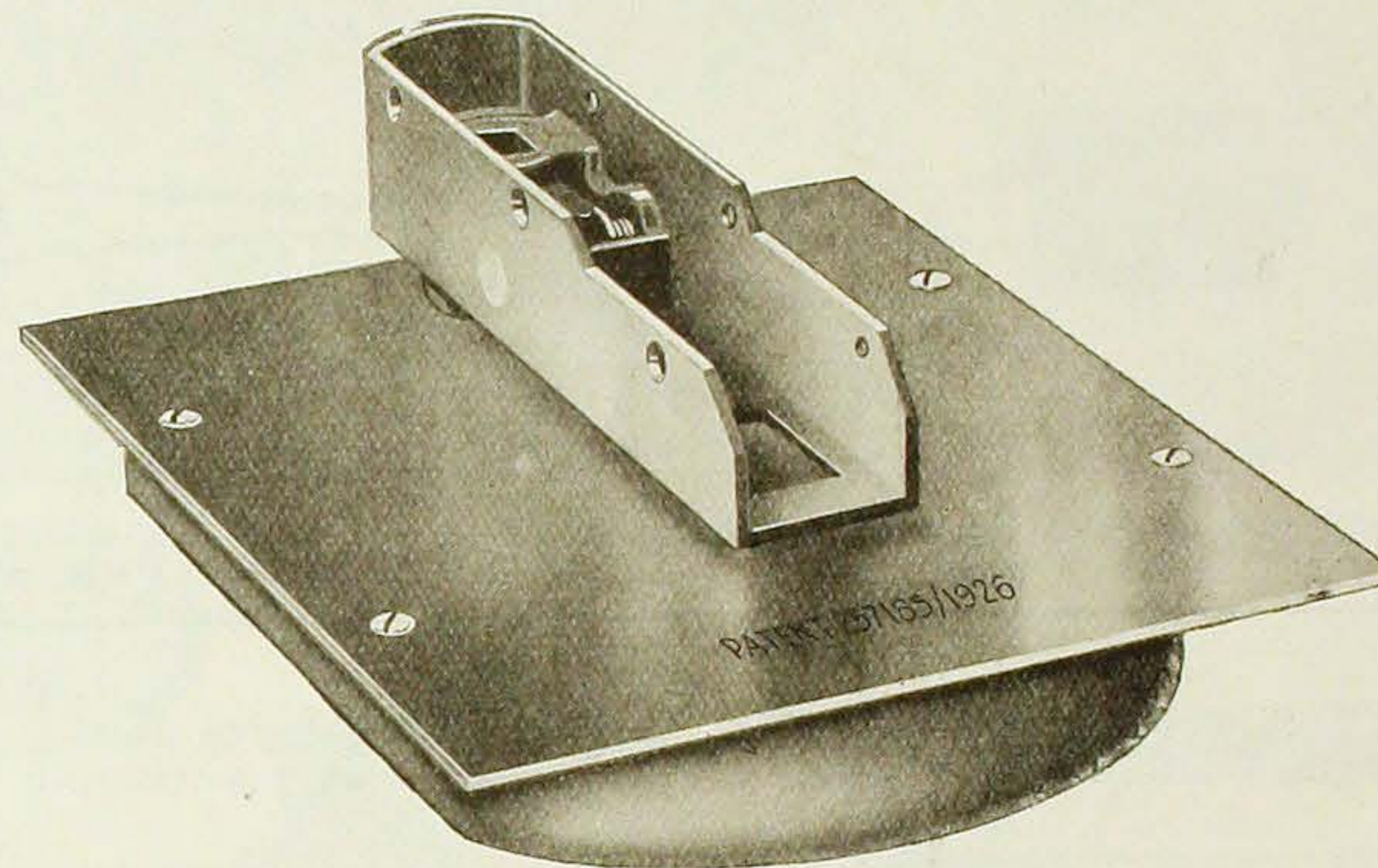
Depth of box overall is only 2".

Water-tight and oil-tight box.

A gradual closing of the door without any "bump" or "jar" is ensured by the cradle controlling the check from the moment the door is released.

Exceedingly simple and efficient check regulation.

Box 11" long x 9" wide x 2" deep. Plate 11½" long x 9¼" wide.



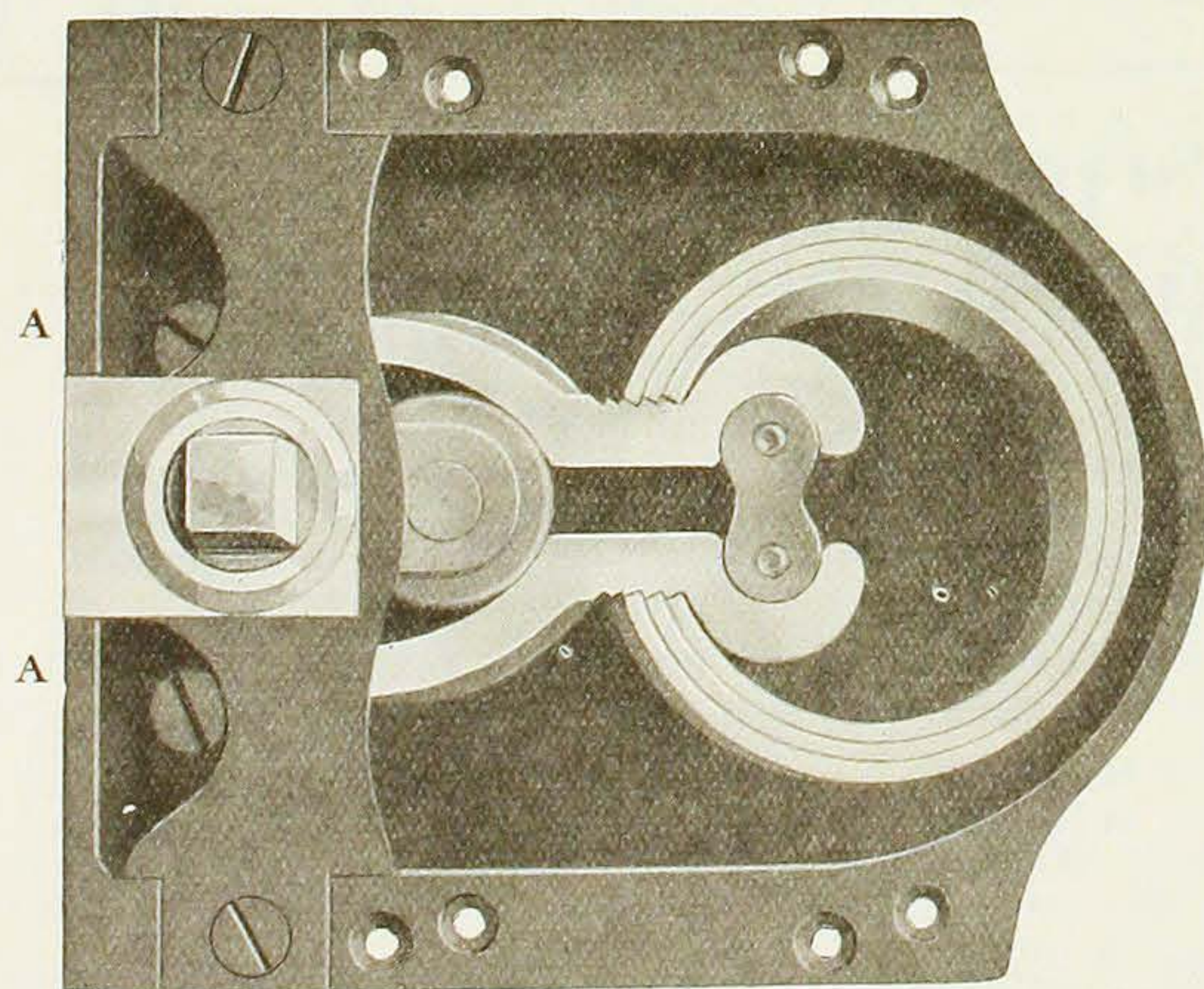
Exterior view with Adjustable Shoe fitted.

No. PHQ 3058 For Single Action Doors.

With all exposed parts in Polished Brass, with Shoes for any size door	100/-
With all exposed parts in Real Bronze Metal Antique	107/6
Loose Iron Boxes for fixing into concrete	15/- each.

Note.—When ordering above or any Single Action Spring, state whether doors are right or left hand as may be known from diagram on page 106.

The "Leo" Improved Patent Adjustable Door Spring



Double Action for Swing Doors.

No. PHQ 3059	Size of Plate.		Depth.
	Length	Width	
Suitable for Internal Doors, up to 2' 9" wide.	10"	7¾"	2½"*
			Projection of Boss 1".
No. PHQ 3060	In Wood Floor.	12½"	4¾"
	In Stone Floor.	10¾"	Projection of Boss 1".
	13¾"	10¾"	

*Does not include the amount of projection of a boss on the underside.

When ordering, please state height, width, position and exact finished thickness of floor, and material of floor.

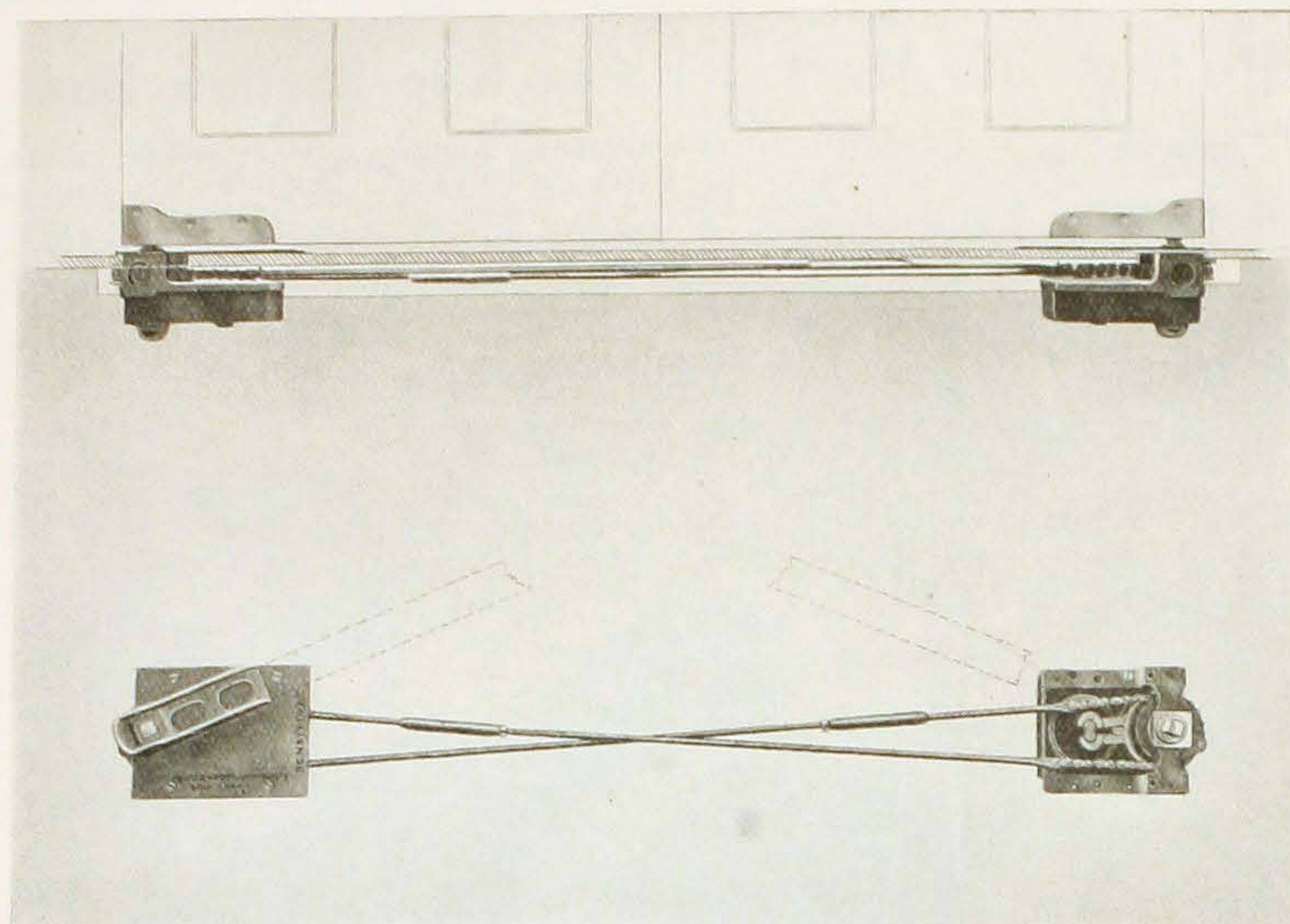
The type of Spring illustrated has been for over half-a-century used and regularly specified by Architects, Surveyors and Builders. It has been in use, in several cases for 40 to 45 years without needing repair. To say that over 50,000 have been fixed gives some idea of its popularity. It is readily fixed to any kind of floor—wood, stone, marble, concrete or tile. **For any kind of floor other than wood, it is desirable to use an outer box, which may be permanently cemented to the floor, leaving the Spring proper, free for removal by the withdrawal of four screws.**

With the "LEO" Adjustable Door Spring the strength is greatest when the door is in the shut position. It works with an easy action, and, if required, can be made to stand open when past the right angle, without any extra stop or catch. It can be strengthened or weakened in a very simple manner without unhooking the door, and by means of the Regulating Arrangement shewn at AA can be adjusted perfectly true with the framing, or opposite door (if a pair) should it not be fixed square at the outset or the door wind subsequently.

This Spring is essentially intended for Double Action Work only.

With Brass Trough Shoe	With Iron Strap Shoe.	Extra for all Exposed parts, B.M.A.	Extra for Outer Box.	Extra for Lubricating Mixture and Screws.
83/6	78/9	12/-	12/-	3/6
142/10	131/-	12/-	21/6	8/6

Prices include Spring, Shoe and Adjustable Top Centre.



The "SENSITIVE" Door Spring Gear

FOR the purpose of simultaneously opening or closing both doors of a pair, each door being arranged to actuate the other, the "Sensitive" Door Spring Gear has been specially devised.

The illustration clearly shews the working arrangement.

A Set comprises a pair of Springs with "Sensitive" Gearing and will be found priced complete below.

Important.—In the case of Hydraulic Springs this "Sensitive" Gear is only applicable to Single Action Doors.

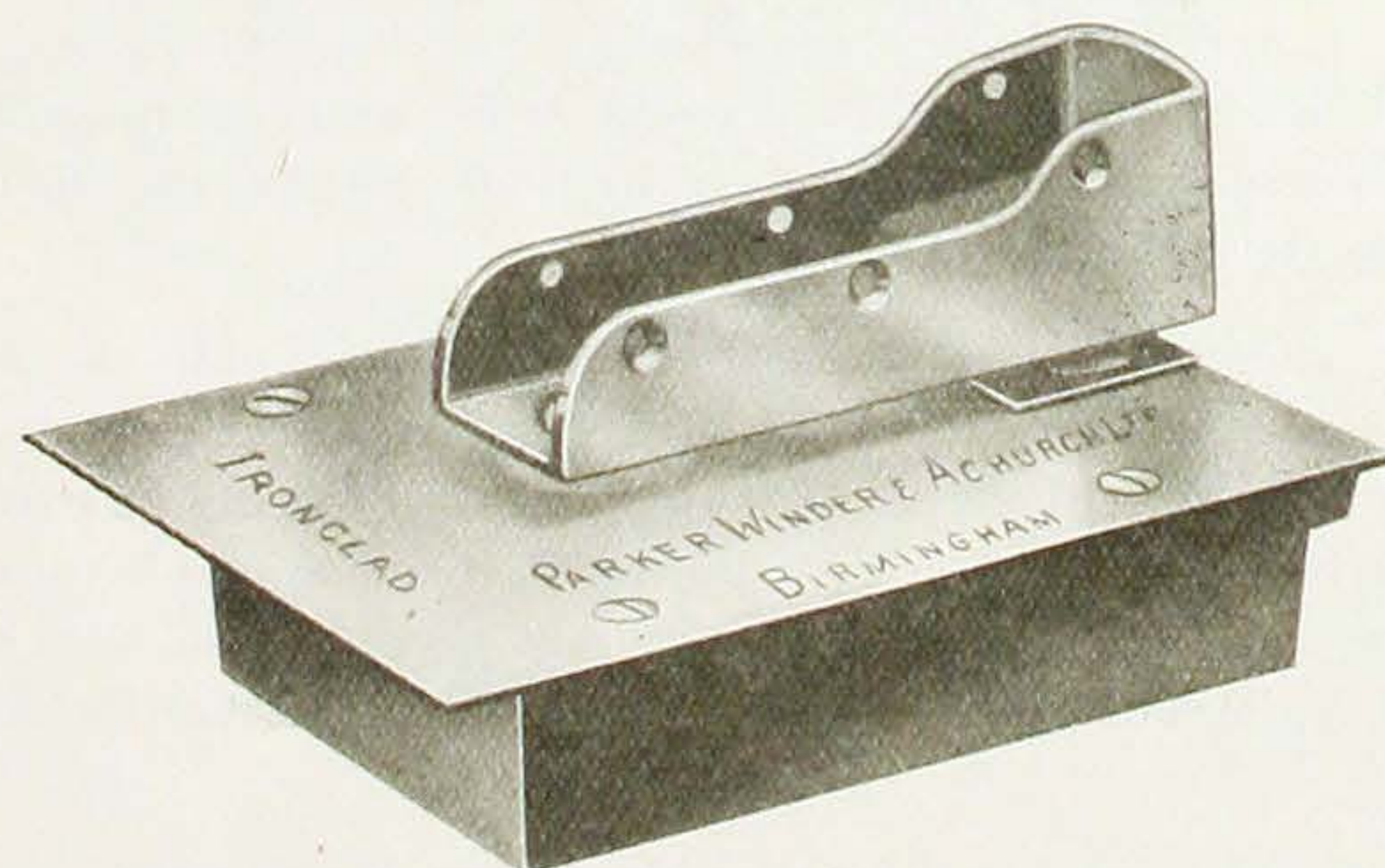
The "Aidsu Hydraulic" Sets consist of a pair of "Aidsu" Springs and checks for single-action doors, which are connected by chains beneath the floor, similar to the other types, but also have the advantage of preventing slamming when closing into rebates.

Chequered Brass Plates to cover troughs between the two spring cover plates are supplied to instructions, at prices according to the sizes required.

PRICES PER SET, including Pair of Springs.

Size of Box Length, Width, Depth.	No.	Spring to which Gearing is attached.	Max. width of each leaf of Internal Doors	With Brass Trough Shoes	With Iron Strap Shoes	Extra all exposed parts B.M.A.	Extra for Outer Boxes	Extra for Lubricating Mixture & Screws.
$8\frac{3}{4}" \times 6\frac{1}{2}" \times 3\frac{1}{2}"$	PHQ 3040	"Ironclad" No. PHQ 3047 (Shewn at foot of this page)	24"	£ s. d. 10 8 3	£ s. d. 9 10 6	24/-	16/9	8/6
$8\frac{3}{4}" \times 6\frac{1}{2}" \times 3\frac{1}{2}"$	PHQ 3041	"Ironclad" No. PHQ 3048 (Shewn at foot of this page)	29"	11 18 0	10 19 0	24/-	16/9	8/6
$10" \times 7\frac{3}{4}" \times 4"$	PHQ 3042	"Leo" No. PHQ 3059 (Shewn on page 107)	24"	13 9 8	13 4 3	24/-	23/10	8/6
$12\frac{1}{2}" \times 10\frac{3}{4}" \times 6\frac{1}{4}"$ (Wood Floor)	PHQ 3043	"Leo" No. PHQ 3060 (Shewn on page 107)	36"	22 9 10	21 2 6	24/-	43/-	19/3
$13\frac{1}{2}" \times 10\frac{3}{4}" \times 6\frac{1}{4}"$ (Stone Floor)								
$11" \times 5\frac{1}{2}" \times 4"$	PHQ 3044	"Aidsu" No. PHQ 3062 (Shewn on page 106)	24"	14 17 6	14 3 3	24/-	23/10	12/-
$13" \times 6\frac{1}{2}" \times 4\frac{5}{8}"$	PHQ 3045	"Aidsu" No. PHQ 3063 (Shewn on page 106)	29"	17 10 0	16 10 0	24/-	28/8	14/4
$13" \times 6\frac{1}{2}" \times 4\frac{5}{8}"$	PHQ 3046	"Aidsu" No. PHQ 3064 (Shewn on page 106)	36"	19 12 9	18 14 0	24/-	28/8	14/4

The "IRONCLAD" Patent Model Door Spring



THE "Ironclad" meets the need for an inexpensive and reliable Door Spring and is sent out in Three Strengths with adjustable Top-centre, having a rising pin, Brass Trough Shoe, or Iron Strap Shoe as may be required. For any other than wood floors it is fitted into an Outer Box which may be permanently cemented into the floor, leaving the Spring proper, free for removal upon the withdrawal of four screws.

SIZES AND PRICES—Double Action for Swing Doors.

No.	Size of Plate. Box. Lgth. W'th. D'th.	Max. Width of Internal Door	Price with Brass Trough Shoe	Price with Iron Strap Shoe	Extra all Exposed parts, B.M.A.
PHQ 3047	$8\frac{3}{4}" \times 6\frac{1}{2}" \times 2"$	29"	54/10	51/2	12/-
PHQ 3048	$8\frac{3}{4}" \times 6\frac{1}{2}" \times 2"$	36"	62/2	57/2	12/-
PHQ 3049	$8\frac{3}{4}" \times 6\frac{1}{2}" \times 2"$	42"	66/9	59/6	12/-

This Spring is essentially intended for Double Action Work only.

External Doors should be fitted with a size larger Spring.

Prices include Spring, Shoe and Adjustable Top-centre.

Extra for Outer Box suitable for any of the three sizes 8/6 each.

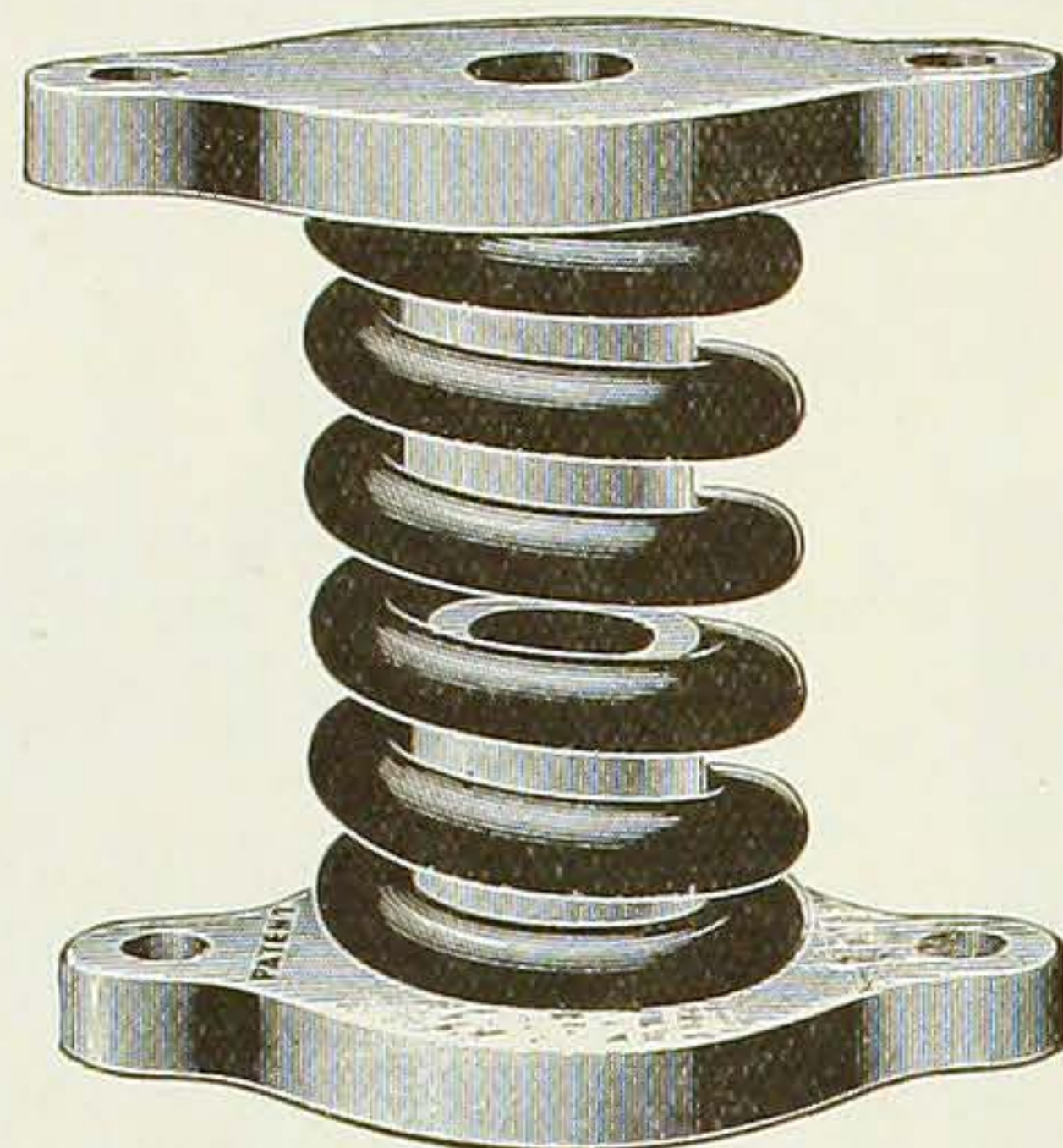
Special Lubricating Mixture and Screws packed with each Spring 3/6 per Spring extra, including bottle.

*Depth of Box does not include amount of projection of boss on underside, measuring 1".

The "Ironclad" Spring possesses the following advantages:—

1. It is of the old well-known form.
2. It occupies very much less space than the older springs—though it is equally strong.
3. It is stronger in the closed position and weaker in the open positions, than other springs.
4. It is very powerful to withstand wind, but yet allows the door to be opened easily for passing through. This peculiarity is best demonstrated by trial.
5. It closes the door quietly and easily, with greatly reduced oscillation.
6. Its strength is variable, and any Spring may be adjusted in a few minutes, throughout the range from weakest to strongest, without dismounting the door.
7. Springs of all strengths have the same external size.
8. All parts are interchangeable and the wearing parts are of steel.
9. It is rectangular in shape and very shallow, and therefore readily fitted to the floor.

The "JAZZ" Dancing Floor Spring and Plates



No. PHQ 3050

4/-

Per Set,

Complete with Castings as shewn.

Recommended by leading Architects, the "Jazz" Dancing Floor Spring and Plates shewn, have been applied to the Ball Room Floors of many large Hotels, Dancing Halls and Assembly Rooms, throughout the Country, with great success.

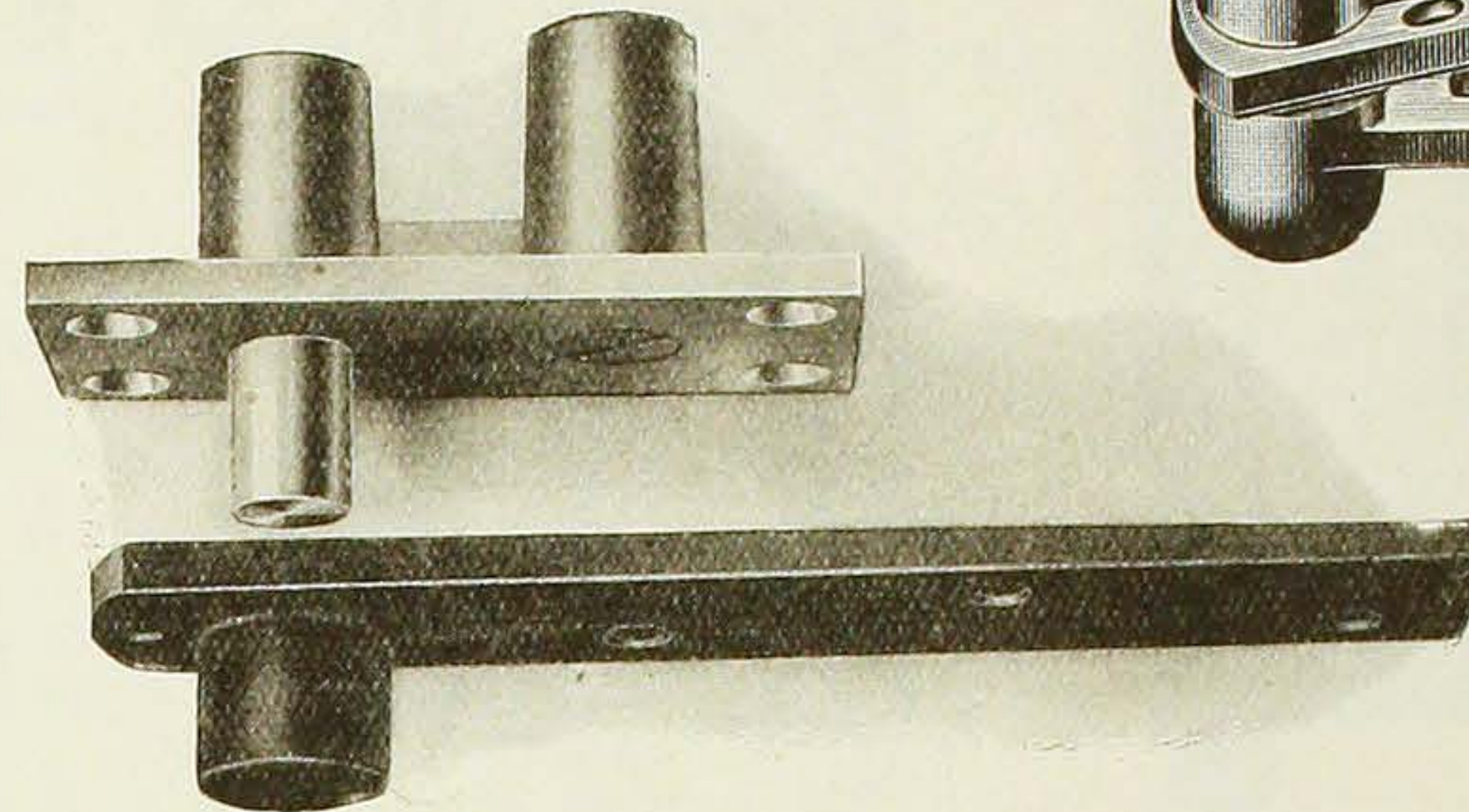
They are not only easy to fix but give a smooth and elastic dancing floor.

The centre of the end Plates are made to fit inside the spring, and adjusted to such a length that should any excessive weight be applied, the centres would come in contact, and prevent the setting or breaking of the spring.

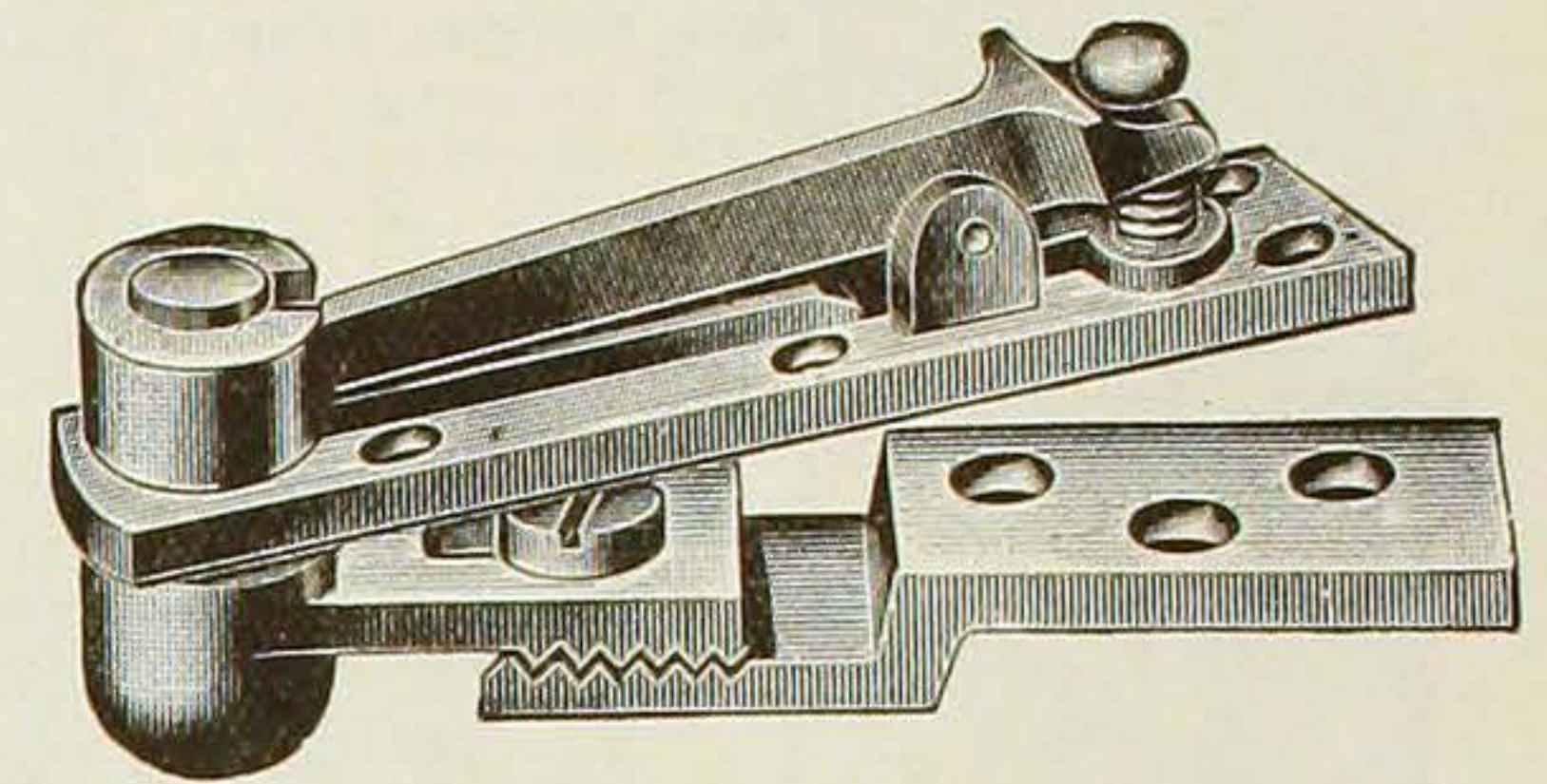
The question of fitting and the position is of course one which rests with the Architect, but we shall be please to send Prints showing method which has been adopted, in the past, with excellent results.

Top and Bottom Centres

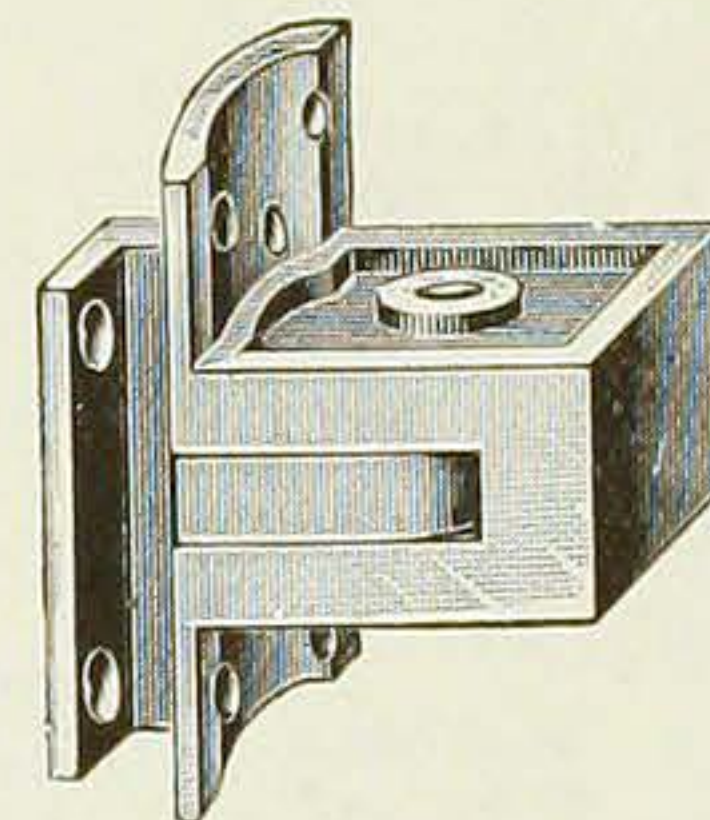
Can be used with or without Floor Springs.



Newly designed Ordinary Top Centre now put to all Floor Springs on pages 104 and 105 and included in price of Spring.



Adjustable Top Centre.
Sent when ordered, and charged 7/- each extra.

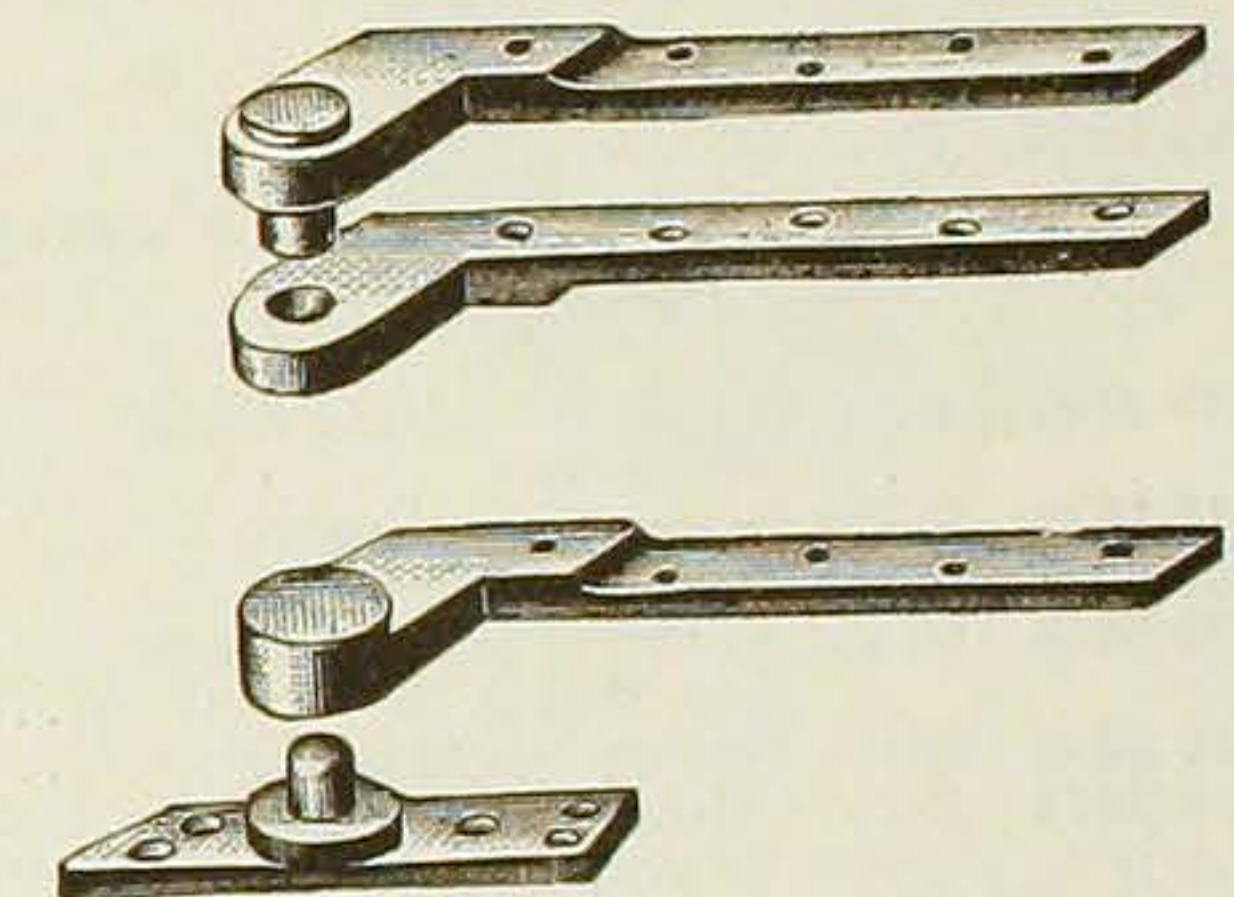


Top Centre for Circular Head Door.

No. PHQ 3070

Brass. Made in different sizes to suit thicknesses of door.

For Doors—
 $1\frac{1}{2}$ " $1\frac{3}{4}$ " thick
 12/3 13/2 each.
 $1\frac{7}{8}$ " 2" thick.
 14/4 14/4 each.
 $2\frac{1}{4}$ " thick
 16/- each.



Top and Bottom Centres for Single-Action Doors

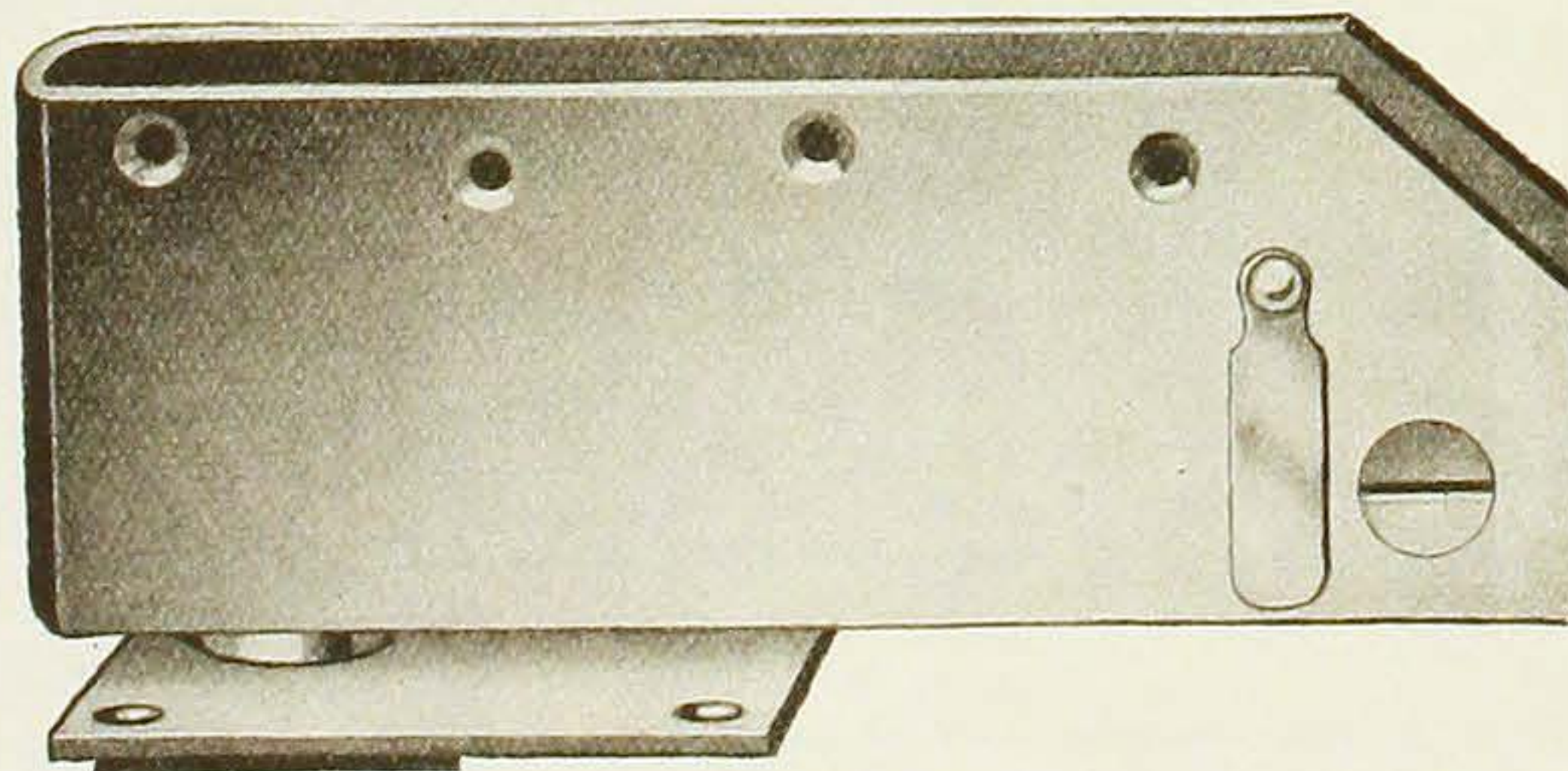
No. PHQ 3071 with Projecting Centres. Made in Malleable Iron and in Gun-metal. Any size projection.

Prices against Specification.

The "FORWARD" Double Action Shoe Spring

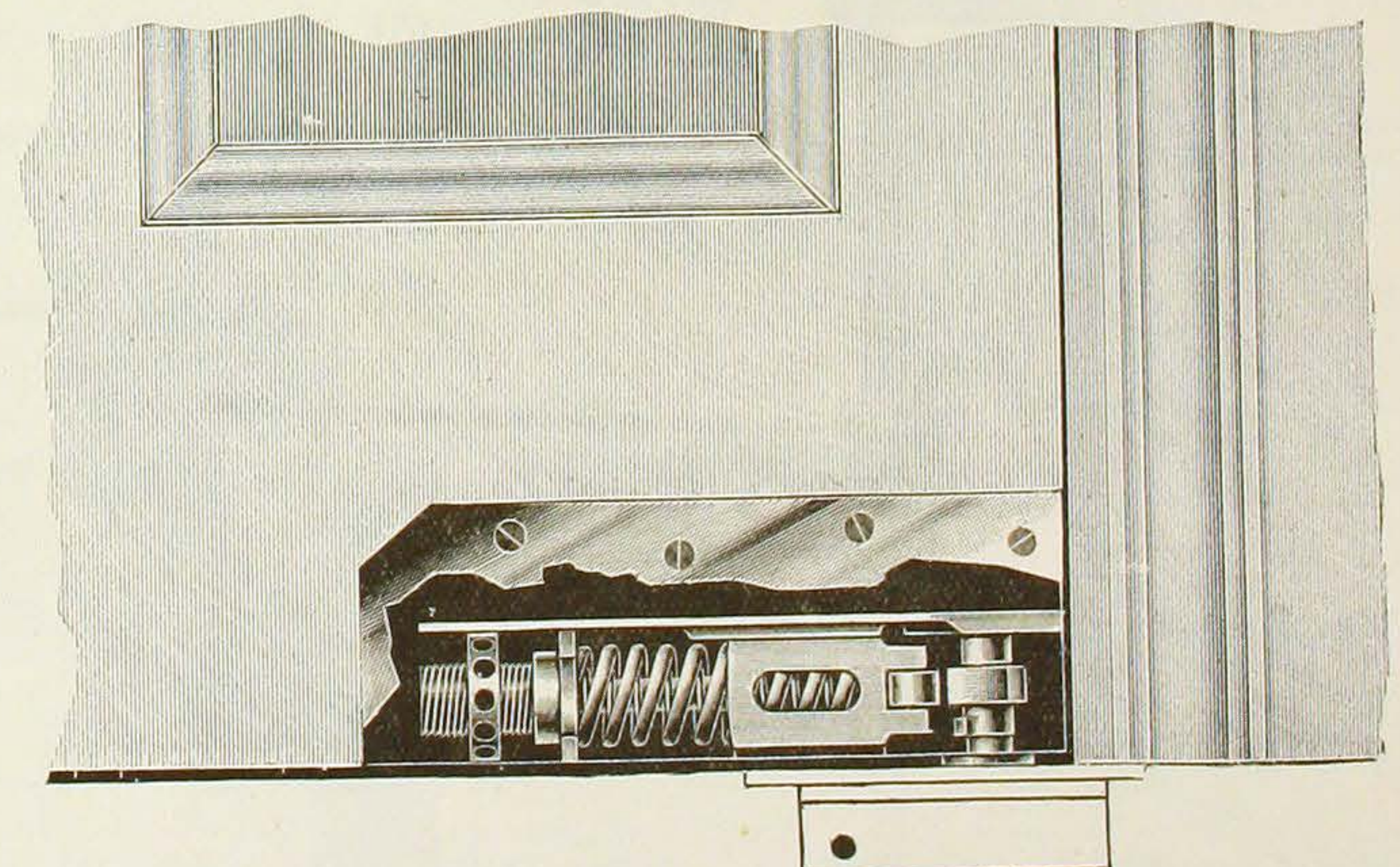
FOR SWING DOORS.

Most suitable where it is impossible to fix Floor Spring.



NOTE.—Unless otherwise ordered these Springs are always sent out made to hold the door open at Right Angles.

These Springs, being gentle in action, are especially suitable for the inside doors of Schools, Hospitals, and other Public Buildings. They are secure from damp when floors are washed. The strength of the Spring can be nicely regulated, and the door can be readily aligned by means of the Adjustment in Shoe. The floor socket is only $\frac{3}{4}$ " deep. These Springs are sent out to open and close in the usual manner, but they can be made to hold the door open at right angles if required and so ordered. Please state when ordering, whether shoe to be in Brass or Gun-metal. The finished thickness of door. If required to hold the door open at right angles, or not.



Supplied complete, with suitable Top Centre.	No. PHQ 9425 No. PHQ 9426	For Doors ... Brass ... Gun-Metal...	...	...	...	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{3}{8}$ "	2 $\frac{1}{2}$ " thick.
						53/-	56/-	60/-	60/-	64/-	64/-	75/-	75/- each.
						63/-	65/-	70/-	70/-	75/-	75/-	90/-	90/- "

All PHQ—Quick Delivery.

"B" Basis.

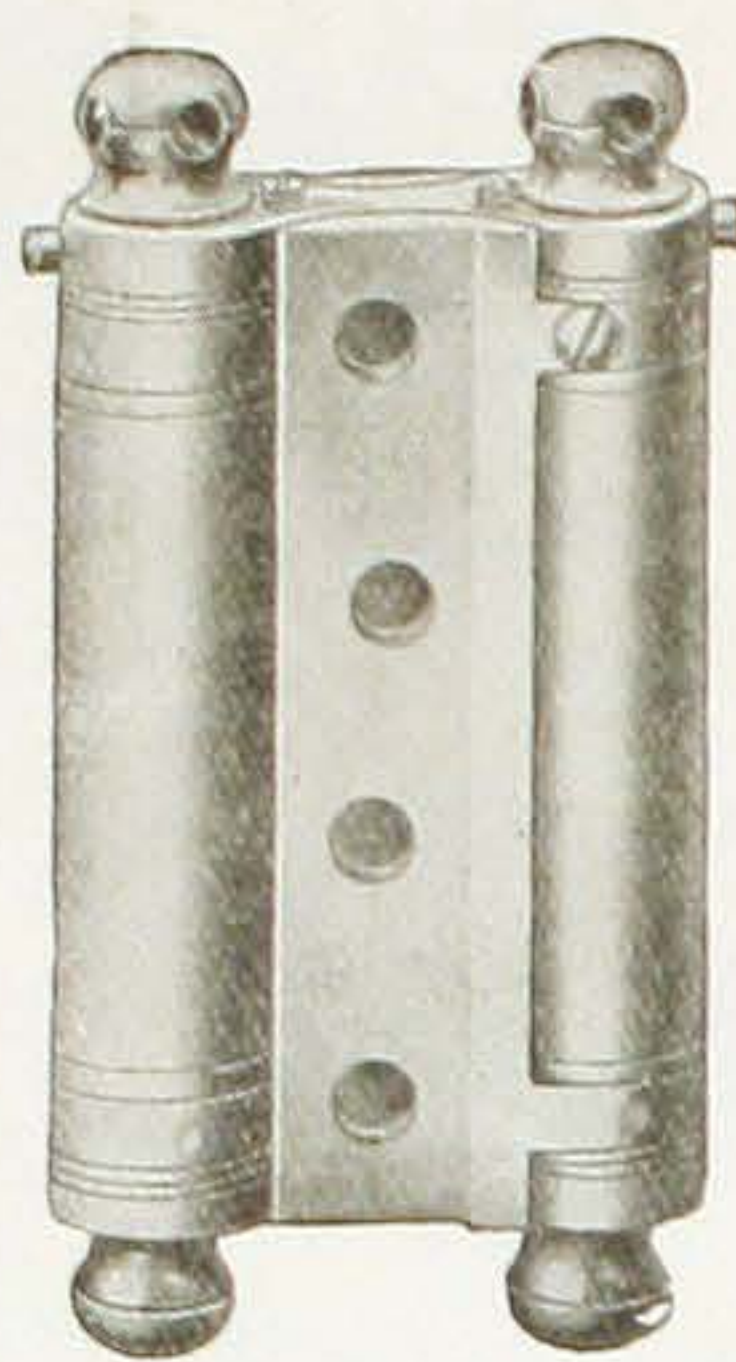
Door Springs and Hinges

Patent Regulating Helical Spring Hinges.

With **PATENT STOP** to prevent Overwinding.
A broken spring can be easily replaced. The power can be taken off while fixing.
The strength of spring can be adjusted to a nicety.



Nos. PHS 2840 and PHS 2841
Single Action.



Nos. PHS 2842 and PHS 2843
Spring Hinge. Double Action.



No. PHS 2842 Blank Hinge.
Double Action.

SINGLE ACTION HINGES.

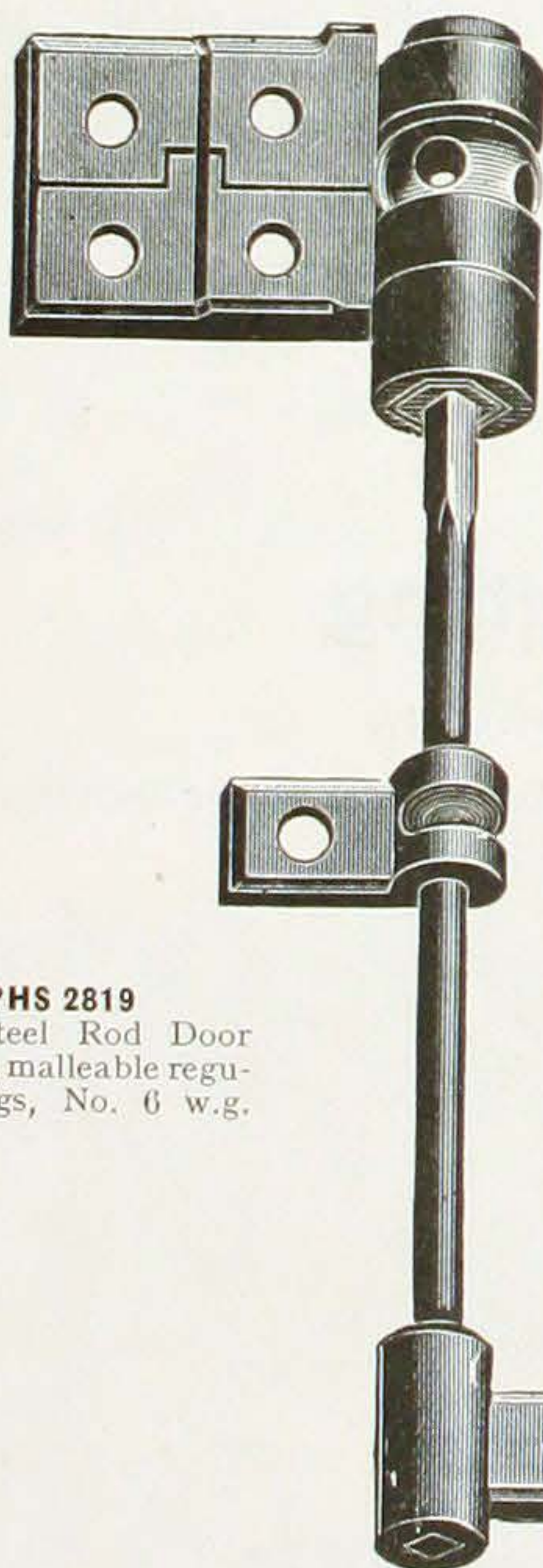
For Doors up to		1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2" thick.
No. PHS 2840	Iron, Japanned	43/9	50/3	63/6	72/3	85/3	111/6	144/6 doz.
No. PHS 2841	Brass Polished	87/6	105/-	118/3	131/3	157/6	197/-	288/9 "

DOUBLE ACTION HINGES.

For Doors up to		1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2" thick.
No. PHS 2842	Iron, Japanned (Spring Hinge and Blank)	10/6	12/-	15/3	17/6	20/9	25/3	34/- pair.
No. PHS 2842	Ditto (Spring Hinge only)	7/-	8/3	9/9	11/-	13/-	16/6	23/- each.
No. PHS 2842	Ditto (Blank Hinge only)	3/6	3/9	5/6	6/6	7/9	8/9	11/- "
No. PHS 2843	Brass, Polished (Spring Hinge and Blank)	16/6	19/9	23/-	26/3	31/9	40/6	54/9 pair.
No. PHS 2843	Ditto (Spring Hinge only)	12/9	14/9	17/-	19/9	23/-	29/6	39/6 each.
No. PHS 2843	Ditto (Blank Hinge only)	3/9	5/-	6/-	6/6	8/9	11/-	15/3 "

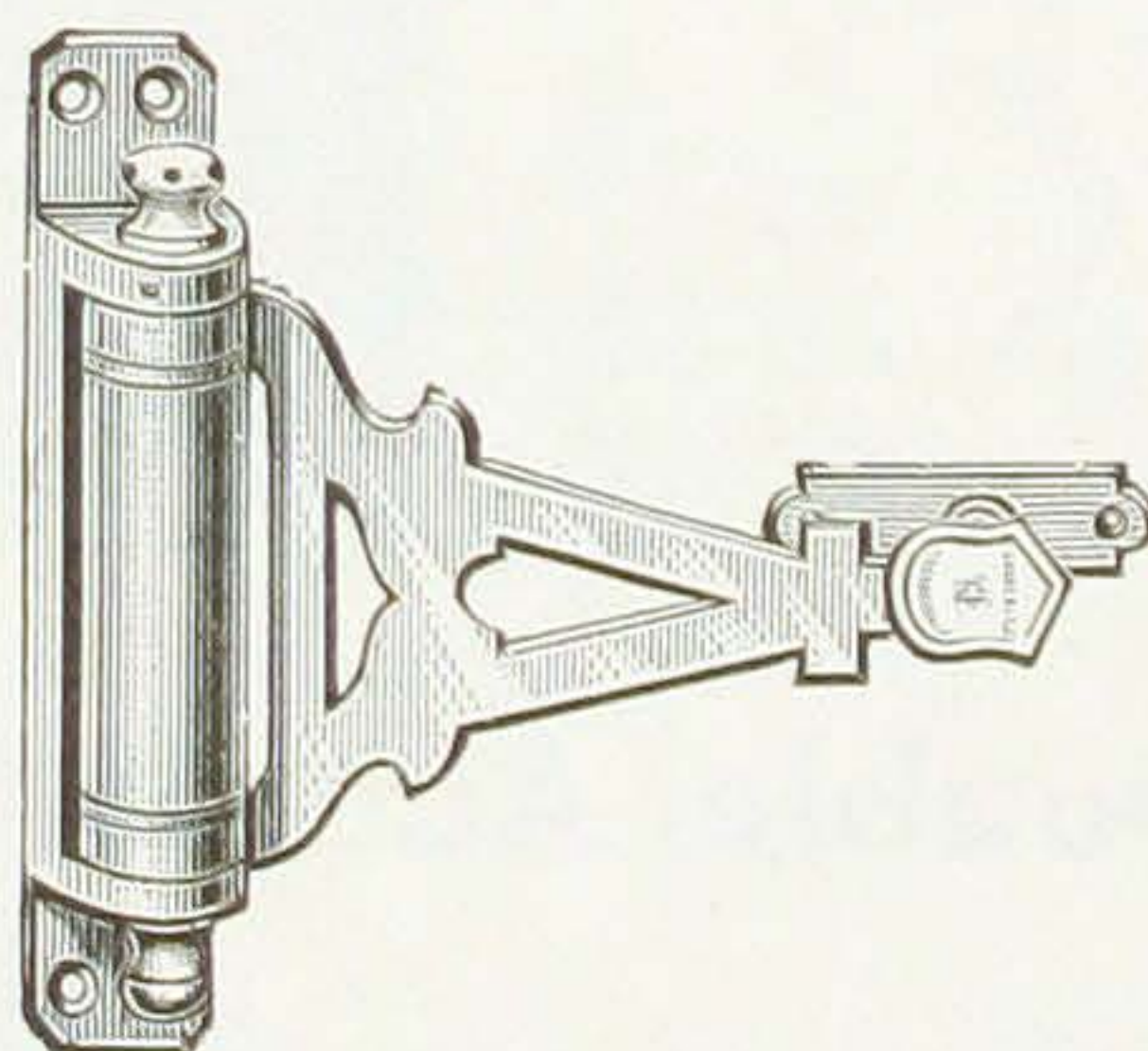
A pair of Double-Action Hinges consists of one Hinge with Springs, and one Hinge without Springs (blank). In Brass the Blank Hinge is made much smaller than the Spring Hinge. If required to be same size it must be so ordered, and will be charged extra.

The one objection to Regulating Hinges was the liability to overwind and break the Spring. We have therefore invented and patented a Stop which will make overwinding impossible, while permitting the Spring to be adjusted to full strength.



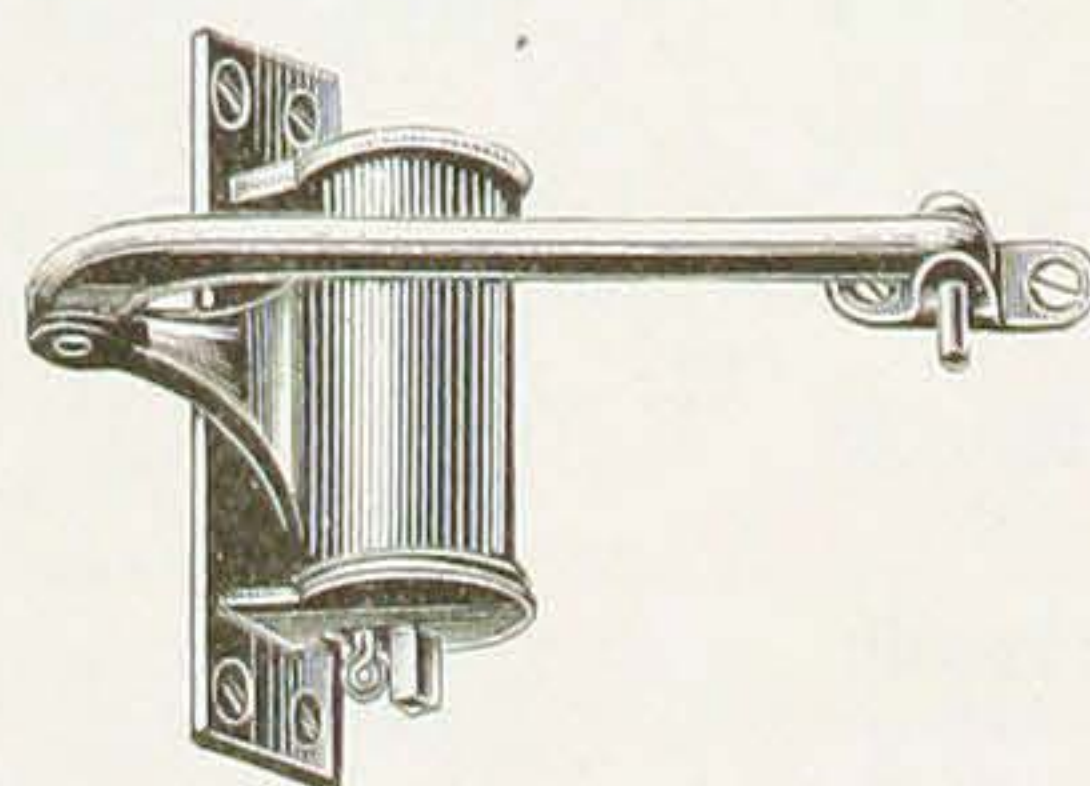
No. PHS 2819
Weston's Steel Rod Door
Springs with malleable regu-
lating fittings, No. 6 w.g.
steel rods.

Patent Regulating Helical Door Springs.

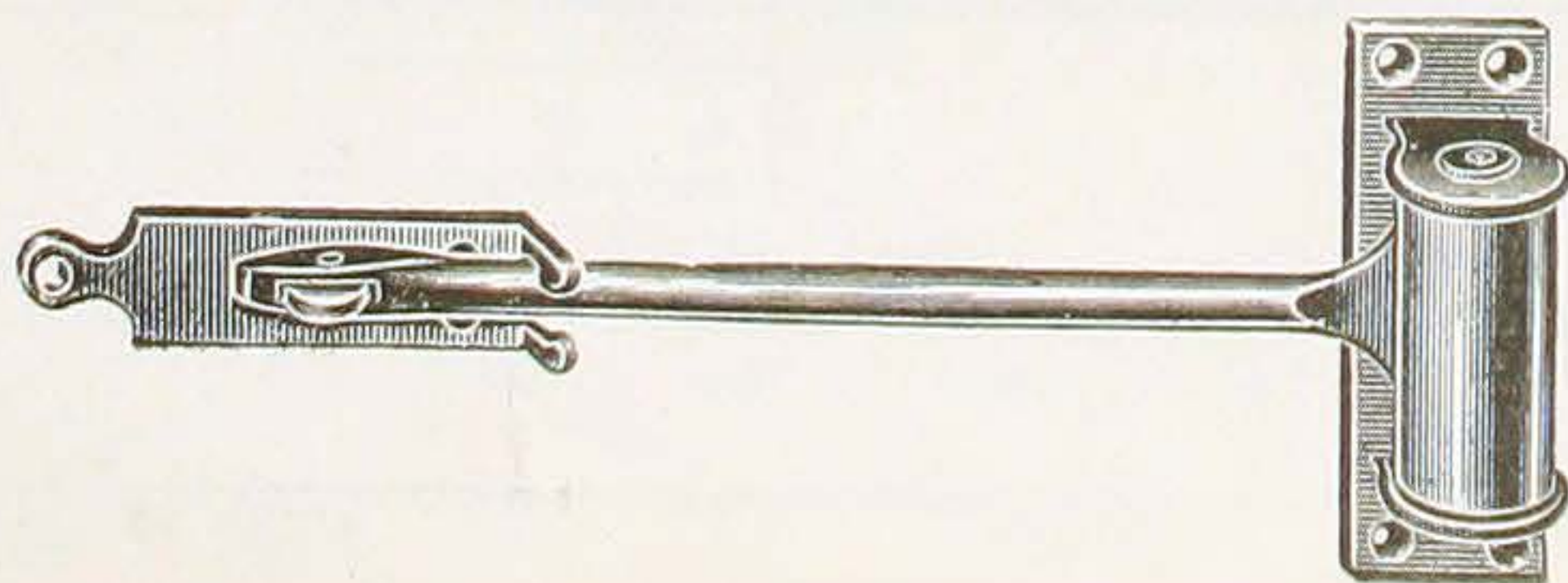


No. PHS 2850		3"	3 1/4"	4"	4 1/4"	5"	6"	7"	8"	9"
Japanned Iron		3/10	4/5	5/8	6/5	7/8	9/4	12/7	14/9	19/2
No. PHS 2851— Polished Brass		6/11	8/-	9/10	11/1	13/2	15/4	19/4	23/-	27/4

"Outward Opening" Door Spring.



No. PHS 2870 Japanned Iron Door Spring, with Regu-
lator, for doors opening outwards. Strong, 3/- each.
Extra strong, 3/8 each.
No. PHS 2869 Brass, larger barrel, and extra strong,
30/9 each.



No. PHS 2819 "Weston's" Steel Rod Door Springs.
3' 0" 3' 6" 4' 0" 4' 6" 5' 0" 5' 6"
26/3 28/6 30/9 33/3 35/- 36/9 dozen.
2/4 2/6 2/9 3/- 3/1 3/3 each.

The "BOMMER" Steel Spring Hinges.

These Spring Hinges are made from the highest grade cold rolled steel. The springs are oil-tempered, and by a special process made harder in the middle than at the ends, thus reducing risk of breakage. The solid brass hinges have a steel interior, which takes the wear and friction, making them as durable as steel. The tension is adjustable, it can be entirely taken off while hinge is being fixed, and the door can be made to close as gently or powerfully as may be desired.

Two complete Spring Hinges sent to every pair.

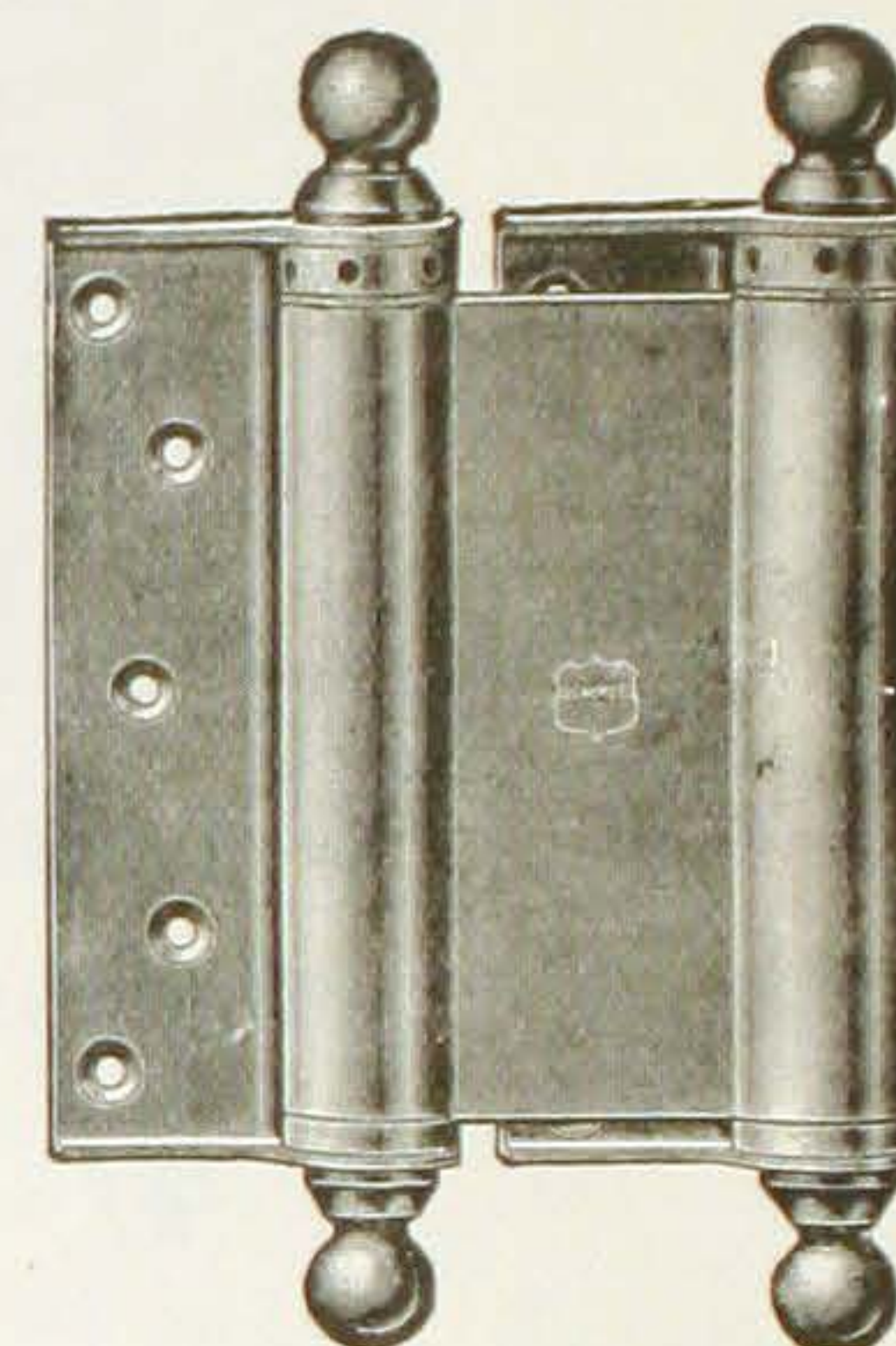
No blanks nor dummies.

Packed with Screws and Directions for fixing with each pair.



SINGLE ACTION.

No. PHS 2847	Japanned Steel.
No. PHS 2848	Brass Plated.
No. PHO 2849	Solid Brass, Polished.



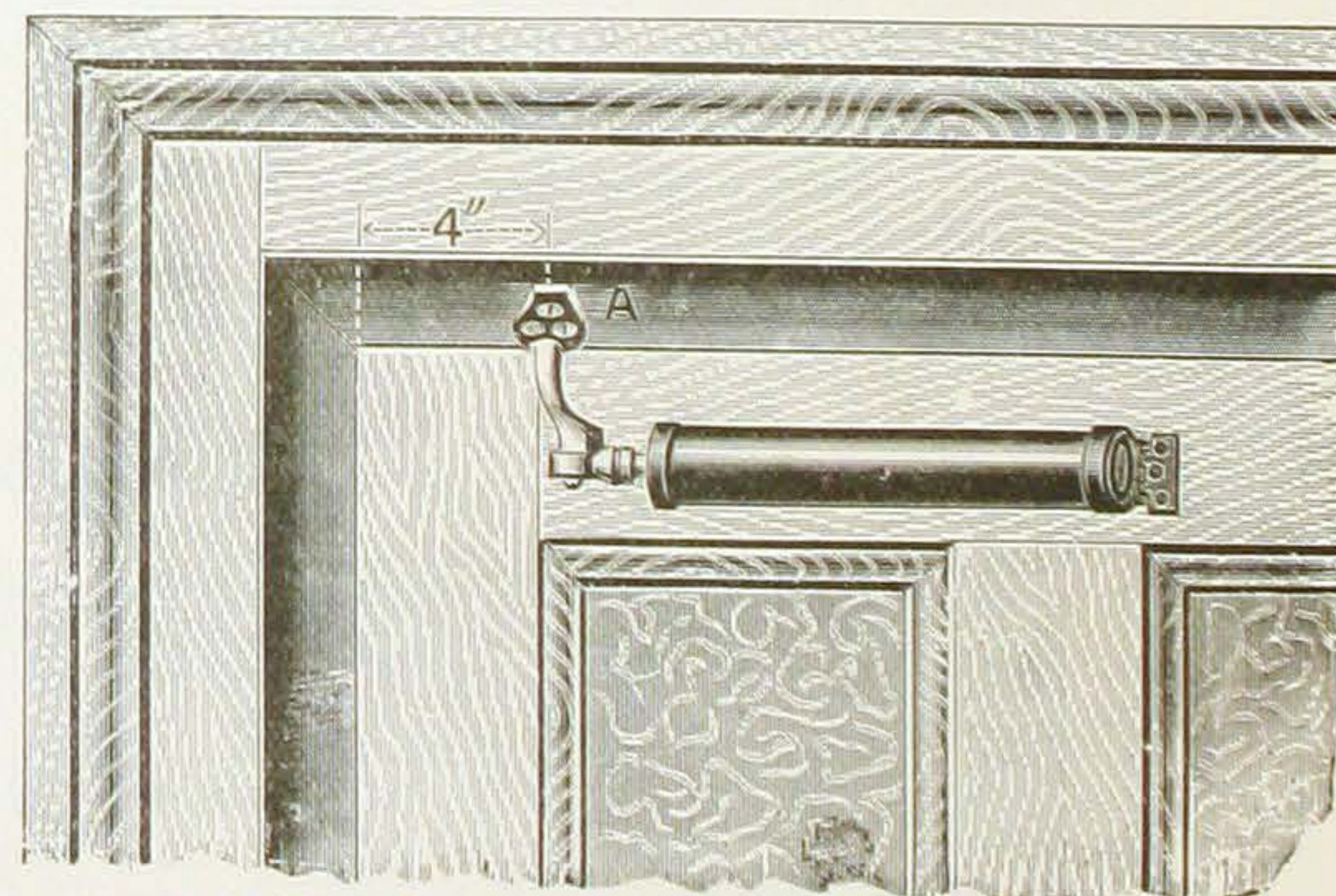
DOUBLE ACTION.

		3"	4"	5"	6"	7"	8"	10"
No. PHS 2847	Japanned Steel.	6/9	8/-	9/4	11/6	14/6	21/-	29/3 pair.
No. PHS 2848	Brass Plated.	8/9	10/10	12/9	15/9	20/6	29/3	— "
No. PHO 2849	Solid Brass, Polished.	21/6	26/9	32/-	40/3	51/3	68/9	— "
No. PHS 2844	Japanned Steel.	10/9	12/9	15/6	19/-	24/6	35/-	48/6 "
No. PHS 2845	Brass Plated.	14/9	17/8	20/10	26/4	34/-	48/6	67/- "
No. PHO 2846	Solid Brass, Polished.	39/-	44/-	54/-	67/-	85/6	114/4	155/9 "

*Stocked only up to 6".

The "NOISELESS" Door Check.

To Prevent Banging of Doors Closed by Springs.



No. PHS 2862 Nickel Plated, Complete with screws.
Size No. 1 Price 17/6 each. Size No. 2 For Heavy Doors, 23/- each.
Suits doors opening inwards or outwards, and either hand.

"B" Basis.

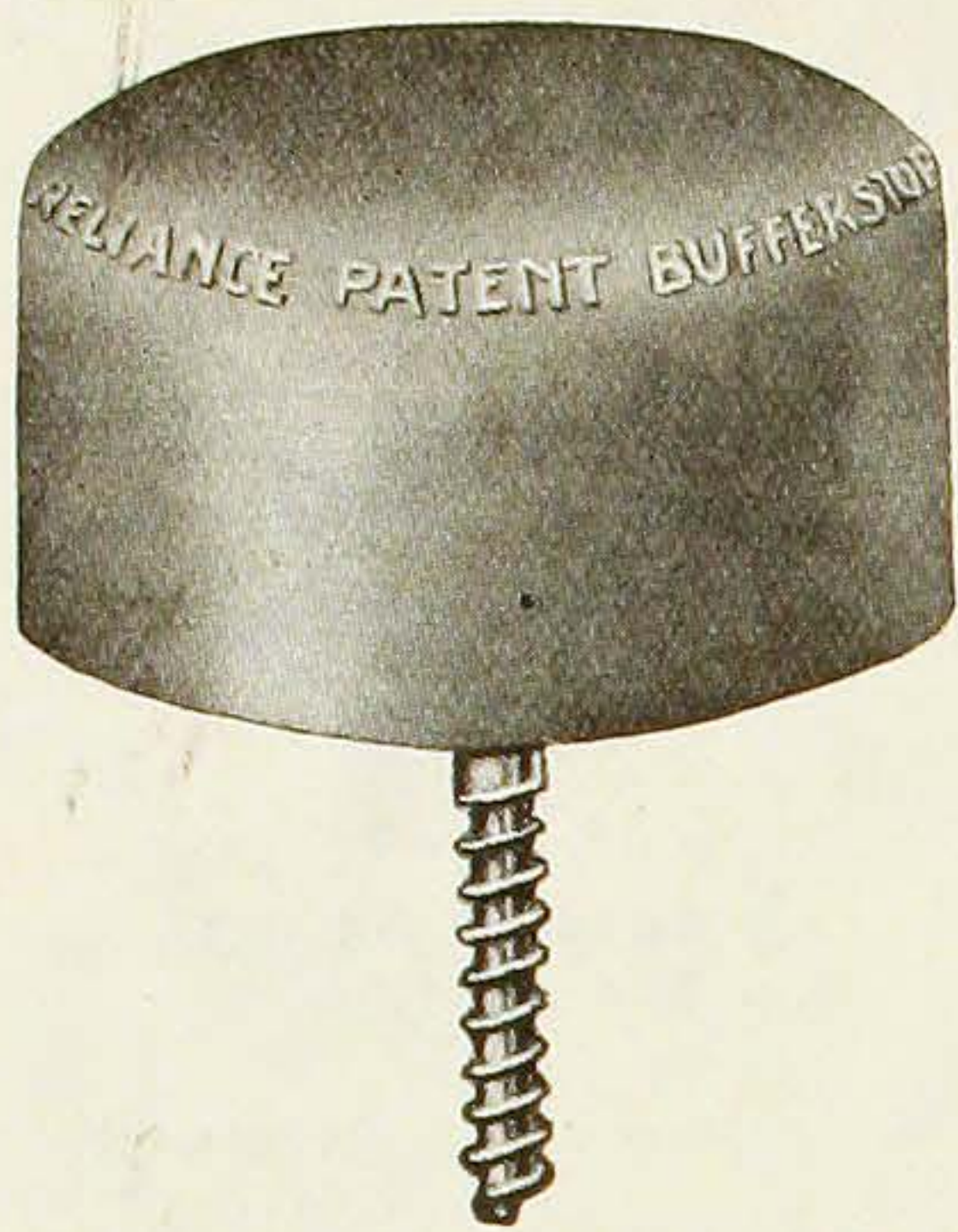
PHS—Stock Lines ;
PHO—To Order only.

Japanned Rod Door Springs.

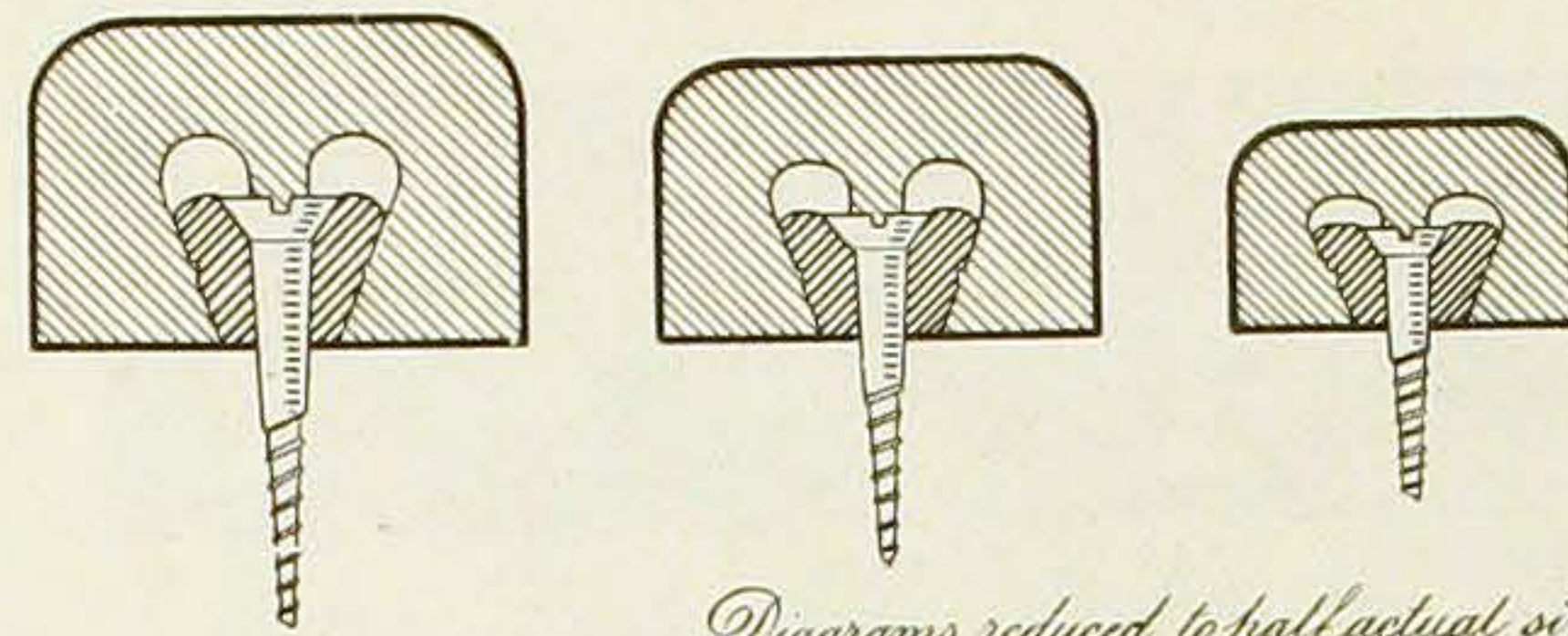
ORDINARY TYPE.

No. PHS 2872		12"	14"	16"	18"	20"	22"	24"	26"	28"	30"
X	Ordinary	2/1	2/3	2/4	2/6	2/9	2/11	3/2	3/5	3/7	3/9 each.
XX	Strong	2/6	2/8	2/11	3/-	3/3	3/6	3/9	4/-	4/3	4/6 "
XXX	Extra Strong	2/9	2/11	3/1	3/5	3/7	3/10	4/3	4/5	4/8	5/- "
XXXX	Very Strong	3/5	3/8	3/10	4/1	4/5	4/9	5/1	5/5	5/9	6/2 "

If with Brass Knobs, 7d. each extra.



Door Stops & Holders, Bale's Latches, etc.



No. PHS 6816

This door stop is designed with pneumatic cavities which add much to its resiliency, and being furnished in a suitable quality, really provides a shock absorbing Buffer in striking contrast with some of the cheap compounds now being offered, but which are really quite inefficient in use.

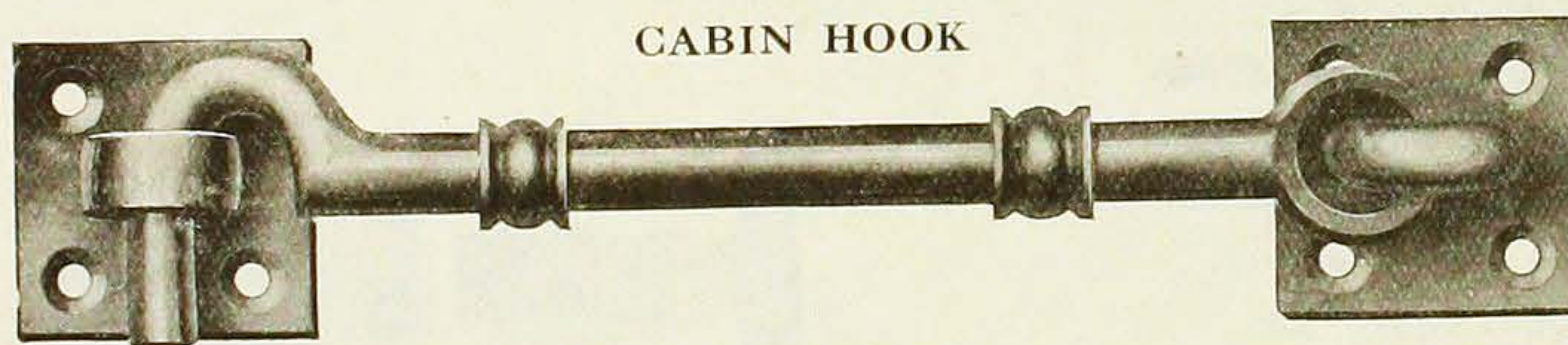
Three sizes are provided to suit special purposes. The large size is suitable for a Door Stop, or as a Wall Stop; the medium size is suitable for light doors, or as a Wall Stop, and is useful as a Foot Rest for furniture, show cases, boxes, etc. The small size is very suitable for furniture use or as a Motor Car Buffer, Sanitary Seat Buffer, and for many other purposes.

As may be seen by reference to the accompanying section, the Buffer is formed with a separate hard rubber Centre, which is fixed in any desired position, upright, sideways or upside down. The Rubber Door Stop is then pushed into place, when it is securely held. It is easily removable for sweeping and cleaning, and is easily replaced. Where it is desired to fix the buffer permanently, an application of seccotine, glue or rubber cement will make a permanent fixture.

With hard core for screwing down permanently.

Small	...	1 1/8" dia.	3/8" high.	31/2 gross.	2/8 doz.	3d. each.
Medium	...	1 3/8" "	7/8" "	63/- "	5/4 "	6d. "
Large	...	1 5/8" "	1" "	84/- "	7/2 "	8d. "

Stocked in large size only.



CABIN HOOK

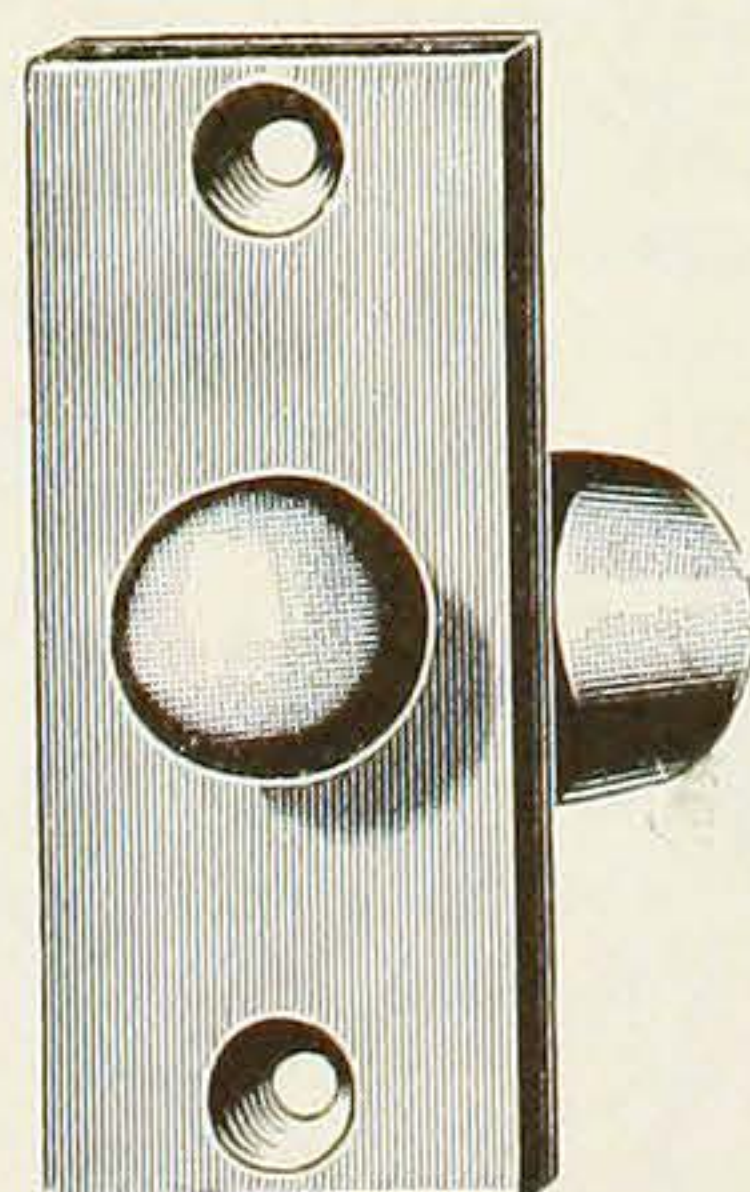
No. PHS 9200 Brass. Extra strong.
No. PHS 9204 Brass. Ordinary Strength.

No. PHS 9200	Size	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	10"	12"	18"
Dozen	17/2	22/-	—	26/3	29/4	36/9	42/-	45/6	56/-	75/3	126/-	—
Each	1/6	2/-	—	2/3	2/6	3/2	3/8	4/-	4/10	6/6	10/9	—
No. PHS 9204	Size	2 1/2"	3"	3 1/2"	4"	5"	6"	7"	8"	10"	12"	18"
Dozen	12/3	13/2	15/4	17/6	22/-	26/3	31/6	37/8	51/8	58/8	—	—
Each	1/2	1/3	1/4	1/6	2/-	2/3	2/9	3/3	4/6	5/-	—	—



No. PHS 5878

This pattern is adjustable.



No. PHS 2737

BALE'S BALL LATCHES. Brass.

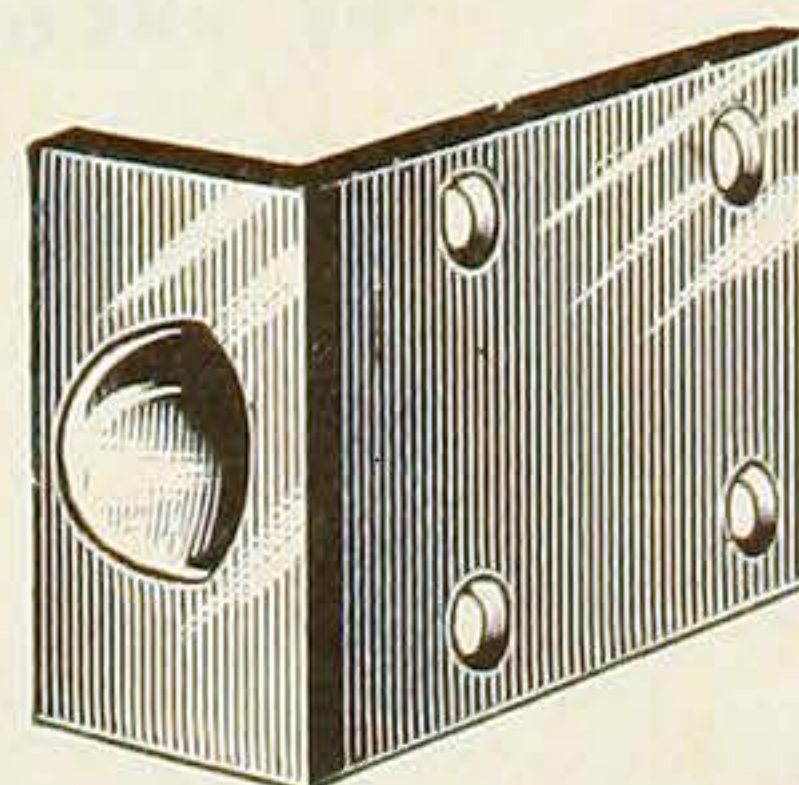
No. PHS 5878

Adjustable.	Size No.	2a	3a	4	5	6	7	8	9	9a
1 1/4"	...	13/3 dozen.	1 1/4"	1 1/2"	1 5/8"	2"	2 1/4"	2 1/2"	2 3/4"	3"
1 1/2"	...	16/9 "	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 5/8"	...	22/4 "	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	...	24/6 "	2"	2"	2"	2"	2"	2"	2"	2"
2 1/4"	...	33/9 "	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"
2 1/2"	...	38/6 "	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
2 3/4"	...	45/6 "	2 3/4"	2 3/4"	2 3/4"	2 3/4"	2 3/4"	2 3/4"	2 3/4"	2 3/4"

No. PHS 2737

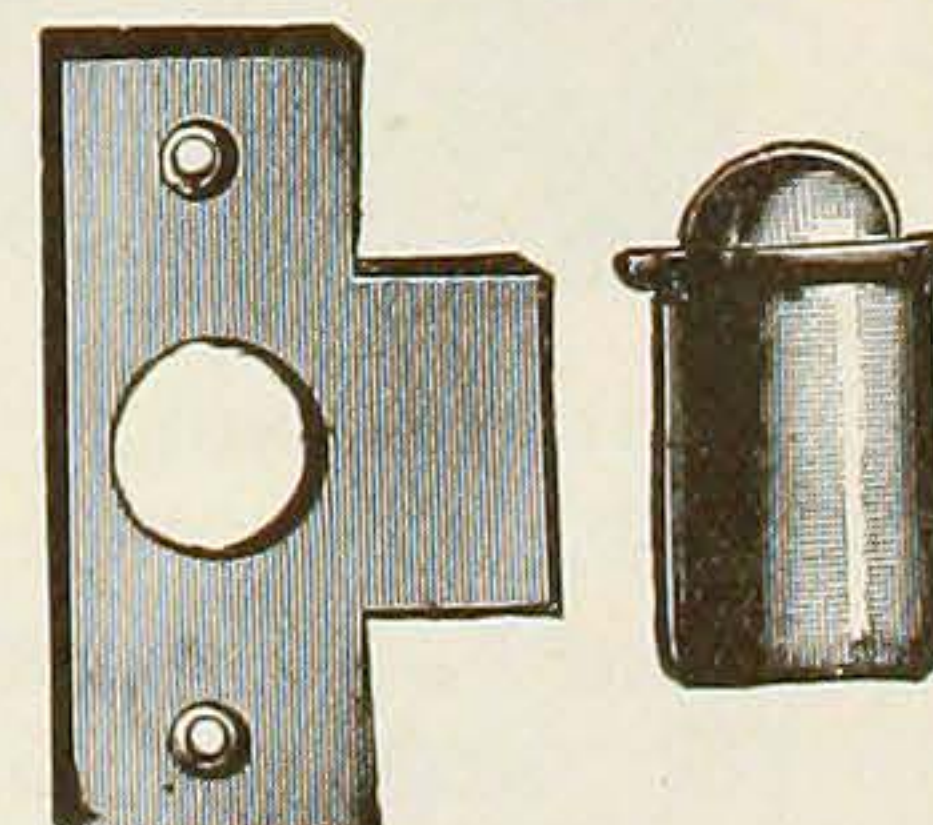
Size No.	2a	3a	4	5	6	7	8	9	9a
Front Plate	1 1/8"	1 1/4"	1 1/2"	1 5/8"	2"	2 1/4"	2 1/2"	2 3/4"	3"
Dia. of Bolt	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"
Per dozen	6/8	6/8	8/-	10/6	13/2	17/2	22/4	29/6	39/6

FLUSH AND BALL CATCHES.



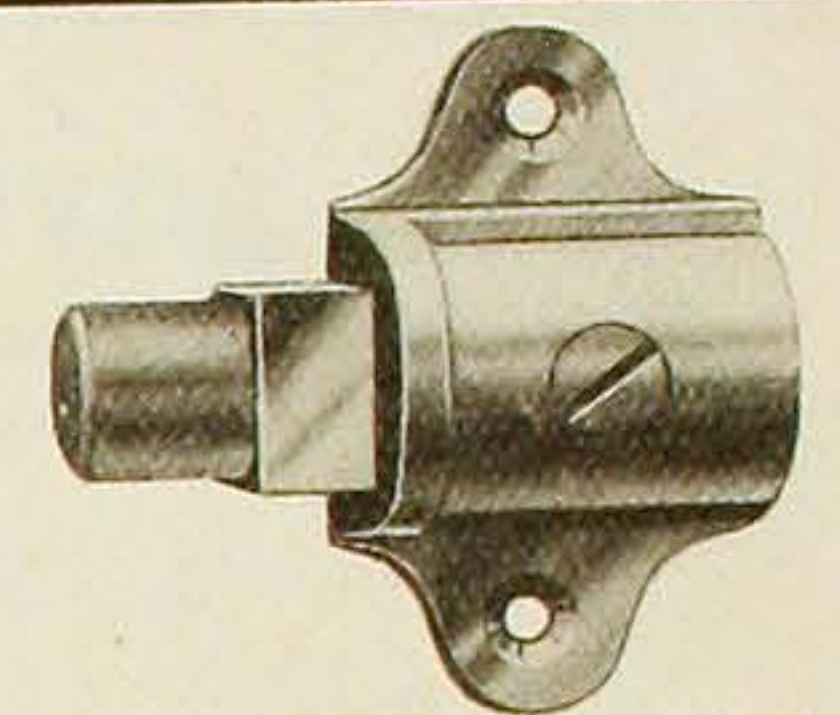
No. PHS 2698 Brass.

Size of Front Plate.	dozen.	each.
1" x 3/4"	10/6	1/-
1 1/4" x 1"	11/6	1/1
1 1/2" x 1 1/4"	15/4	1/5
1 1/2" x 1 1/2"	19/3	1/9



No. PHS 2699 Brass.

Size.	gross.	dozen.
1 1/4"	19/3	1/9
1 1/2"	21/-	1/11
1 3/4"	21/-	1/11
2"	40/3	3/6
2 1/4"	50/-	4/4



No. PHS 6817

Size 2"

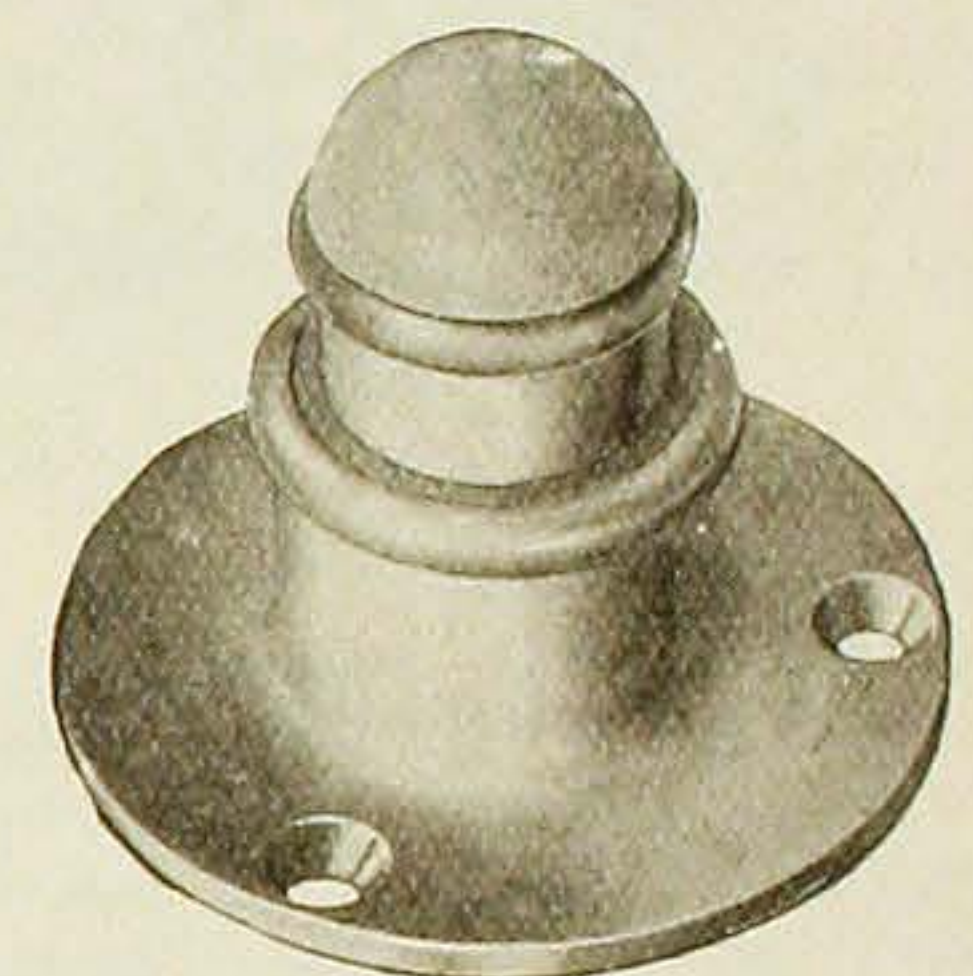
Solid Rubber, Red and Drab

Dia.	high.	gross.	doz.
Small 1 3/16"	1"	20/3	1/9
Med. 1 7/16"	7/8"	28/6	2/6
Large 1 9/16"	7/8"	36/4	3/2

Stocked in medium and large only.

	dozen.	each.
Berlin Black	10/6	1/-
Sheradized B.B.	11/6	1/1
Parwinac Fin.	11/6	1/1
Polished Brass	26/3	2/3
C.B.&R. on Brass	29/9	2/7
B.M.A.	31/6	2/9

Stocked in B.B. and Brass only.

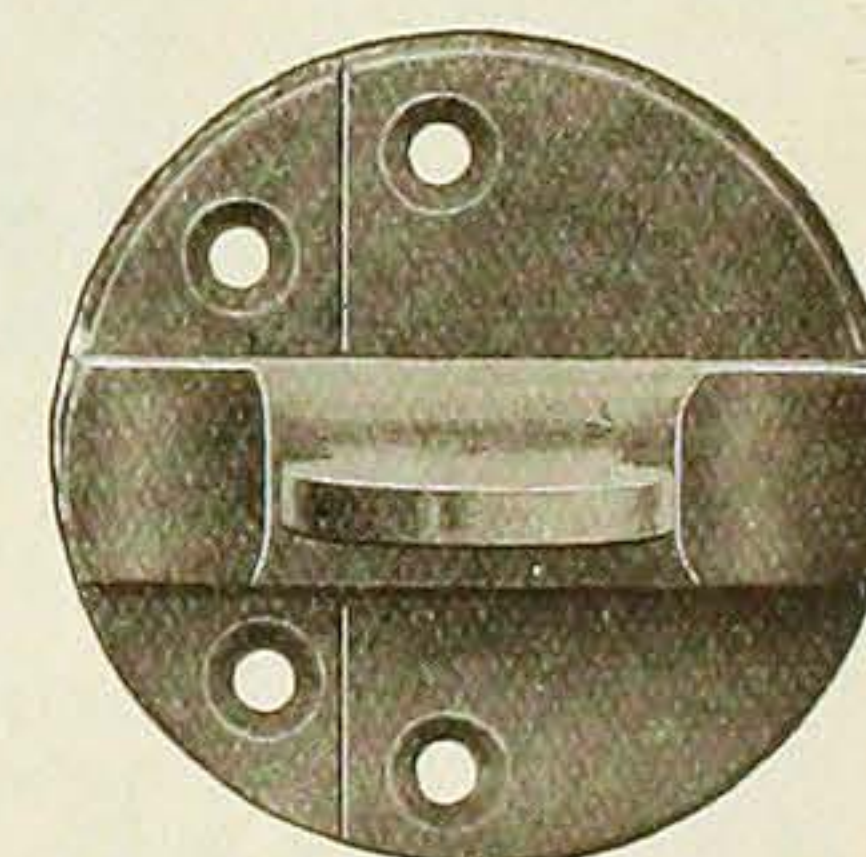


No. PHQ 6825

Brass	...	8/9 each.
B.M.A.	...	10/6 "

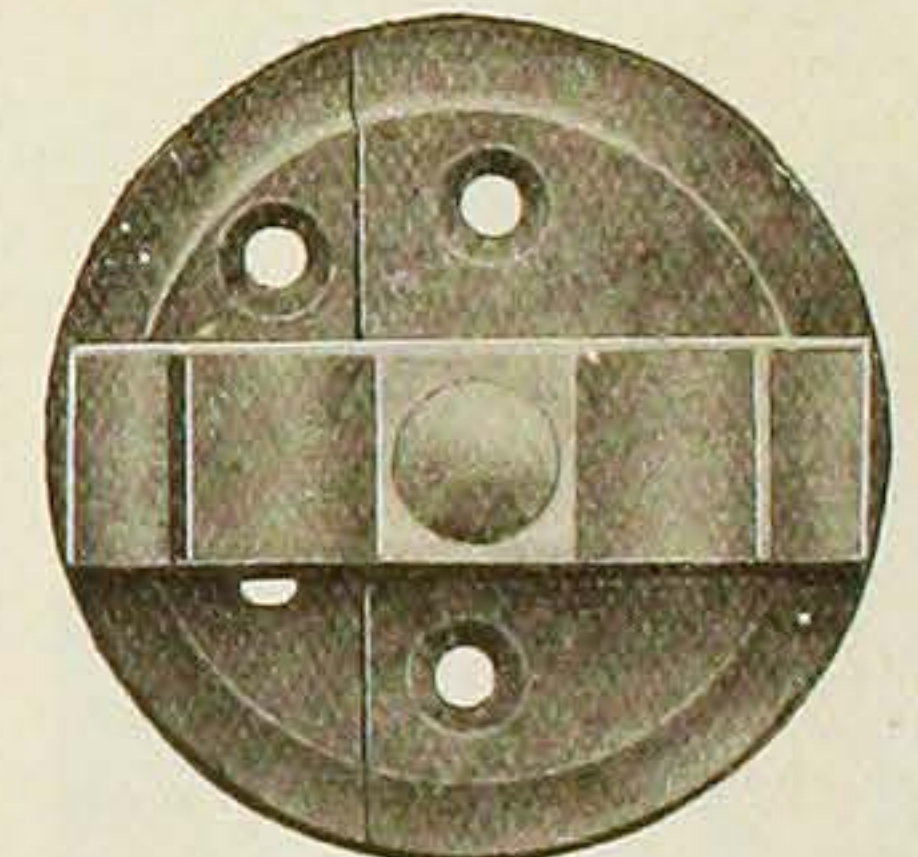
No. PHQ 6825
Spring Pattern, with Rubber Plug.

TURN BUTTONS ON PLATES. Brass.



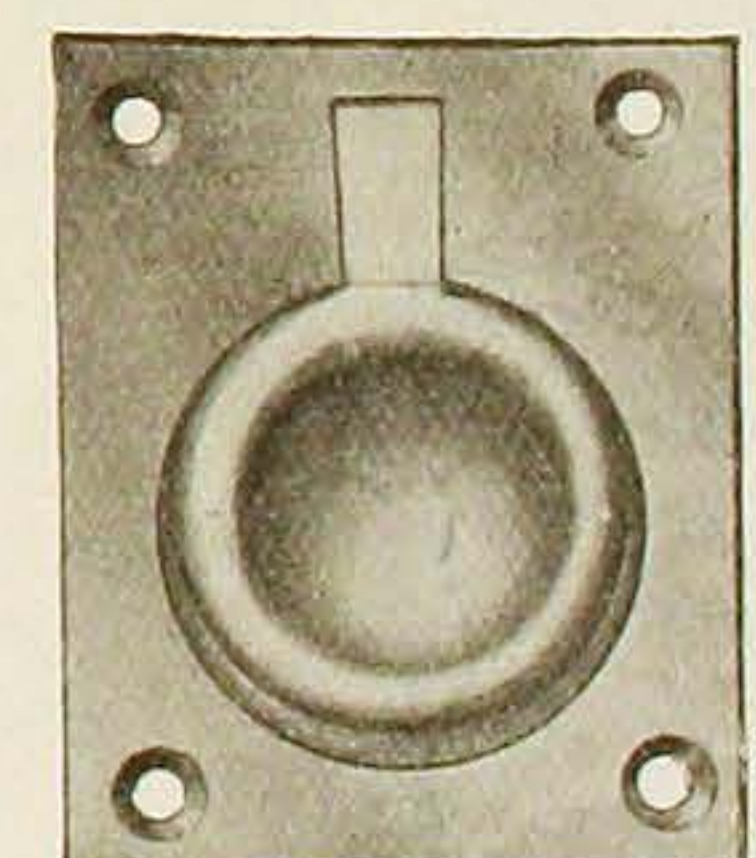
No. PHS 2785

Size	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"
No. PHS 2784	6/9	8/3	9/9	12/-	15/3 dozen.
	8d.	9d.	11d.	1/1	1/5 each.
No. PHS 2785	8/6	10/-	12/-	14/2	17/9 dozen.
	9d.	11d.	1/1	1/3	1/7 each.



No. PHS 2784

FLUSH RINGS.

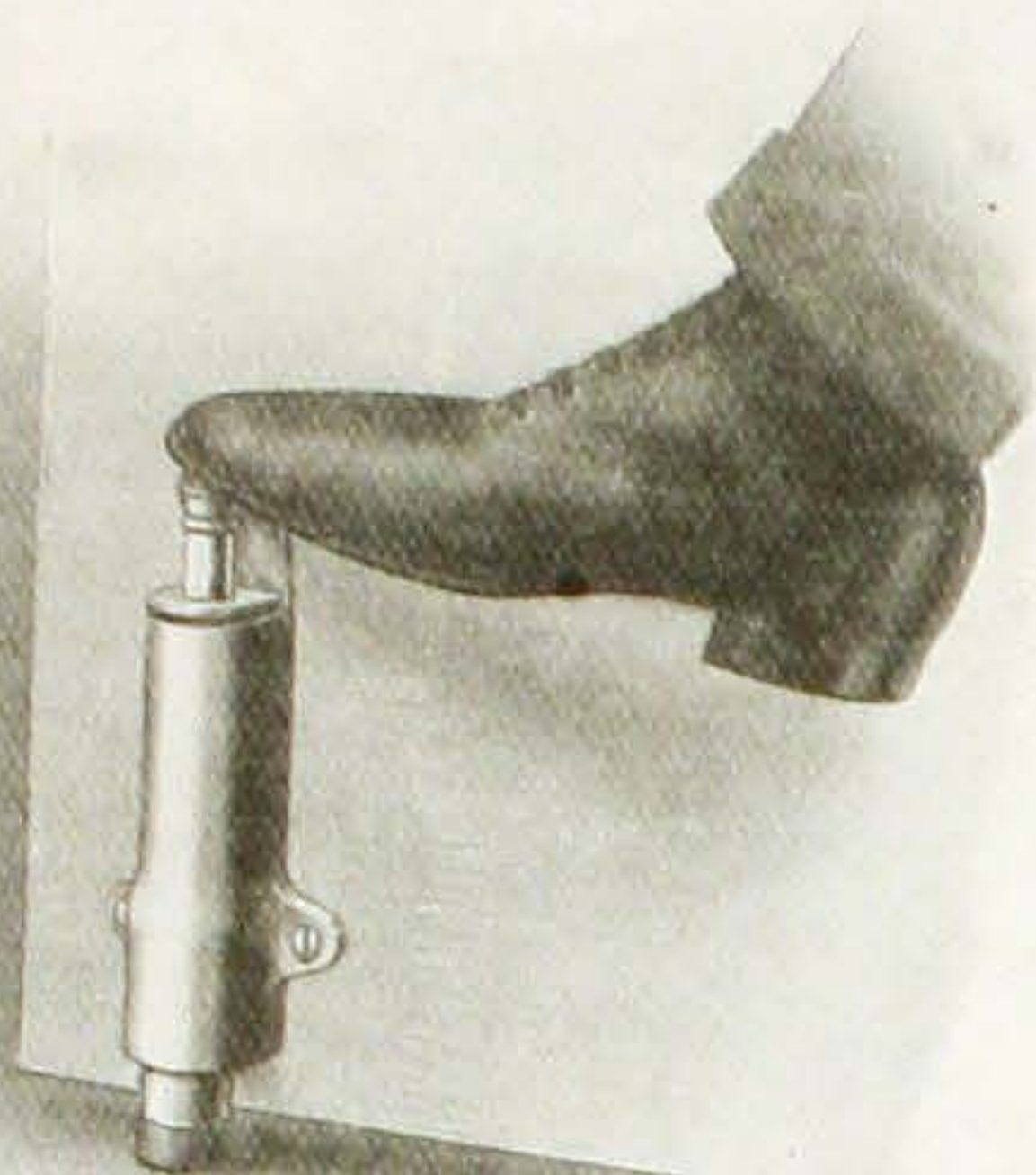


No. PHS 5874 Brass.

*1 7/8" x 1"	...	8/6 dozen.
*2 1/4" x 1 1/4"	...	12/6 "
2 5/8" x 1 1/2"	...	17/- "
1 5/8" x 1 3/8"	...	10/- "
1 7/8" x 1 7/16"	...	11/3 "
2" x 1 3/8"	...	12/8 "
*2" x 1 1/2"	...	14/9 "
2 3/8" x 1 3/4"	...	17/- "
*2 1/2" x 2"	...	19/8 "
2 7/8" x 2"	...	21/- "
*3" x 2 1/4"	...	29/6 "
*3 3/4" x 2 3/4"	...	46/3 "

*Stock sizes.

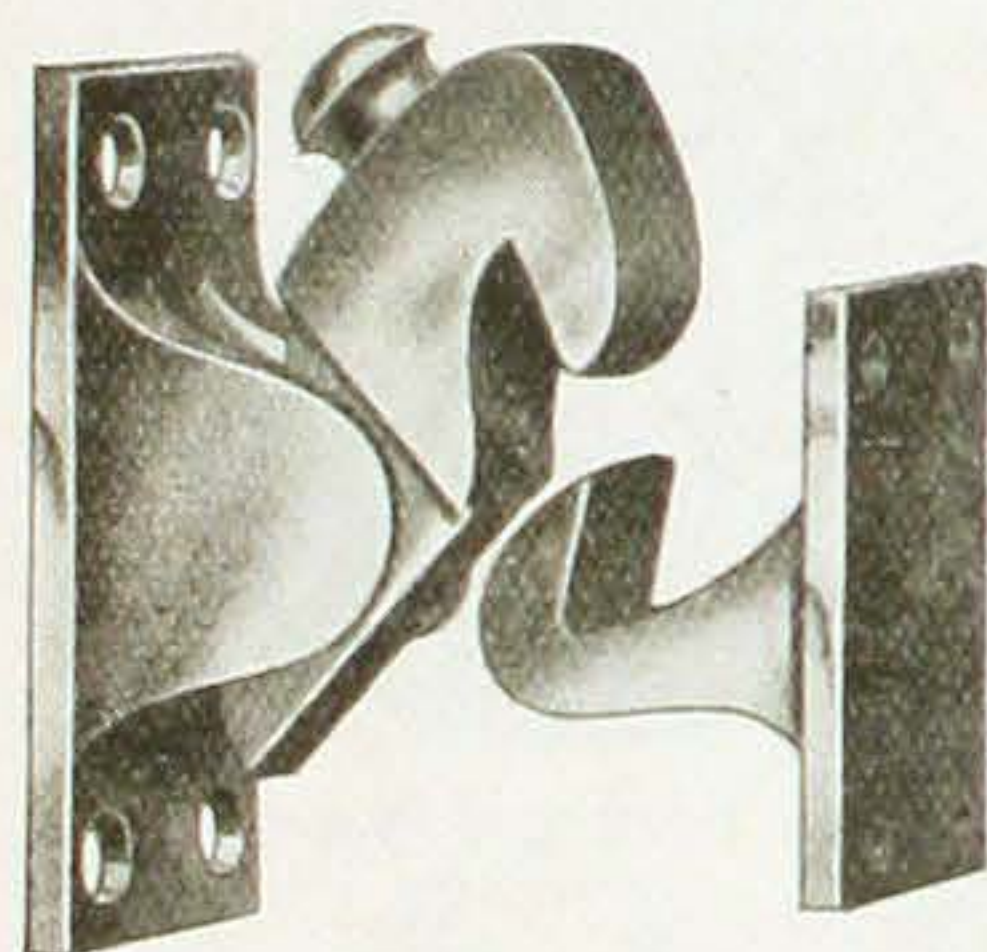
Door Stops and Holders



No. PHS 5740 Bronzed Iron, 4/3 each.
No. PHS 5741 Bronze Metal Polished, 8/6 each
 Fitted with Rubber Plug.

These Door Holders are easily fixed (as shown in illustration) on the Stile or in the centre of the door, and are instantly put in or out of use, simply by pressure of the foot. They will hold Door open at any desired angle, on wood, tiled or carpeted floors. Especially suitable for Hospitals and other Public Buildings, Offices, etc.

DOOR HOLDER.

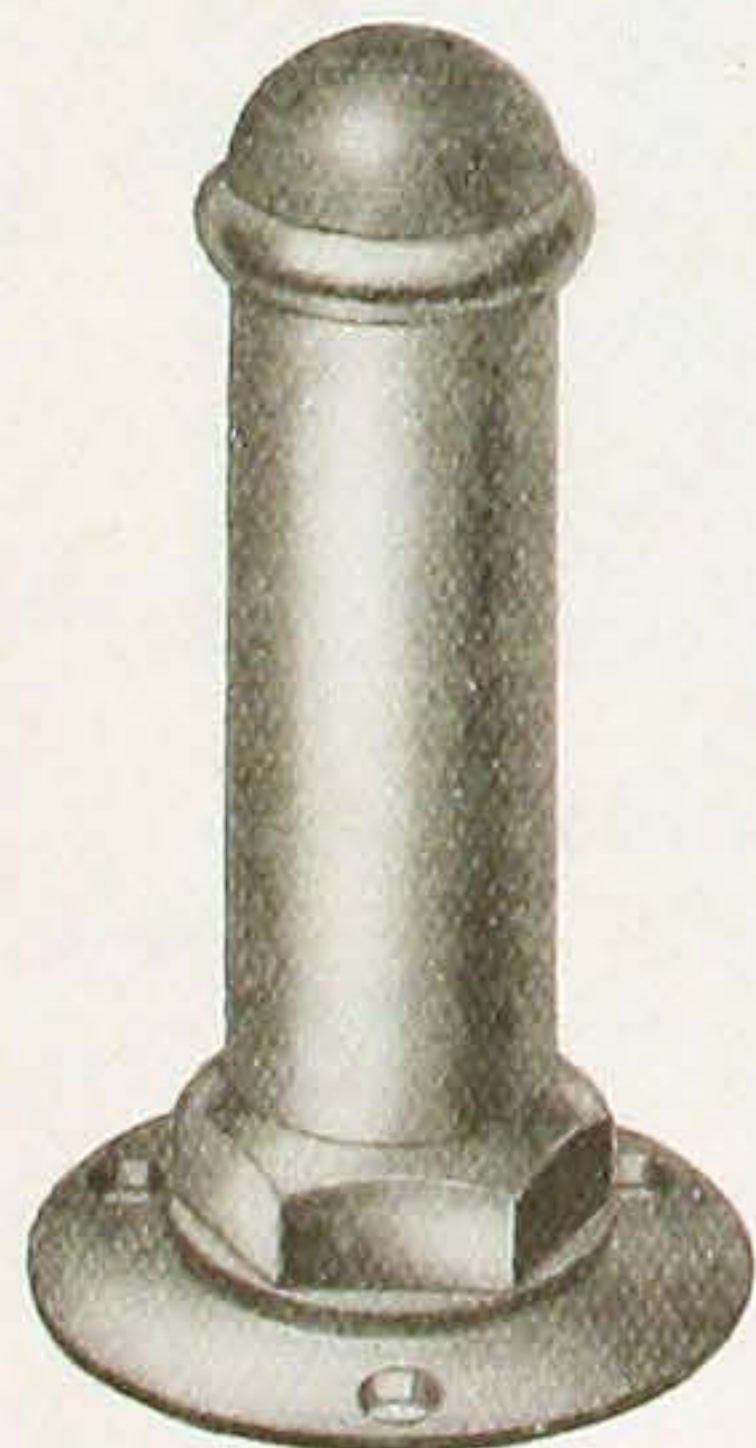


No. PHS 5883

Scale approx. $\frac{1}{2}$ size.

Berlin Black...	1/6	each.
Sheradized B.B.	1/9	"
Parwinac Finish	1/9	"
Polished Brass	4/6	"
C. B. & R. on Brass	5/3	"
Bronze Metal Antique	6/2	"

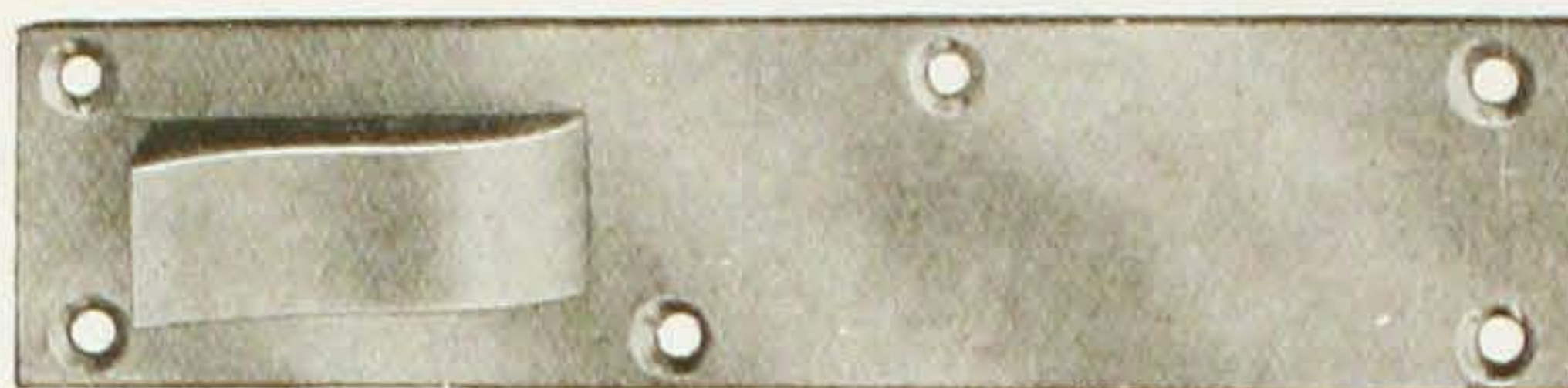
*Stocked only in B.B. and Brass.



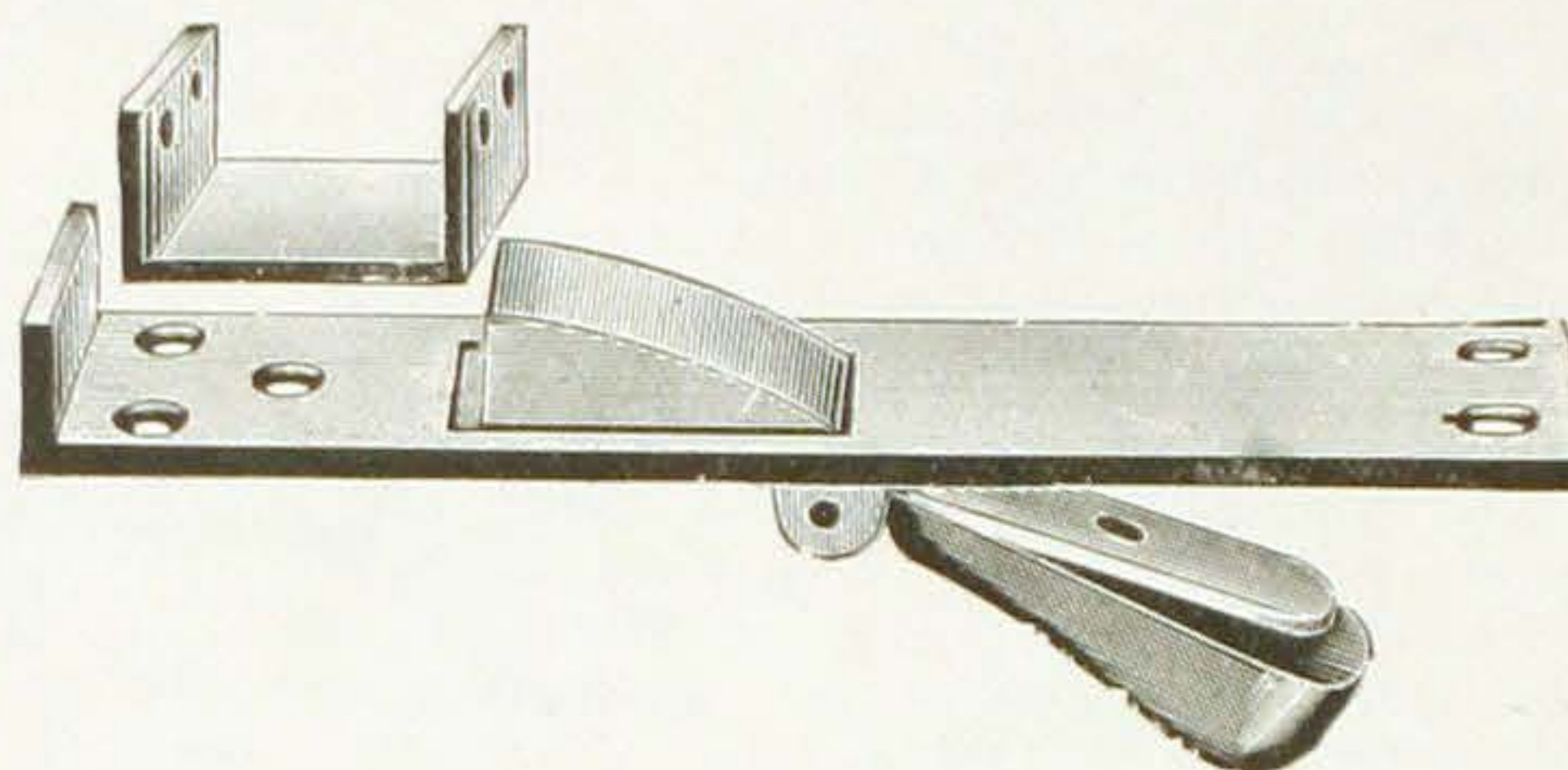
No. PHQ 6818

Fixed with Rubber Plug.

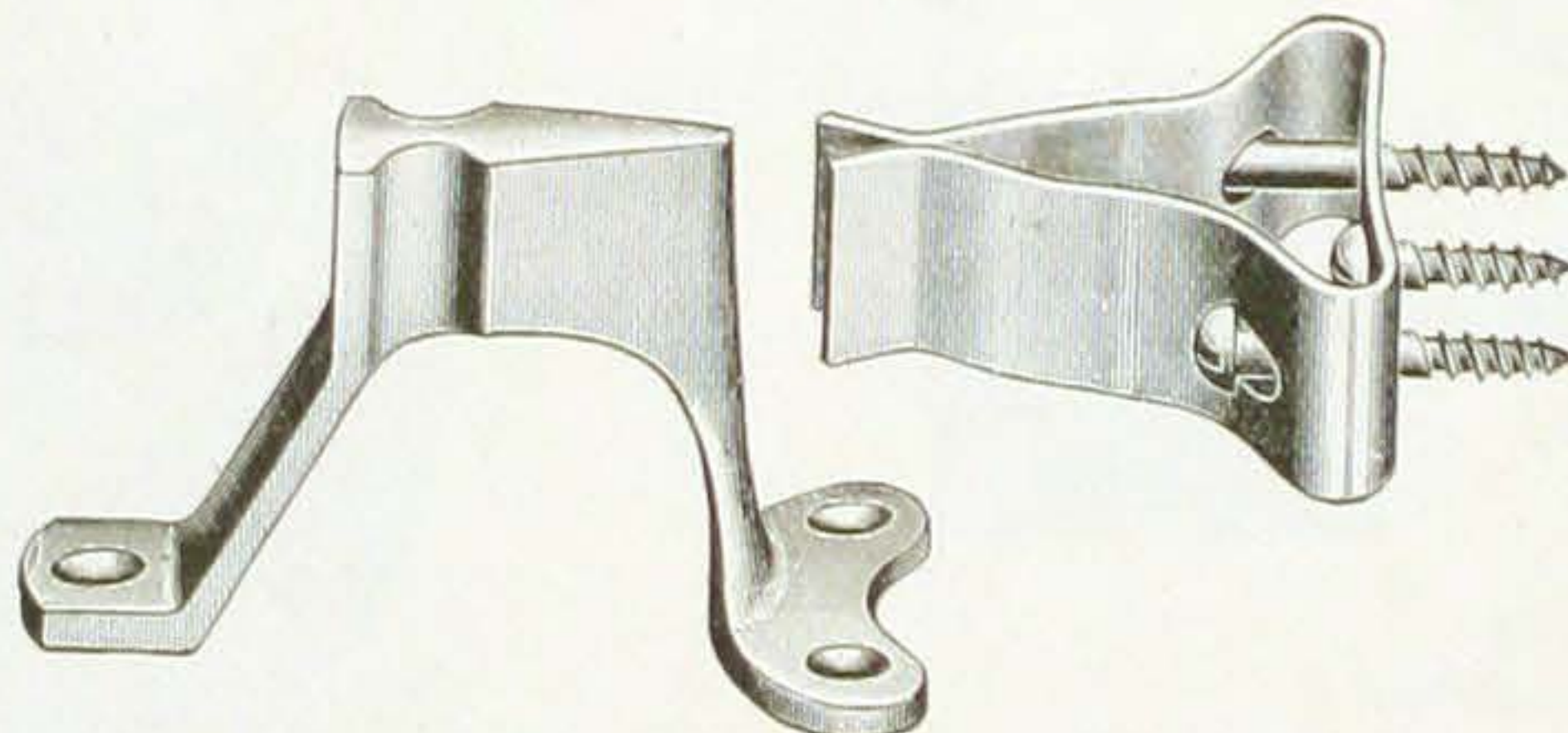
Size	2"	3"	4"
Brass	4/6	5/3	6/3 each.
B.M.A.	5/3	6/3	7/- "



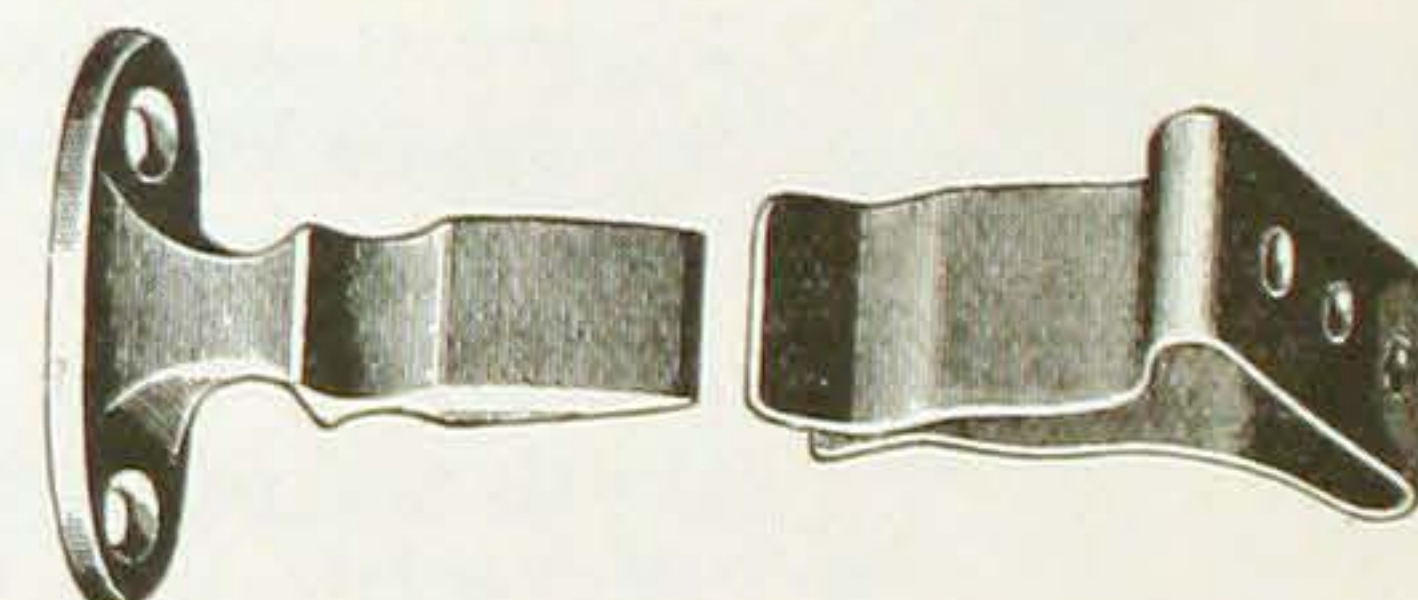
No. PHS 5879 6" x 1 1/2". Fitted with Spring.
 Brass, 2/10 each. Bronze, 3/3 each.
 Bronze Metal Antique, 3/6 each.
 Stocked only in Brass and B.M.A.



No. PHS 5882 Weighted, 8 1/2" x 1 1/2"
 Polished Brass ... 7/3 each.
 Polished Bronze Metal ... 9/3 "
 Bronze Metal Antique ... 9/3 "
 Stocked only in Brass.

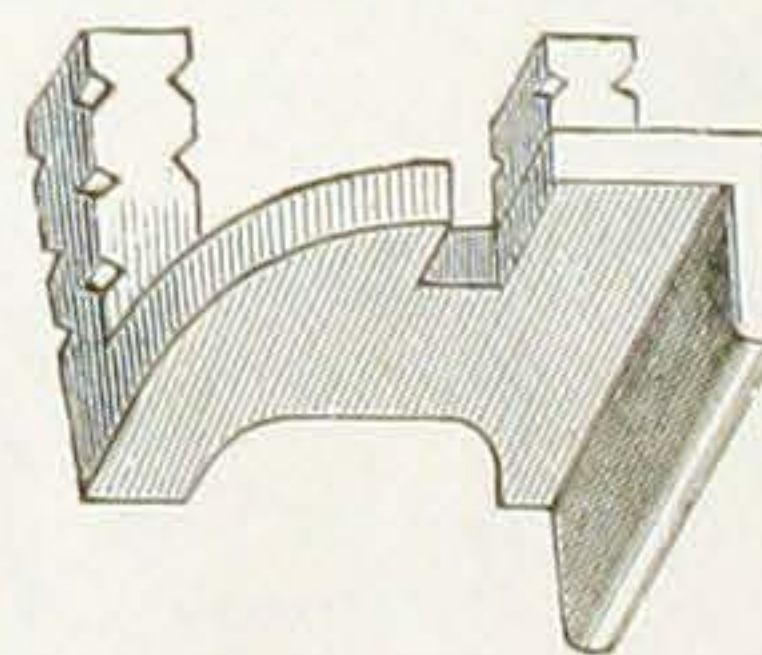


No. PHS 5881 To fix on floor and door.
 Japanned Iron ... 10d. each.
 A.C. on Iron ... 1/8 "
 Bronze Metal, Polished ... 3/9 "
 Stocked only in Japanned Iron and Bronze Metal.



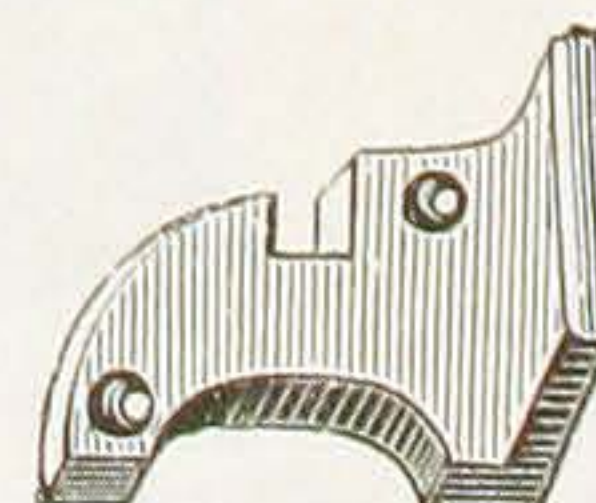
No. PHS 5880 To fix on wall and door.
 A.C. Bronzed Iron ... 1/6 each.
 Japanned Iron ... 10d. "
 Bronze Metal Polished ... 3/- "
 Stocked only in Japanned Iron and Bronze Metal.

STOP CATCHES FOR GATES, Etc. Of the best Cast Malleable or Wrought Iron.



For Stone.

No. PHS 6820	Black.	doz.	each.
3 1/4" x 2 1/4" x 1 1/4"	...	17/6	1/7
3 1/4" x 2 1/4" x 2"	...	20/3	1/10
3 1/4" x 2 1/4" x 2 1/4"	...	22/9	2/-



No. PHS 6822 For wood.

Black, 3 1/4" x 2 1/4" x 1 1/4"	12/3 dozen, 1/2 each.
Black, 3 1/4" x 2 1/4" x 2"	15/- dozen, 1/4 each.



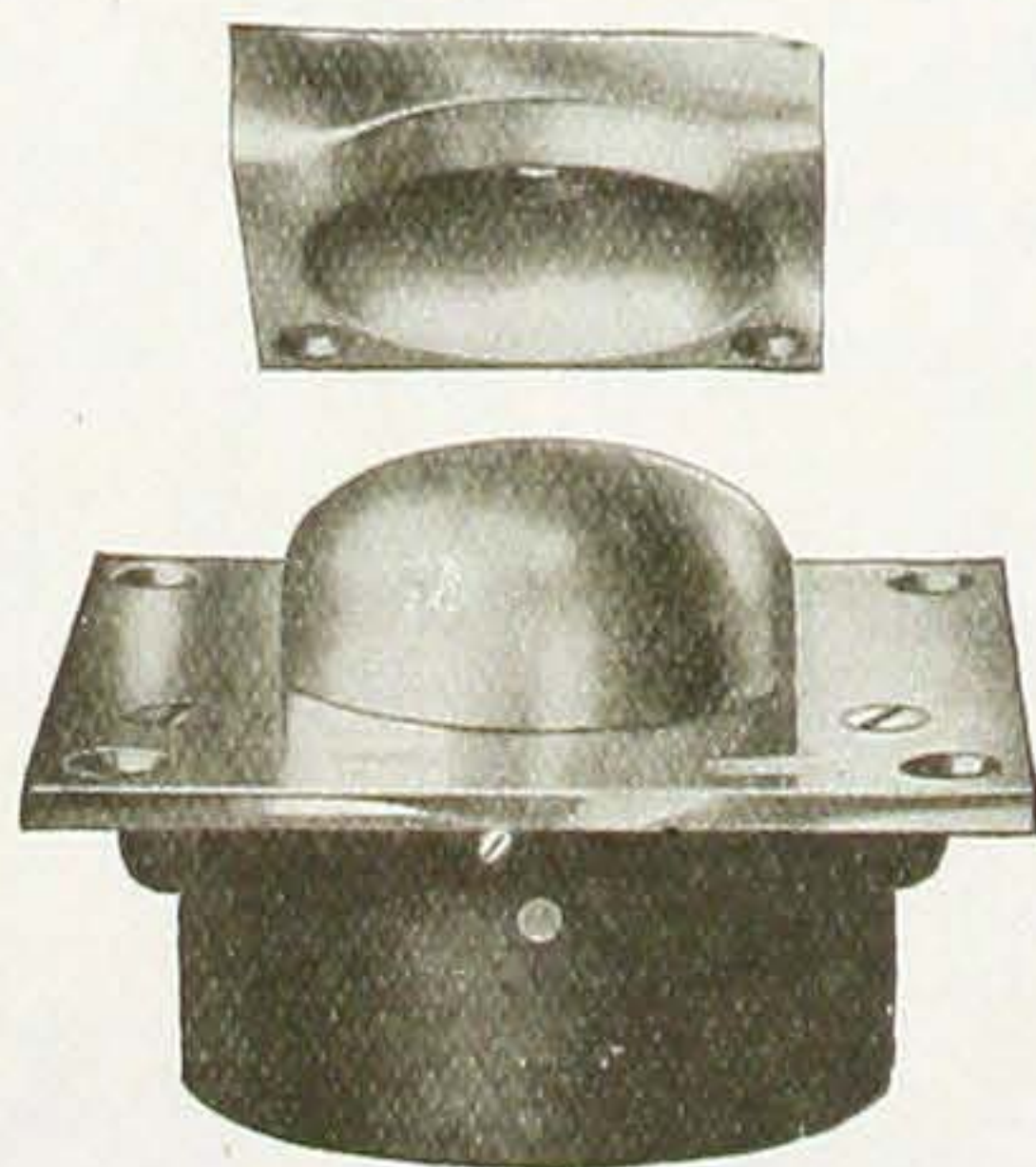
No. PHS 5893
 For wood floors.

	3"	2 1/2"
	square	square
	each.	each.
Polished Brass	7/9	6/9
Polished Bronze		
Metal	10/-	8/6
B.M.A.	10/-	8/6
Stocked only in Brass.		



No. PHS 5894
 For stone or granolithic.
 2 1/2" dam.

Brass	7/9	each.
Bronze Metal	10/-	"
B.M.A.	10/-	"
Stocked only in Brass.		



**ADJUSTABLE
 DOOR STOP.**

No. PHQ 6819

Iron Box, Metal Plate, Stop and Door Plate.

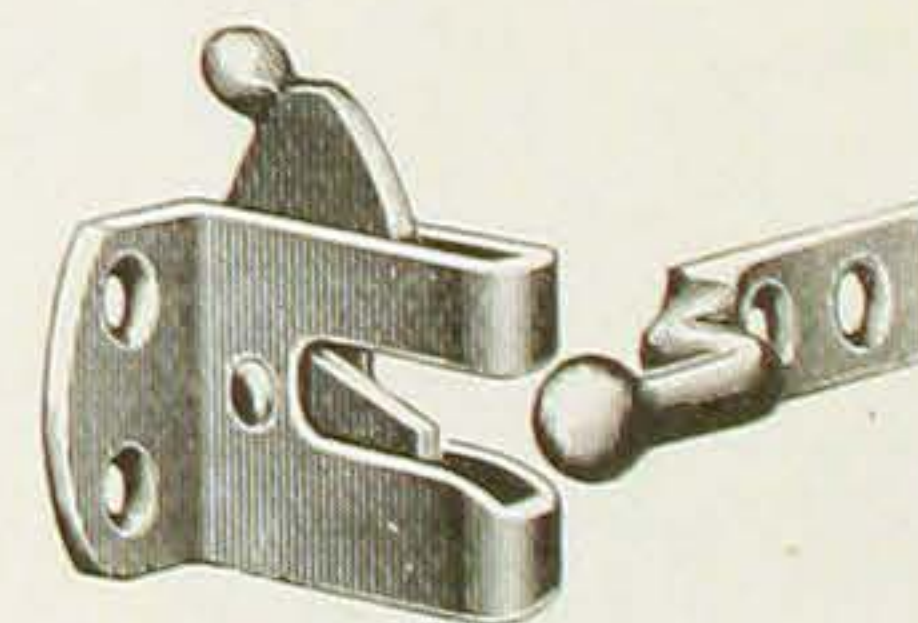
Top Plate, 3 1/4" x 3 1/4"

Brass ... 9/4 each.

A. C. B. & R. ... 10/2 "

Bronze Metal Antique 11/6 "

To suit stone floor, same price.



No. PHS 6821

Closes automatically.

Plate 2" x 1 1/2", projection 2"			
Japanned.	Galvanized.		
doz. each.	doz. each.	doz. each.	
13/3	1/3	15/9	1/5
Plate 4" x 2 1/2", projection 2 1/2"			
36/9	3/3	42/-	3/8
Not stocked Galvanized Finish.			



No. PHS 6823

For Concrete Posts.

Black, 21/- dozen, 1/11 each
 for 4" posts. Other sizes to order.

The "New Togo" Single Action Oil Check and Spring.

MECHANICALLY CORRECT

TO SUIT DOORS OF EITHER HAND

DOUBLE HANDED

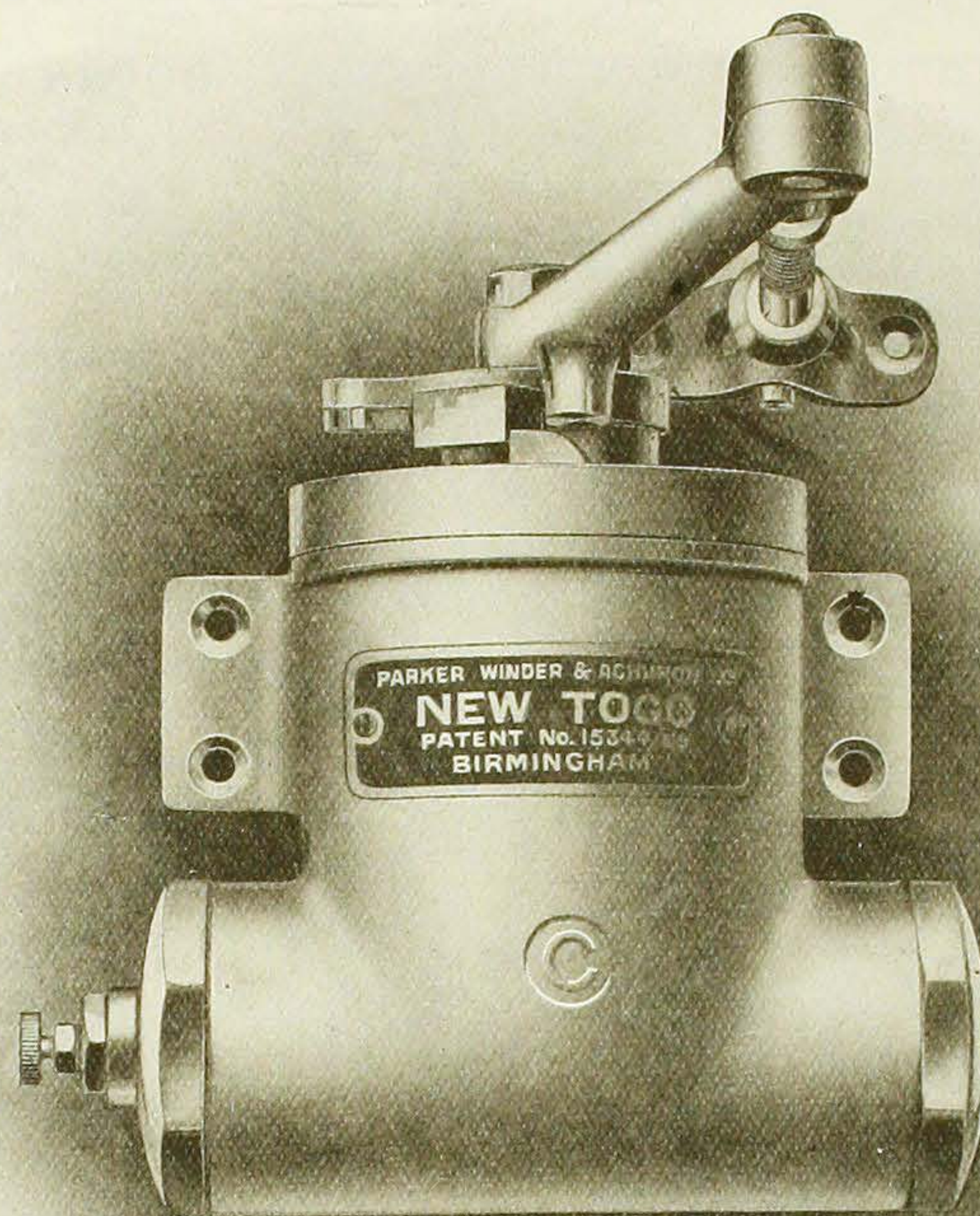
IT SHUTS DOORS QUICKLY WITHOUT SLAMMING.

The steel spring is of the finest temper, and closes the door smartly; but as the power of the check cannot be entirely removed, it is impossible for the door to slam. Will suit right or left hand doors on either side without alteration.

All British.

Interchangeable parts.

Any pattern Bracket for fixing can be supplied.



An Oil Check which will work for years without attention.

The "New Togo" Door Checks are never returned because they are **double-handed**, carpenters therefore need not tamper with the Spring.

Noiseless in working. Strong Spring and splendid Check.

Almost human in action

Coil being flat enables a much longer spring to be employed, giving resiliency and life.

No. PHS 3073

In recommending the "NEW TOGO" Liquid Door Check and Spring, we do so with the greatest confidence, knowing through years of valuable experience the disadvantages and advantages of other Checks. We can therefore safely commend the "NEW TOGO" as being better than them all, combining the three essentials of a perfect Check; neat and unobtrusive appearance; strength to operate all sizes of doors under any and all conditions; Durability to withstand the severe strain to which a door check is at all times subjected. **The "NEW TOGO" Check can be applied to either a right or left hand door without reversing either the arm or spring.** This changing of hands is a constant source of trouble and damage to Checks, and often necessitates repairs. In the "New Togo" Check a strong coil wire spring is employed, thereby reducing all possibility of a breakage to a minimum. In practically all other liquid checks a flat band spring is used. Comment upon the liability of breakage with this pattern of spring is unnecessary, the facts being only too well known to us and all users of this type of check.

All parts used are interchangeable, each being machined to a high degree of accuracy on specially designed machinery.

Immediately the door is released and the spring starts the closing movement, the check comes into operation, with increasing resistance as the door approaches the closing point, until finally the door is closed without noise.

The horizontal cylinder containing the checking device, is filled with special oil, which is **unaffected by climatic conditions**, and whose specific gravity remains the same under all circumstances.

The check regulating screw, being placed at the end opposite to the checking end of cylinder, is not subjected to any pressure whatever, preventing any liability to leak.

Each "New Togo" Door Check is severely Tested on a door above its usual capacity, before being sold.

Always see that a door check of the right capacity is used, and that the fixing instructions are faithfully carried out. If the door is subject to strong draughts use one size larger than specified.

SPECIAL BRACKET FOR THE "NEW TOGO" For Doors opening outwards.

Instructions for fixing Check and Spring on Bracket on the side opposite to the Hinge Side of Door.

To fix a Check on this side a Bracket must be used.

		Statuary Bronze			
Size.		Gold Bronze.	or Antique Coppered.	Nickel Plated.	
O	For Screen Doors	29/6	33/9	35/9	each.
A	For Light Doors	35/9	42/-	44/3	"
B	For Ordinary Doors	42/-	44/2	51/4	"
C	For Ordinary Outer Doors	52/6	60/10	63/-	"
D	For Heavy Doors	67/3	77/9	80/10	"
E	For Extra Heavy	84/-	96/8	100/10	"
Stocked only in Gold Bronze and Statuary Bronze.					
Brackets as Fig. No. 1 extra :-					
No.		O	A	B	C
Gold Bronze	...	2/1	2/8	3/3	3/8
Statuary Bronze	...	4/2	5/3	6/4	7/4
Antique Coppered or Nickel Plated	...	4/2	5/3	6/4	7/4
Measurements for fixing different sizes of Checks :-					
See Fig. 1.					
Size	...	O	A	B	C
At E (distance from centre of Hinge)	...	2"	3"	3 1/2"	4"
From Door Jamb to Centre of Arm Bracket (A)	...	6"	8"	9"	10"
					11"
					12"

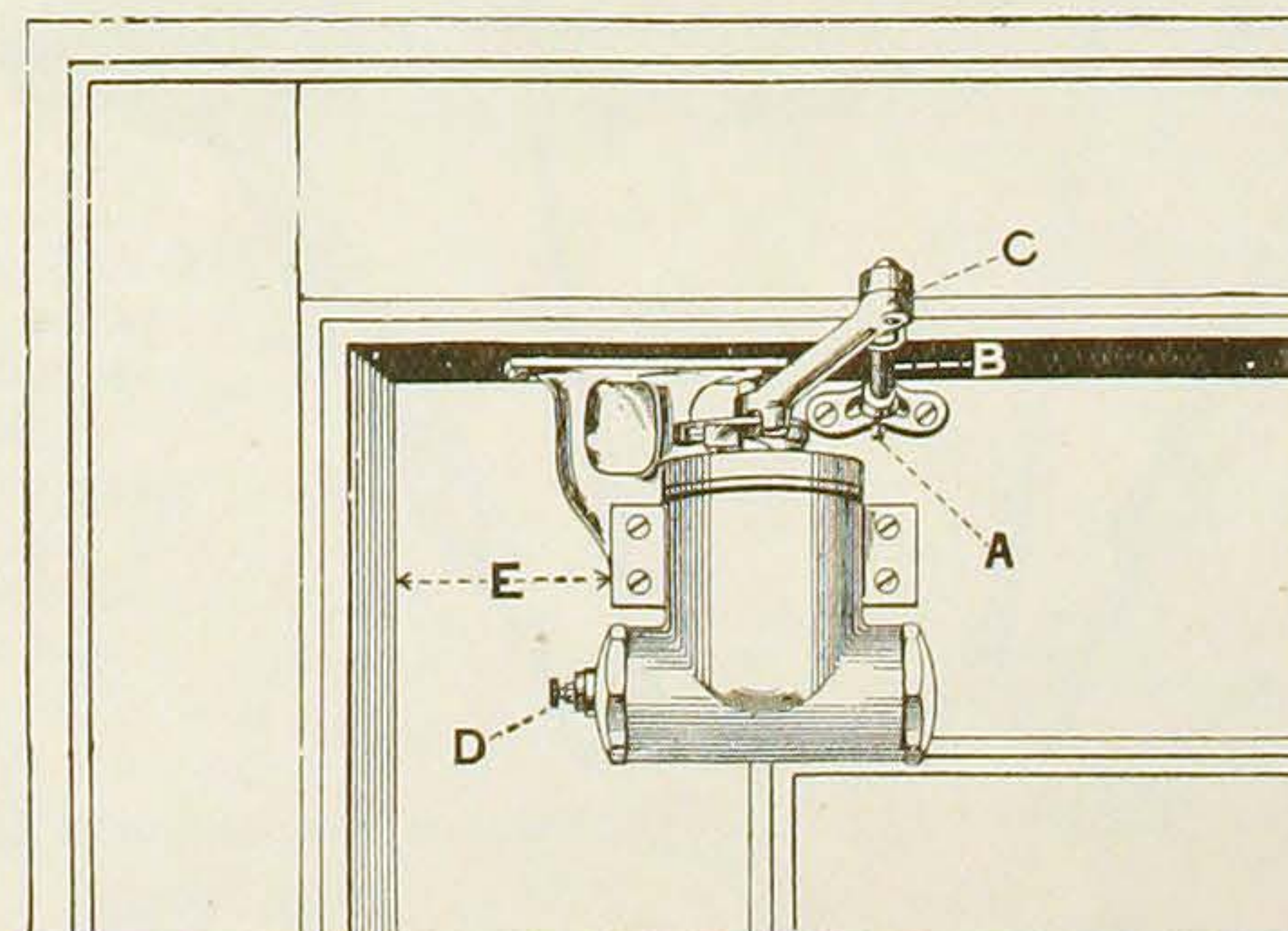


Fig. 1.

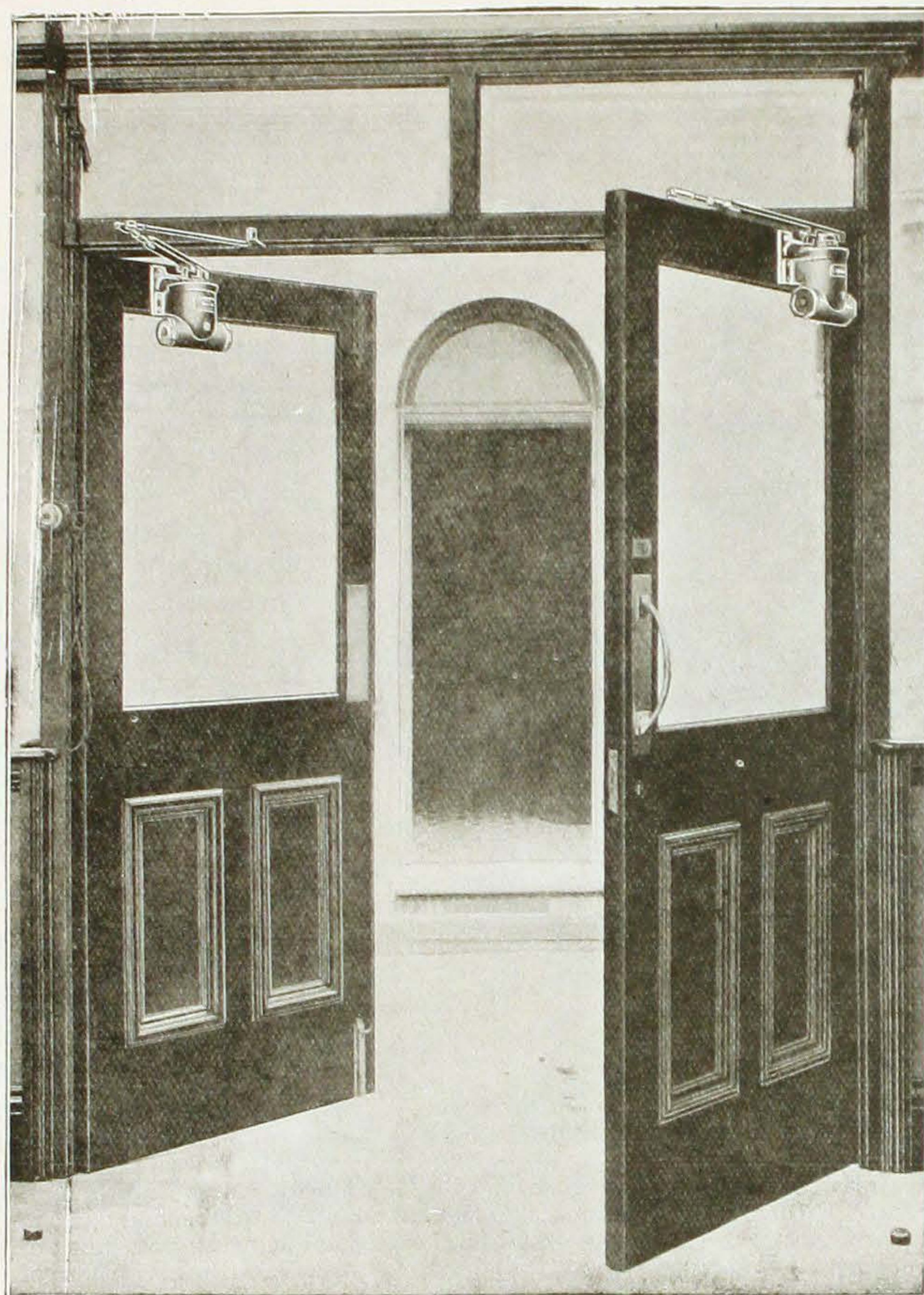
Fix the Bracket under the Head near the face of the Door, as shewn in Drawing at measurement indicated.

The Check is then fixed to the Bracket, and the Arm Bracket (A) fixed on Door to measurement given. Then pull over the Arms and attach to Arm Bracket (A) in position shewn in Drawing.

Always fix Arm (B) furthest from the Door Hinge

The "New Togo" Oil Door Check and Spring

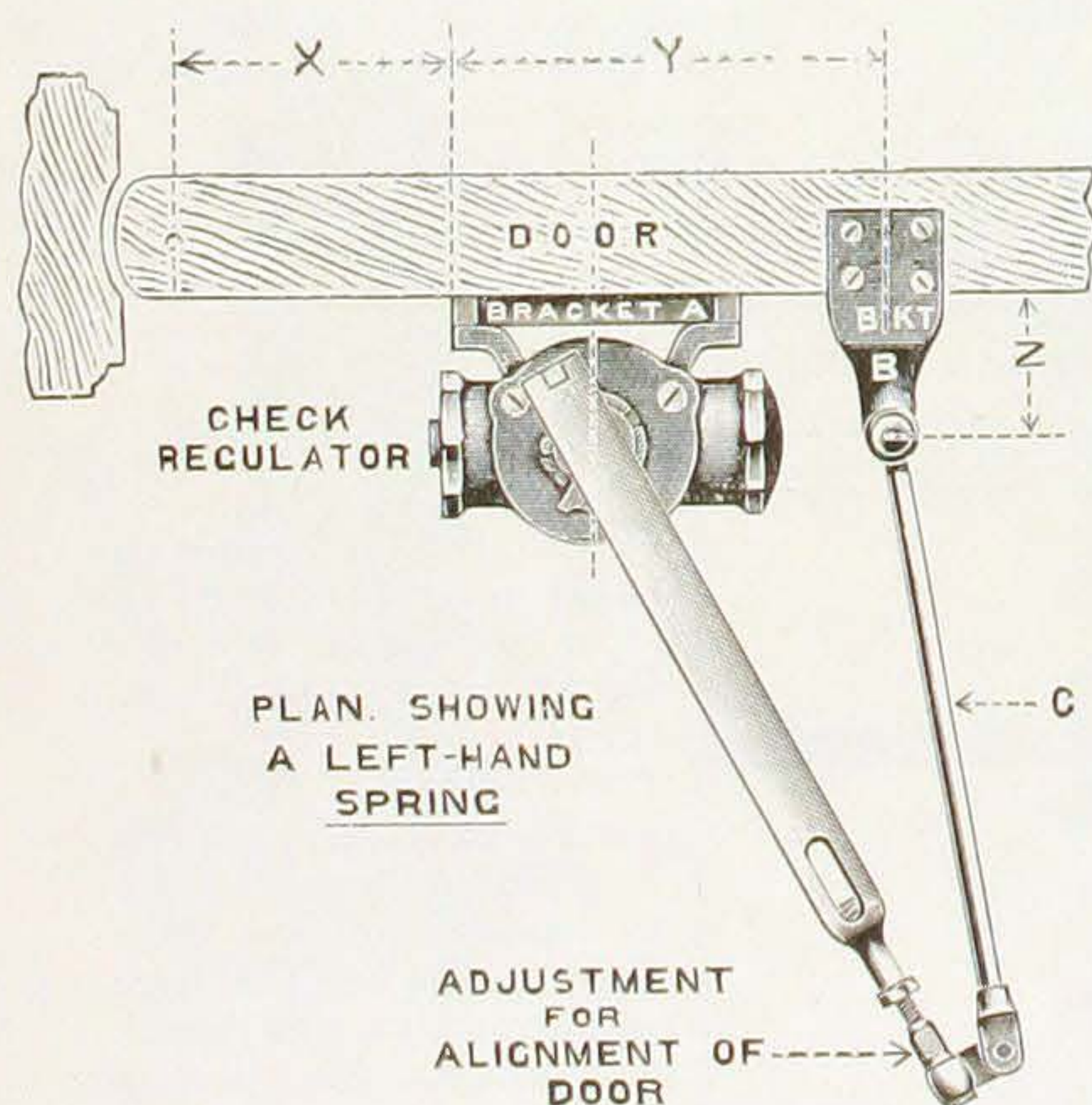
DOUBLE ACTION FOR SWING DOORS.



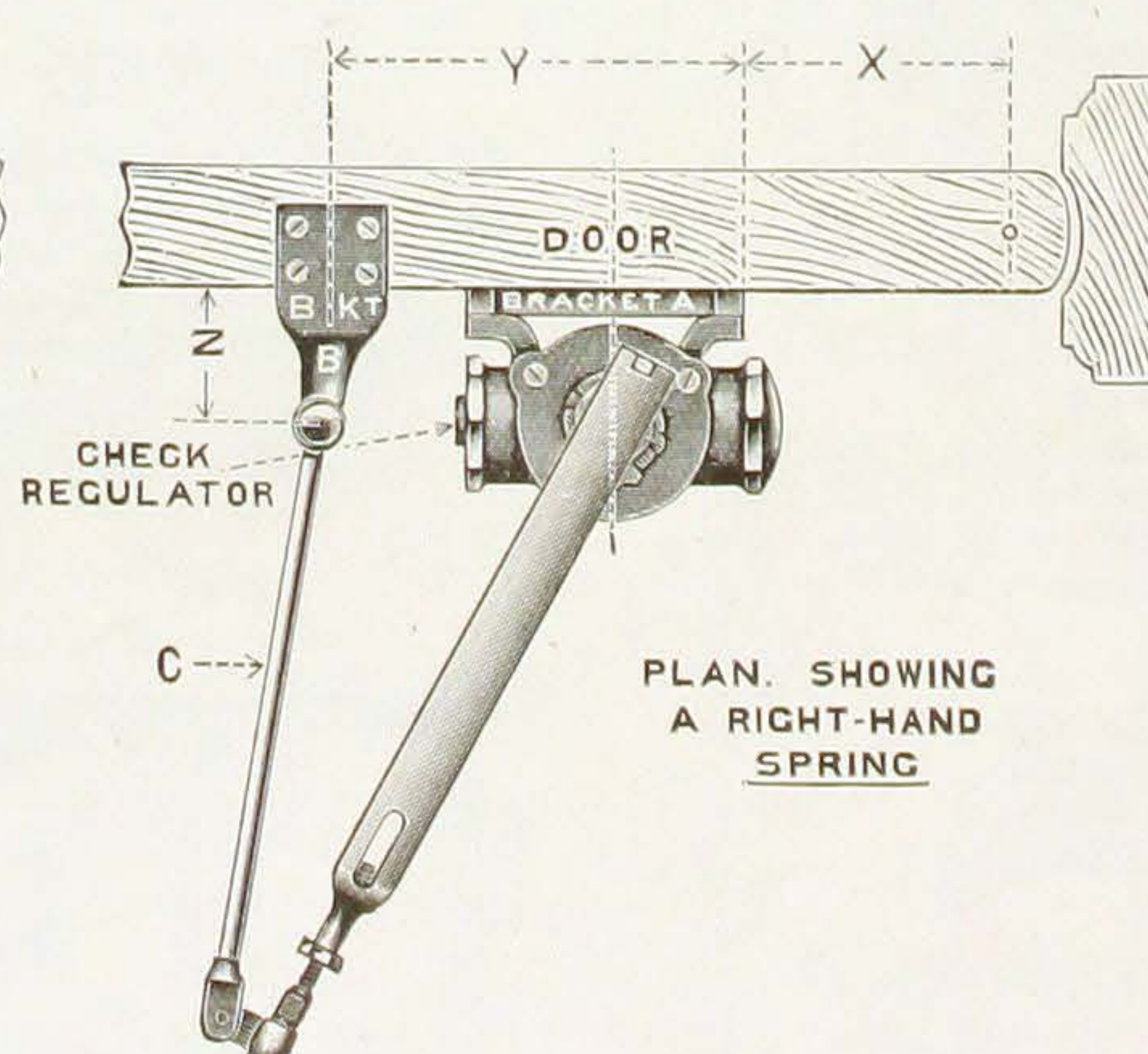
Left Hand Spring.

Right Hand Spring.

In ordering please state if Right or Left-hand Spring is required, also if floor is wood or stone.



Shewing a Left-hand Door Check and Spring.



Shewing a Right-hand Door Check and Spring.

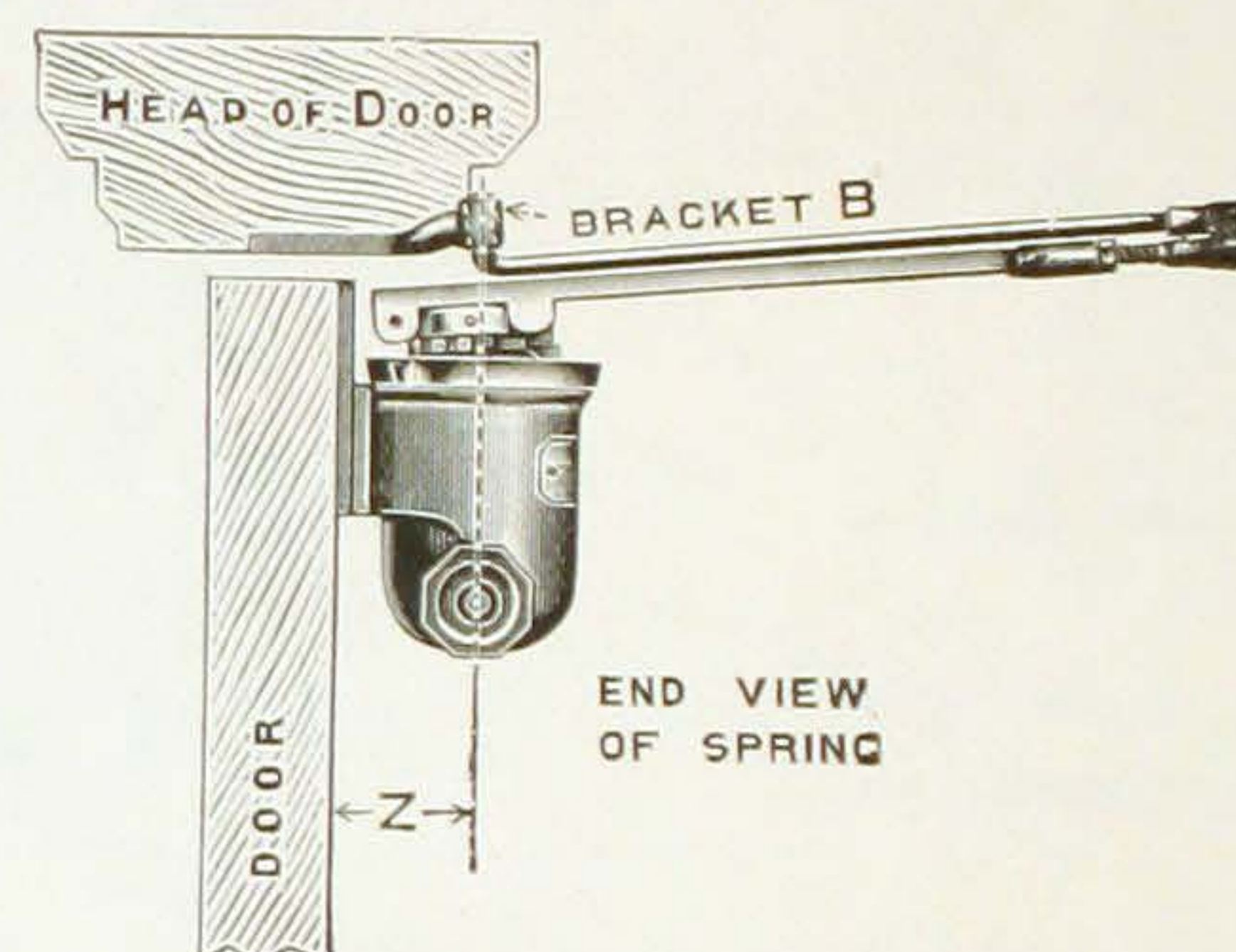
This shews a "New Togo" Door Check and Spring applied to Swing Doors, a duty which, owing to its sturdy construction, it fulfils admirably.

The coil spring is wound up in one way only, and it cannot be overwound.

The Check, owing to its patented principle, allows of a finer adjustment than any other on the market.

The action of the check rod cleans the valve at every movement, eliminating the risk of this getting clogged up.

Special colours to match special doors can be supplied at a few days notice.

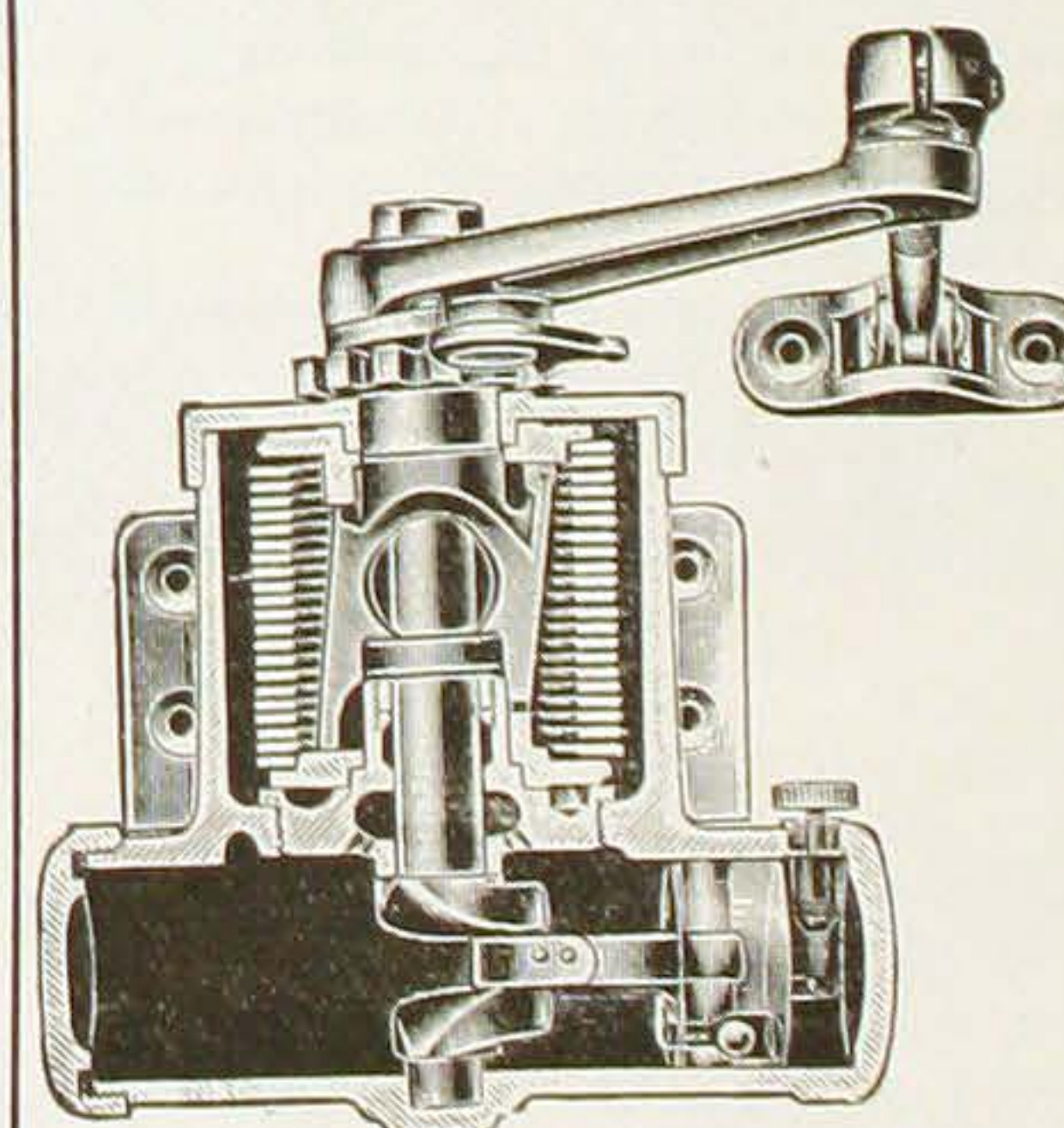


Shewing Fixing arrangement.

Prices include specially-made top and bottom centres.

Size.	No. PHS 3074	Statuary	
		Bronze.	Gold.
C For Light Doors	...	104/9	95/8 each.
D For Medium Doors	...	125/2	113/9 "
E For Heavy Doors	...	150/2	136/6 "

The "YALE" Door Spring and Check



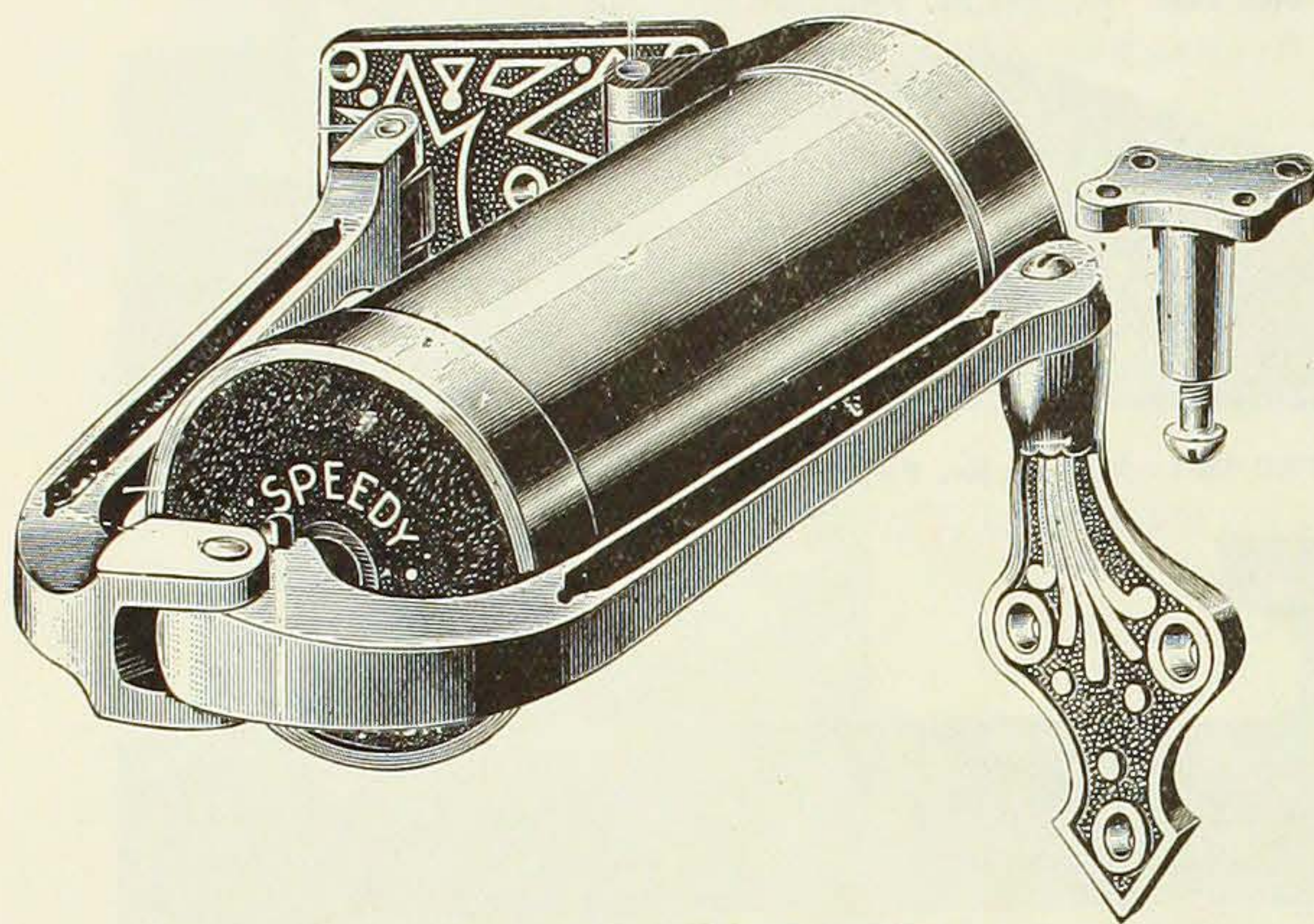
No. PHS 2860

The "Yale" has superseded the famous "Blount" spring, which was the original, best known, and most universal. The "Yale" door check is now made double-handed, so that any spring can be used for right or left hand doors without reversing. This check is immensely improved in design and construction of practically every part.

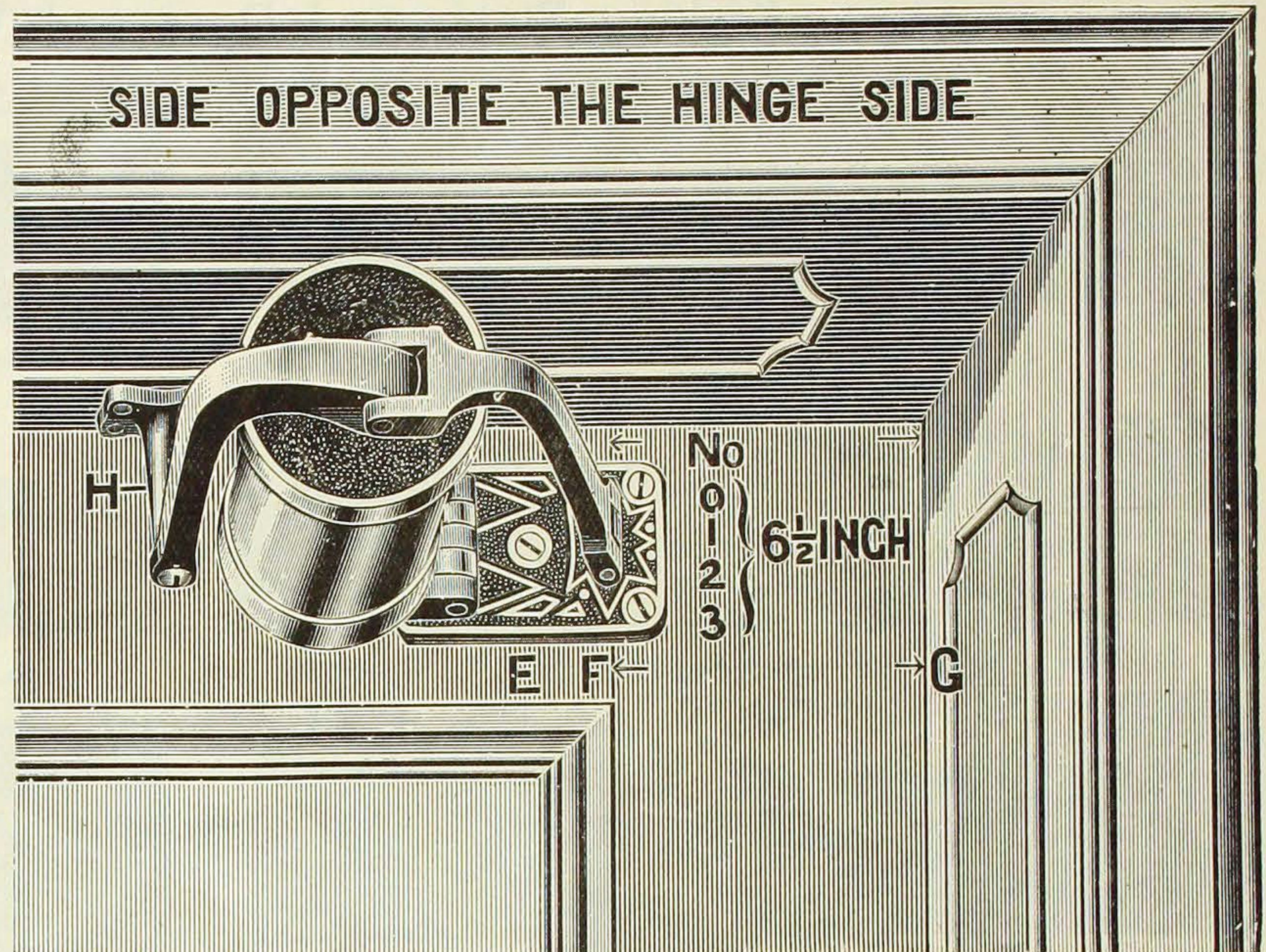
Size No.		each.
*71	For Very Light Doors only	23/9
*72	For Light Inside Doors not exceeding 7' 0" high x 2' 6" wide	29/-
*73	For Inside Doors of medium size, not exceeding 7' 0" high x 3' 0" wide	33/9
74	For Heavy Inside and Ordinary Outside Doors, not exceeding 7' 6" x 3' 0" wide	42/-
75	For Heavy Outside Doors, 8' 6" high x 4' 0" wide	54/9
*Stock patterns.		

The "Speedy" Door Check and Spring.

(NORTON SYSTEM).



No. PHS 3075
Heavy Nickel Plated Finish.



Showing the Check fixed to the door frame with an Arm Post on the side opposite to the Hinge Side.

The mechanical arrangement of this Door Check and Spring renders its action so perfect, that it cannot be excelled. When made in common cast iron it is very liable to break. The "Speedy" Door Check and Spring is made in **Malleable Iron** which does away with this objection. It can be fixed on either side of the door and suits both **Right and Left Hand Doors**.

This Door Check can be easily fixed by any carpenter.

The greatest pressure of the spring is exerted when the door is closed, the pressure diminishing as the door is opened, allowing comfortable passage. Each machine is packed separately with screws and directions for fixing. A stop is also enclosed which should be put down, to prevent door being thrown open too far, with possible damage to the spring.

It is also supplied with a patent Regulator which will be found highly suitable where the lock bolt is too stubborn to allow of closing the door with the ordinary apparatus.

Size.							Nickel Plated	Ordinary.	With Regulator.
0	For very heavy doors up to 4' 0" wide...	...	...	...	...	...	Nickel Plated	64/3 each.	71/3 each.
1	For heavy doors up to 3' 6" wide	...	...	...	...	...	" "	49/9 "	57/- "
2	For medium doors up to 2' 8" wide	...	...	...	...	...	" "	42/9 "	49/9 "
3	For light doors up to 2' 6" wide	...	...	...	...	...	" "	35/6 "	— "

The "Silent" Door Check and Spring.

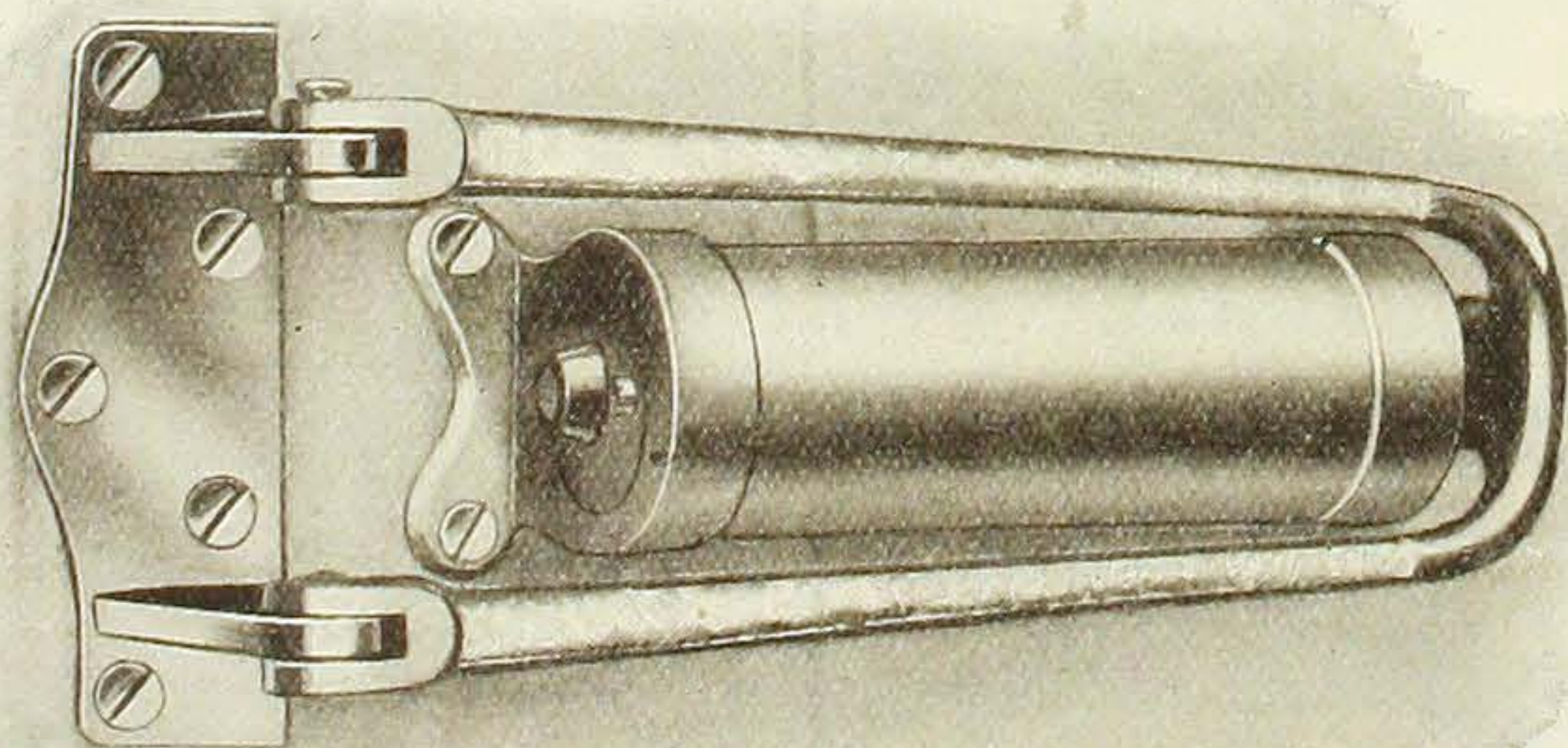


Fig. 1.

No. PHS 3076

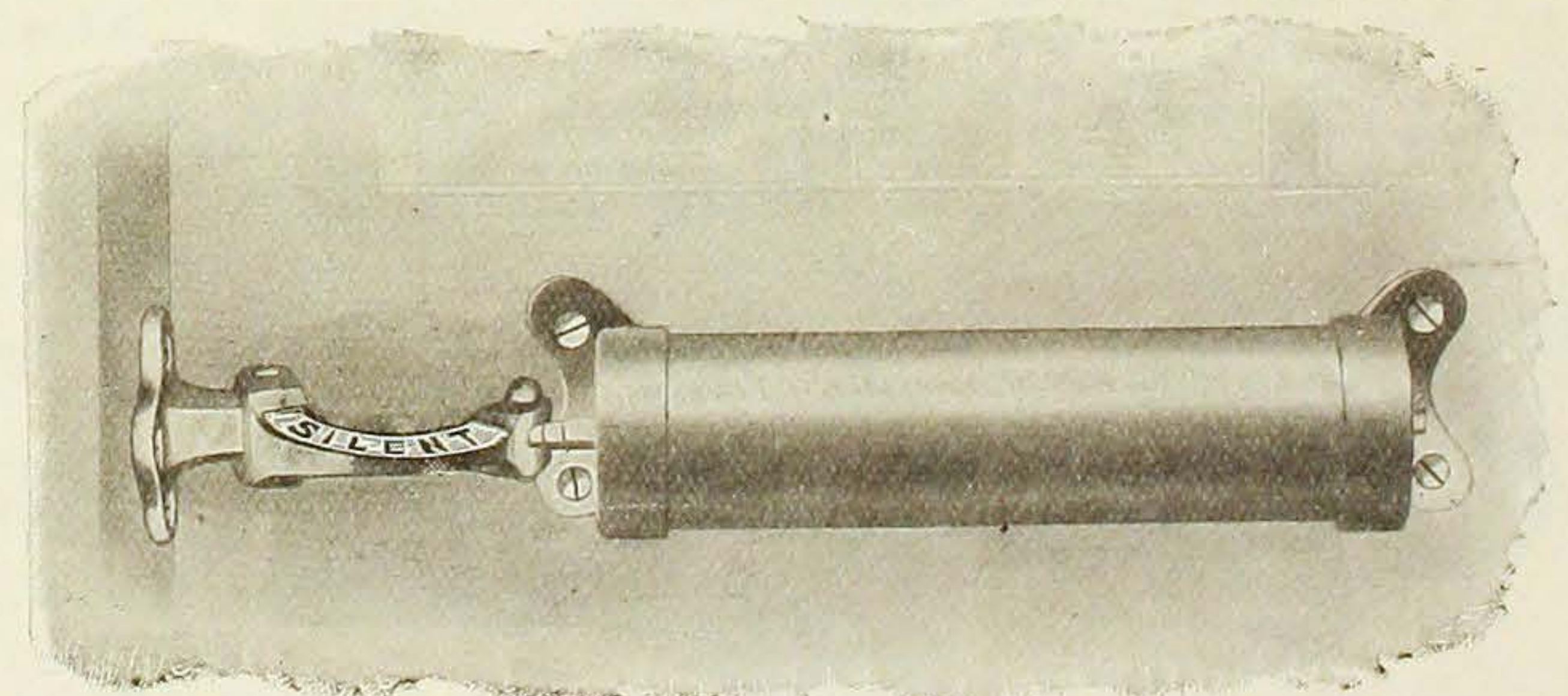


Fig. 2.

This Door Spring and Check will close doors without noise, and is very useful in those cases where a spring could not be fitted over the top of door. It lies along the middle, top or bottom rail of the door as desired, and is easily fixed. It will suit both Right and Left Hand Doors. No measurement required with orders.

Fig. 1 is fixed anywhere on the back or hinge side of door as shown, and **pushes** the door.

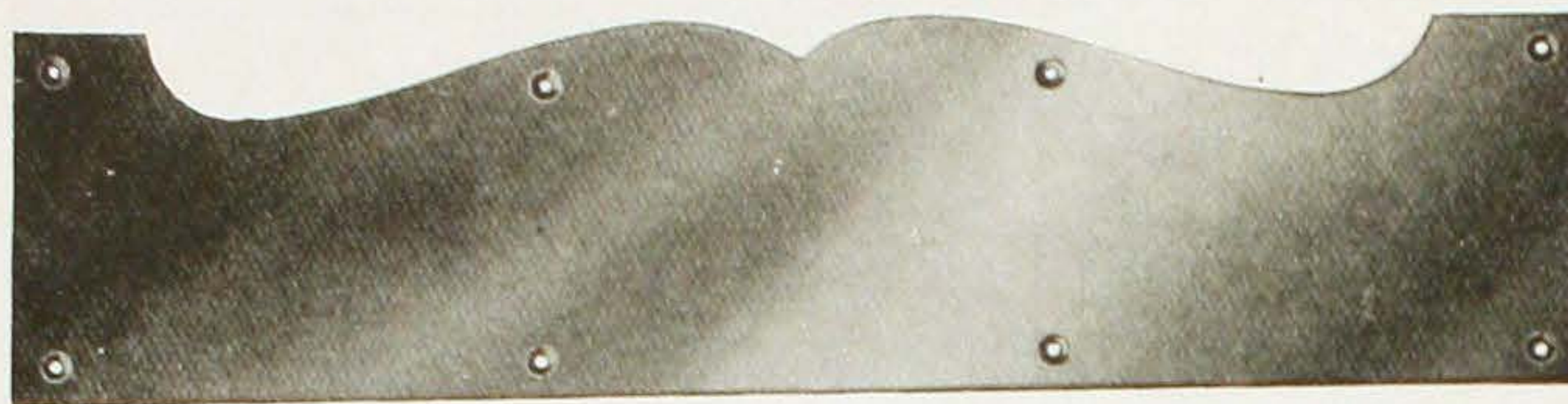
Fig. 2 is fixed anywhere on the side opposite the hinge side and **pulls** the door.

Both Figs. 1 and 2 are same price and supplied Nickel Plated or Statuary Bronze Finish.

When ordering state whether Fig. 1 or 2 is required, if not Fig 1 will be sent.

Size.									
1	Suitable for heavy doors	...	...	...	...	...	...	...	47/- each.
2	Suitable for medium doors	...	...	...	...	...	...	...	40/6 "
3	Suitable for light doors	...	...	...	...	...	...	...	31/9 "
4	Suitable for very light doors	...	...	...	...	...	...	...	28/6 "

Kicking Plates and Door and Window Guards



No. PHO 1991 Prices as No. PHO 9394 below.



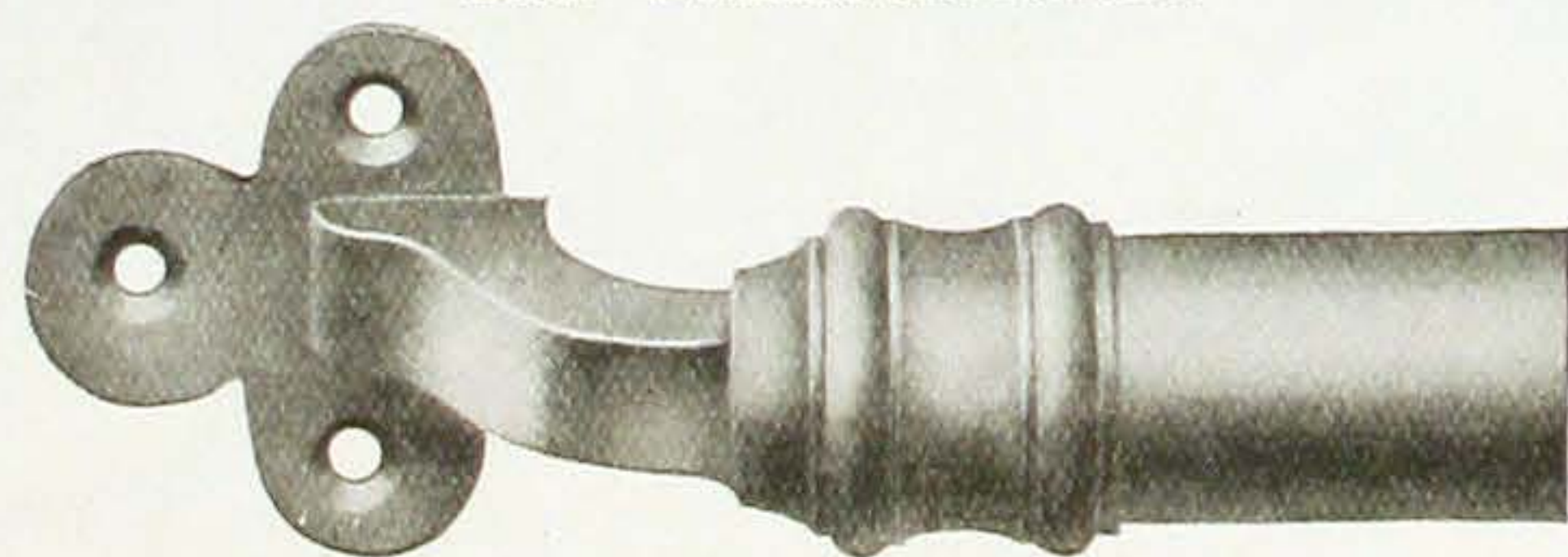
No. PHO 9390 Prices as No. PHO 9394 below.



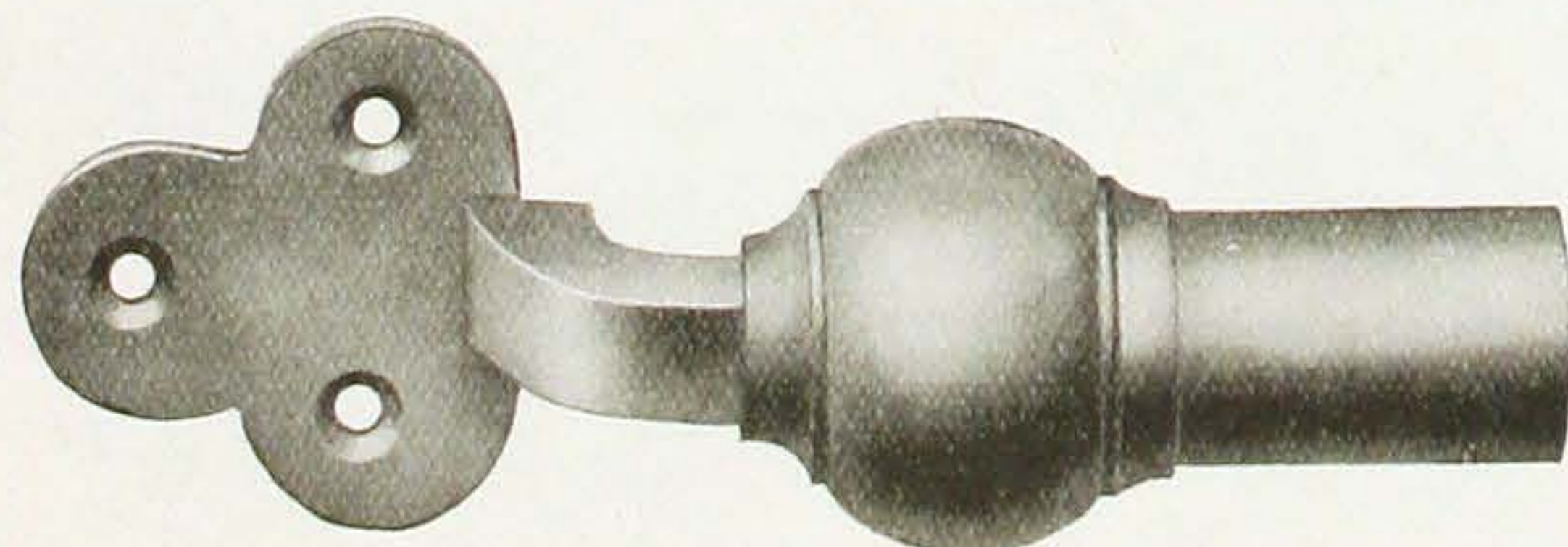
No. PHO 9392 Prices as No. PHO 9394 below.



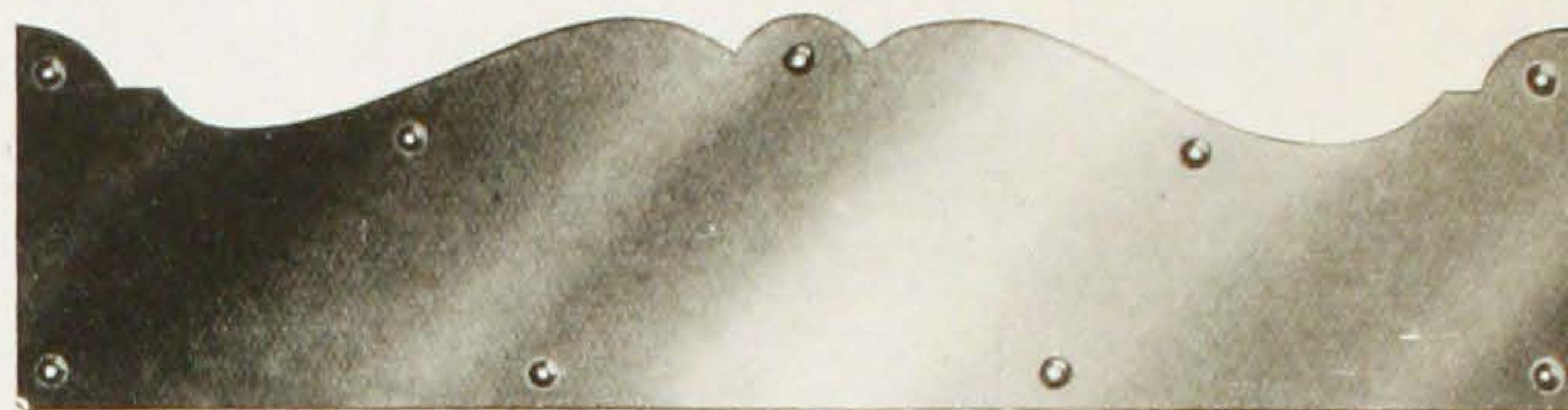
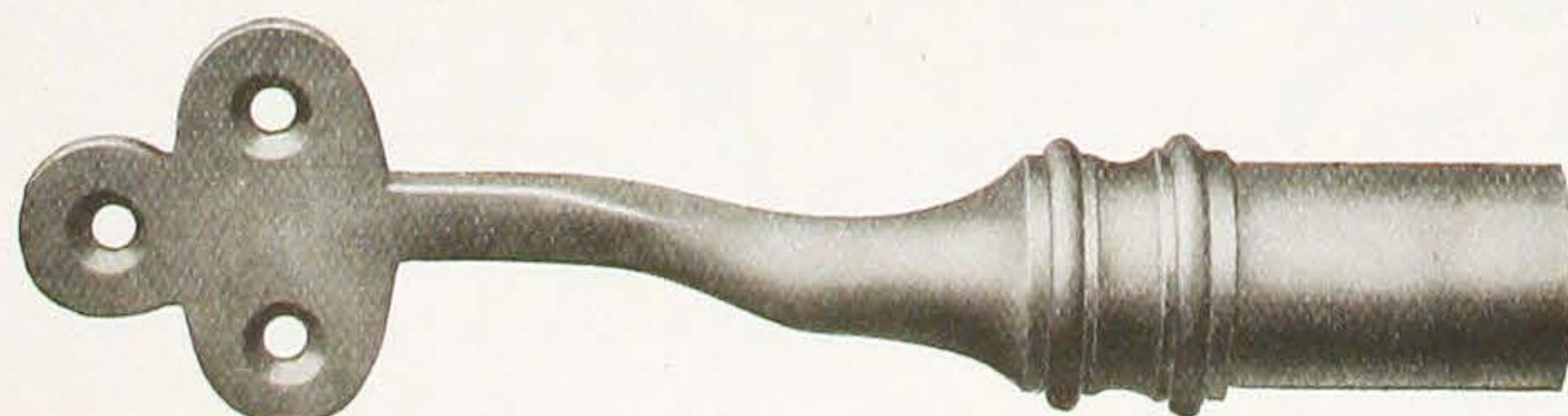
	No. PHO 9394		14 W.G.		24"		28"		32"		36" long.	
	6"	8"	6"	8"	6"	8"	6"	8"	6"	8"	6"	8"
Polished Brass	15/4	17/2	17/2	19/4	18/9	21/8	20/6	24/-	17/2	19/4	18/9	21/8
A. C. B. and R. on Brass	17/2	19/4	18/9	21/8	21/2	24/6	22/9	27/6	18/2	20/6	20/6	23/4
Bronze Metal Antique	18/2	20/6	20/6	23/4	22/9	26/3	25/-	29/2				
Each. Planished and Polished.												



	No. PHO 9397		18"		24"		30"		36" long.	
	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4" diam.
Polished Brass	8/9	11/6	10/3	12/9	11/6	14/-	12/9	15/9	15/9	each.
Polished Bronze Metal	10/6	14/-	12/3	15/9	14/-	17/6	15/9	19/3		
Bronze Metal Antique	12/3	16/3	14/6	18/6	16/3	20/3	18/6	22/-		
C. B. and R. on Brass	10/3	13/-	11/8	14/7	13/-	16/2	14/9	18/3		



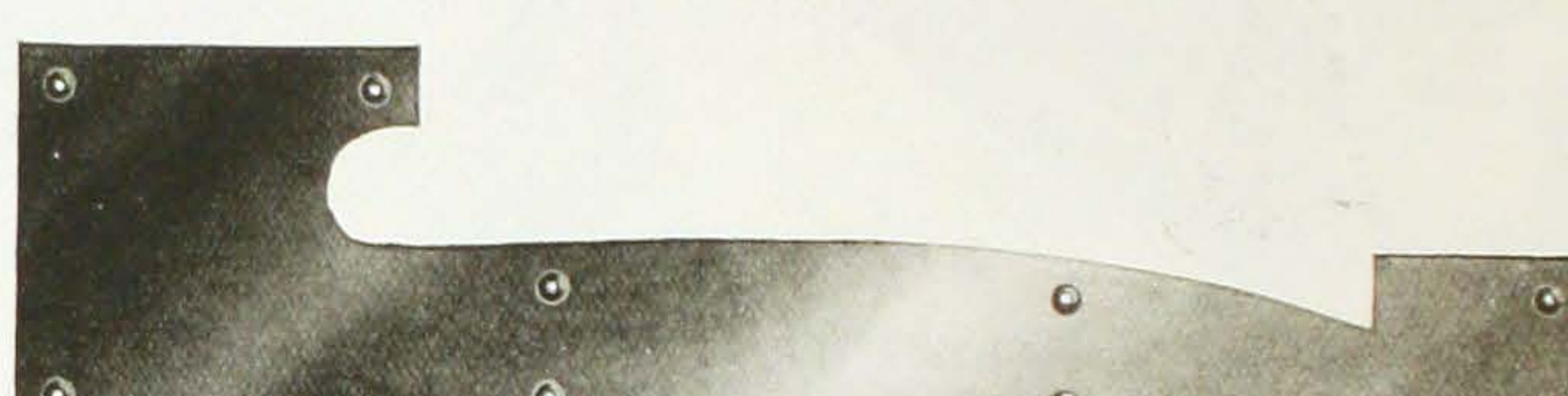
	No. PHO 9398		18"		24"		30"		36" long.	
	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4" diam.
Polished Brass	10/2	12/9	11/6	14/6	12/9	16/3	14/-	18/-	18/-	each.
Polished Bronze Metal	12/3	15/4	13/8	16/8	15/-	18/10	16/8	20/7		
Bronze Metal Antique	14/-	17/6	15/9	20/7	17/2	21/6	19/3	23/3		
C. B. and R. on Brass	11/8	14/8	13/-	16/6	14/8	18/8	16/2	20/7		



No. PHO 9389 Prices as No. PHO 9394 (Left-hand Side below).



No. PHO 9391 Prices as No. PHO 9394 (Left-hand Side below).



No. PHO 9393 Prices as No. PHO 9394 (Left-hand Side below).



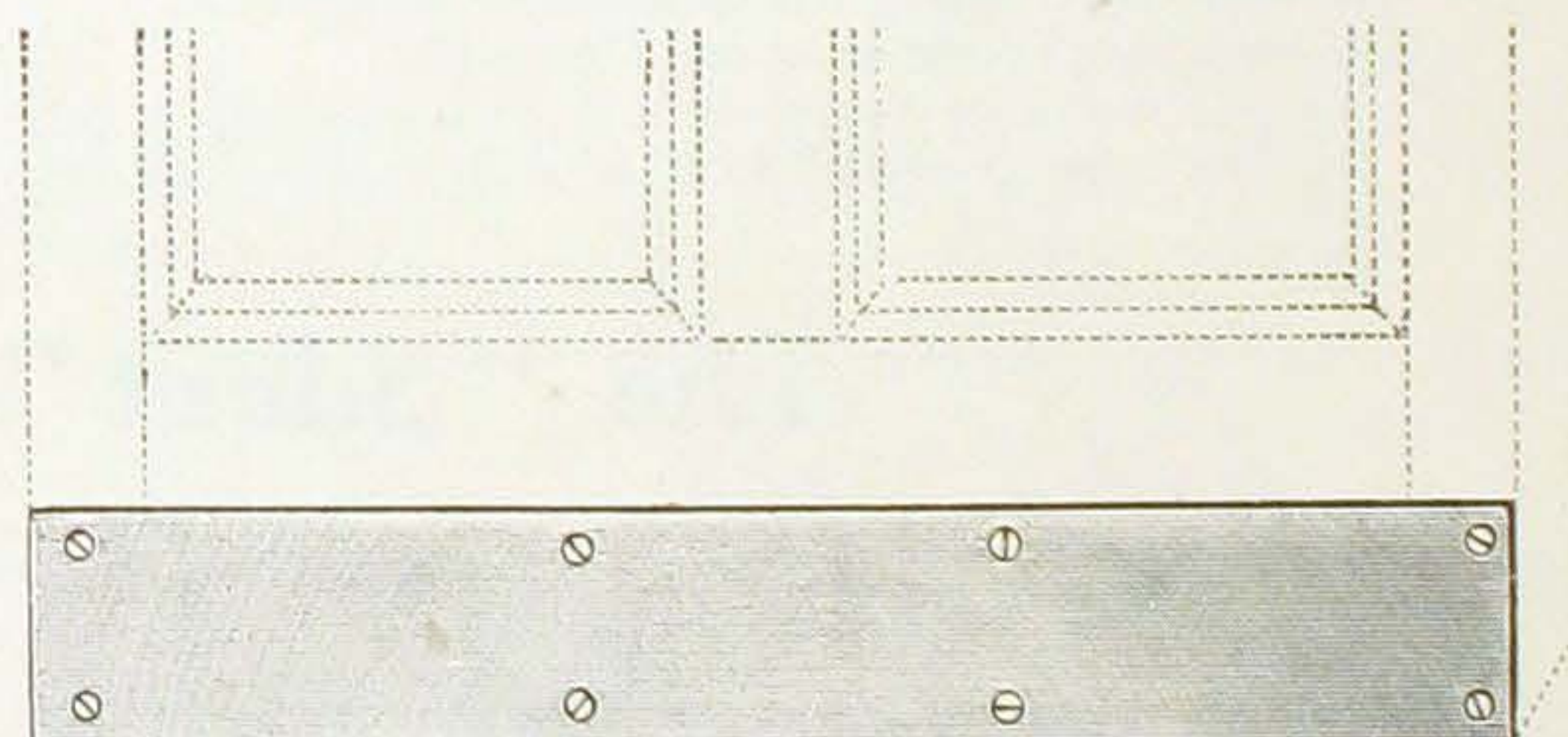
No. PHO 1993

8" high x 9" wide x 14 W.G.
 Polished Brass .. 11/6 each.
 A.C.B. and R. on Brass .. 12/6
 Bronze Metal Antique .. 13/8 "

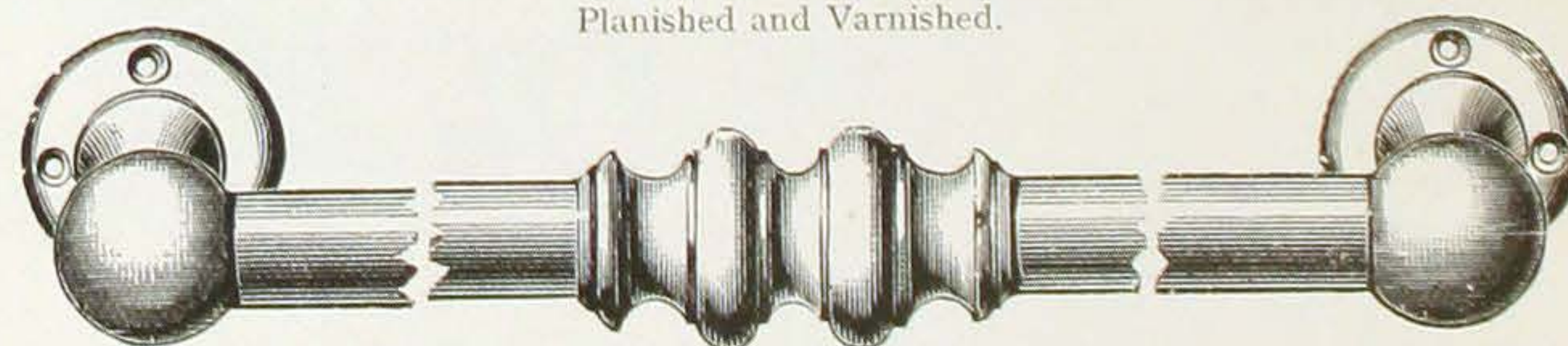
No. PHO 1994

12" high x 12" wide x 14 W.G.

each.
 Polished Brass .. 14/3
 A.C.B. and R. on Brass .. 15/4
 Bronze Metal Antique .. 17/2
 Planished and Polished.



	No. PHO 1992		24"		28"		32"		36" long.	
	6"	8"	6"	8"	6"	8"	6"	8"	6"	8" wide.
Polished Brass	14/3	16/-	16/-	18/3	17/8	20/6	19/4	22/9	22/9	each.
A.C.B. and R. on Brass	16/-	18/2	17/8	20/6	20/-	23/4	21/8	26/3		
Bronze Metal Antique	17/2	19/4	19/4	22/2	21/8	25/-	24/-	28/-		
Planished and Varnished.										

No. PHO 1996 Polished Brass.
Without Fancy Centres

Diam.	20"		24"		28"		32"		36" long.	
	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4" diam.
1"	10/6	10/10	11/2	11/8	11/8	11/8	11/8	11/8	11/8	each.
1 1/4"	12/8	13/2	13/8	14/3	14/3	14/3	14/3	14/3	14/3	
1 1/2"	22/-	22/9	23/8	24/6	24/6	24/6	24/6	24/6	24/6	
1 3/4"	27/3	28/6	29/7	30/9	30/9	30/9	30/9	30/9	30/9	
2"	38/2	39/10	40/-	41/-	41/-	41/-	41/-	41/-	41/-	
Extras for Fancy Centres.										
For	5/9	6/10	10/3	14/10	14/10	14/10	14/10	14/10	14/10	
Ball Ends.										
1"	2/8	3/8	8/7	9/2	9/2	9/2	9/2	9/2	9/2	
1 1/4"										
1 1/2"										
1 3/4"										
2"										

No. PHO 9399

	18"		24"		30"		36" long.	
	1"	1 1/4"	1"	1 1/4"	1"	1 1/4"	1"	1 1/4" diam.
Polished Brass	9/3	12/9	10/6	14/6	11/10	16/3	13/3	18/- each.
Polished Bronze Metal	11/-	15/4	12/9	16/9	14/6	18/10	16/3	20/8
Bronze Metal Antique	12/9	17/6	15/-	19/3	16/8	21/6	18/10	23/3
C. B. and R. on Brass	10/8	14/8	12/-	16/6	13/8	18/8	15/2	20/8

Public Convenience Door Furniture

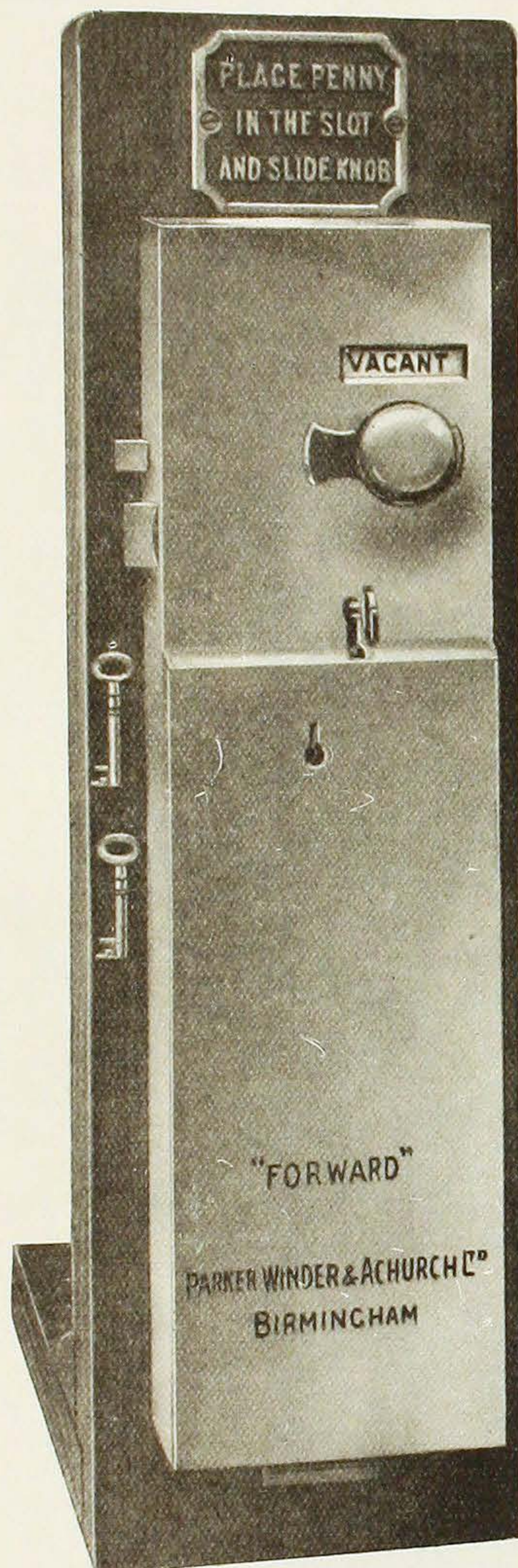
The "FORWARD" Automatic Locks.

This Lock is a great improvement in many ways on our previous patterns and on the makes at present on the market. We can assure purchasers that this is the strongest, most reliable and efficient lock on the market, and one which will withstand rough usage.

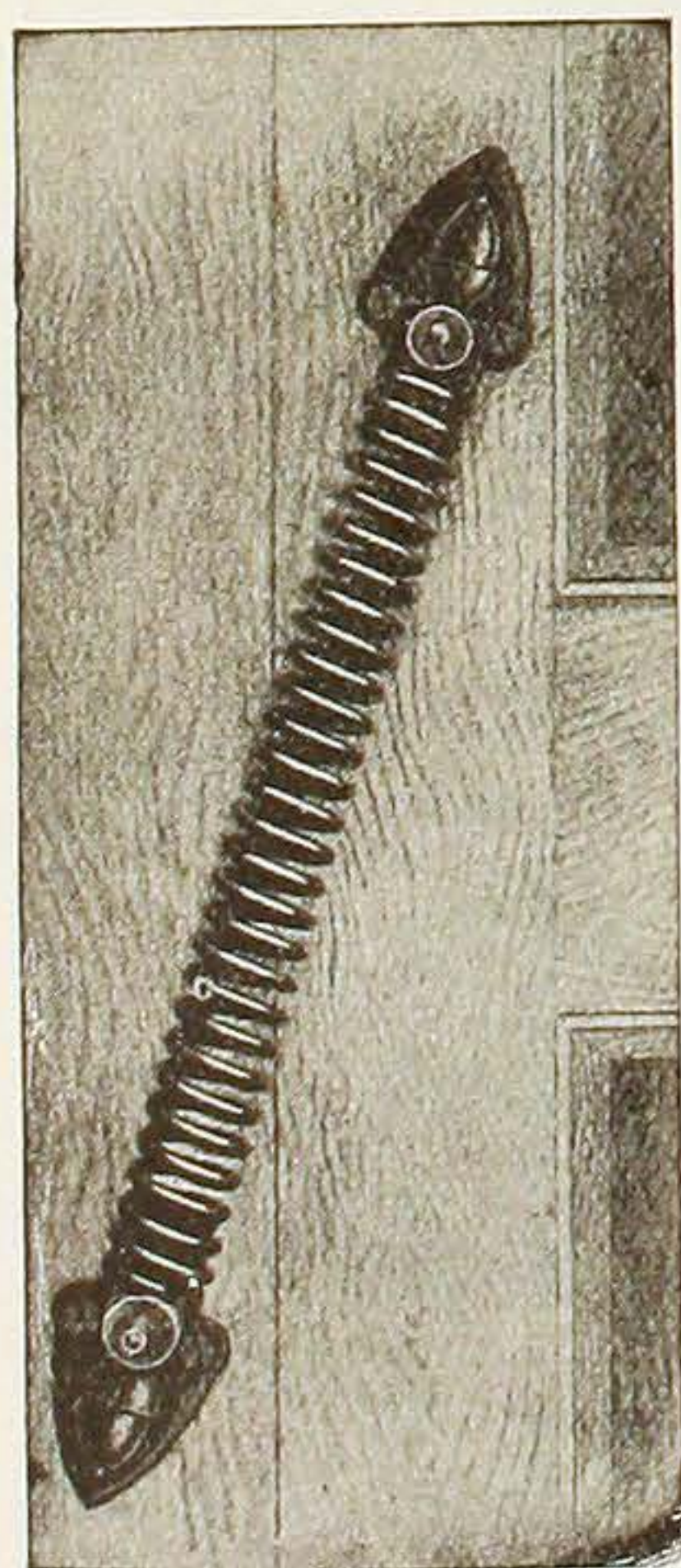
The "Forward" Automatic Lock has an unequalled combination of important advantages:—

1. Will work with pennies or half-pennies.
2. Large capacity—will hold 150 pennies or the equivalent in pennies and half-pennies.
3. Money can be taken from the lock by the collector while the convenience is engaged.
4. The "Forward" can be made, if desired, to work with any size or combination of coins.
5. Being the narrowest Lock, barely 4" wide, will fix on ordinary door stiles without the necessity of filling in the door panels, reducing considerably thereby the cost of fixing, and not disfiguring the door.
6. An important feature is that access can be gained in case of necessity when bolted inside, thus obviating the need and expense of bursting the door.
7. The case is of heavy cast brass, fitted with a strong lever lock.
8. The mechanism is simple and will stand hard wear and tear.
9. The "Forward" Lock cannot be deranged unless by extraordinary wilful damage—in fact, special attention has been devoted to its strength in every particular in order to render the greatest resistance to thieves.
10. The Latch Bolt is guarded from the outside by a specially made staple and cannot be forced with pocket knives or other instruments.
11. The hinged lid to the till of the "Forward" is let in flush with the case, like a safe door, which makes the insertion of even a sharp pointed tool impossible.
12. The direction plates of German Silver with heavily engraved letters, cannot chip like enamelled plates.
13. Double Locking Tills can be fitted if required to open with two different Collectors' Keys, so that one key would be useless without the co-operation of the other.
14. **Detachable Coin Tills.** Separate or loose tills can be supplied so that they can be taken off, replaced with other tills and emptied at the office.
The detachable tills are not fastened to the Lock with a Padlock, as is usual though insecure, but with a special invisible locking arrangement.

For Prices see **No. PHS 3077** on following page.



Simpler—Stronger—Neater
than most.



No. PHS 2864

Best and most durable Coil Spring in the market. Simplest in construction. No skill needed to apply, and can be adjusted to suit weight of door.

No. PHS 2865

As above, but cheaper pattern.

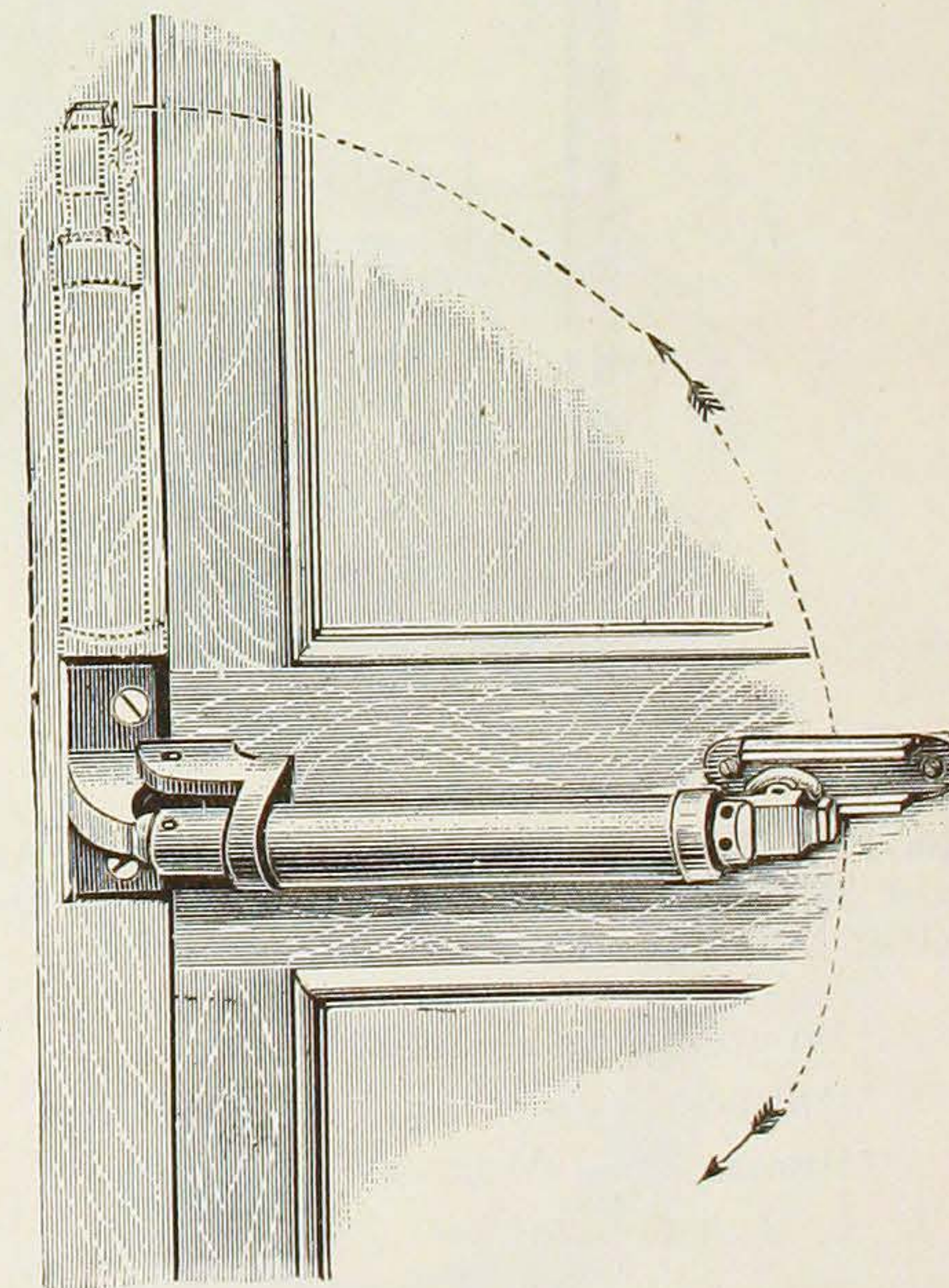
Prices:

COIL DOOR AND GATE SPRINGS.	Size.	Suitable for	No. PHS 2864		No. PHS 2865	
			doz.	each.	doz.	each.
	00	Cabinet Doors	...	16/-	1/5	—
	0	Very Light Doors	...	21/6	1/11	—
	1	Office Doors	...	30/9	2/8	14/3
	2	House Doors and Cottage Gates	...	40/-	3/6	17/3
	3	Store Doors and Heavy Gates	...	62/8	5/4	21/-
	4	Extra Strong Doors	...	102/6	8/8	—

No. PHS 2868

1	10"	...	16/- each.
2	12"	...	20/9 "
3	14"	...	25/3 "

(Illustration on right).



No. PHS 2868

Polished Brass Door Spring, for doors opening inwards.

Specially suitable for W.C. Doors, the power being greatest at closing point. It can be increased or diminished by the patent regulator, a very great advantage. Spring can be lifted out of action, as shown.

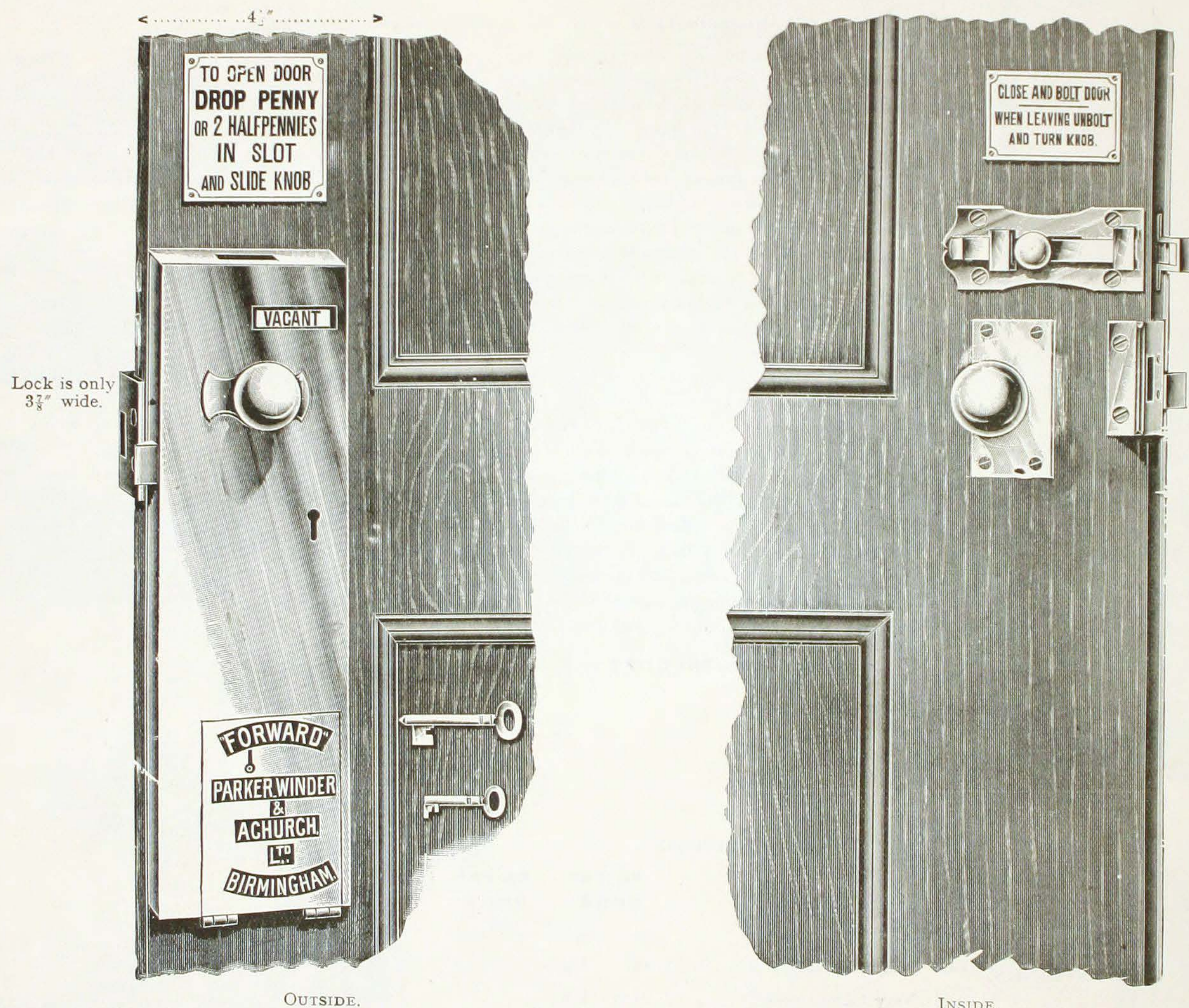
Prices in centre at bottom of this page.

The "Forward" Patent Automatic Coin Collecting Locks

Are now so well known that their necessity is recognised by all

PUBLIC BODIES, COUNTY COUNCILS, STEAMSHIP and RAILWAY COMPANIES, EXHIBITION and HOTEL MANAGERS, ENTERTAINMENT COMMITTEES, &c., &c.

In fact they ought to be fixed in every Public Convenience not only because the locks are a constant source of Revenue, but also because the compartments are kept in a far more sanitary condition than otherwise would be the case, especially where an attendant is not regularly employed.



OUTSIDE.

INSIDE.

No. PHS 3077 "Forward" Pattern Automatic Coin Collecting Lock.
Size: $3\frac{7}{8}$ " wide, $13\frac{1}{4}$ " long, with cast Brass Knob and Bolt for inside of door, German Silver Direction Plates and Screws for fixing.

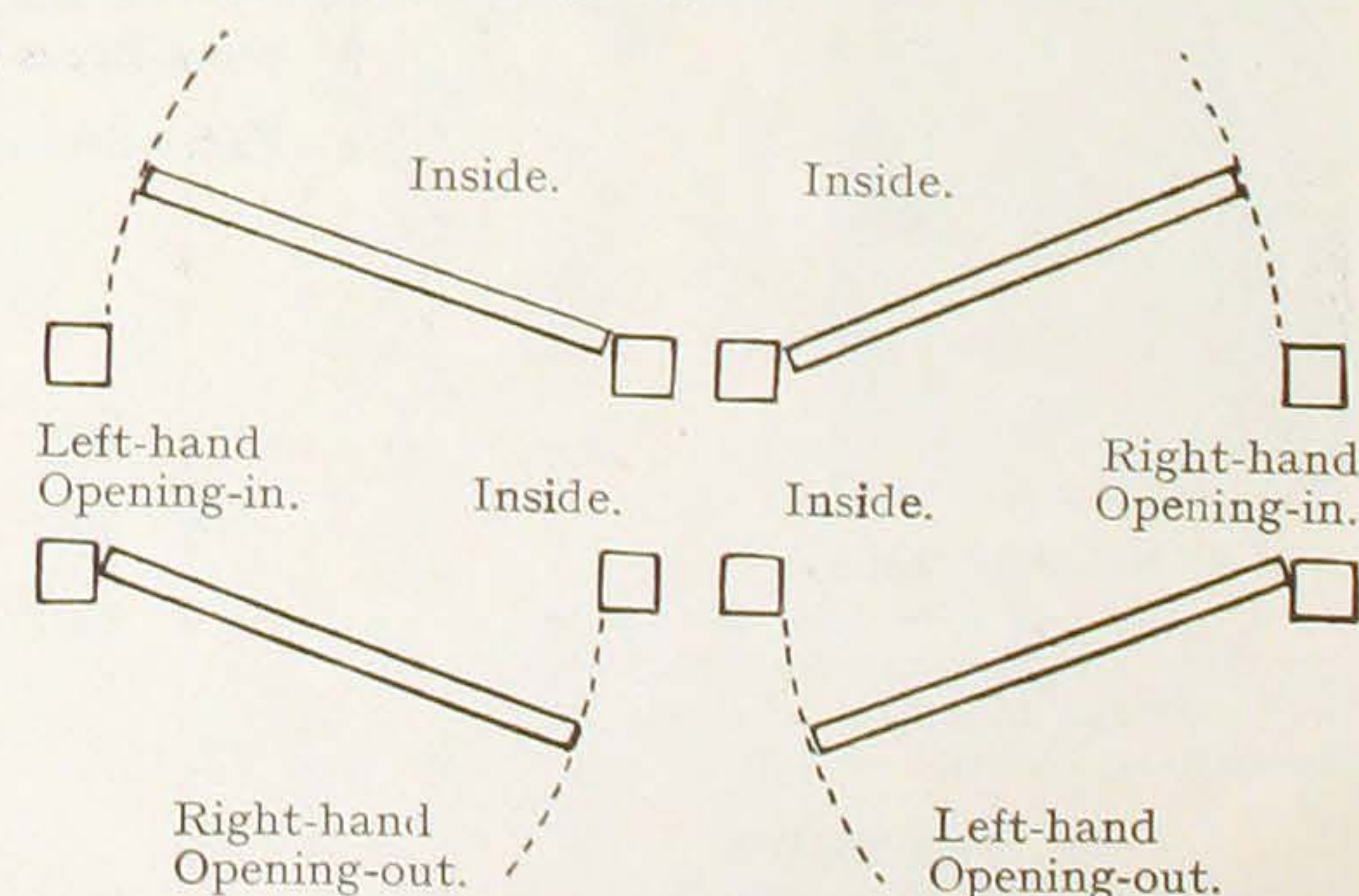
*Bronzed Brass	...	...	...	...	...	70/- each.
*Polished Brass	...	...	...	...	...	75/3 "
*Bronze Metal Antique	...	...	...	...	...	85/- "
C. B. & R. on Brass	...	...	...	...	...	80/6 "

For Pennies only.

Extra to take Pennies or two Half-Pennies...	...	...	...	...	5/3 each.
Double Locking Till	...	...	...	...	3/6 " extra.
Detachable Coin Till	...	...	...	...	29/9 " "

*Stock finishes.

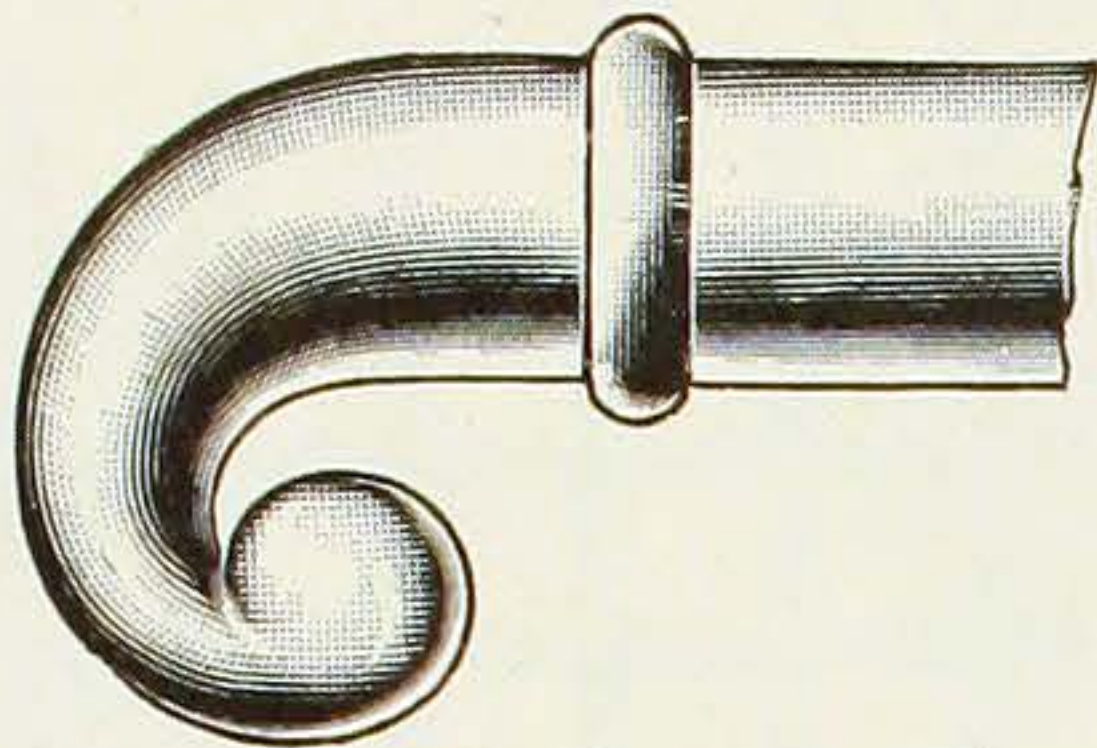
Important.—Please state hand and thickness of door when ordering, also whether door opens inwards or outwards, thus:—



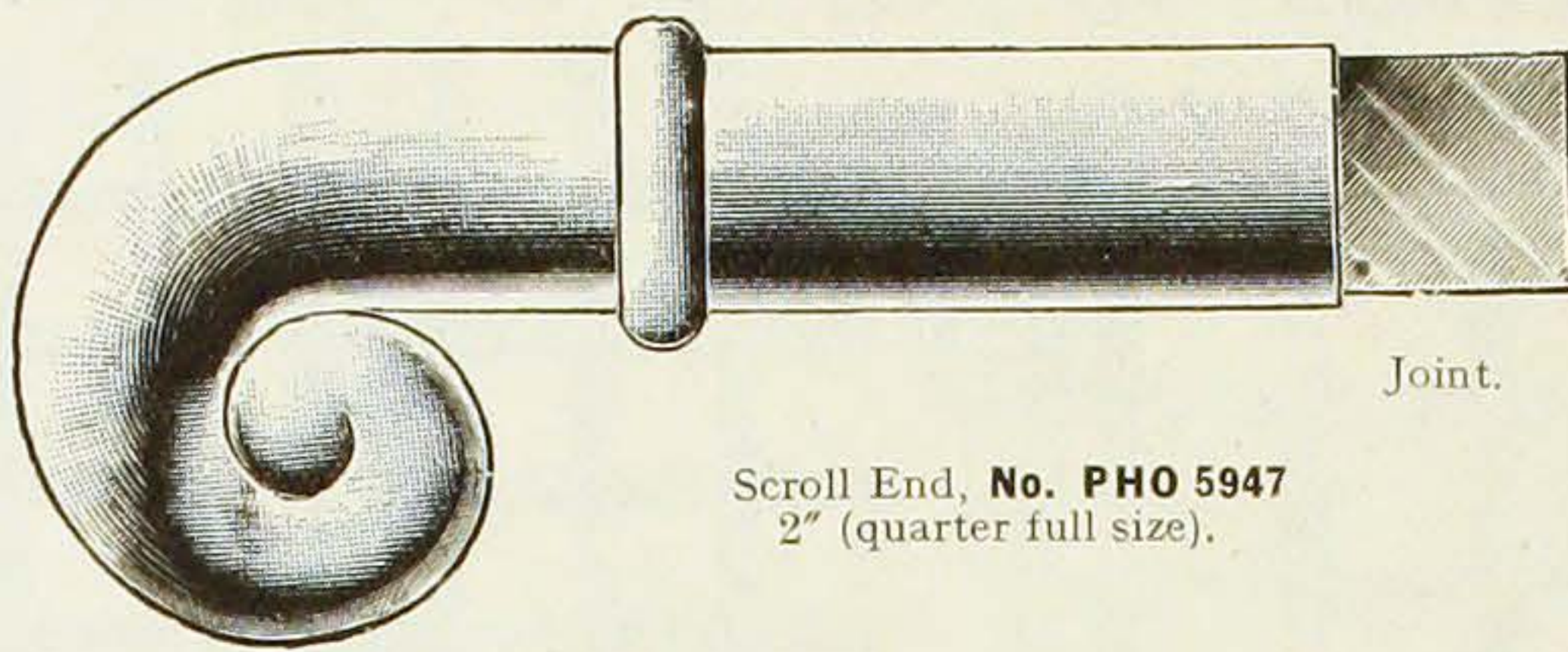
CIRCULAR BRASS HAND RAILS.

Polished Brass Handrails and Fittings.

MOULDED BRASS OR BRONZE HAND RAIL.



Scroll End, No. PHO 5948
2 1/2" (fifth full size).

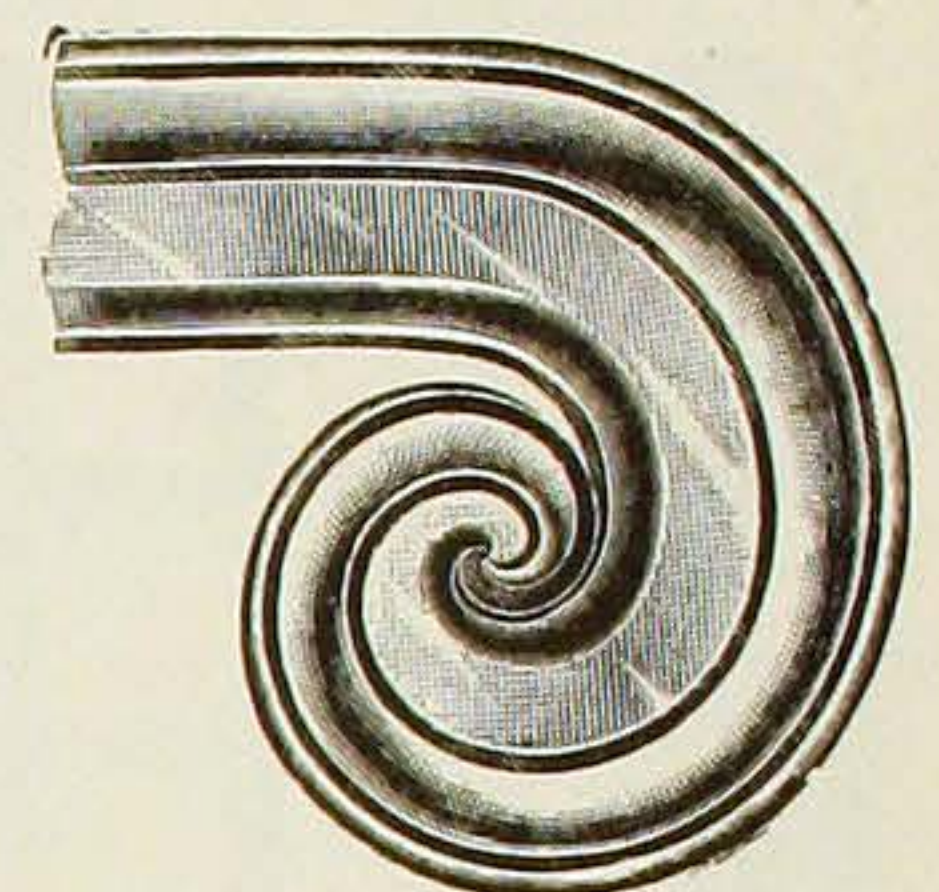


Scroll End, No. PHO 5947
2" (quarter full size).

Joint.



Quarter full size Section.
No. PHO 5949



Moulded Scroll End.
No. PHO 5949

Prices for the above will be quoted on receipt of full details and specification.

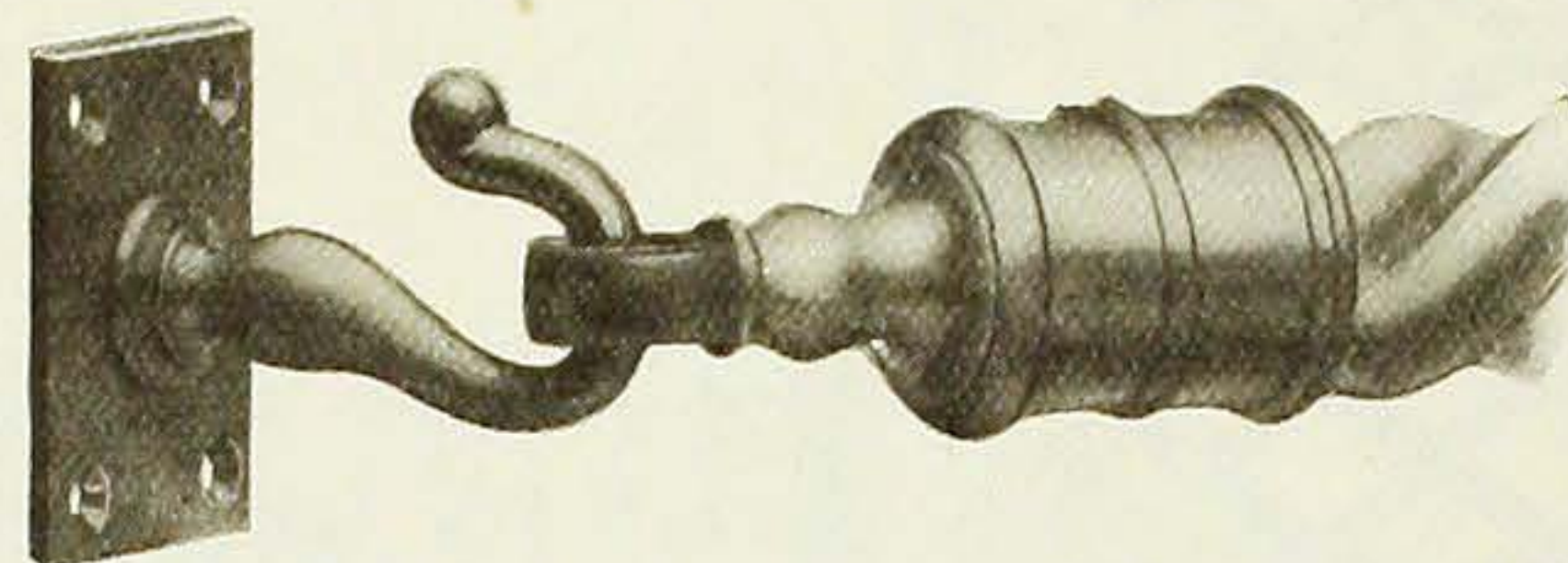


No. PHO 7147 GUARD RAIL.

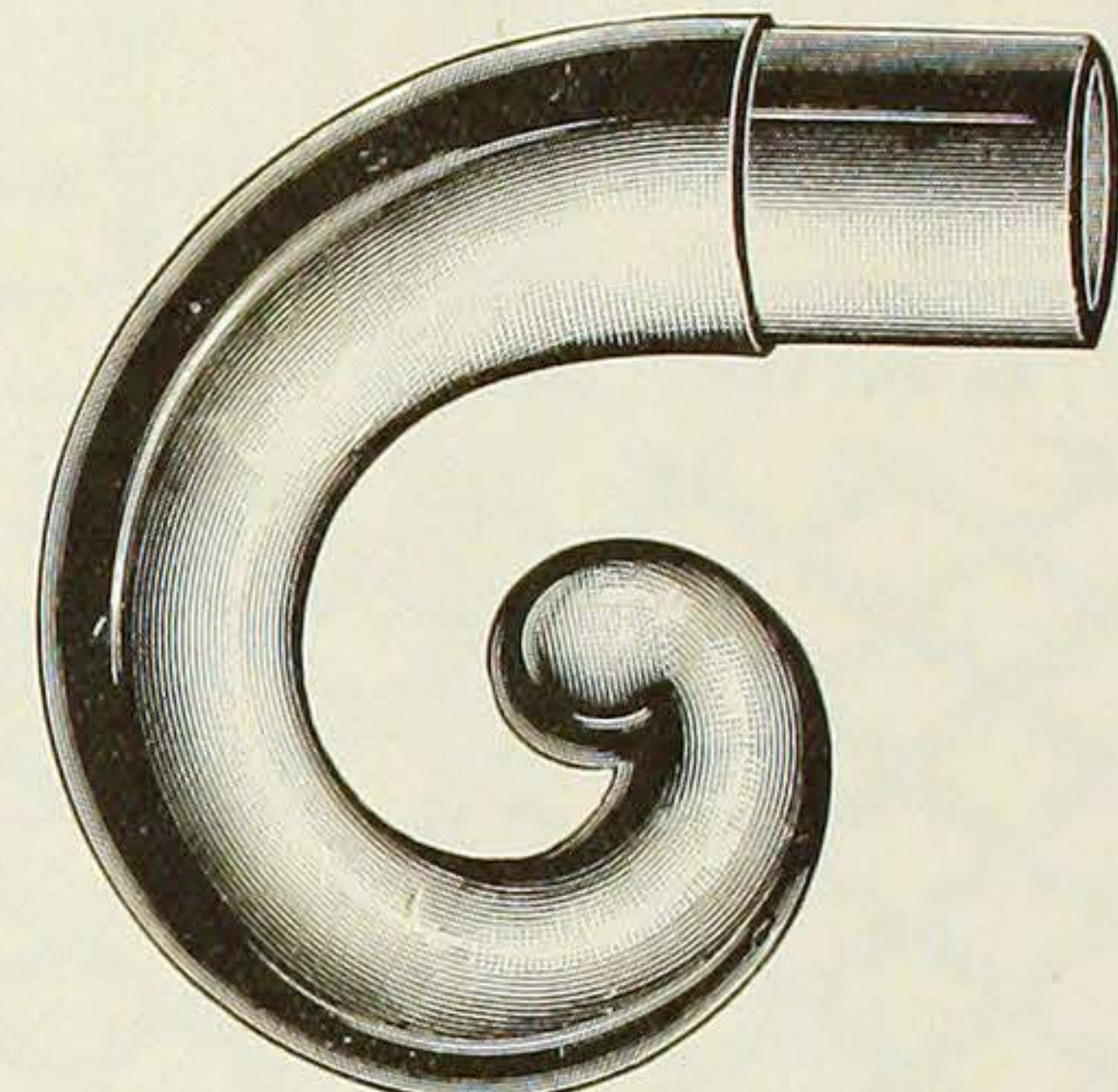
	24	30	36 in.
1 1/2" Tube	4/2	5/-	6/- each.
" "	5/4	6/-	7/2 "



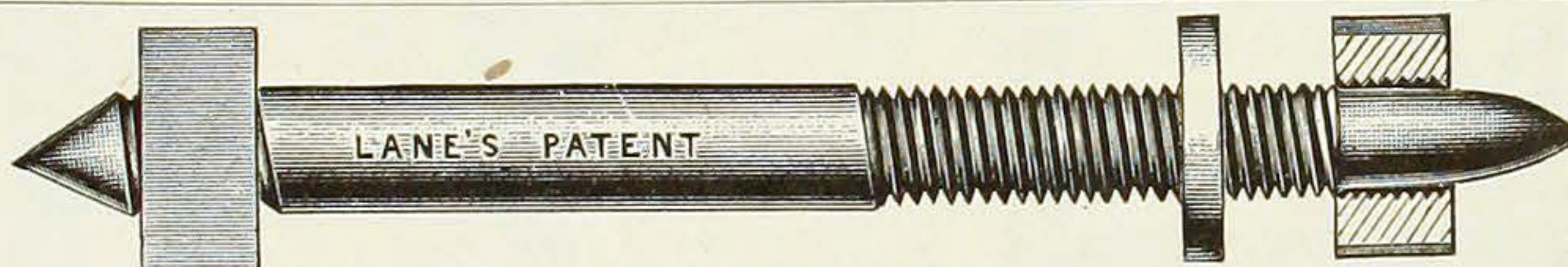
No. PHO 9417 ROPE FASTENING.
For 1" 1 1/4" rope.
Polished Brass .. 4/10 6/2 pair.
C. B. & R. on Brass .. 6/1 7/5 "
B.M.A. on Brass .. 6/5 7/9 "



No. PHO 9418 ROPE HOOK.
For 1 1/4" Rope.
Polished Brass .. 7/6 per set.
C. B. & R. on Brass .. 8/9 "
B.M.A. on Brass .. 9/2 "
Set comprises Hook on plate and Socket.



No. PHO 7148 HAND RAIL BRACKET.
Polished and Lacquered 1 1/2" 1 3/4" 1 1/2" 2" 2 1/2"
Brass .. 14/6 18/6 19/9 21/- 36/9 dozen.
Lacquered Brass .. 1/3 1/8 1/9 1/11 3/2 each.
Bronze Metal Antique 16/3 20/3 21/6 22/9 39/6 dozen.
" " 1/6 1/10 1/11 2/- 3/6 each.



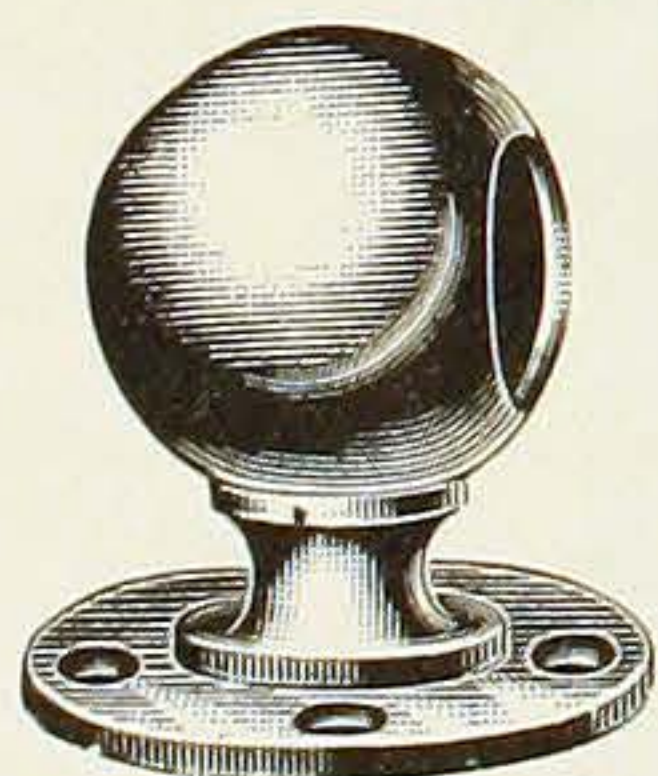
No. PHQ 9420
LANE'S PATENT HANDRAIL SCREWS.

This pattern overcomes the difficulty of applying the Round Nut and as will be seen the Pointed End "A" readily enters the round nut, and adjusts it in position for running at once upon the screw thread.

It possesses numerous advantages and will be found to save a great deal of time.

PRICES ON RIGHT.

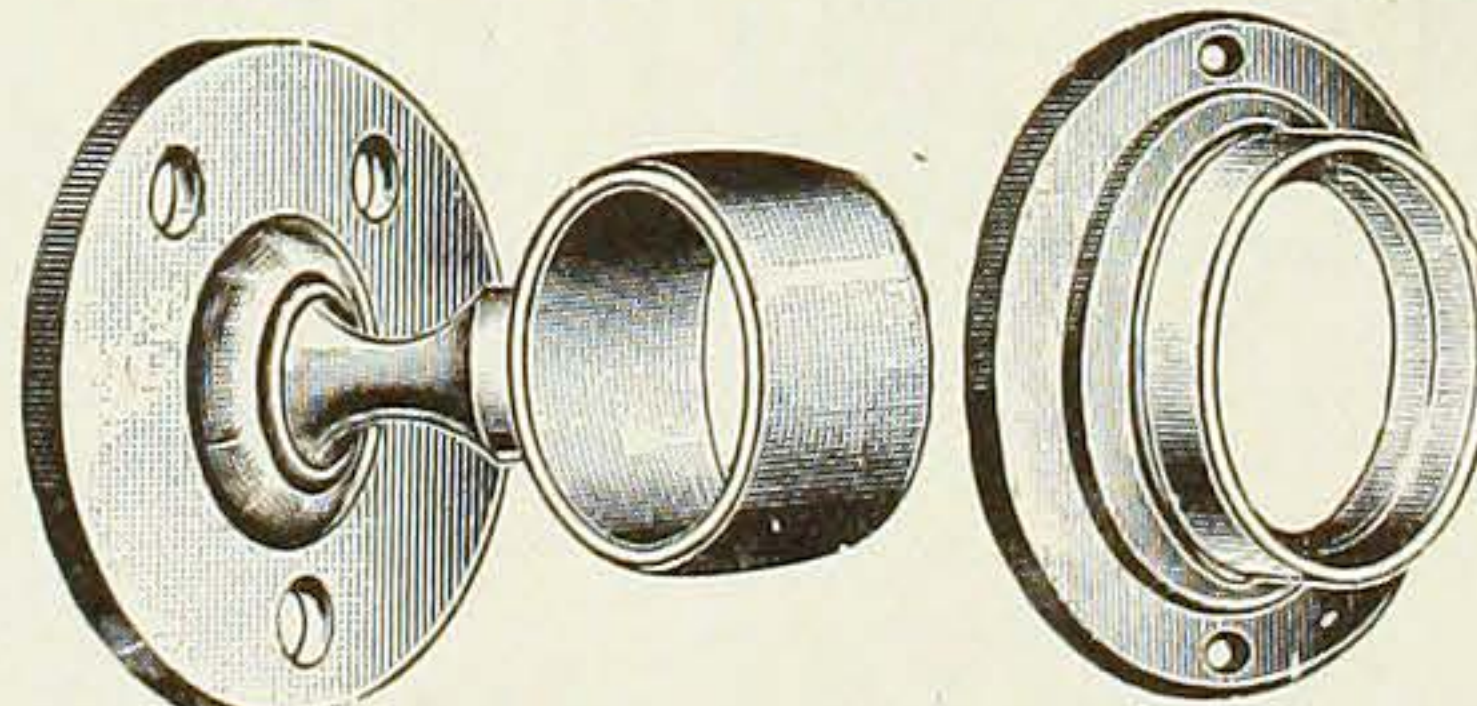
Length	Diameter	gross.	dozen.	gross.	dozen.	gross.	dozen.
2"	1/4"	43/-	3/9	—	—	—	—
2 1/2"	1/4"	43/9	3/10	—	—	—	—
3"	1/4"	44/9	3/11	57/8	5/-	72/6	6/3
3 1/2"	1/4"	45/6	4/-	58/8	5/1	73/6	6/4
4"	1/4"	46/3	4/1	59/2	5/2	75/-	6/6
4 1/2"	1/4"	47/3	4/2	60/-	5/3	76/3	6/7
5"	1/4"	50/-	4/4	60/8	5/4	77/4	6/8
5 1/2"	1/4"	50/9	4/5	61/3	5/5	78/9	6/9
6"	1/4"	52/6	4/7	62/6	5/5	79/9	6/10
6 1/2"	1/4"	53/6	4/8	66/6	5/10	84/-	7/3
7"	1/4"	—	—	70/-	6/1	85/9	7/5
8"	1/4"	—	—	—	—	89/3	7/8
9"	1/4"	—	—	—	—	92/9	8/-
10"	1/4"	—	—	—	—	99/-	8/6



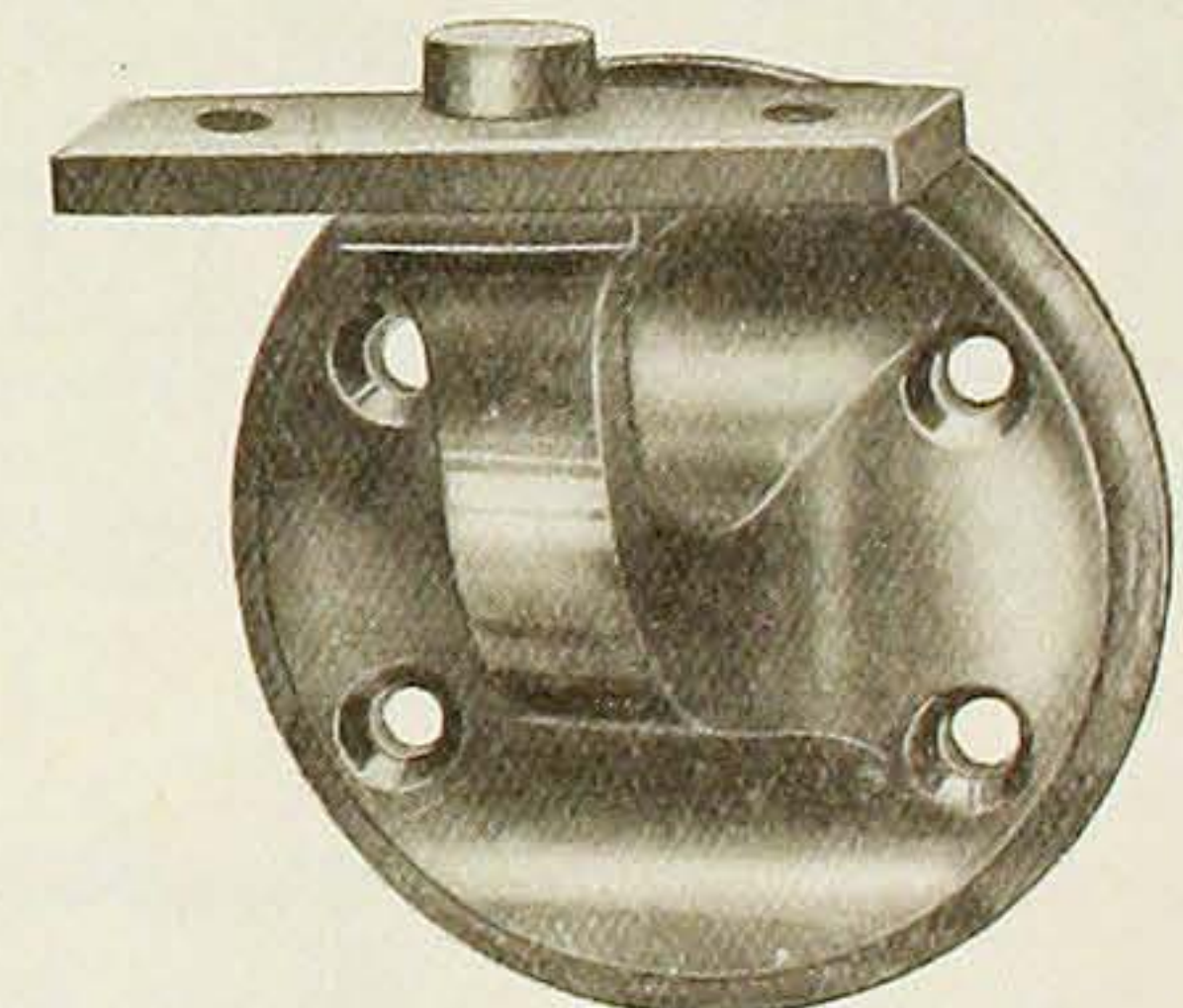
No. PHO 7149
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2"
Polished & 27/2 29/4 36/9 42/- 54/3 84/- doz.
Lac. Brass 2/4 2/7 3/2 3/8 4/8 7/2 each.
B.M.A. .. 33/3 35/- 42/- 49/- 61/3 92/4 doz.
" .. 3/- 3/2 3/8 4/3 5/3 7/10 each.

THROUGH BRACKET.

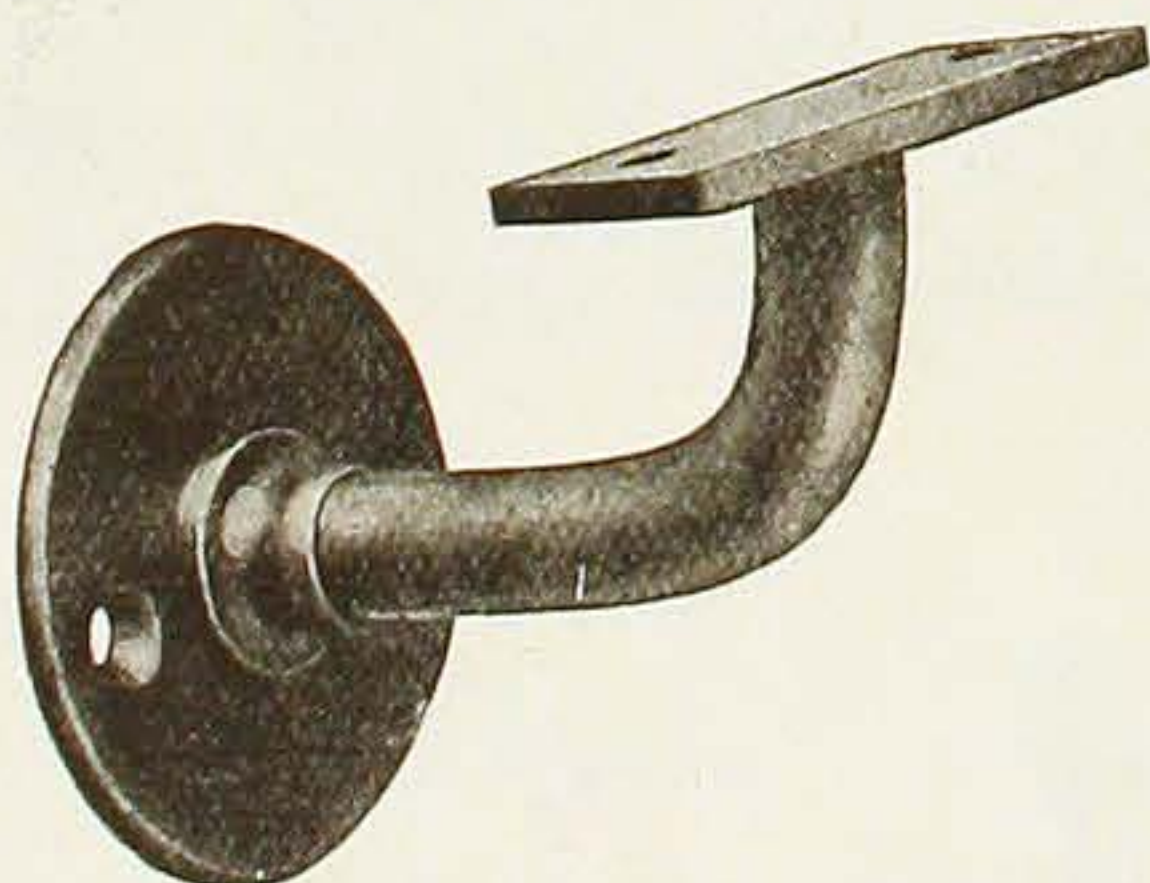
FLANGED SOCKET.



No. PHO 5946
Prices quoted on receipt of Specification and Details.



No. PHS 5950 Very Strong. Projection 2 1/2"
Polished Brass 7/6 each.
Bronze Metal Antique .. 8/4 each.



No. PHS 2080 Strong. Projection 2 1/2".

Pol. Brass.	C.B.&R. on Brass.	B.M.A.	W.M.
3/-	3/3	3/8	4/6 each.

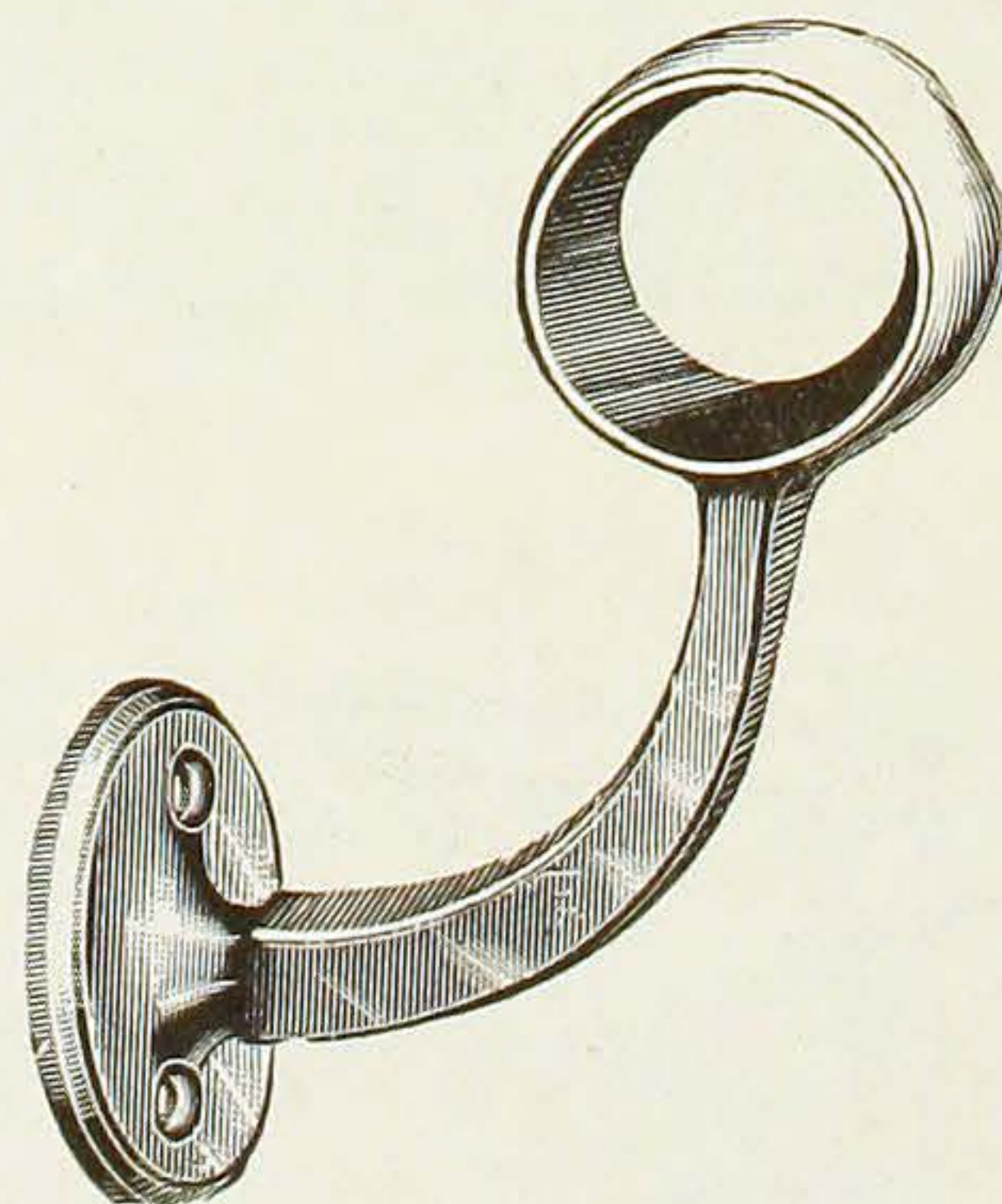
1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"
8/-	8/9	10/6	12/3	14/-	17/6	21/-	21/- doz.

1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"
2/3	2/6	2/8	3/-	3/2	3/9	4/6	5/3 each.

No. PHQ 2079 To Drive. Japanned.
2 1/2" 1/6 3 1/4" 1/8 each.

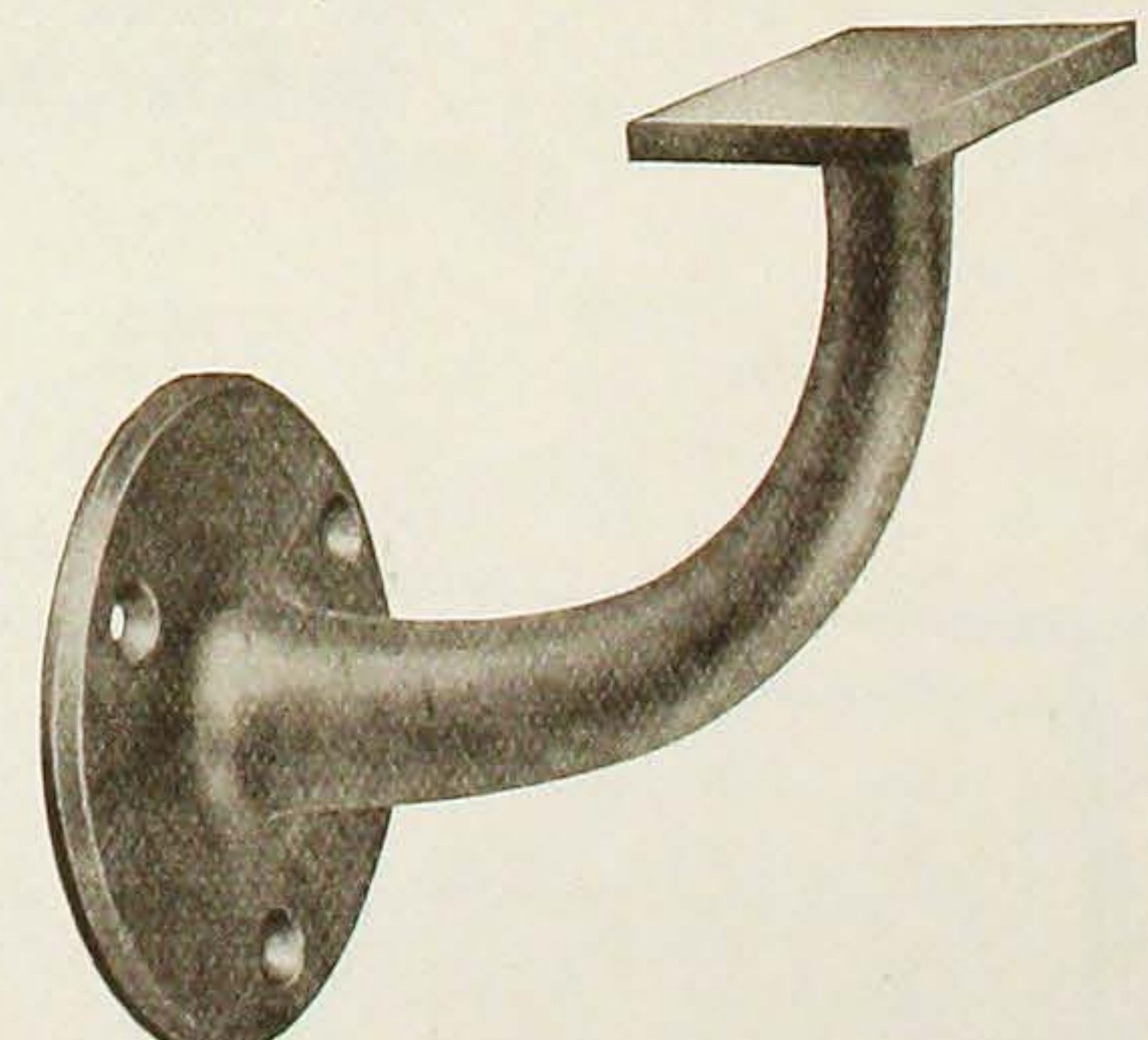
No. PHS 2086 With Bat to build in.
Jap.* Galv. Brass.

*Stock.	2 1/2"	2/-	2/7	5/10 each.
	3"	2/2	2/9	6/1 "



No. PHQ 7150

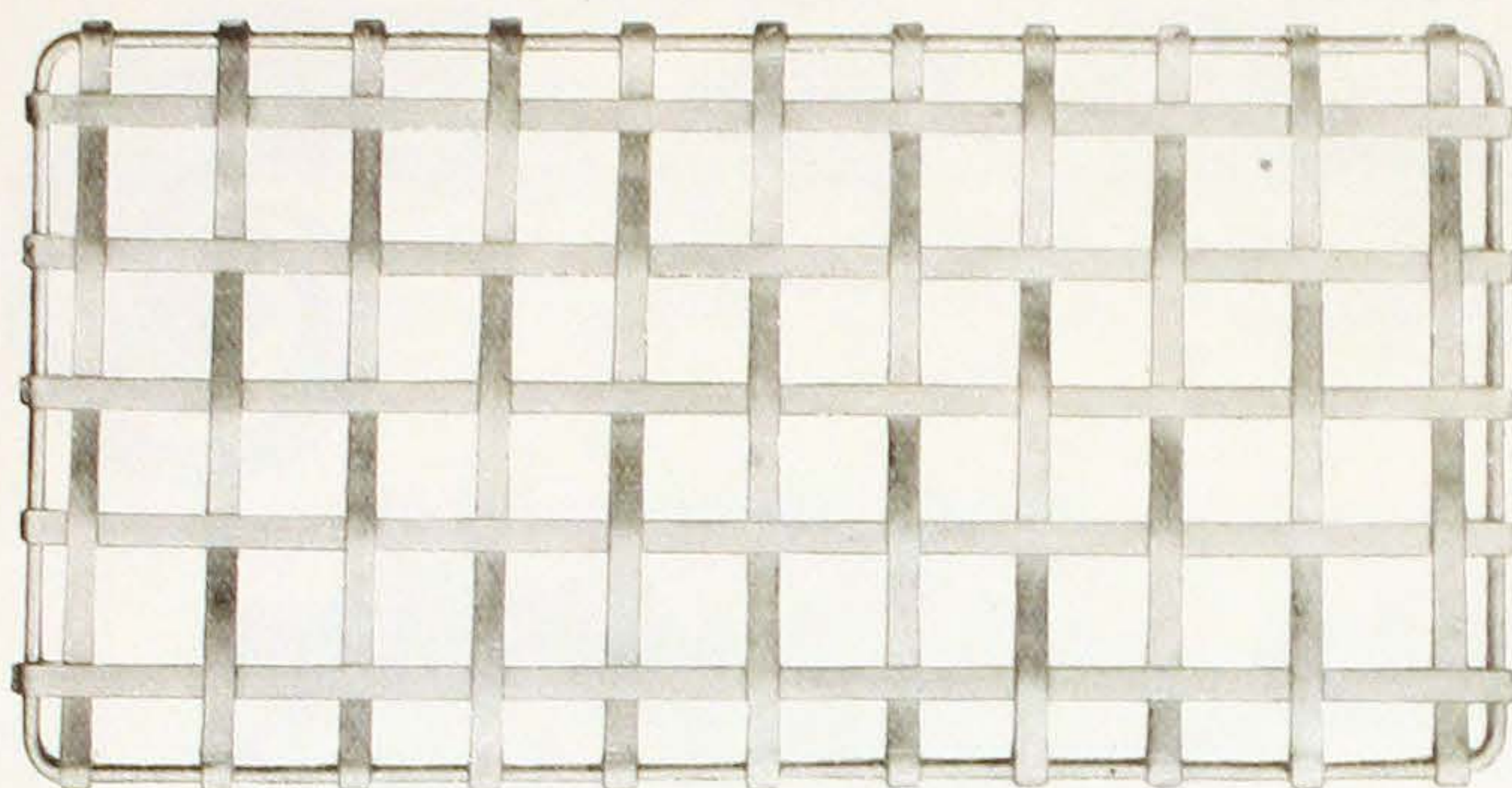
Lacquered Brass	1 1/2"	1 3/4"	2"
..	78/-	82/-	86/3 dozen.
" "	6/8	7/-	7/4 each.
B.M.A. " " ..	92/-	95/10	100/3 dozen.
" "	7/10	8/2	8/8 each.



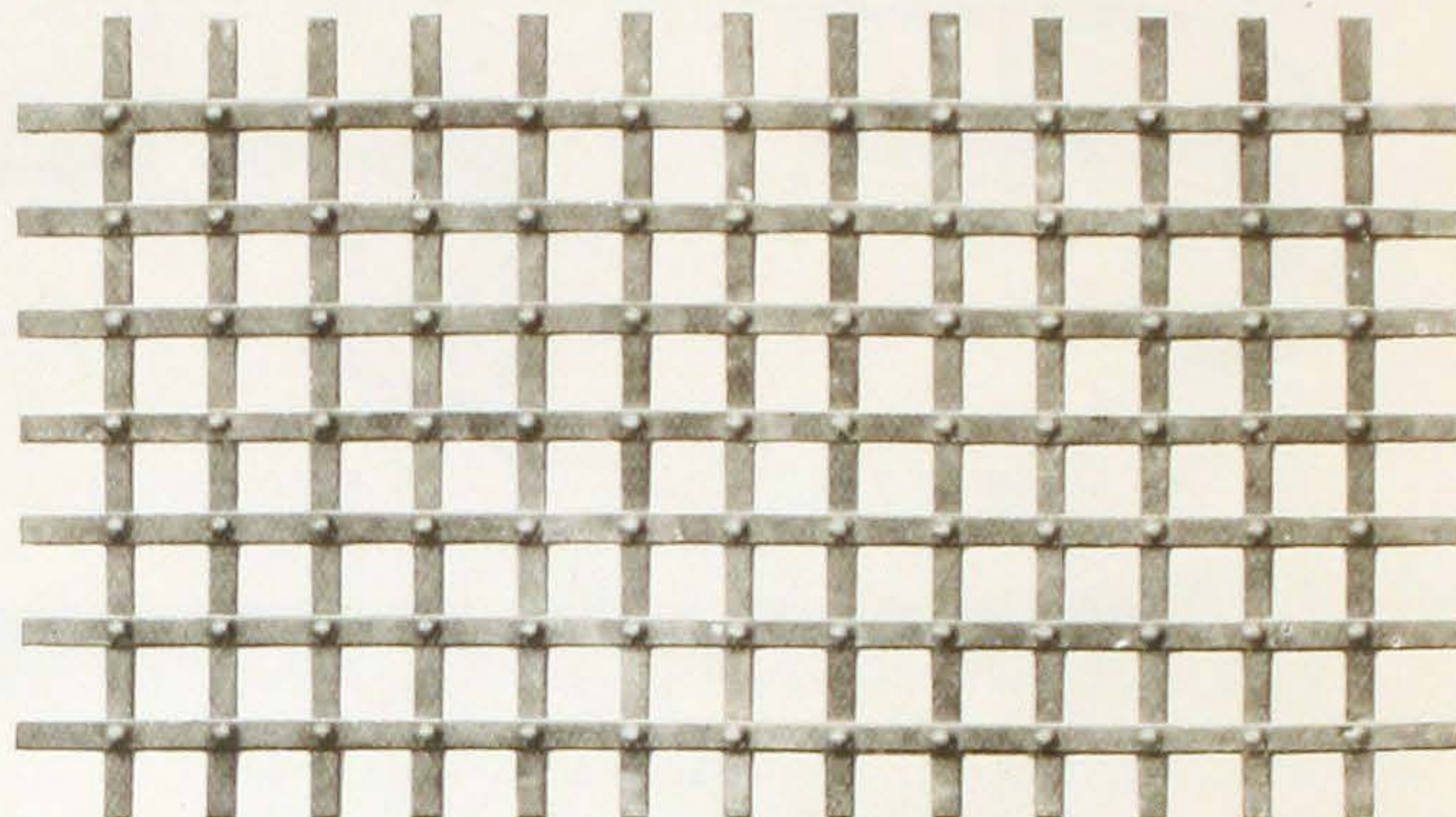
No. PHQ 5744

Pol. Brass.	C.B.&R. on Brass.	Bronze Metal Antique.
5/4	5/10	6/3 each.

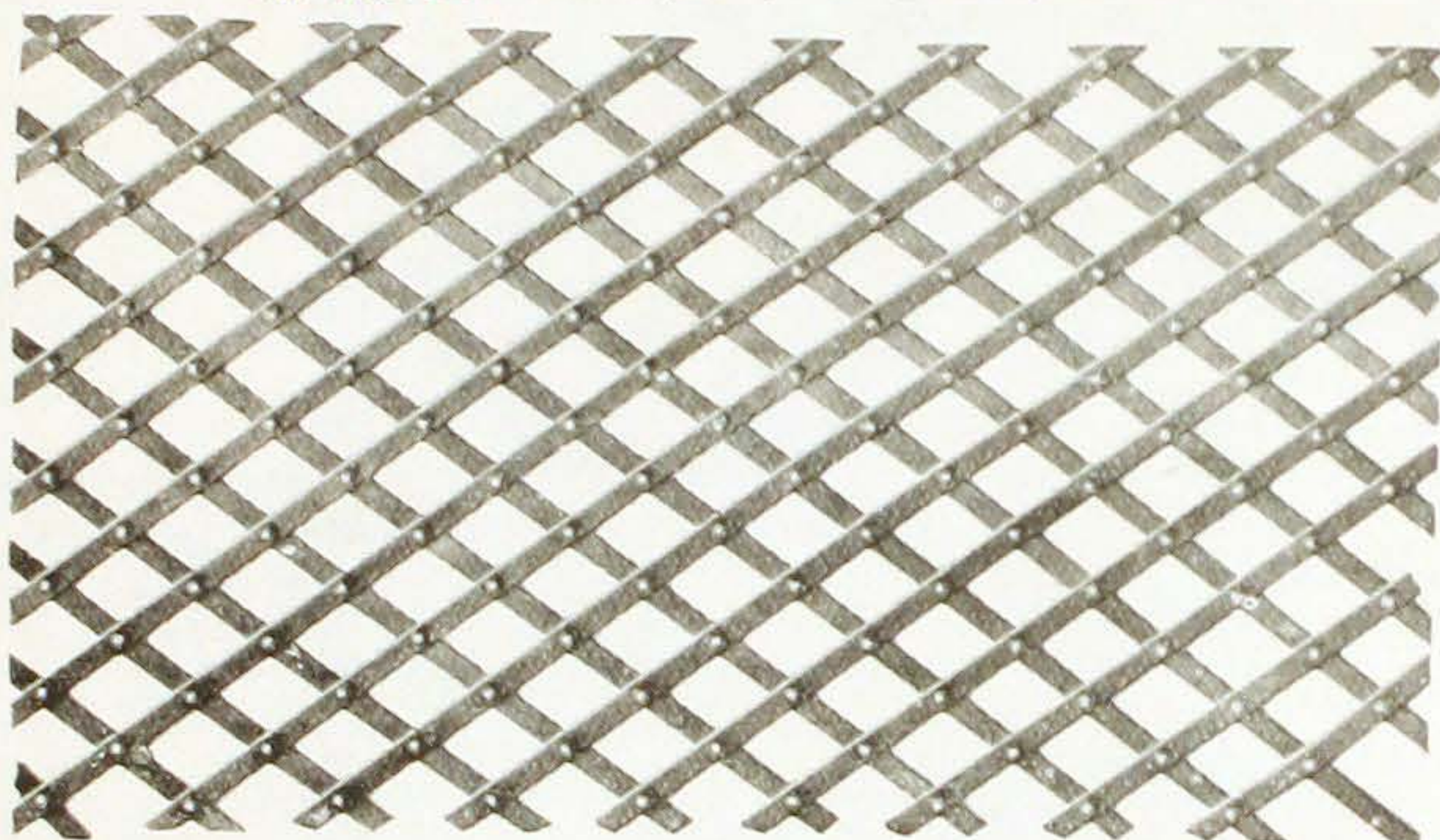
Desk or Counter Rails and Guards



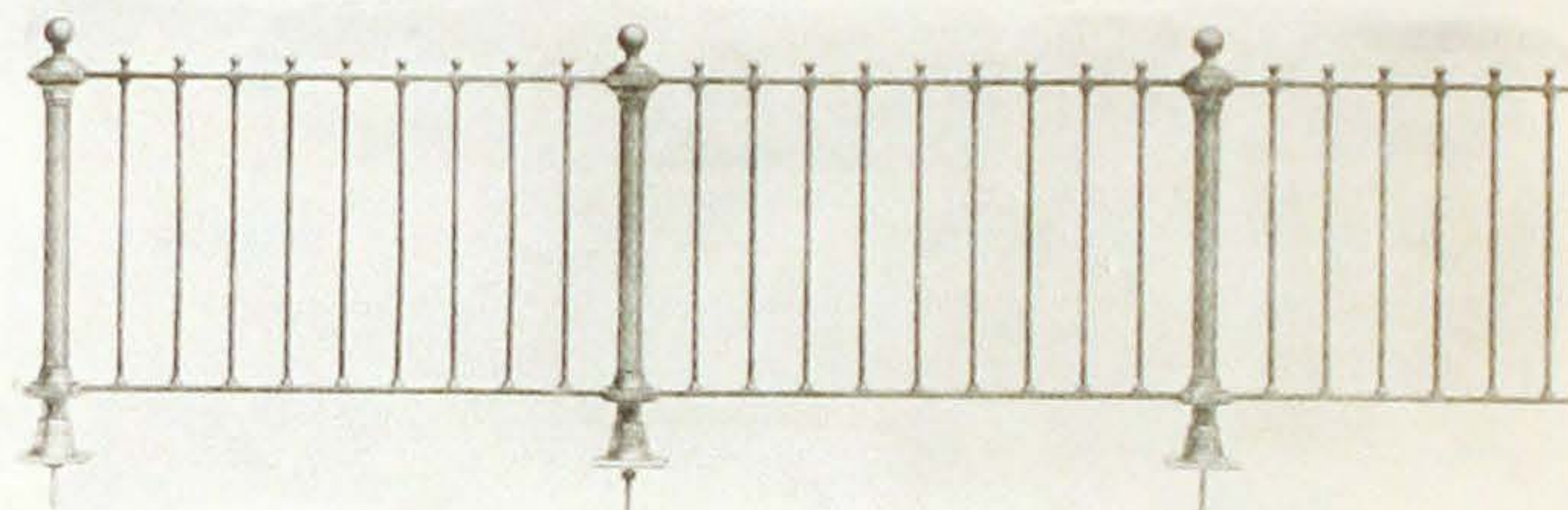
No. PHO 6774 Lowest price quoted against Specification.



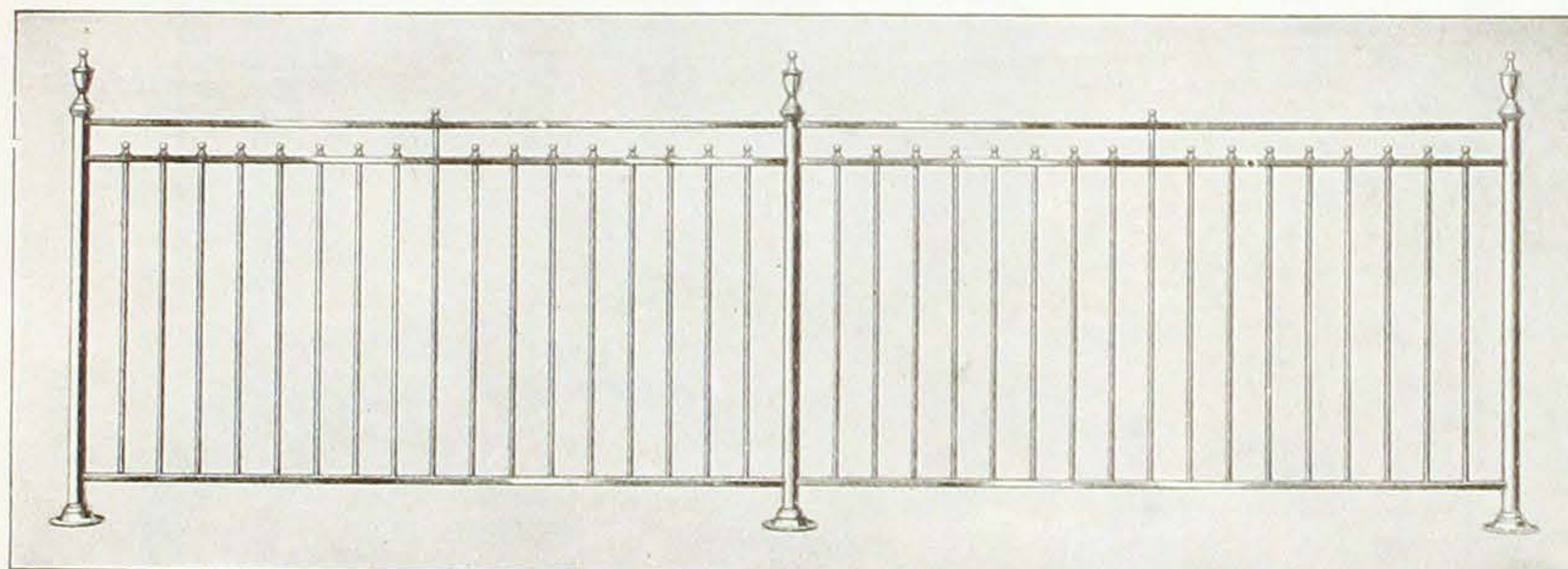
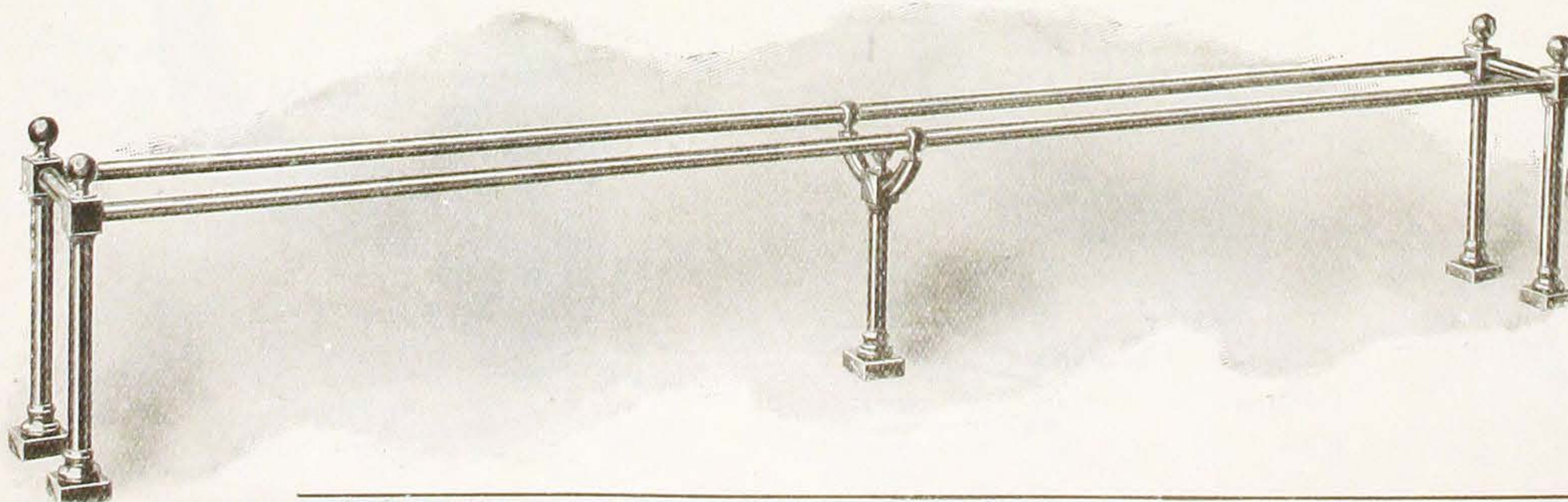
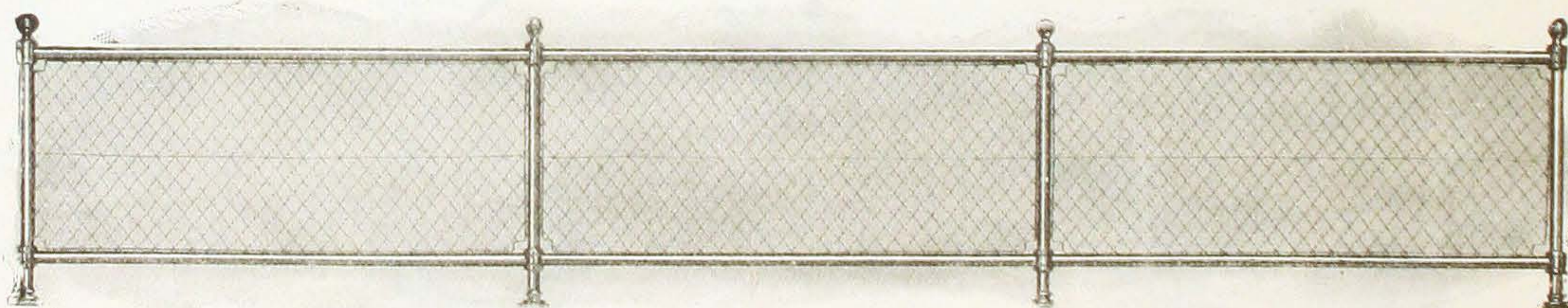
No. PHO 6775 Lowest price quoted against Specification.



No. PHO 6776 Lowest price quoted against Specification.



No. PHO 6777 Lowest price quoted against Specification.

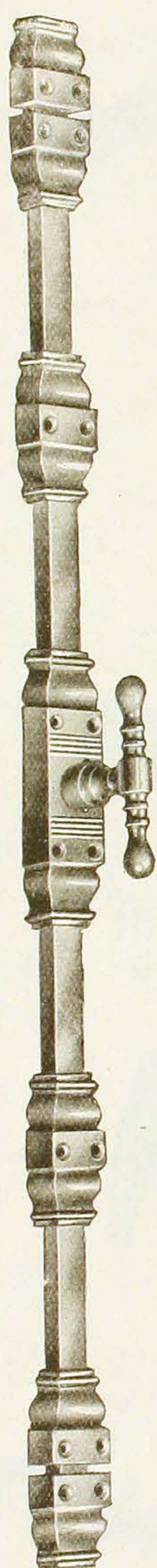
No. PHO 6778
Lowest price quoted against Specification.No. PHO 6779
Lowest price quoted
against Specification.No. PHQ 5966
Desk Rail, with square boxes and bases
and round knobs.

Size of Pillar	.. 1"	1 1/2"
Size of Rail	.. 3/4"	1"
Pillars	.. 7/2	8/- each.
Crutches	.. 11/10	13/4 "
Railing, Cased	.. 1/2	1/4 ft. run.
" All Brass, 18G.	2/-	2/3 "

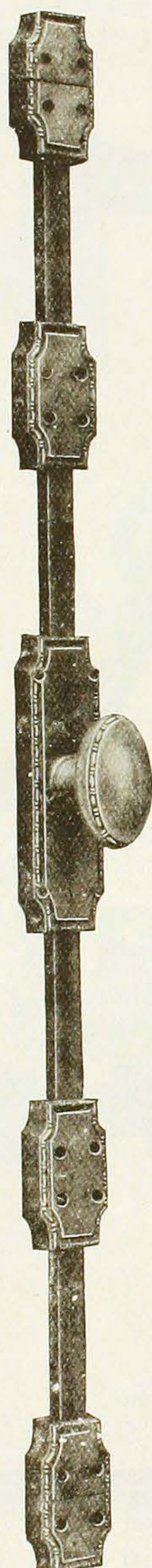
Usual height, 12" to top of Rail.

French Window and ESPAGNOLETTE Bolts

QUARTER SCALE.



No. PHO 5780
1 1/4" wide.
Rod 17/32" x 5/16"



No. PHO 5784
5' 0" long.



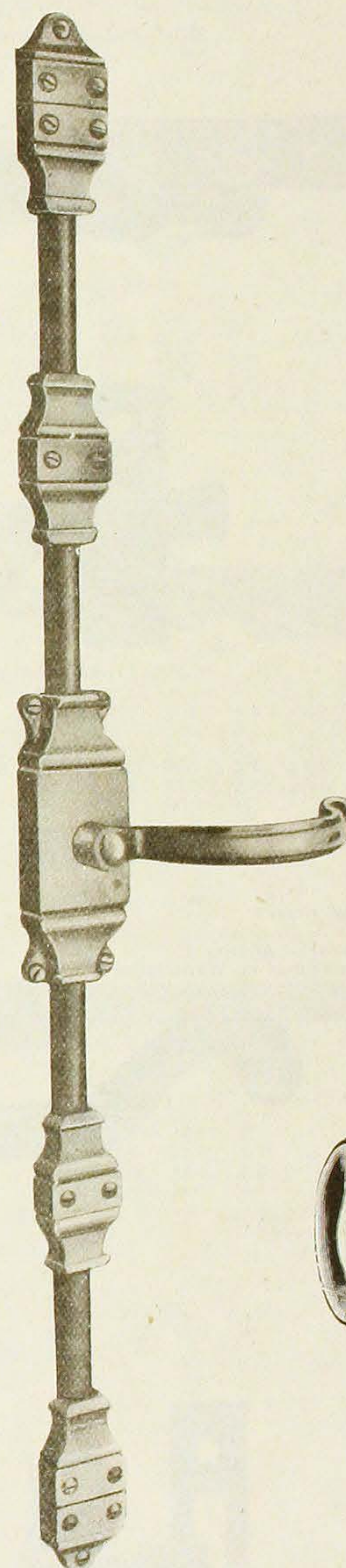
No. PHO 5779
1 3/8" wide.
Rod 5/8" x 11/32"



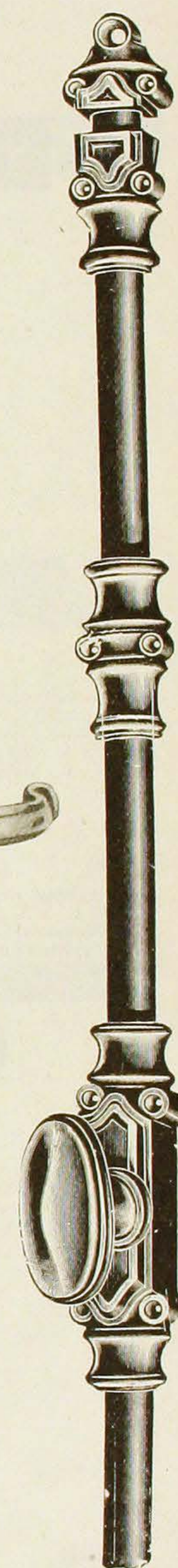
No. PHO 2582
Registered.
2 1/8" wide.
Rod 1 1/8"



No. PHO 5980
5' long.



No. PHO 5989
Box 5 1/4" x 1 3/4"
Guides, 1 1/2" wide.
If made to lock,
box is 8" x 1 3/4"
(One key supplied.)



No. PHO 5952
Rod, 3/4" x 1/4"
Half round.
Cast fittings,
1 1/2" wide.
6 to 8 ft. Wrought
Iron Bolt.

				Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
No. PHO 5780	5' 0" long	...	...	36/9	40/9	48/8	57/- each.
	Per foot extra	...	...	2/9	3/-	3/6	4/6 "
No. PHO 5784	5' 0" long	...	...	48/3	50/9	58/9	70/- "
No. PHO 5779	5' 0" long	...	...	40/-	43/6	53/6	61/3 "
	Per foot extra	...	...	2/9	3/-	3/6	4/6 "
No. PHO 2582	5' 0" long	...	...	36/9	39/6	43/-	56/- "
No. PHO 5980	5' 0" long	...	...	28/-	32/6	35/-	45/6 "
No. PHO 5989	5' 0" long	...	...	43/9	50/-	52/6	78/9 "

Made to lock (3-lever lock) 35/- extra. Made with handle on Plate, to work both sides of Door, 6/3 each extra.

No. PHO 5952 Wrought Iron Bolt, 8/9 each. With Lever Handle instead of Knob, 9/9 each.

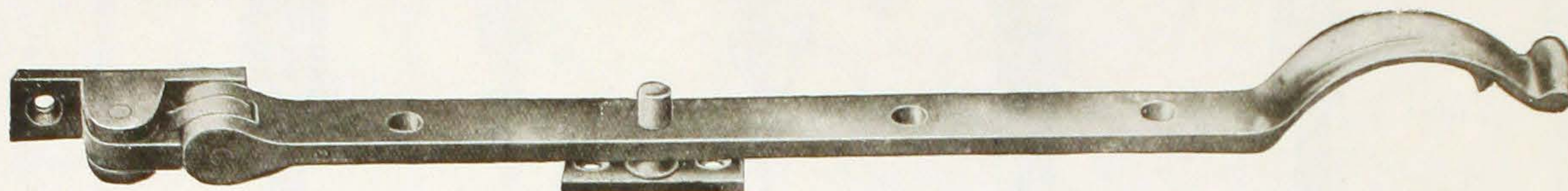
*Stocked only in Brass
and B.M.A.

Casement Stays and Fasteners

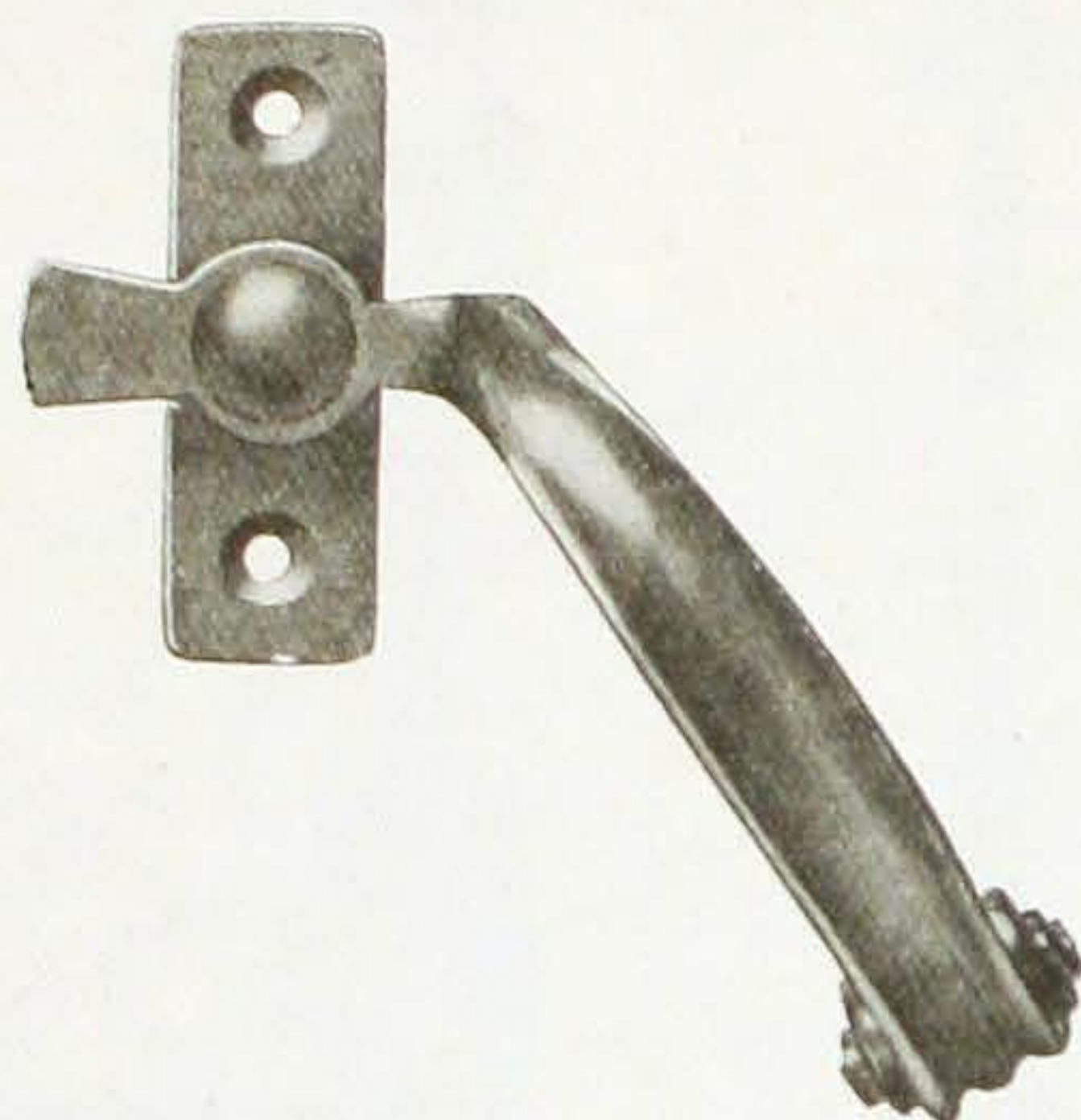
BEST QUALITY.

**Stocked only in Brass,
B.B. and B.M.A.

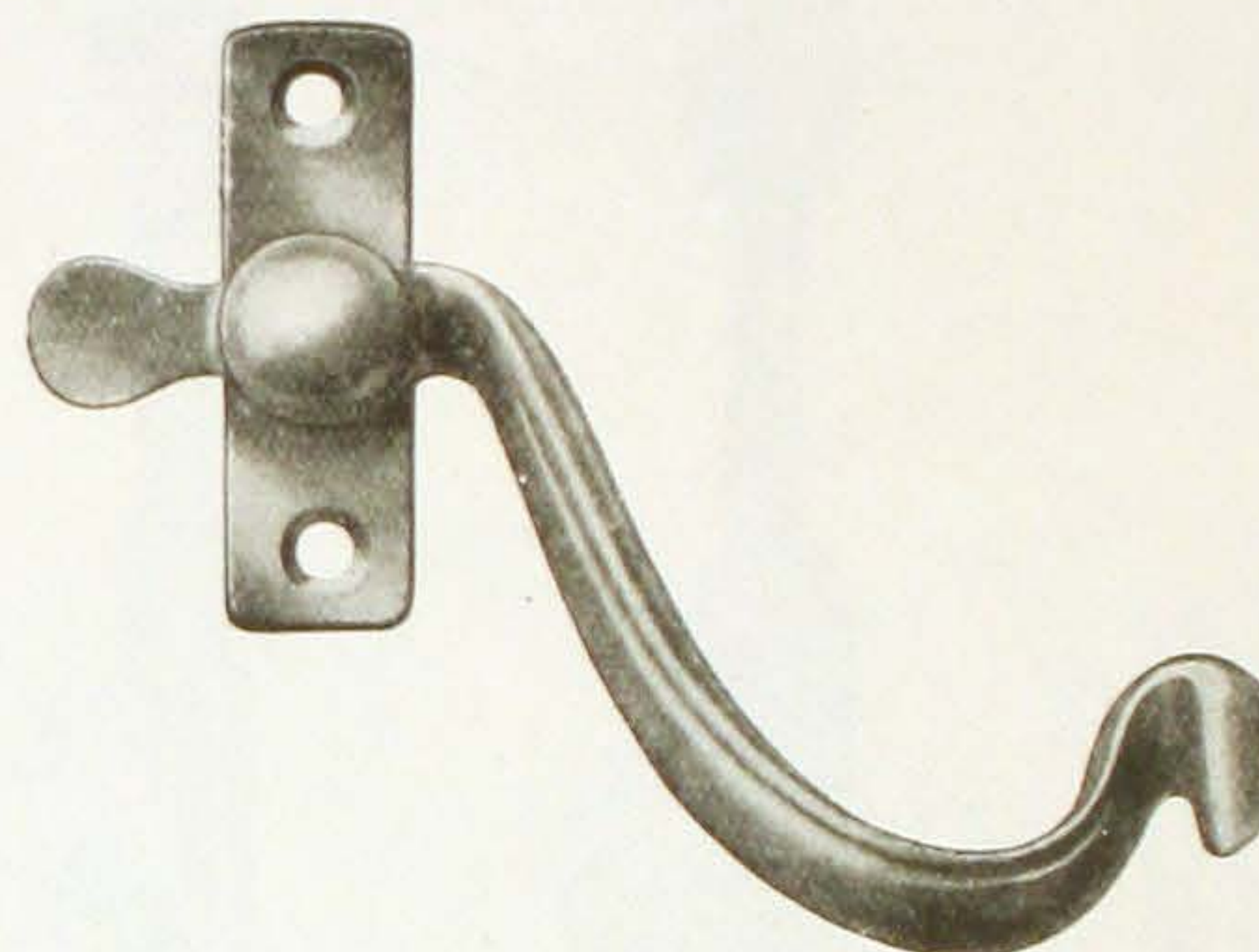
Most patterns have Recessed Back-Plates, which take up rivets and allow fixing without cutting into woodwork.



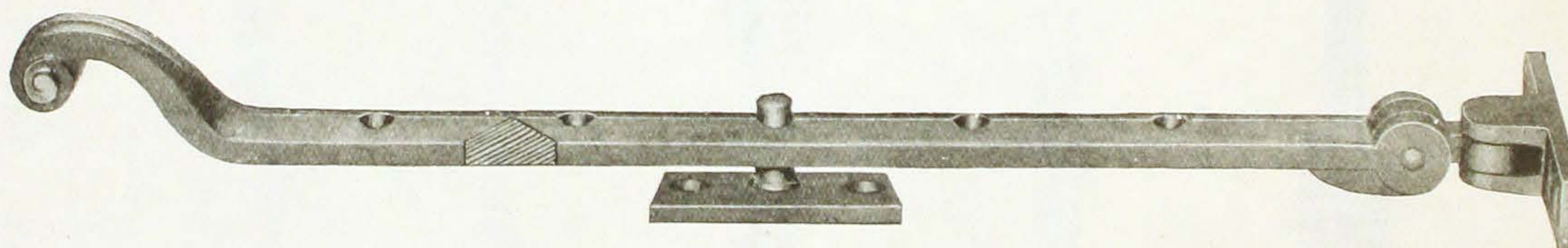
No. PHS*5798		Size 12"	
Polished Brass	doz.	78/9	6/9 each.
C. B. & R. on Brass	doz.	85/9	7/4 "
Bronze Metal Antique	doz.	94/6	8/1 "
Oxidized Silver on White Metal	doz.	115/6	9/10 "



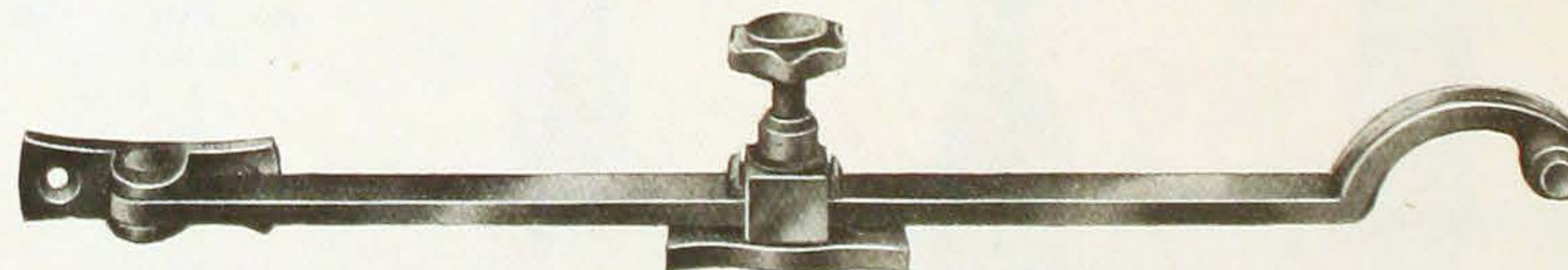
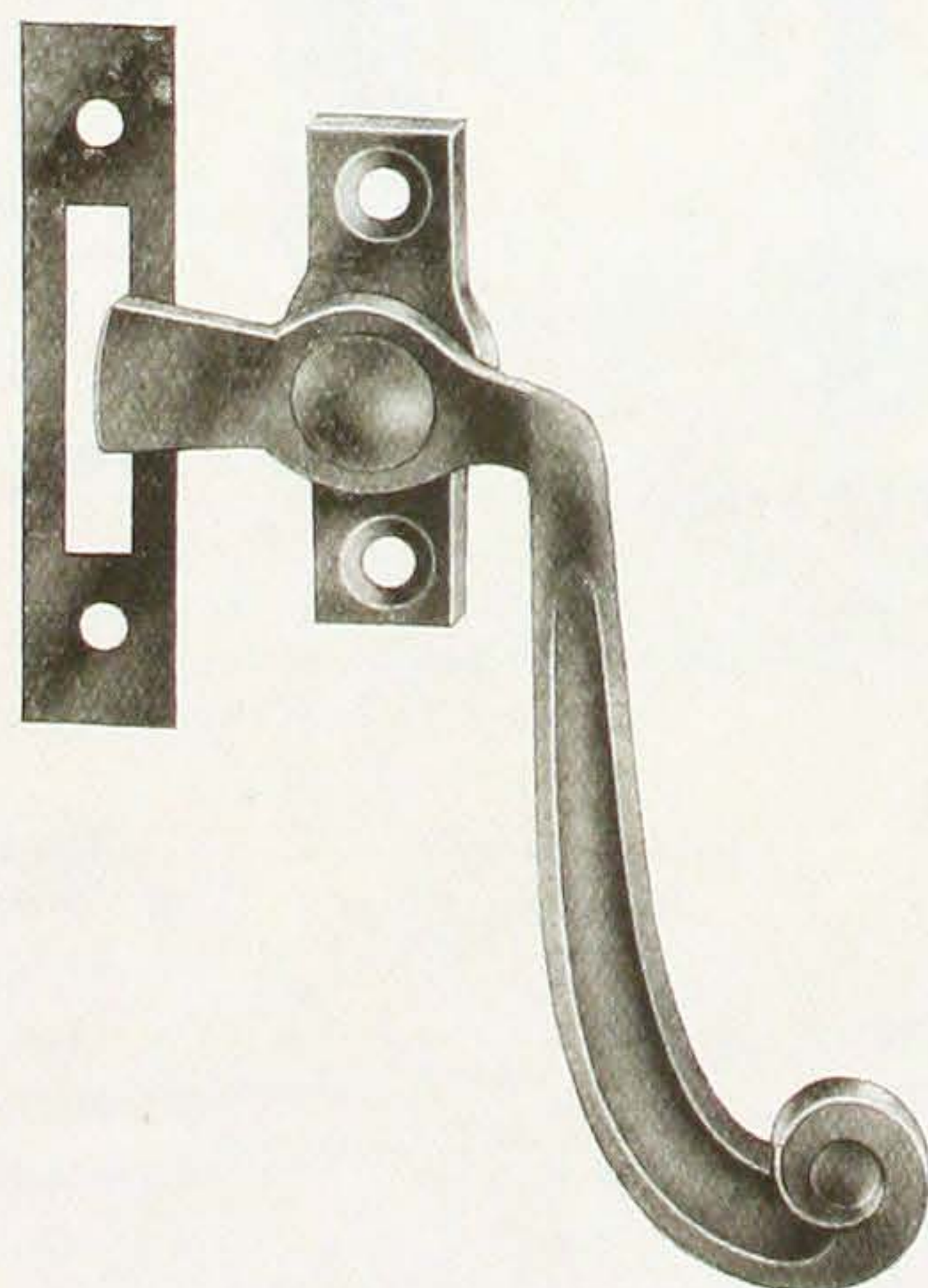
No. PHS*5805		Size 1½"			
		Mortice Plate.	Hook Plate.		
		dozen.	each.	dozen.	each.
Polished Brass	doz.	44/9	3/10	51/9	4/5
C. B. & R. on Brass	doz.	50/-	4/4	57/9	5/-
Bronze Metal Antique	doz.	53/6	4/8	63/-	5/6
Oxidized Silver on White Metal	doz.	71/9	6/2	84/-	7/3



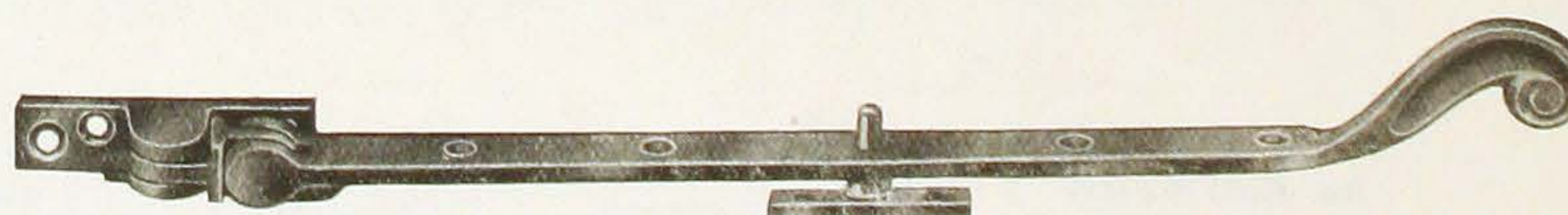
No. PHS*5803		Size 5 1/2"		Mortice Plate.		Hook Plate.	
				dozen.	each.	dozen.	each.
Polished Brass	doz.	54/3	4/8	59/6	5/2		
C. B. & R. on Brass	doz.	59/6	5/2	65/9	5/8		
Bronze Metal Antique	doz.	65/9	5/8	71/-	6/2		
Oxidized Silver on White Metal	doz.	84/-	7/2	92/-	7/10		



No. PHS*5785		Size 12"	
Brass	doz.	77/-	6/8 each.
C. B. & R. on Brass	doz.	91/-	7/10 "
Bronze Metal Antique	doz.	94/6	8/- "
Oxidized Silver on White Metal	doz.	112/-	9/6 "



No. PHS**9243															
Size.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Ox. Silver on Brass.		
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	
10"	22/-	2/-	25/6	2/4	25/6	2/4	63/-	5/6	70/-	6/-	80/6	6/10	84/-	7/2	
12"	23/8	2/2	27/2	2/5	27/2	2/5	66/6	5/8	73/6	6/3	84/-	7/2	87/6	7/6	



No. PHS**9240														
Size,	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Ox. Silver on Brass.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10" ..	15/-	1/4	18/6	1/8	18/6	1/8	38/6	3/4	43/9	3/9	45/6	4/-	57/9	5/-
12" ..	16/8	1/6	20/3	1/10	20/3	1/10	42/-	3/8	47/3	4/2	49/-	4/3	61/3	5/3

No. PHS**9239

Plate.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Brass.		C. B. & R. on Bronze Metal		Ox. Silver on Brass.			
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.		
Mullion	12/9	1/2	15/4	1/5	15/4	1/5	36/9	3/2	40/3	3/6	42/-	3/8	50/9	4/4
Hook	11/10	1/1	14/6	1/4	14/6	1/4	35/-	3/-	38/6	3/4	40/3	3/6	49/-	4/2
Slot	10/6	1/-	13/2	1/2	13/2	1/2	31/6	2/9	35/-	3/1	36/9	3/2	45/6	4/-

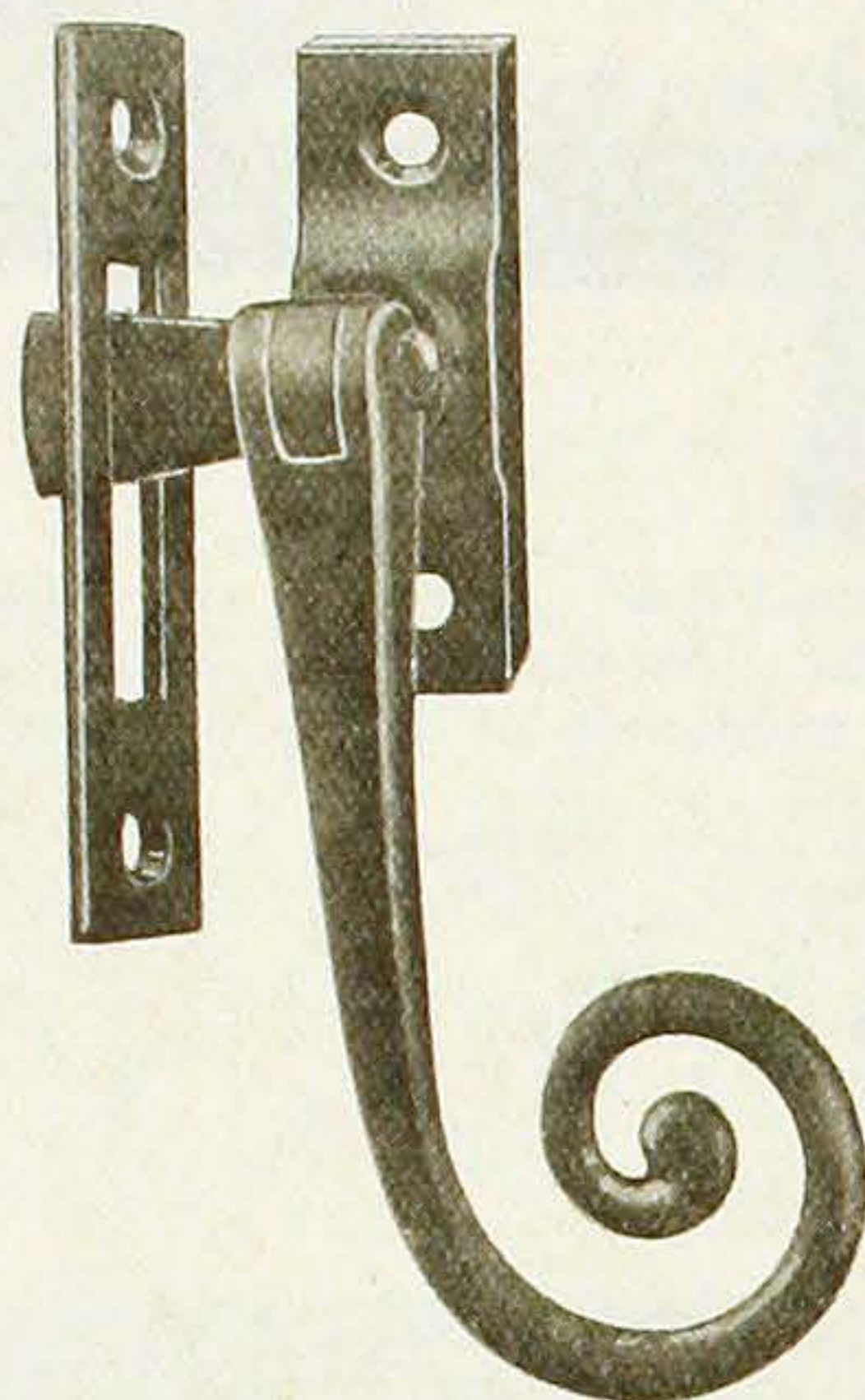
Extra for Chromium Plating Stainless
for any of the above, 5/- each nett.

**Stocked only in B.B.,
Brass and B.M.A.

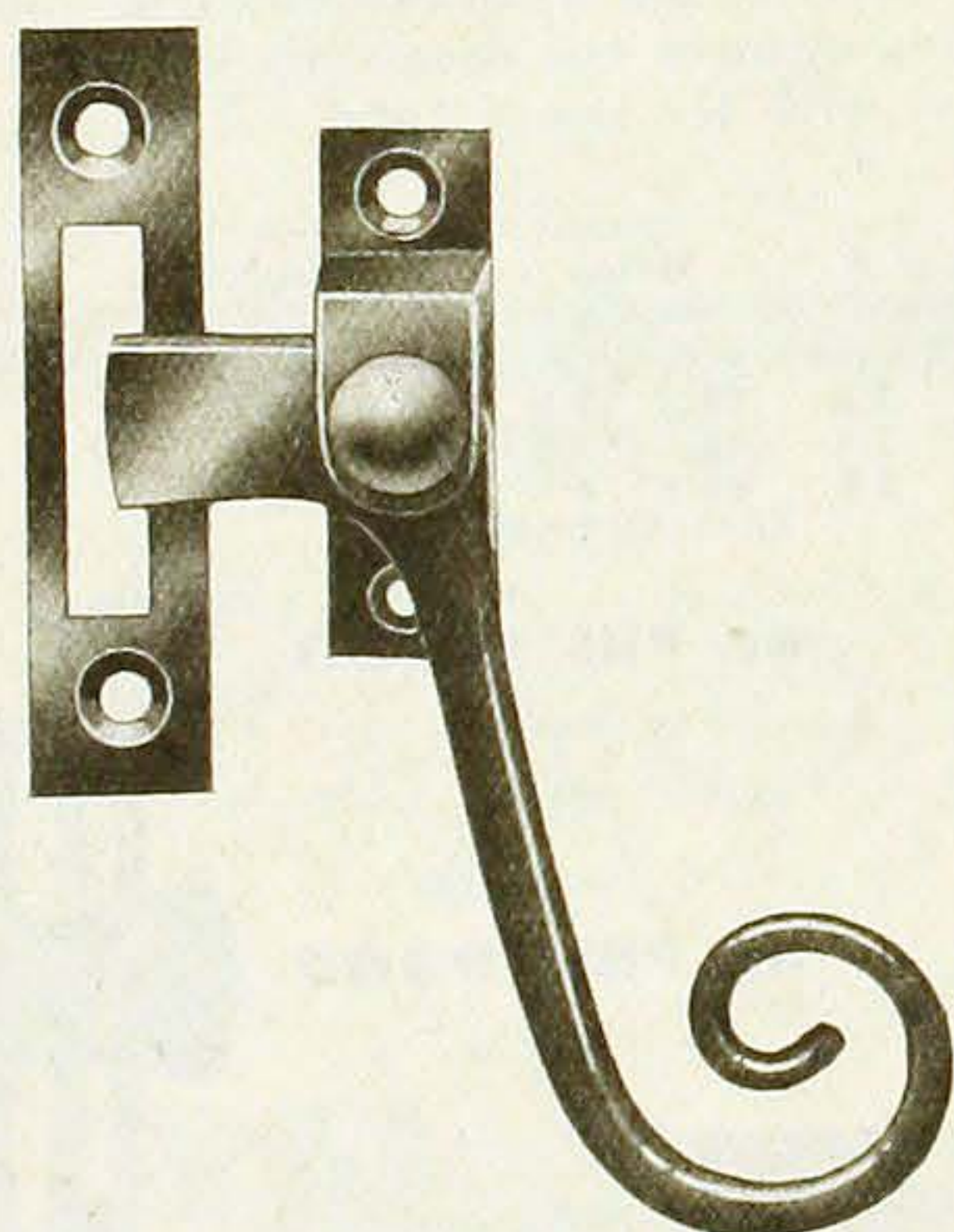
Casement Stays and Fasteners

BEST QUALITY.

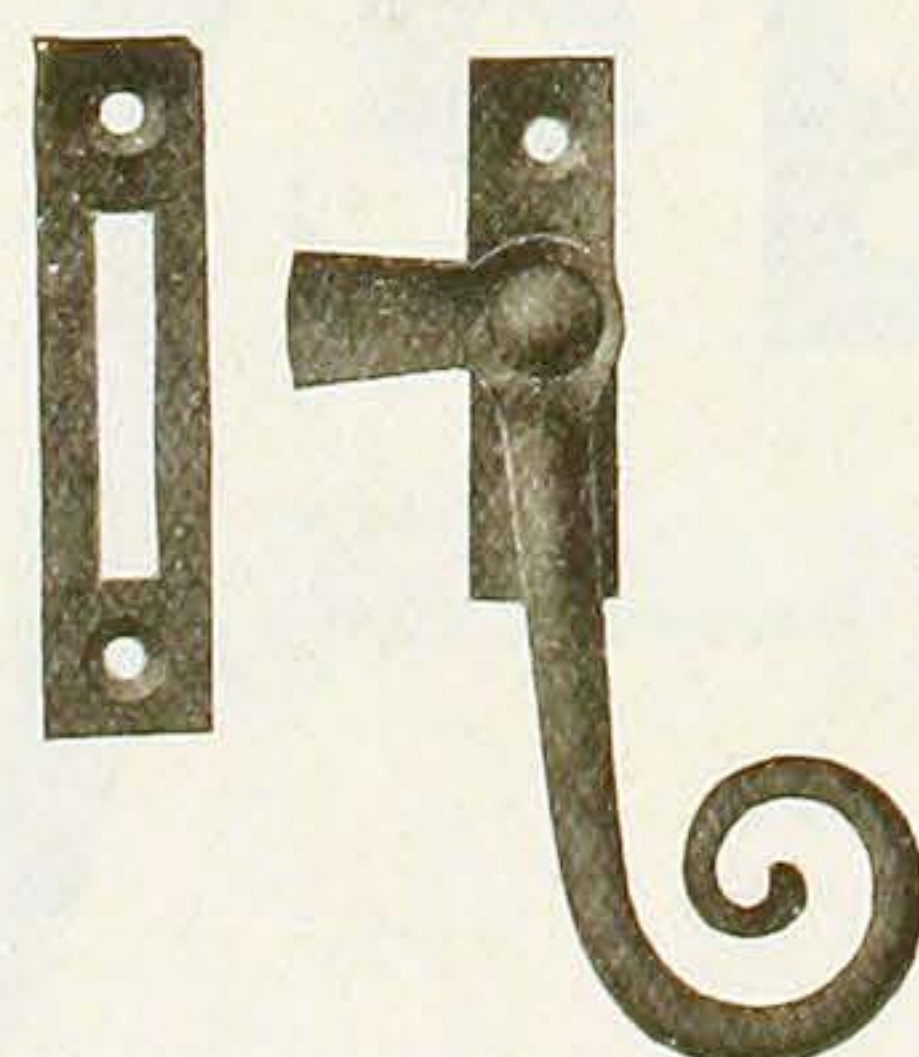
Most patterns have Recessed Back-Plates which take up rivets and allow fixing without cutting into woodwork.



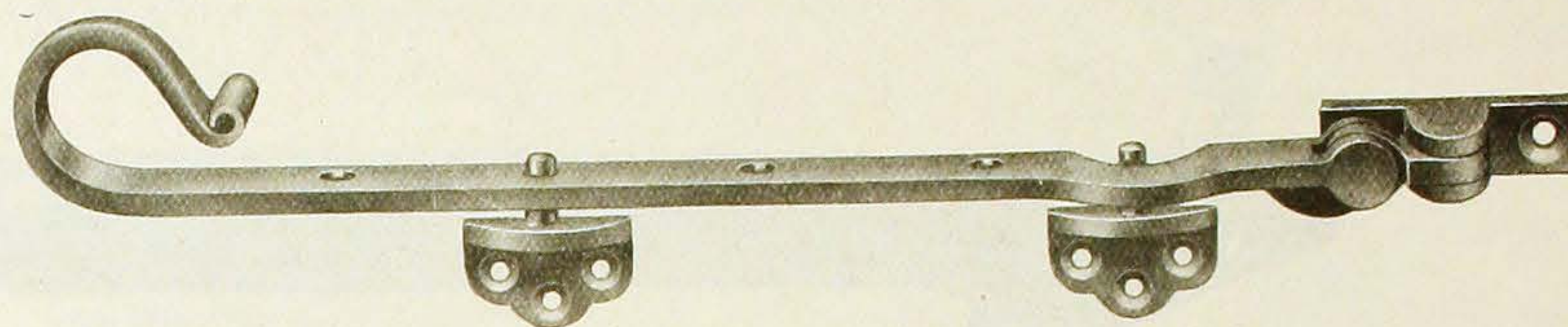
No. PHS**9226	Size 4"	Mullion.		Hook.		Slot.	
		doz.	each.	doz.	each.	doz.	each.
Berlin Black	..	12/-	1/2	11/-	1/1	9/8	11d.
Sheradized Berlin Black	..	14/6	1/4	13/9	1/3	12/3	1/2
Parwinac R.R.	..	14/6	1/4	13/9	1/3	12/3	1/2
Brass	..	35/-	3/2	33/3	3/-	29/9	2/8
C. B. & R. on Brass	..	38/6	3/4	36/9	3/3	33/3	3/-
Bronze Metal Antique	..	40/3	3/6	38/6	3/4	35/-	3/2
Oxidized Silver on Brass	..	49/-	4/3	47/3	4/2	43/9	3/10



No. PHS**9242	Size 4 1/2"	Reversible, adjusted with loose rivet at the back.		Plate.		Hook		Slot	
		doz.	each.	doz.	each.	doz.	each.	doz.	each.
Berlin Black	..	8/4	9d.	11/-	1/-	11/-	1/-	11/-	1/-
Sheradized B.B.	..	11/-	1/-	11/-	1/-	11/-	1/-	11/-	1/-
Parwinac R.R.	..	9/8	10d.	9/8	10d.	9/8	10d.	9/8	10d.
Brass	..	21/6	1/10	21/6	1/10	21/6	1/10	21/6	1/10
C. B. & R. on Brass	..	24/6	2/2	24/6	2/2	24/6	2/2	24/6	2/2
Bronze Metal Antique	..	29/6	2/3	29/6	2/3	29/6	2/3	29/6	2/3
Ox. Silver on Brass	..	32/6	2/9	32/6	2/9	32/6	2/9	32/6	2/9



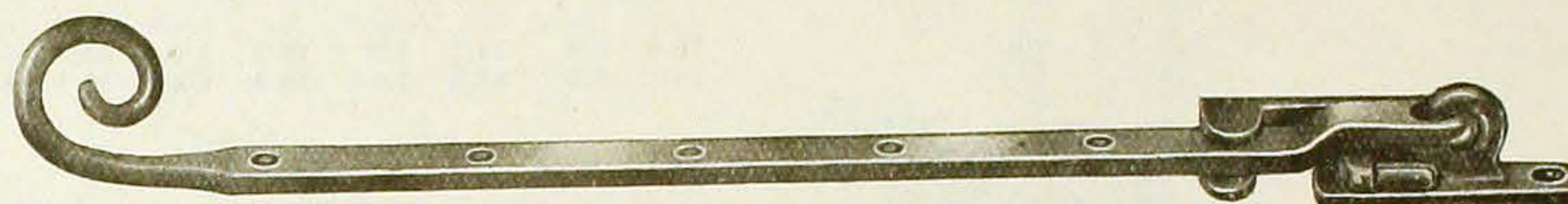
No. PHS**6293	Size 4"	Plate.		Hook		Slot	
		doz.	each.	doz.	each.	doz.	each.
Berlin Black	..	6/7	8d.	9/3	11d.	8/4	10d.
Sheradized B.B.	..	5/9	7d.	8/4	10d.	7/2	8d.
Parwinac R.R.	..	4/6	6d.	7/-	8d.	7/-	8d.
Brass	..	21/6	1/10	21/6	1/10	21/6	1/10
C. B. & R. on Brass	..	24/6	2/2	24/6	2/2	24/6	2/2
Bronze Metal Antique	..	29/6	2/3	29/6	2/3	29/6	2/3
Ox. Silver on Brass	..	32/6	2/9	32/6	2/9	32/6	2/9



No. PHS 9008 Extra Strong, for Lights flush with Frame.

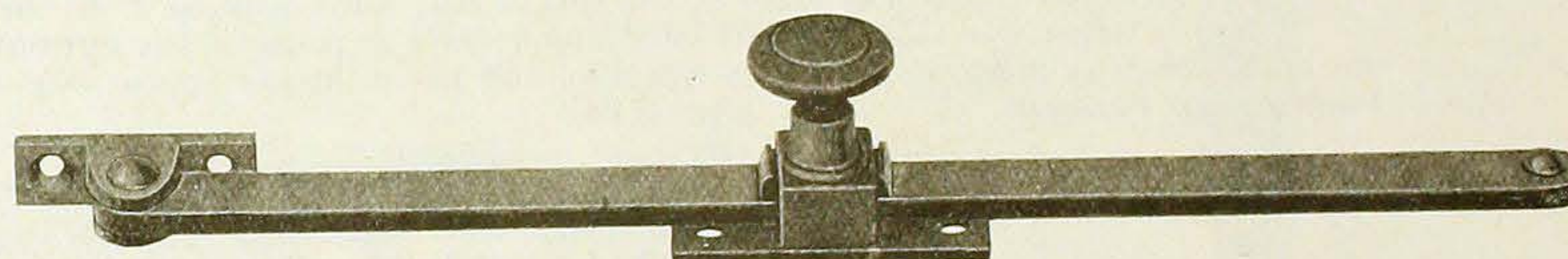
	Size.	10"		12"	
		doz.	each.	doz.	each.
Berlin Black	..	56/-	4/10	57/9	5/-
Sheradized Berlin Black	..	58/8	5/-	60/6	5/3
Parwinac R.R.	..	58/8	5/-	60/6	5/3
C. B. & R. on Iron	..	67/6	5/9	70/-	6/-

Stocked in B.B. only.



No. PHS**9229 COMBINED STAY AND FASTENER.

Size.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Ox. Silver on Brass.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	12/9	1/2	17/-	1/7	16/3	1/6	30/8	2/8	35/-	3/2	40/3	3/6	54/3	4/8
12"	14/6	1/4	18/-	1/8	17/6	1/8	33/3	3/-	38/6	3/4	43/9	3/9	57/9	5/-



No. PHS 9007

	Size.	10"		12"	
		doz.	each.	doz.	each.
Berlin Black	..	21/-	1/10	22/9	2/-
Sheradized B.B.	..	30/9	2/8	32/6	2/10
Parwinac R.R.	..	28/-	2/6	29/9	2/8
C. B. & R. on Iron	..	36/9	3/2	38/6	3/4

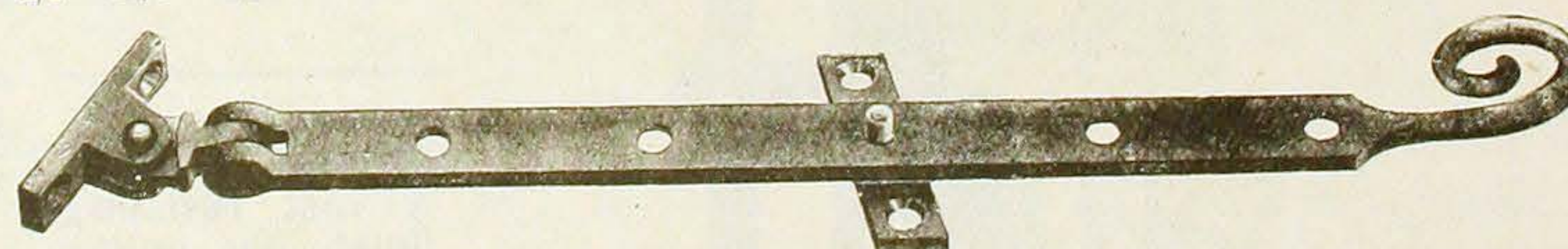
Stocked in B.B. only.

Also made for Casements opening inwards.

No. PHS 6287

	Size.	10"		12"		15"	
		doz.	each.	doz.	each.	doz.	each.
Berlin Black	..	43/9	3/9	44/9	3/10	45/6	4/-
Sheradized B.B.	..	49/-	4/3	50/9	4/4	—	—

Stocked in B.B. only.



No. PHS**6284	Plate.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Ox. Silver on Brass.	
		doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
8"	..	9/8	11d.	13/3	1/3	12/3	1/2	24/6	2/2	29/9	2/8	36/9	3/2	38/6	3/4
10"	..	10/6	1/-	15/-	1/4	13/2	1/3	28/-	2/6	33/3	2/10	38/6	3/4	42/-	3/8
12"	..	11/9	1/1	15/4	1/5	15/4	1/5	31/6	2/9	36/9	3/2	42/-	3/8	45/6	3/11
14"	..	14/-	1/3	17/6	1/7	17/6	1/7	36/9	3/2	42/-	3/8	47/3	4/2	50/9	4/4

No. PHS**6285	Size.	10"		12"		15"	
		doz.	each.	doz.	each.	doz.	each.
10"	..	16/8	1/6	20/2	1/10	20/3	1/10
12"	..	18/6	1/8	22/-	2/-	22/-	2/-
15"	..	22/9	2/-	26/3	2/4	26/3	2/4

PARWINAC FINISH.

A rust resisting finish not unlike japanning.

PARWINAC R.R.

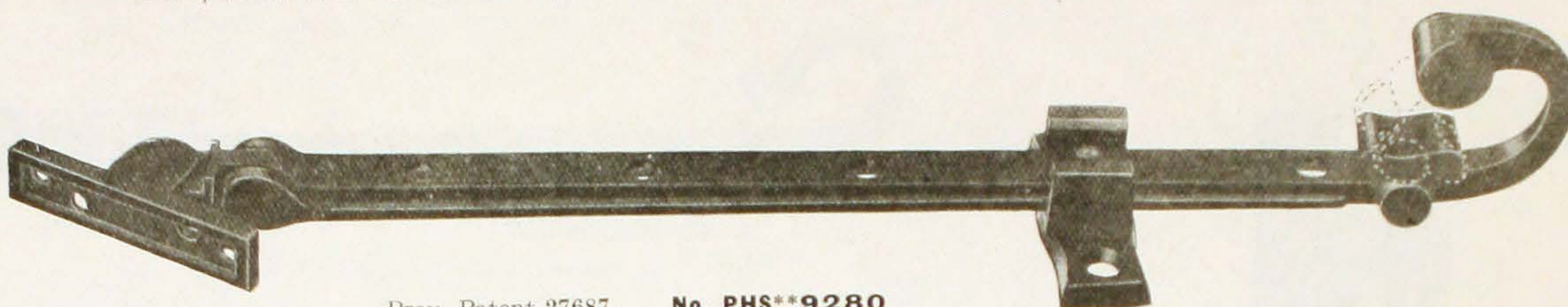
A rust resisting finish of a Matt Berlin Black colour.

BEST QUALITY.

Casement Stays and Fasteners

**Stocked only in B.B.,
Brass and B.M.A.

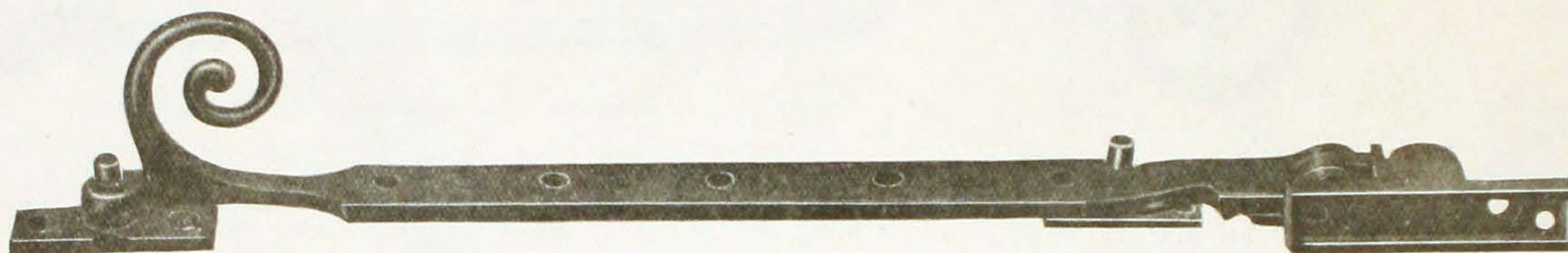
Most patterns have Recessed Back-plates which take up rivets and allow fixing, without cutting into woodwork.



Prov. Patent 27687. No. PHS**9280

This Stay Bar is recessed at back and rides upon the pin head, which sinks into the required hole. When in the riding position the lugs on the slide attached to the centre pin engage in small grooves along the sides of the bar. No matter how carelessly handled, or the wind lift, the stay bar cannot possibly fall down, even when the pin is out of hole for the small stop at handle end will not allow the lugs on the slide to pass. This stop may be raised in order to free the casement when desired.

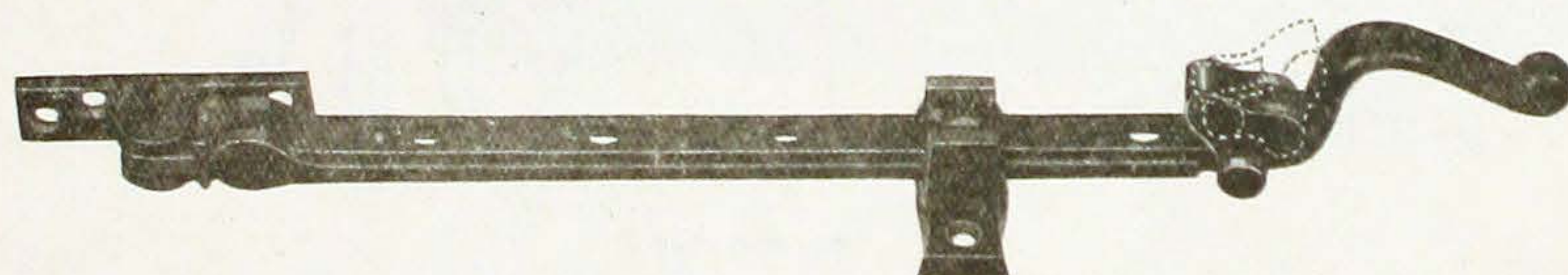
Size.	Berlin Black.		Sheradized Berlin Black.		ParWinAc Finish.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	26/9	2/4	31/3	2/9	28/6	2/6	68/3	5/10	75/3	6/5	78/9	6/9	30/3	2/7
12"	28/-	2/6	32/6	2/10	29/9	2/8	73/6	6/3	78/9	6/9	84/-	7/2	31/6	2/9



Regd. No. 703373. No. PHS**9281

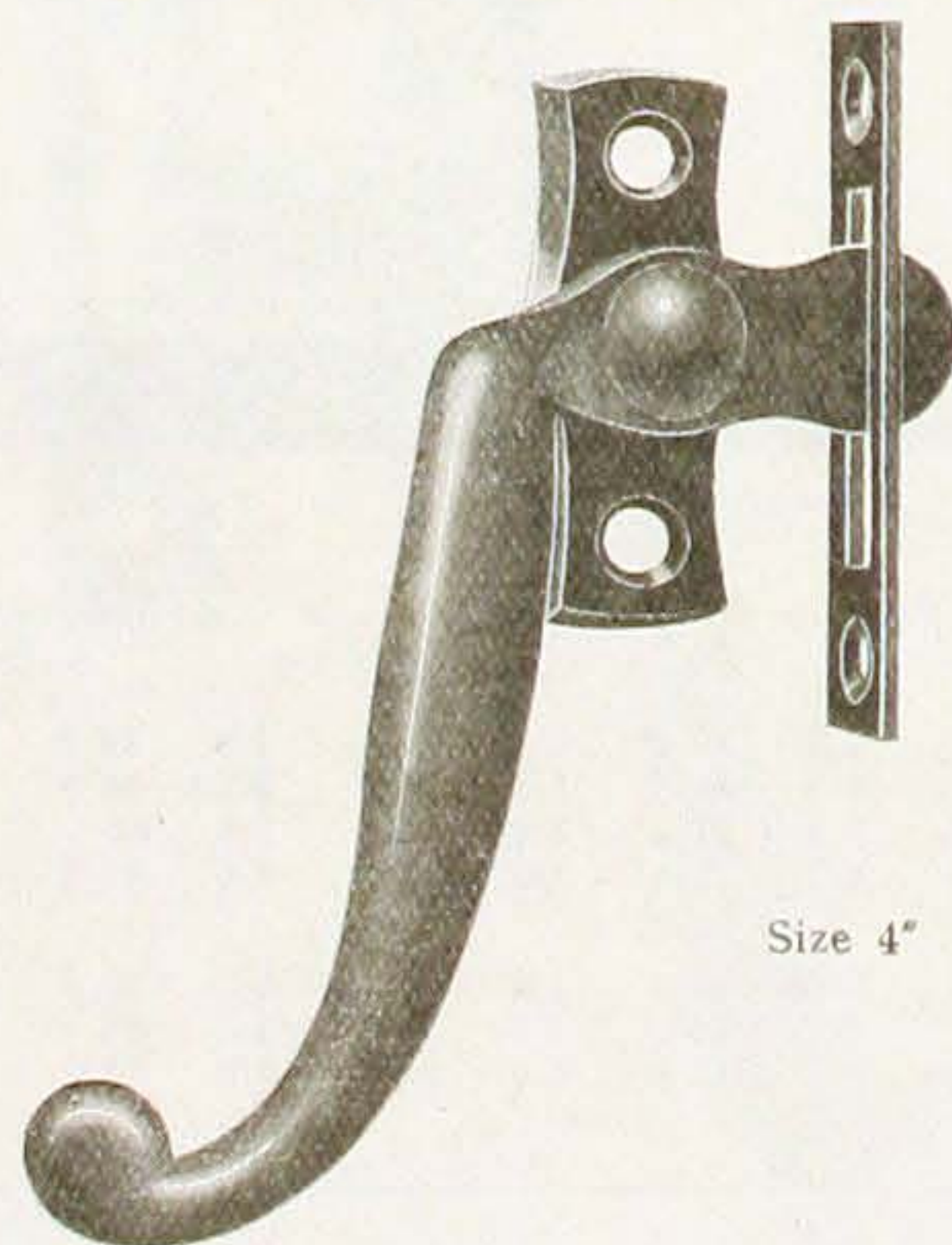
Casement Stay. The Pin Hole at the end of stay adds approx. 2" to the length, thereby allowing casement to open an additional 2". Gives a larger size stay without very much extra expense. The cut-out alongside ensures the casement being brought and held closer all the way along its bottom edge, avoiding the ill-fitting appearance associated with the usual type. This Stay also acts as a Fastener for Fanlight.

Size.	Berlin Black.		Sheradized Berlin Black.		ParWinAc Finish.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
8"	13/3	1/3	16/9	1/7	15/-	1/4	31/6	2/9	36/-	3/2	40/3	3/6	16/9	1/7
10"	15/-	1/5	18/6	1/9	16/9	1/6	33/3	2/11	37/9	3/4	42/-	3/8	18/6	1/9
12"	16/9	1/7	20/3	1/11	18/6	1/8	36/9	3/3	41/3	3/8	45/6	4/-	20/3	1/11



No. PHS**9285 Similar in construction to No. PHS**9280 described above. The shape of this handle gives a particularly pleasing facile grip.

Size	Berlin Black.		Sheradized Berlin Black.		ParWinAc Finish.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	25/3	2/2	29/8	2/6	27/-	2/4	59/6	5/2	64/9	5/6	73/6	6/3	29/6	2/6
12"	26/3	2/3	30/9	2/8	28/-	2/6	63/-	5/4	70/-	6/-	78/9	6/9	30/9	2/8



Size 4"

PARWINAC FINISH.
A rust resisting finish not unlike japanning.

PARWINAC R.R.
A rust resisting finish of a matt Berlin Black colour.

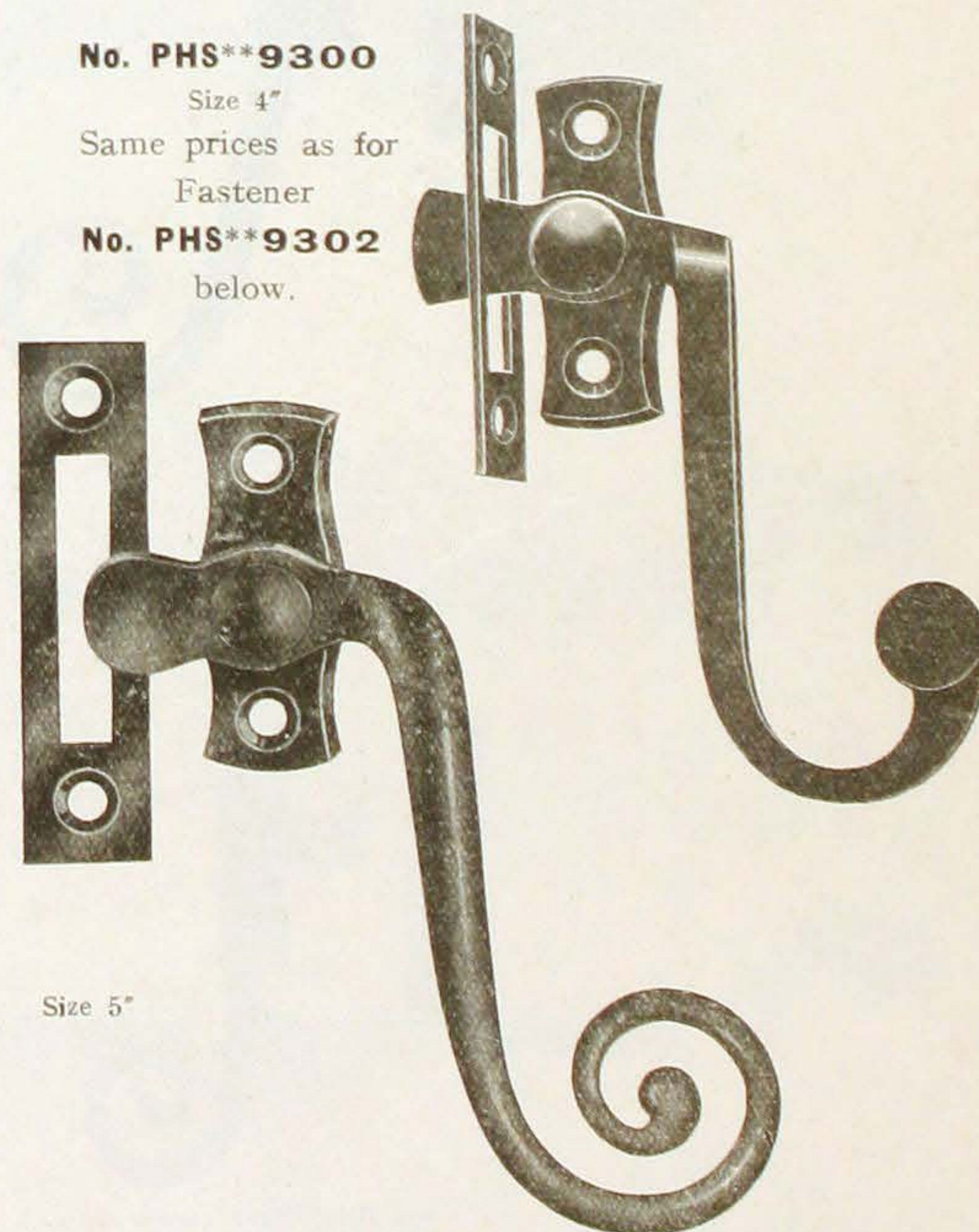
No. PHS**9300

Size 4"

Same prices as for Fastener

No. PHS**9302

below.



Size 5"

No. PHS**9302

No. PHS**9301

Plate.	Berlin Black.		Sheradized Berlin Black.		ParWinAc Finish.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
Slot	11/6	1/1	14/-	1/3	13/-	1/2	14/3	1/4	28/6	2/6	32/-	2/9	35/-	3/2
Hook	13/3	1/3	15/9	1/6	15/9	1/4	16/-	1/5	31/6	2/9	35/6	3/3	38/6	3/4
Mullion	14/6	1/4	17/3	1/8	16/-	1/6	17/3	1/6	35/-	3/2	39/-	3/5	42/-	3/8

"B" Basis.

Extra for Chromium Plating Stainless for any of the above,
5/- each nett.

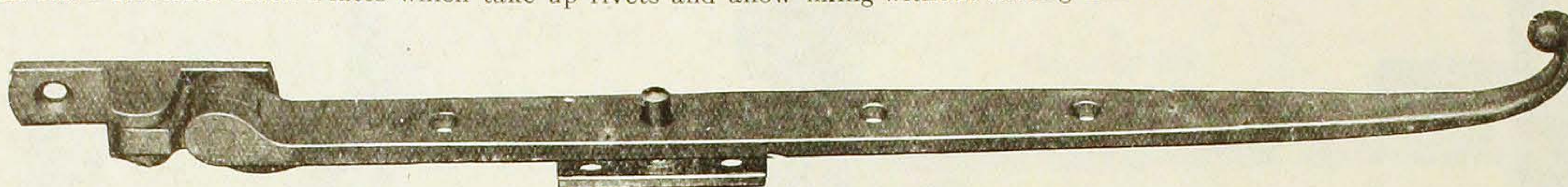
PHS - Stocked only in B.B., Brass and B.M.A.

Casement Stays and Fasteners

Most patterns have Recessed Back Plates which take up rivets and allow fixing without cutting into woodwork.

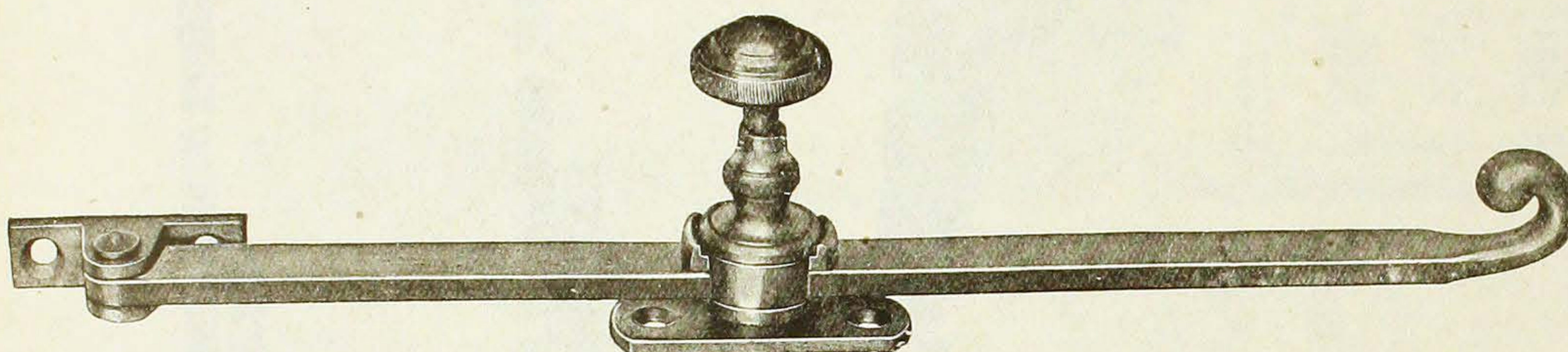
*Stocked only in B.B., Brass and B.M.A.

**Stocked only in Brass and B.M.A.



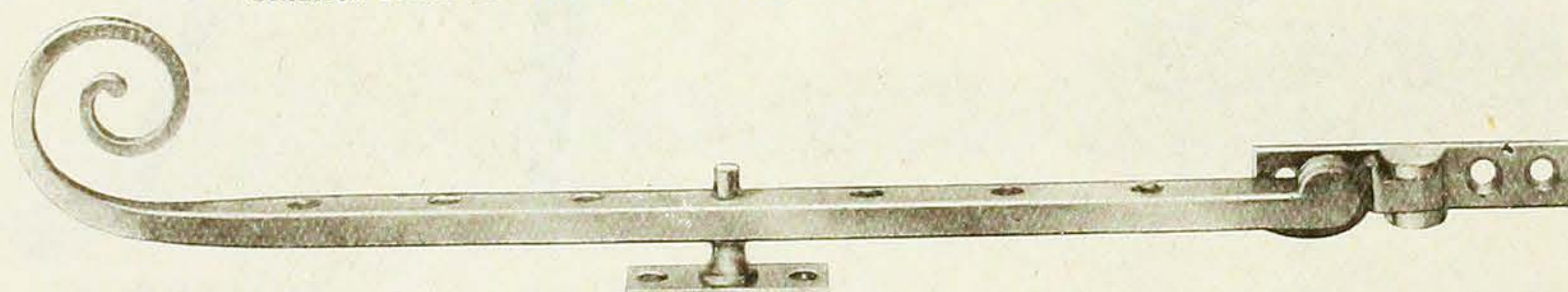
No. PHS**5794

	8"		10"		12"	
	doz.	each.	doz.	each.	doz.	each.
Polished Brass	36/-	3/3	39/6	3/6	43/-	3/9
C. B. & R. on Brass	40/3	3/7	44/9	3/11	50/-	4/4
Bronze Metal Antique	45/6	4/-	50/-	4/4	54/3	4/8
Oxidized Silver on White Metal	57/9	5/-	68/3	5/10	75/3	6/6



No. PHS**5799

	10"		12"		14"	
	dozen.	each.	dozen.	each.	dozen.	each.
Polished Brass	71/9	6/2	76/2	6/6	80/6	6/10
C. B. & R. on Brass	78/9	6/8	84/-	7/2	91/-	7/9
Bronze Metal Antique	87/6	7/6	94/6	8/-	101/6	8/8
Oxidized Silver on White Metal	105/-	8/10	115/6	9/9	126/-	10/8



No. PHS**5786

Size.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Ox. Silver on Brass.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	12/3	1/2	15/9	1/5	15/-	1/5	29/9	2/8	35/-	3/2	40/3	3/6	43/9	3/9
12"	13/7	1/3	17/-	1/7	17/-	1/7	33/3	3/-	38/6	3/4	43/9	3/9	47/3	4/2

PARWINAC FINISH.

A rust resisting finish not unlike japanning.

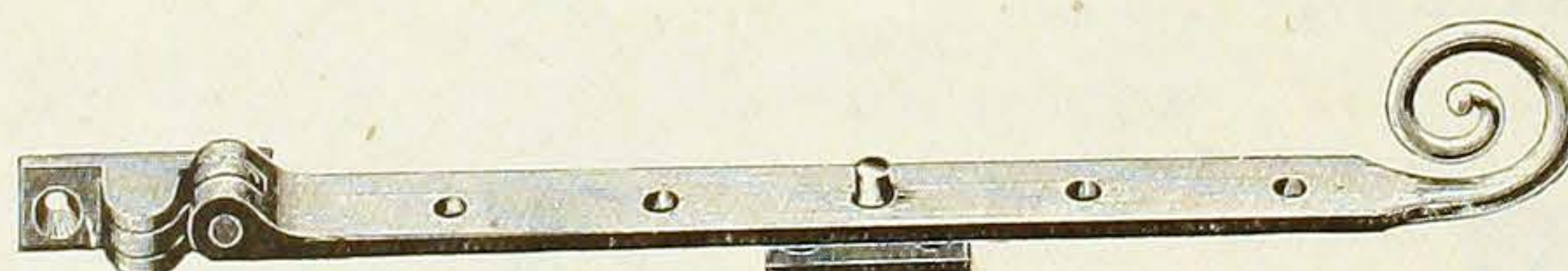
PARWINAC R.R.

A rust resisting finish of a Matt Berlin Black colour.



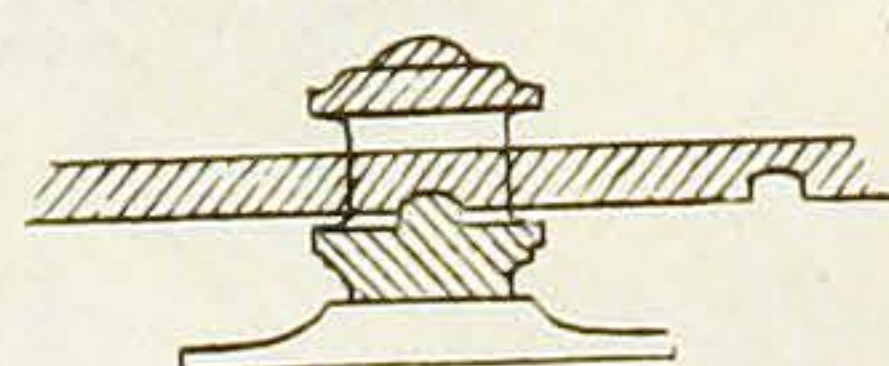
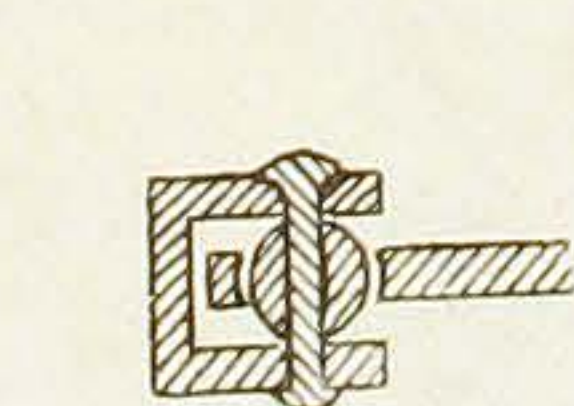
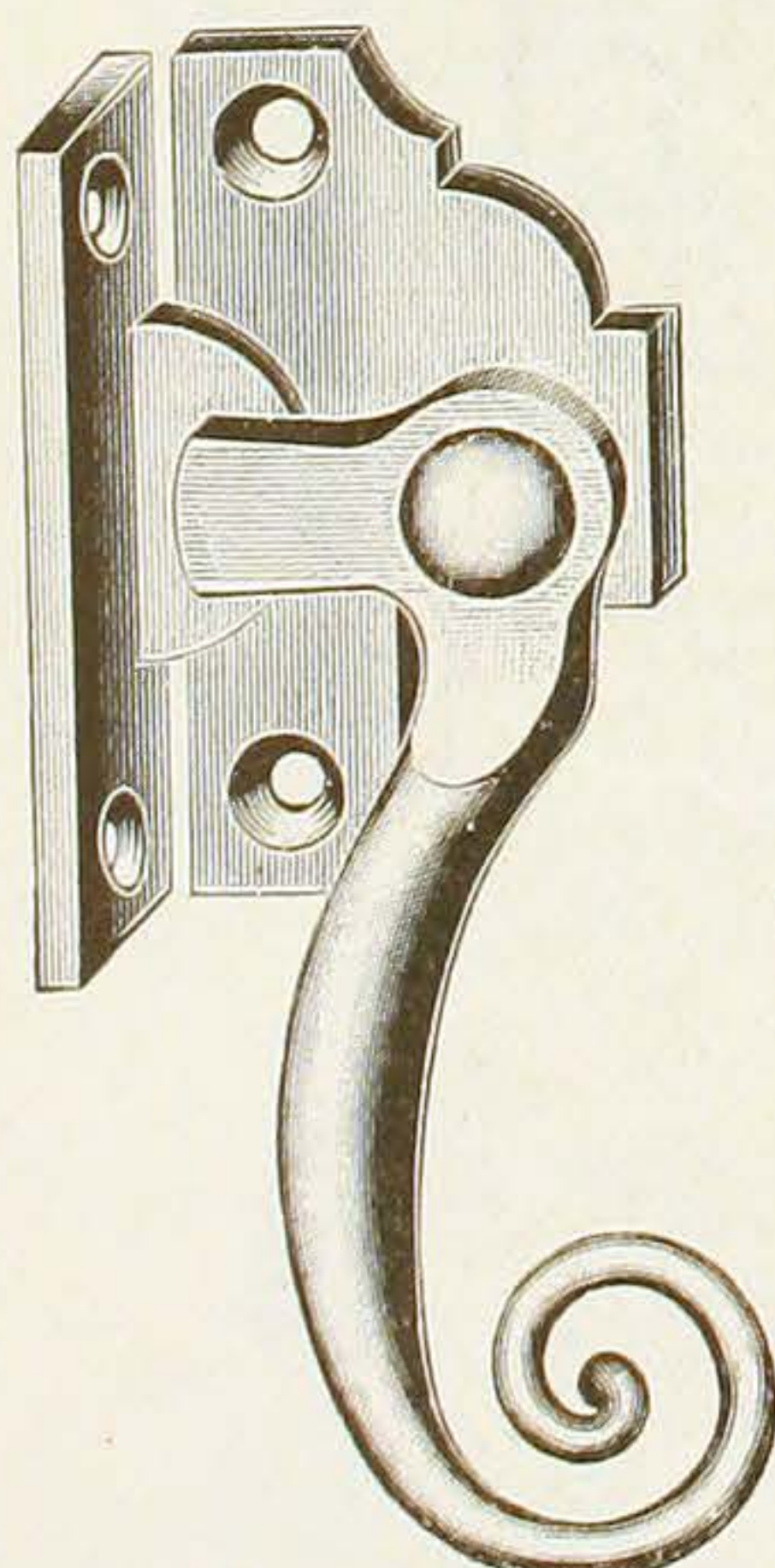
No. PHS**1990

	Mortice Plate.		Hook Plate.	
	doz.	each.	doz.	each.
Polished Brass	43/-	3/9	50/-	4/4
C. B. & R. on Brass	48/3	4/3	56/-	4/10
Bronze Metal Antique	52/6	4/6	61/3	5/3
Oxidized Silver on White Metal	73/6	6/3	82/3	7/-



No. PHS**1934

Size.	Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on White Metal.	
	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
10"	52/6	4/6	60/6	5/2	68/3	5/10	94/6	8/-
12"	56/-	4/10	64/-	5/6	73/6	6/3	99/9	8/6



No. PHQ 5829

Size 12"	Brass.	C. B. & R. on Brass.	Bronze Metal Antique.
	63/- 5/6	71/9 6/2	78/9 dozen. 6/9 each.

No. PHS**1989 Size 5"

	Slot.		Hook.		Mullion.	
	doz.	each.	doz.	each.	doz.	each.
Polished Brass	33/4	3/-	36/9	3/3	36/9	3/3
Bronze Metal Antique	44/4	3/10	48/7	4/2	48/7	4/2
C. B. & R. on Brass	37/-	3/3	40/3	3/6	40/3	3/6
Oxidized Silver on White Metal	51/4	4/4	55/8	4/9	55/8	4/9

Extra for Chromium Plating Stainless for any of the above, 5/- each nett.

No. PHS**1967

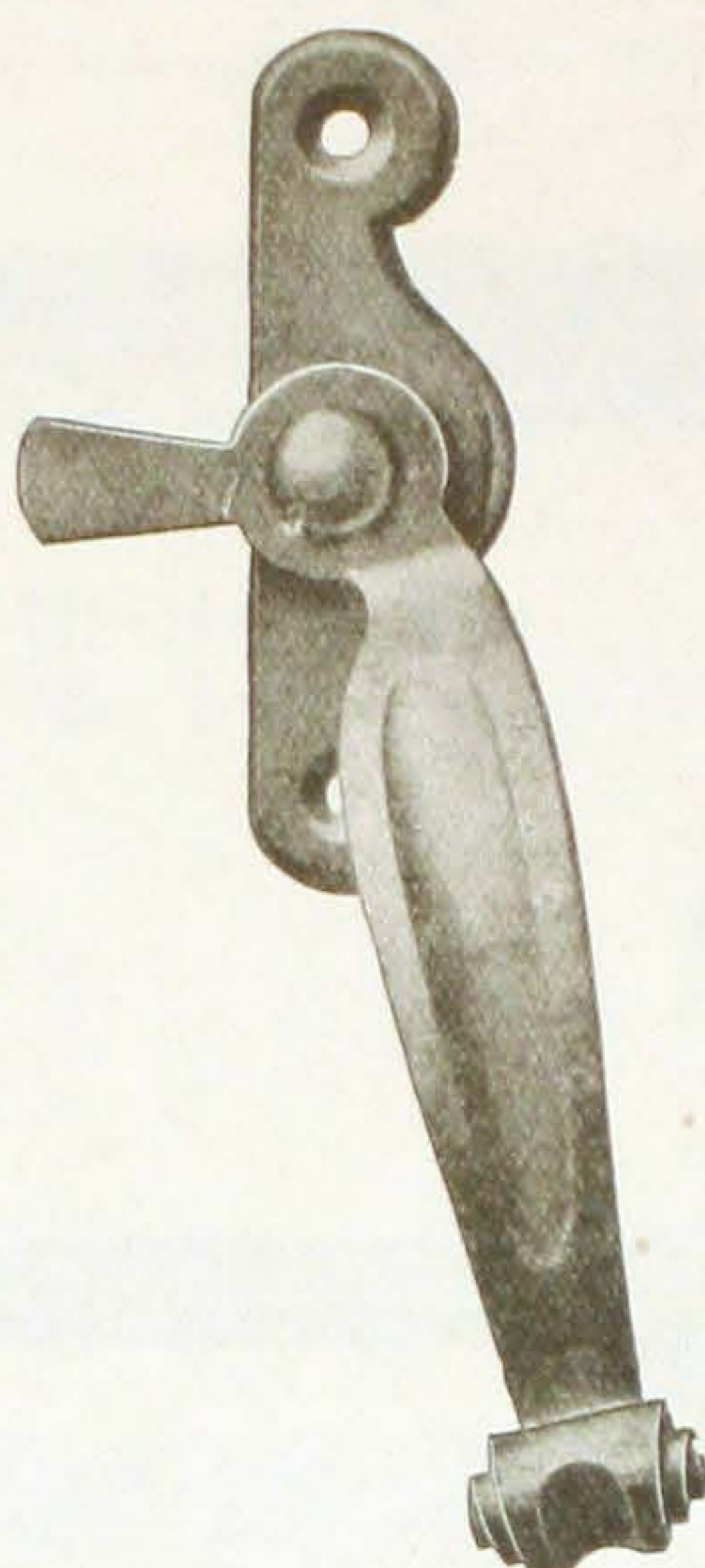
Handle 3 3/4" long.	Plate 3 3/4" long.		Mortice Plate.		Hook Plate.	
	doz.	each.	doz.	each.	doz.	each.
Polished Brass	18/-	1/8	22/9	2/-	22/9	2/-
C. B. & R. on Brass	20/3	1/10	25/6	2/3	25/6	2/3
Bronze Metal Antique on Brass	21/-	1/11	26/3	2/4	26/3	2/4
Oxidized Silver on Brass	27/3	2/5	35/-	3/1	35/-	3/1
Oxidized Silver on White Metal	32/6	2/10	42/-	3/8	42/-	3/8

Best Casement Fasteners

*Stocked only in
Brass and B.M.A.

No. PHQ 5817 Size 5"

	Mortice Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.
Polished Brass ..	54/3	4/8	59/6	5/2
C. B. & R. on Brass ..	59/6	5/2	65/9	5/8
Bronze Metal Antique ..	65/9	5/8	71/-	6/2
Oxidized Silver on White Metal ..	84/-	7/3	92/-	7/10



No. PHQ 9307 Size 7" x 2 1/4"

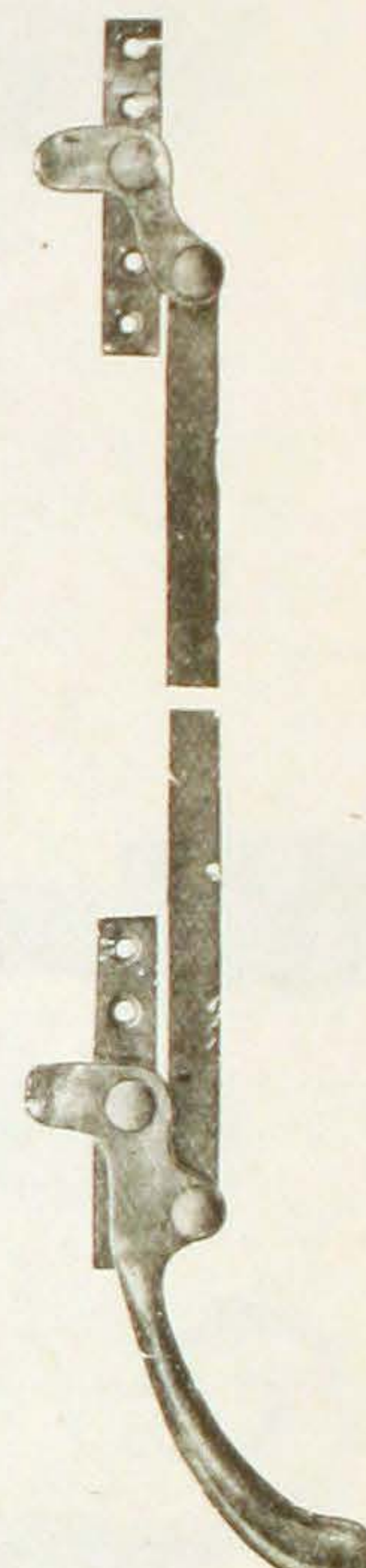
	With Mortice Plate.		With Hook Plate.	
	dozen.	each.	dozen.	each.
No. PHQ 9307 Polished Brass ..	59/6	5/2	65/9	5/8
C. B. & R. on Brass ..	65/9	5/8	72/9	6/3
Bronze Metal Antique ..	73/6	6/4	80/6	7/-
Oxidized Silver on White Metal ..	94/6	8/1	101/6	8/8

No. PHQ 5820 Registered.		
Brass, Dead Gold and Polished ..	12/6 each.	13/6 each.
Antique Coppered on Brass ..	14/6 ..	15/6 ..
Bronze Metal ..	15/4 ..	16/3 ..

Extra for Chromium Plating Stainless
for any pattern on this page except
Nos. PHQ 5818 and 5819, 5/- each nett.



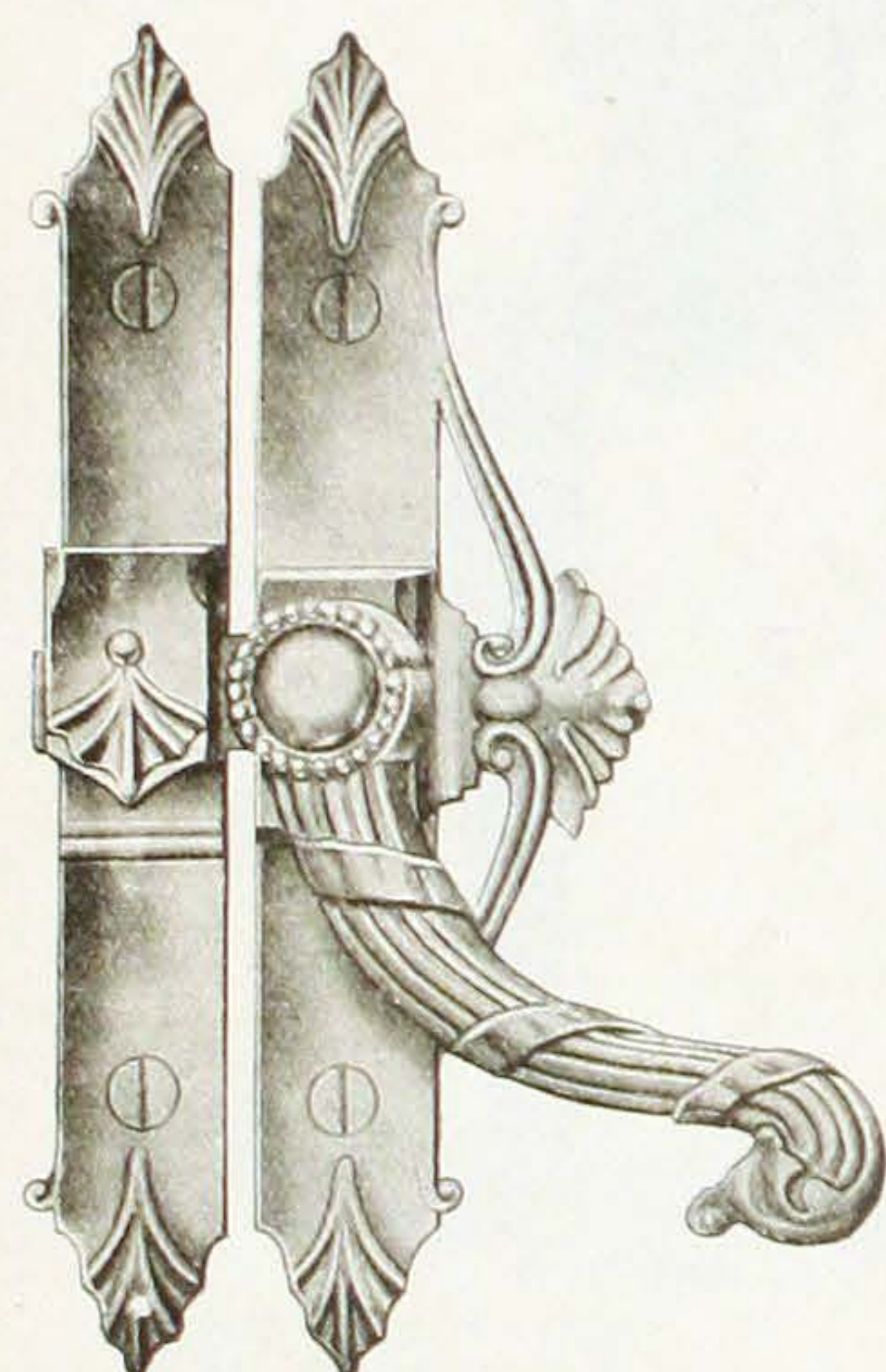
No. PHQ 5819 2' 0"



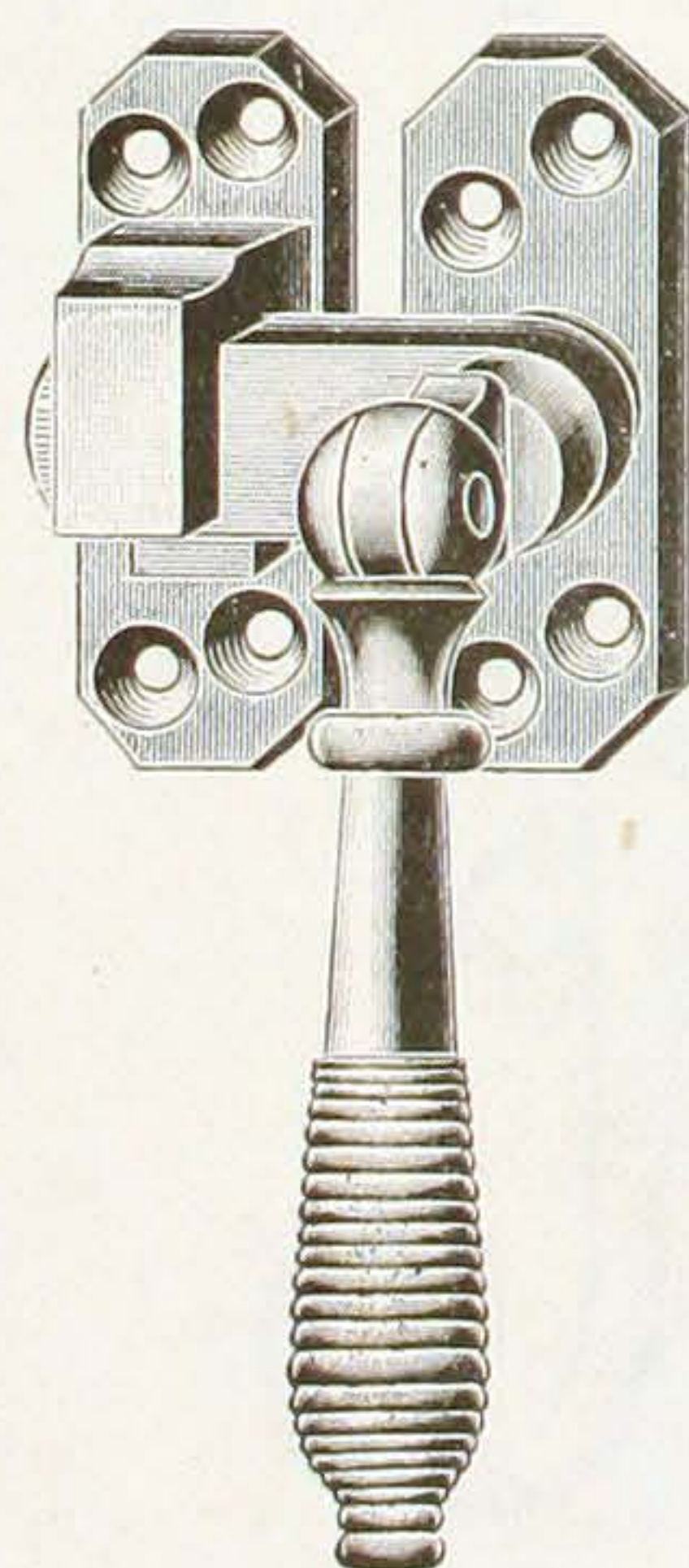
No. PHQ 5818 2' 4 1/2"

These are "double grip" Fasteners for tall Windows.
Rod 1/2" x 1/4"
Scale—One-fourth.
Both same Price.

Polished Brass ..	17/6 each.
C. B. & R. on Brass ..	20/3 ..
Bronze Metal Antique ..	22/- ..
Oxidized Silver on White Metal ..	29/- ..

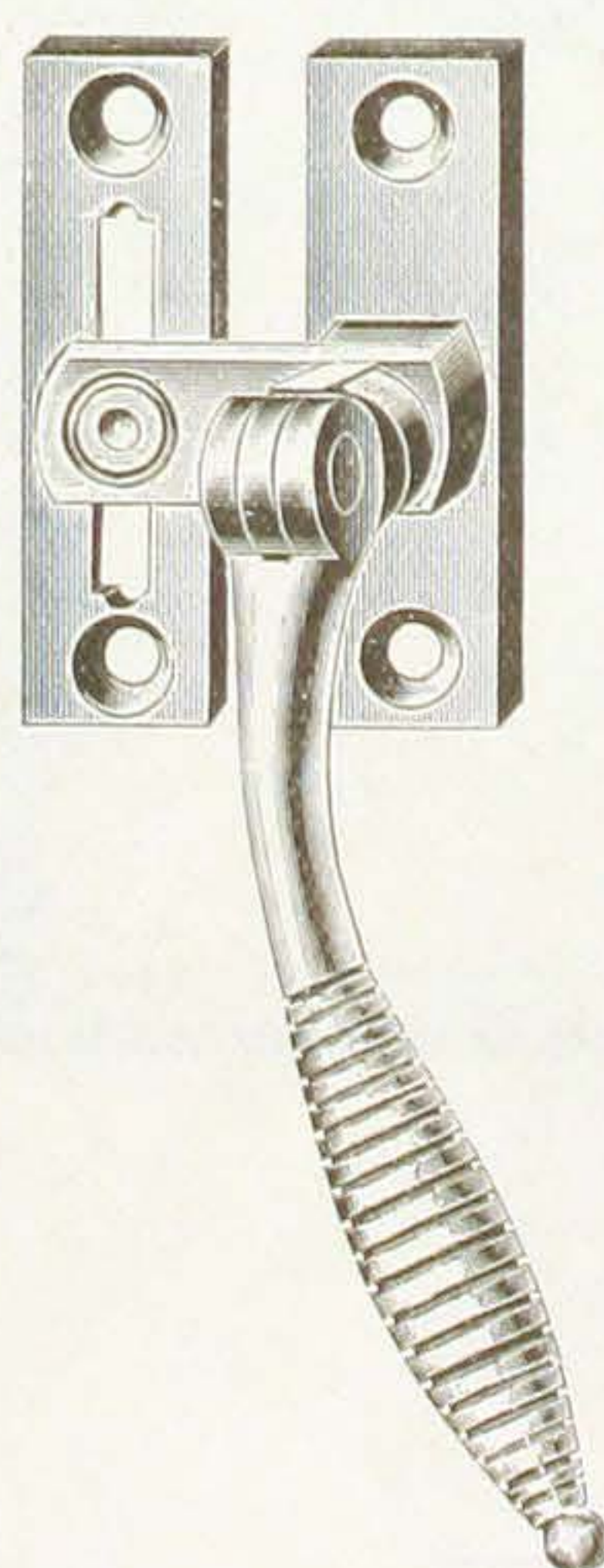


No. PHQ 5830



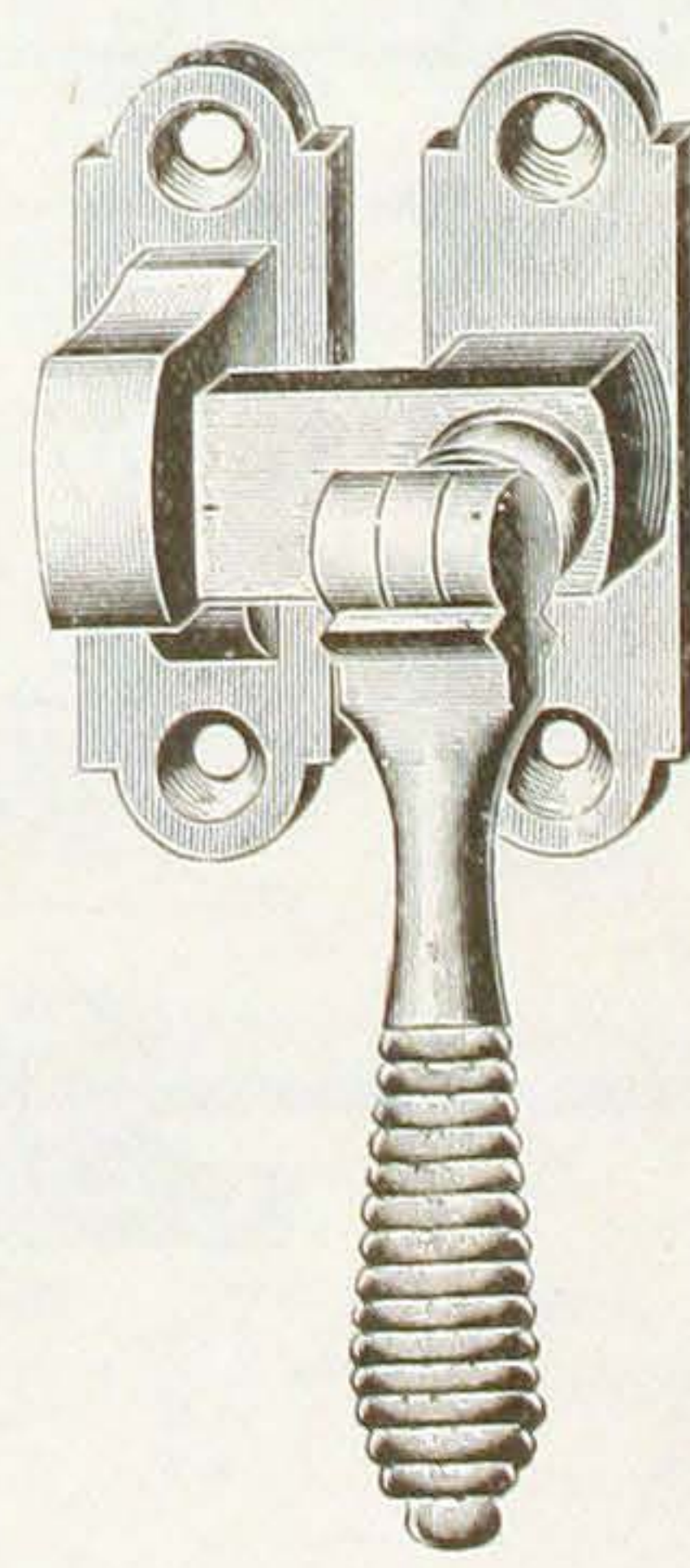
No. PHS*1970 Size 5"

	Slot Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.
Brass ..	39/3	3/6	44/4	3/10
C. B. & R. on Brass ..	42/9	3/8	47/10	4/3
Bronze Metal Antique ..	53/-	4/7	59/3	5/2
Oxidized Silver on White Metal ..	60/-	5/2	66/3	5/9



No. PHS*1969

	Slot Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.
Polished Brass ..	31/2	2/9	35/-	3/1
C. B. & R. on Brass ..	34/8	3/-	38/6	3/4
Bronze Metal Antique ..	41/8	3/7	47/-	4/1
Oxidized Silver on White Metal ..	49/6	4/4	54/9	4/8



No. PHS*1973 Size 5 1/2"

	Slot Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.
Brass ..	42/-	3/8	46/2	4/-
C. B. & R. on Brass ..	45/6	4/-	49/8	4/3
Bronze Metal Antique ..	56/-	4/10	61/6	5/3
Oxidized Silver on White Metal ..	63/-	5/6	68/6	5/10



No. PHS*1964

	Plate 2 1/4" x 3/4" Arm, 4"		Mortice Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.	dozen.	each.
Polished Brass ..	19/3	1/10	21/8	1/11		
C. B. & R. on Brass ..	22/-	2/-	24/6	2/2		
Bronze Metal Antique ..	27/3	2/5	29/9	2/8		
Oxidized Silver on White Metal ..	35/-	3/1	38/6	3/4		

"B" Basis.

PHS—Stocked only in Brass and B.M.A.; PHQ—Quick Delivery; PHO—To Order only.

*Stocked only in Brass
and B.M.A.

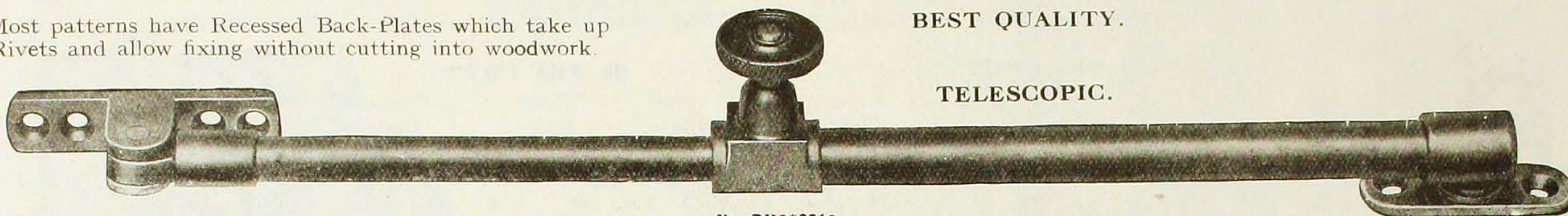
Casement Stays and Fasteners

**Stocked only in B.B.,
B.M.A. and Brass.

Most patterns have Recessed Back-Plates which take up
Rivets and allow fixing without cutting into woodwork.

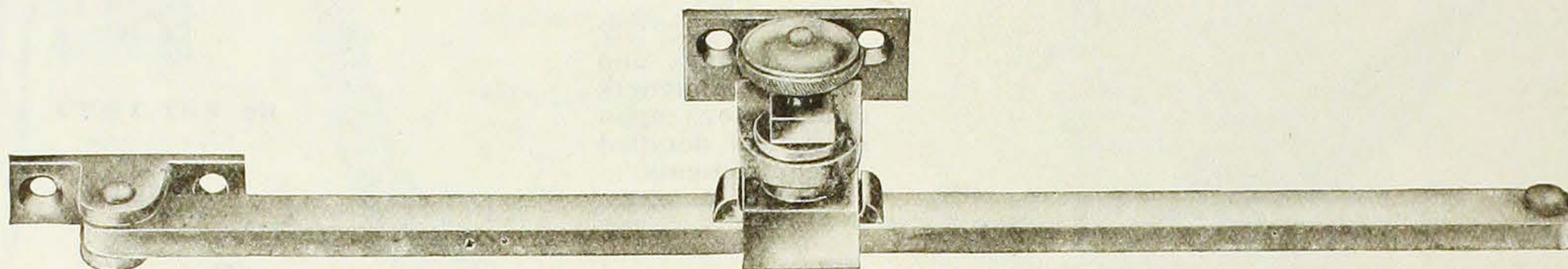
BEST QUALITY.

TELESCOPIC.



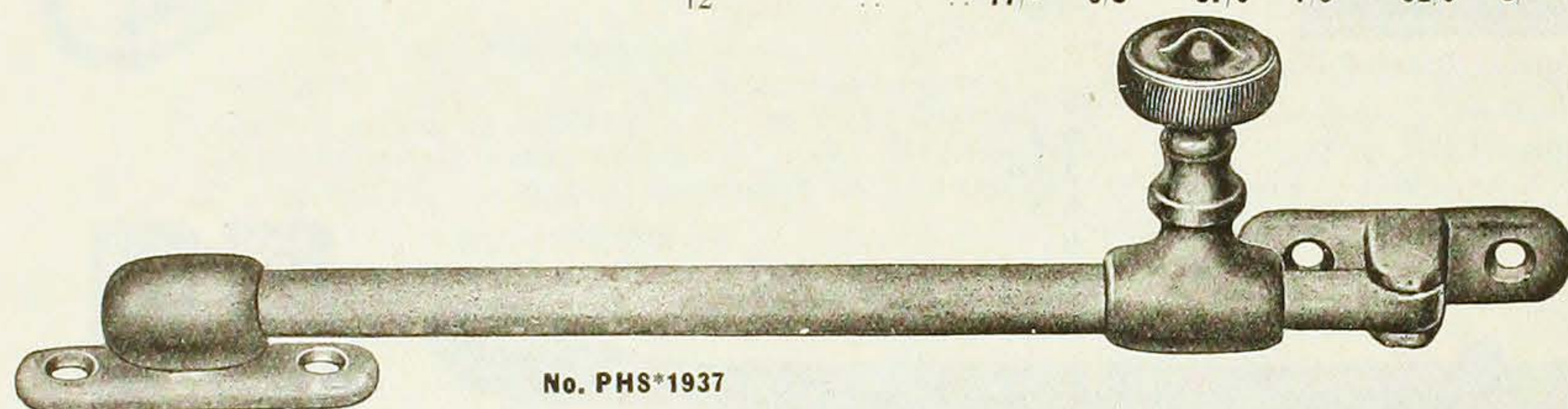
No. PHS*6313

	Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Ox. Silver on White Metal.
12" doz.	52/6	63/-	63/-	77/-
12" each.	4/6	5/4	5/4	6/6
14" doz.	62/3	78/9	78/9	87/6
14" each.	5/4	6/8	6/8	7/6



No. PHS*1935 For Casements opening Inwards.

	Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Ox. Silver on White Metal.
10" doz.	73/6	84/-	88/6	94/6
10" each.	6/3	7/3	7/6	8/-
12" doz.	77/-	87/6	92/9	98/-
12" each.	6/8	7/5	8/-	8/3

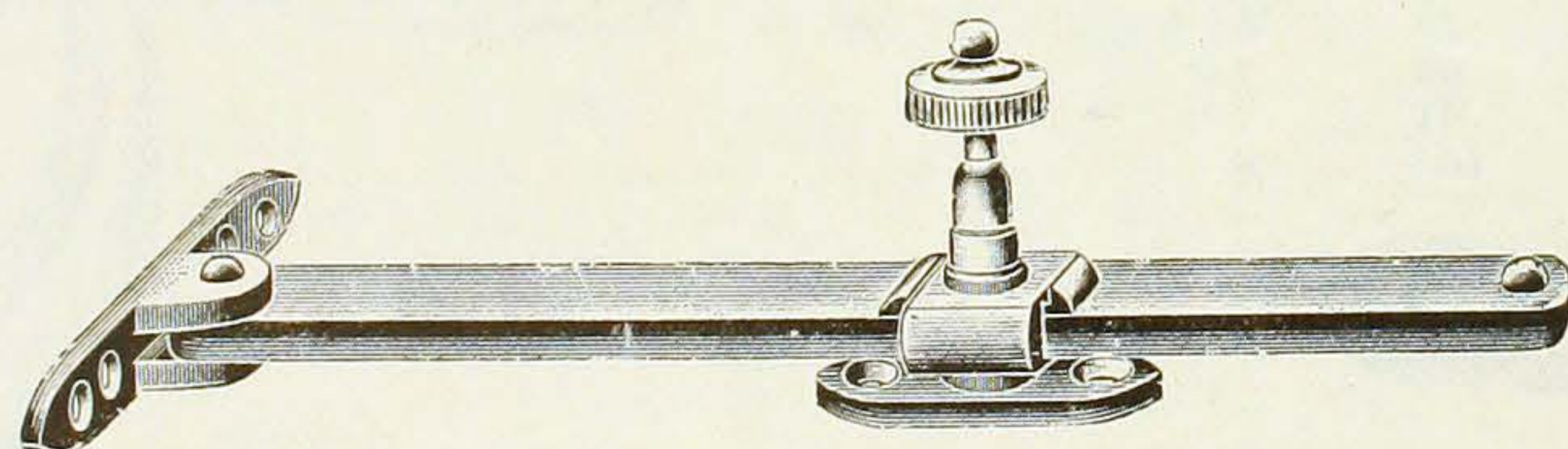


No. PHS*1937

This Telescopic Stay is Oval in shape and is far superior to the ordinary pattern, not only in appearance, but in the increased grip which this shape possesses.

No. PHS*1937

	Polished Brass.	Bronze Metal Antique.
12" doz.	59/6	79/8
12" each.	5/3	6/9
14" doz.	66/6	88/6
14" each.	5/9	7/6

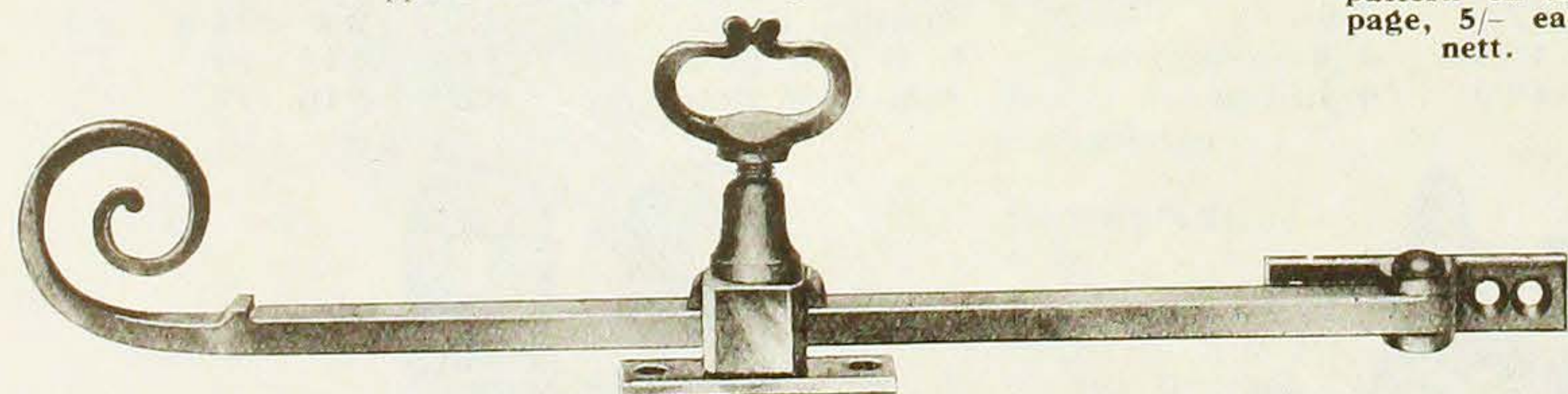


No. PHS*1928

	10" doz.	10" each.	12" doz.	12" each.	14" doz.	14" each.
Polished Brass	56/-	4/10	59/6	5/2	63/-	5/6
C. B. & R. on Brass	63/-	5/6	66/6	5/9	70/-	6/-
Bronze Metal Antique	73/6	6/4	77/-	6/8	80/6	7/-

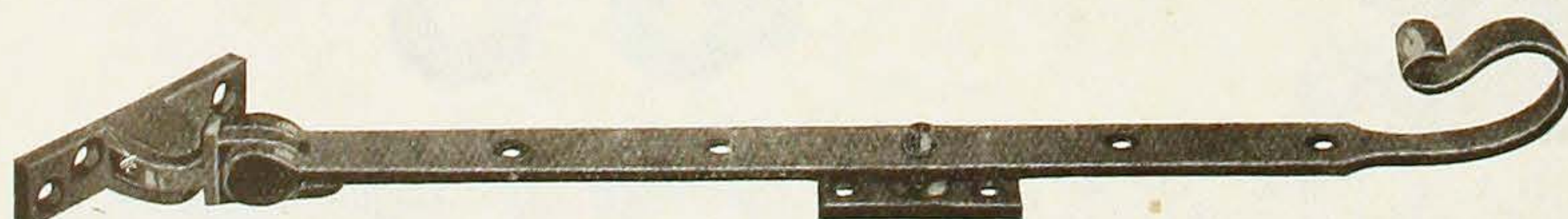
Supplied with either Milled Edge Knob or Thumb Bit.

Extra for Chromium Plating
Stainless for any pattern on this page, 5/- each nett.



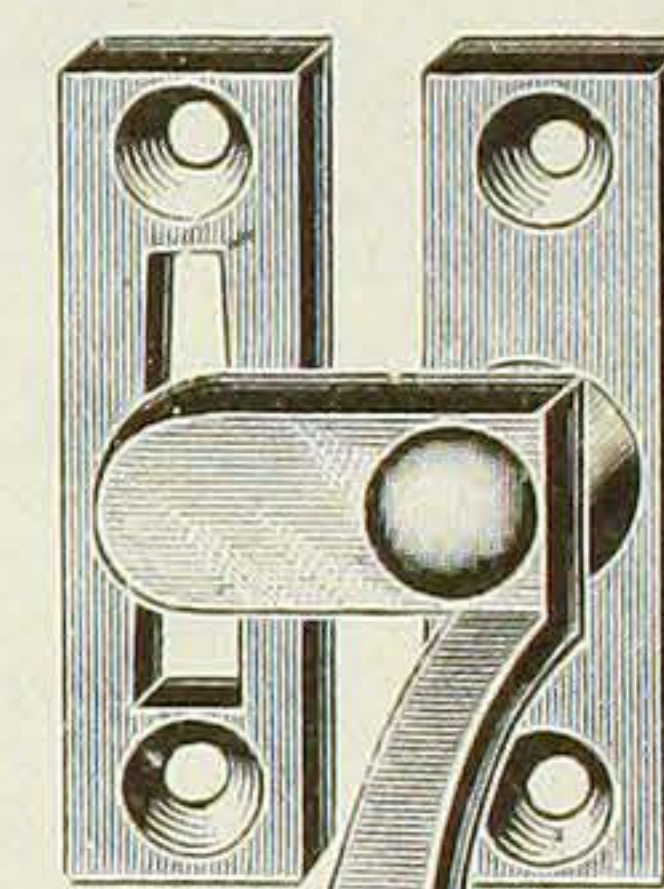
No. PHS**5787

	Berlin Black.	Sheradized B.B.	Parwinac R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Ox. Silver on White Metal.
10" doz.	22/-	25/6	25/6	63/-	70/-	80/6	84/-
10" each.	2/-	2/3	2/3	5/6	6/-	6/10	7/2
12" doz.	23/8	27/2	27/2	66/6	73/6	84/-	87/6
12" each.	2/2	2/6	2/6	5/8	6/3	7/2	7/6



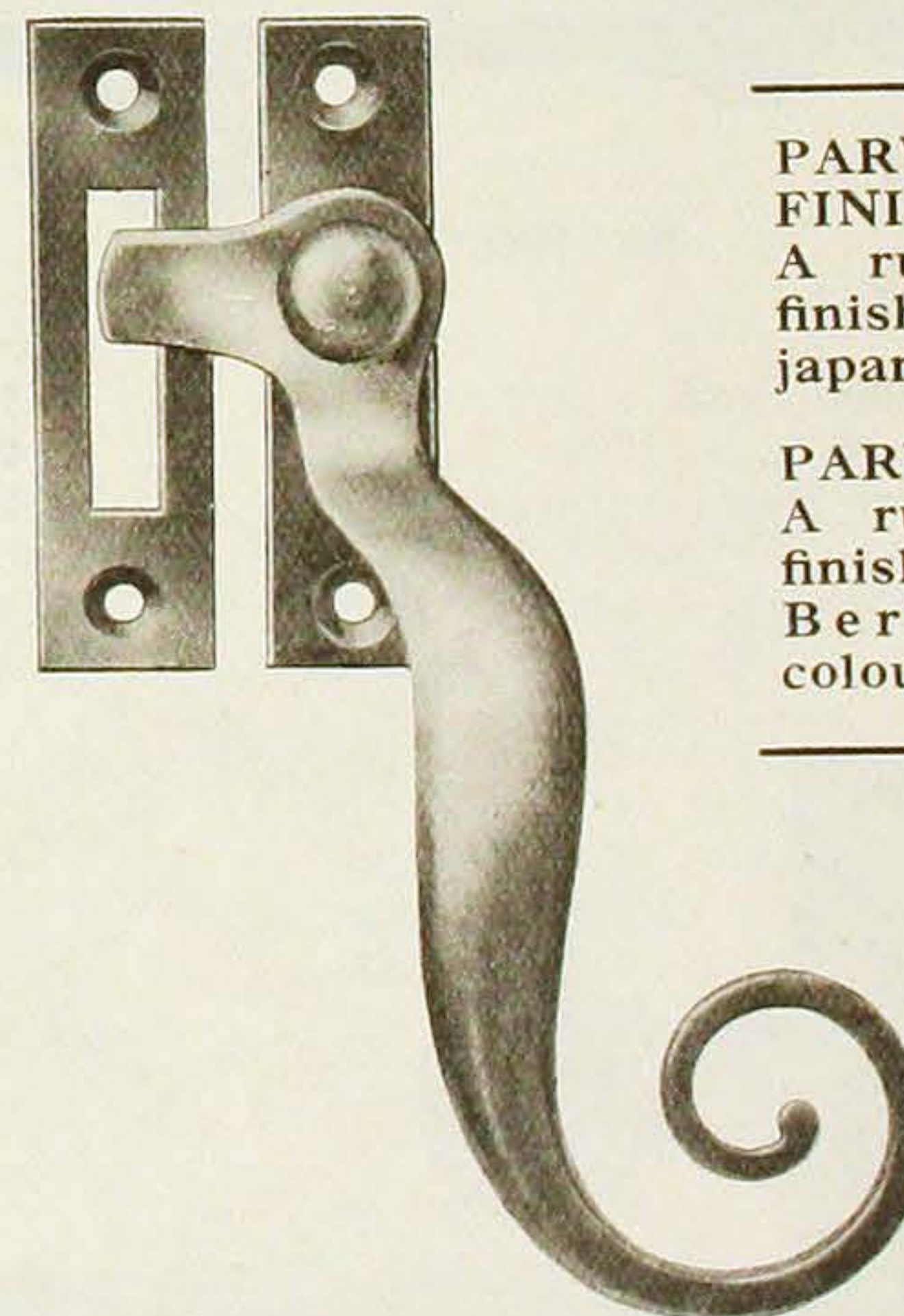
No. PHS**9234

	Berlin Black.	Sheradized B.B.	Parwinac R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Ox. Silver on White Metal.
10" doz.	14/-	17/6	17/6	38/6	43/9	45/6	57/9
10" each.	1/3	1/7	1/7	3/4	3/9	3/10	5/-
12" doz.	15/9	19/3	19/3	42/-	47/3	49/-	61/3
12" each.	1/5	1/9	1/9	3/8	4/2	4/3	5/3



No. PHS*1966 Size 5"

	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on White Metal.
Plate doz.	27/6	30/10	36/9	43/9
Plate each.	2/5	2/8	3/2	3/9
Slot doz.	30/9	34/2	41/-	48/-
Slot each.	2/8	3/-	3/6	4/2



No. PHS**5806 Size 5"

	Mullion Plate.	Hook Plate.	Slot Plate.
10" doz.	13/2	11/10	10/6
10" each.	1/5	1/3	1/2
12" doz.	15/9	14/6	13/2
12" each.	1/5	1/4	1/2
Berlin Black	36/9	35/-	31/6
Sheradized B.B.	40/3	38/6	35/-
Parwinac R.R.	42/-	40/3	36/9
Polished Brass	50/9	49/-	45/6
C. B. & R. on Brass			
Bronze Metal Antique			
Oxidized Silver on Brass			

PARWINAC FINISH.

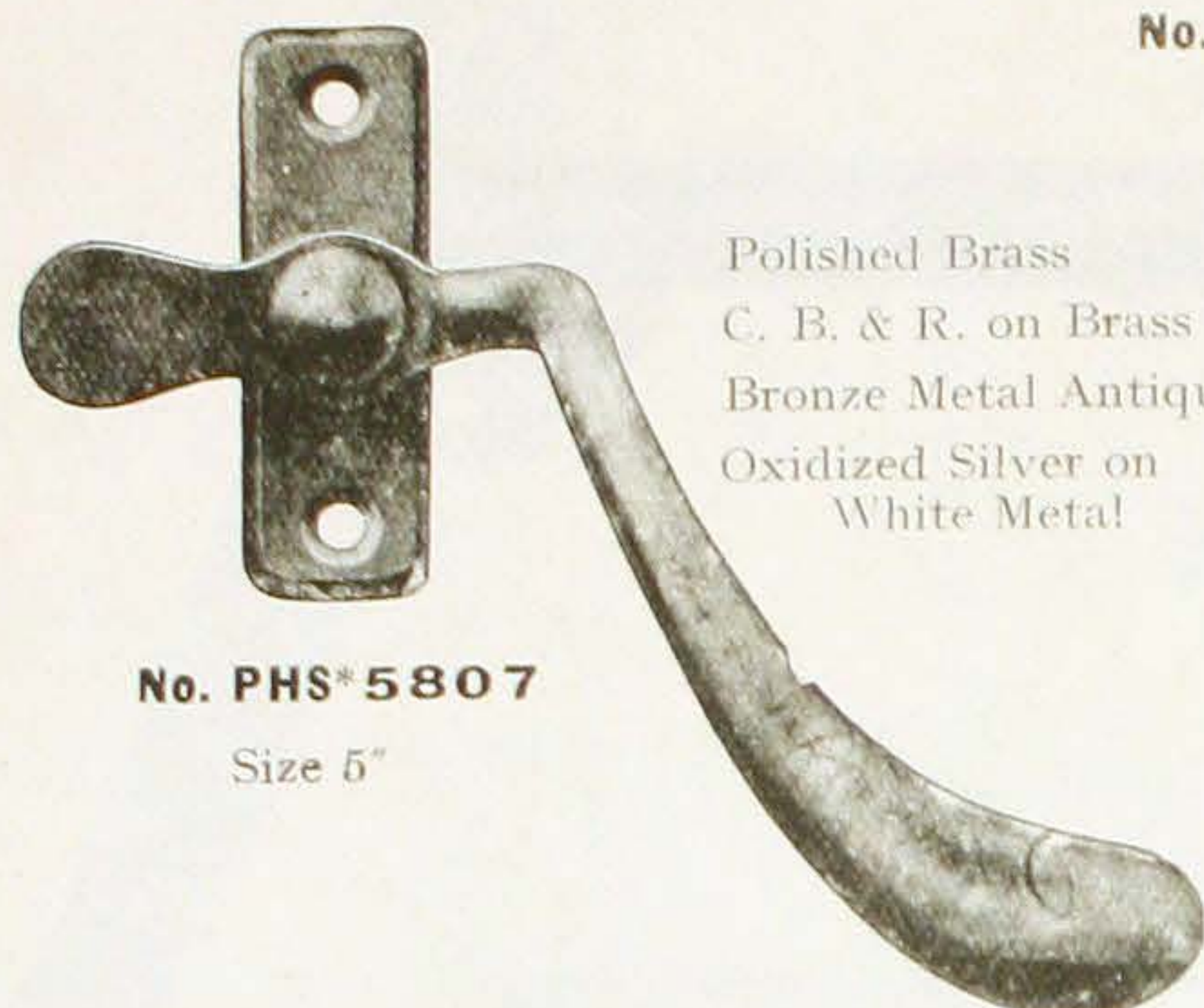
A rust resisting finish not unlike japanning.

PARWINAC R.R.
A rust resisting finish of a Matt Berlin Black colour.

Casement Stays and Fasteners

*Stocked only in
Brass and B.M.A.

Most patterns have Recessed Back Plates which take up rivets and allow fixing without cutting into woodwork.



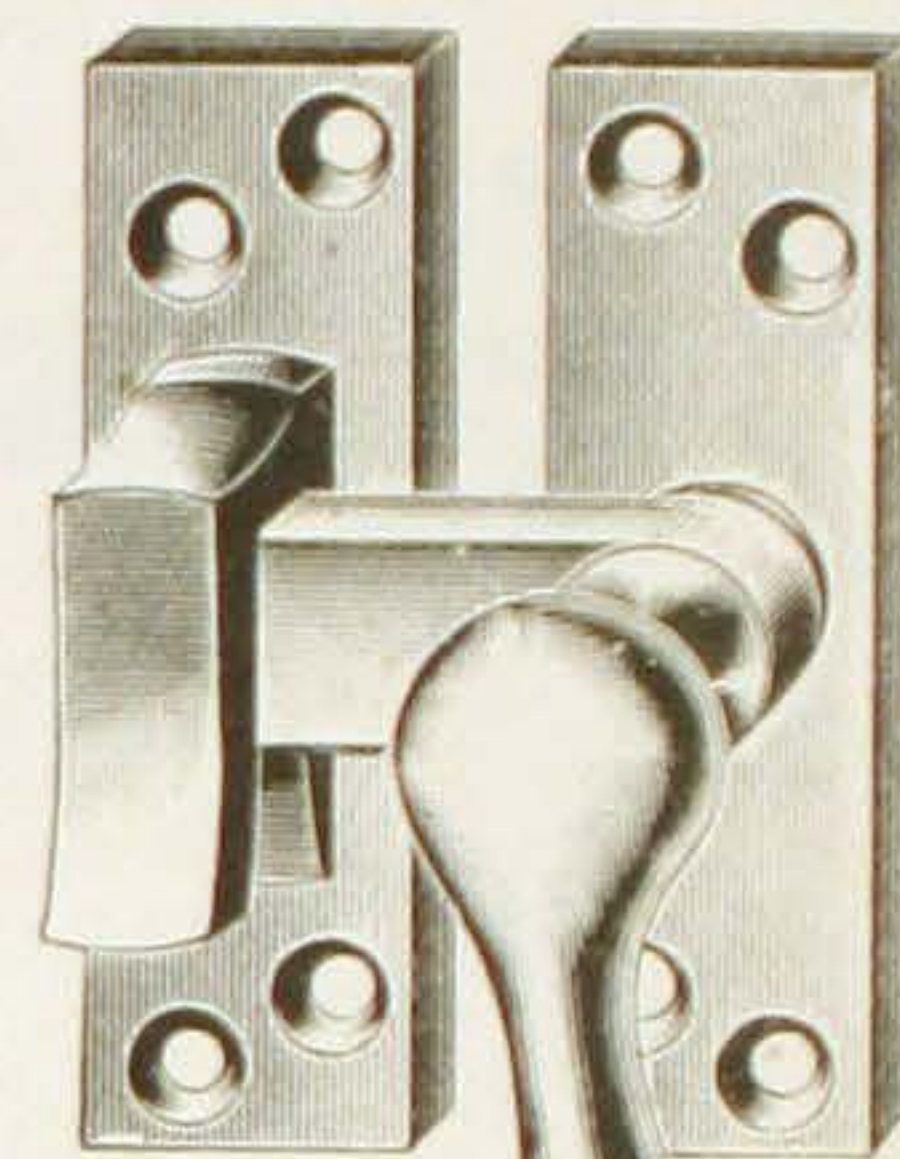
No. PHS*5807
Size 5"

No. PHS*5807

	Mortice Plate.		Hook Plate.	
	dozen.	each.	dozen.	each.
Polished Brass	29/9	2/8	35/-	3/2
C. B. & R. on Brass	35/-	3/2	41/3	3/7
Bronze Metal Antique	38/6	3/4	42/-	3/8
Oxidized Silver on White Metal	56/-	4/10	63/-	5/6

No. PHS*1971

	Slot Plate.		Hook Plate.		Mullion Plate.	
	doz.	each.	doz.	each.	doz.	each.
48/8	4/2	56/4	4/10	56/4	4/10	
52/2	4/6	60/-	5/2	60/-	5/2	
64/9	5/6	75/2	6/6	75/2	6/6	
71/10	6/2	82/2	7/1	82/2	7/1	



No. PHS*1971
Very strong.
Size 5"

Longer Stays and
Larger Fasteners
quoted for upon
receipt of detailed
requirements.



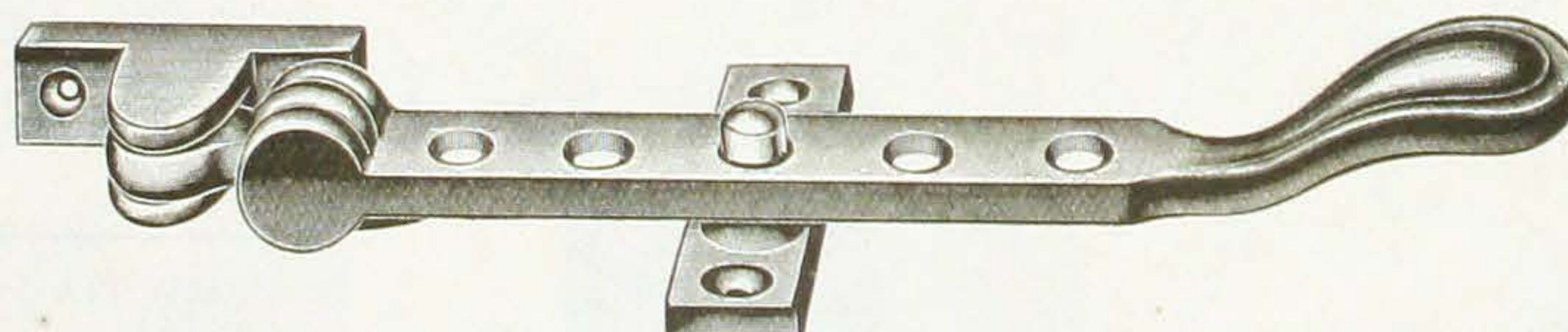
No. PHS*5791 With Two Pins. Reversible. Size 12"

	dozen.	each.
Polished Brass	60/6	5/2
C. B. & R. on Brass	68/3	5/10
Bronze Metal Antique	73/6	6/3
Oxidized Silver on White Metal	94/6	8/-



No. PHS*5792 Size 12" With One Pin.

	dozen.	each.
Brass	70/-	6/-
C. B. & R. on Brass	84/-	7/2
Bronze Metal Antique	91/-	7/9
Oxidized Silver on White Metal	105/-	9/-



No. PHS*1942

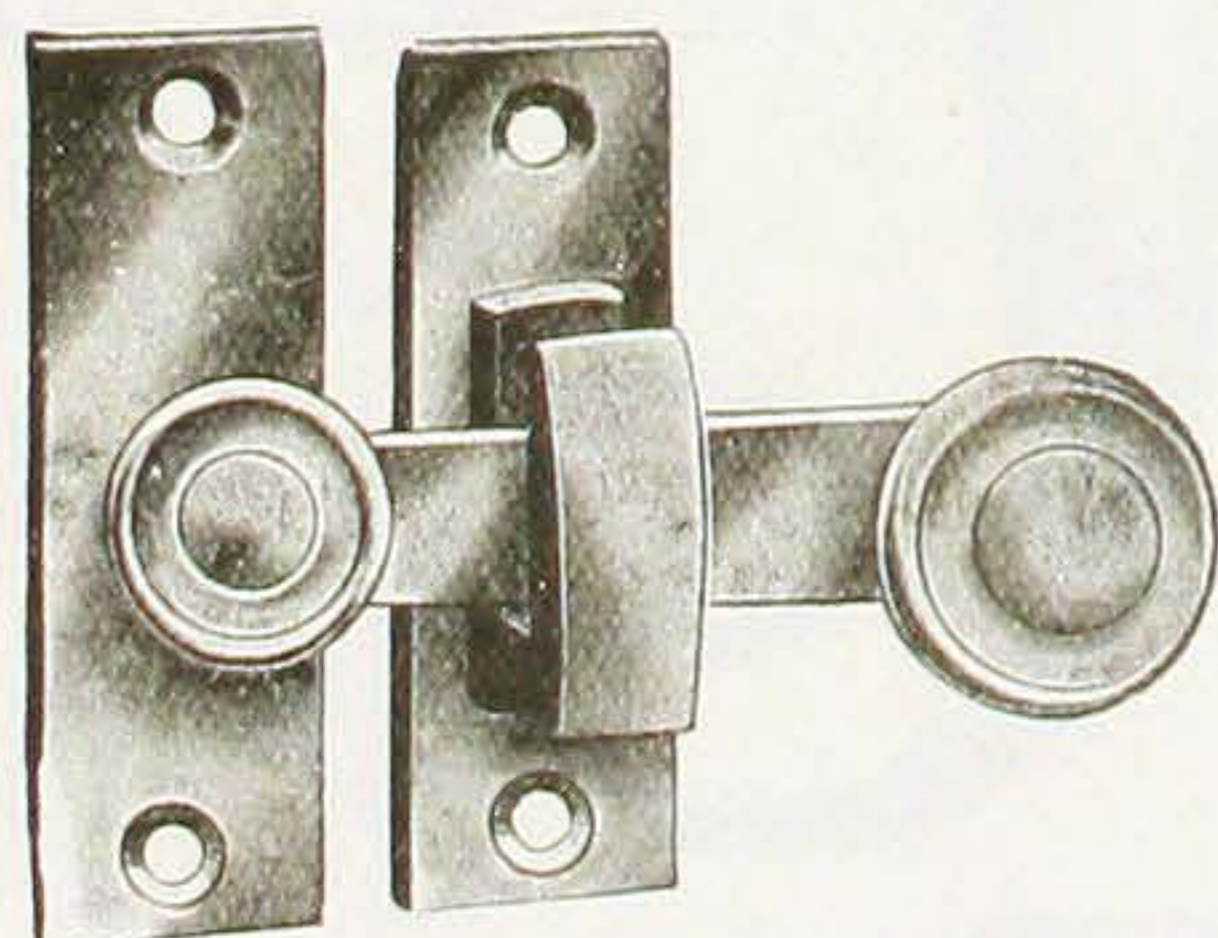
	10"		12"	
	dozen.	each.	dozen.	each.
Polished Brass	37/3	3/3	42/-	3/8
C. B. & R. on Brass	44/9	3/10	49/4	4/3
Bronze Metal Antique on Brass	44/9	3/10	49/4	4/3

No. PHS*1946

Size 4 1/4"

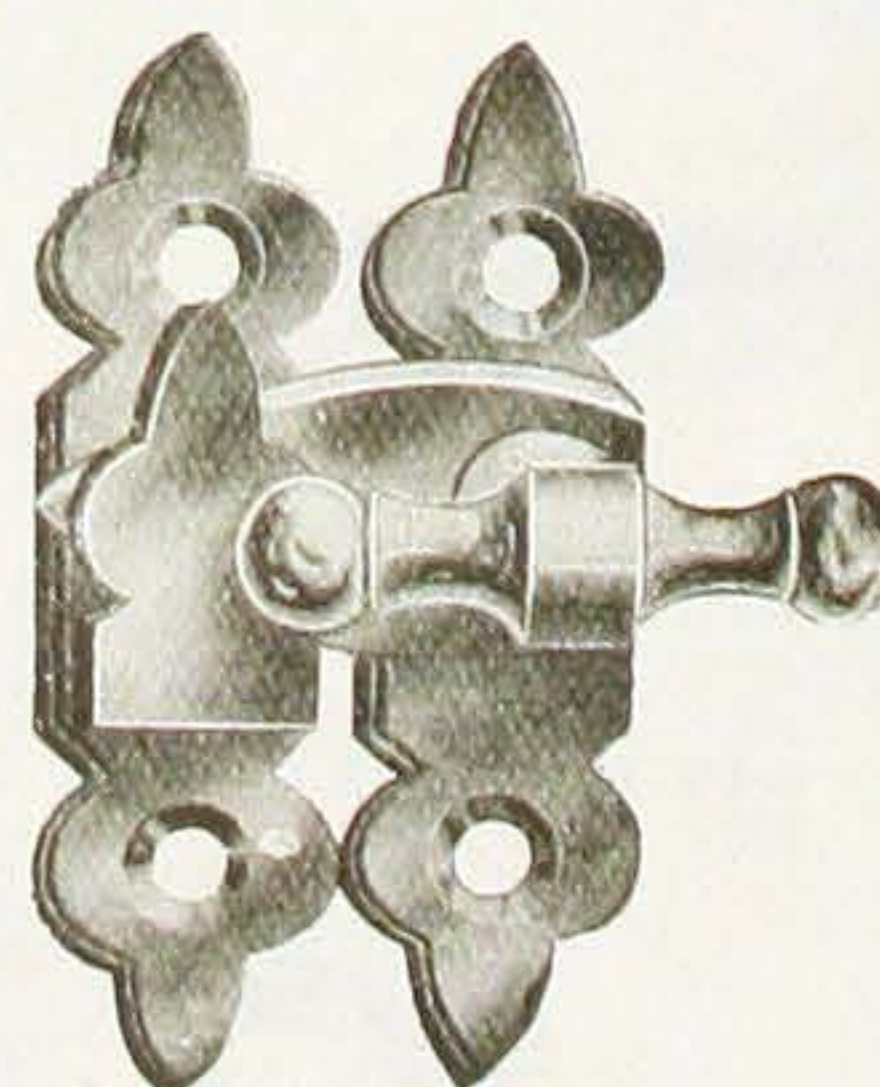
With Hook Plate. With Mortice Plate.

	With Hook Plate.		With Mortice Plate.	
	dozen.	each.	dozen.	each.
Polished Brass	28/-	2/6	24/3	2/2
C. B. & R. on Brass	32/8	2/10	29/-	2/7
B.M.A. on Brass	32/8	2/10	29/-	2/7



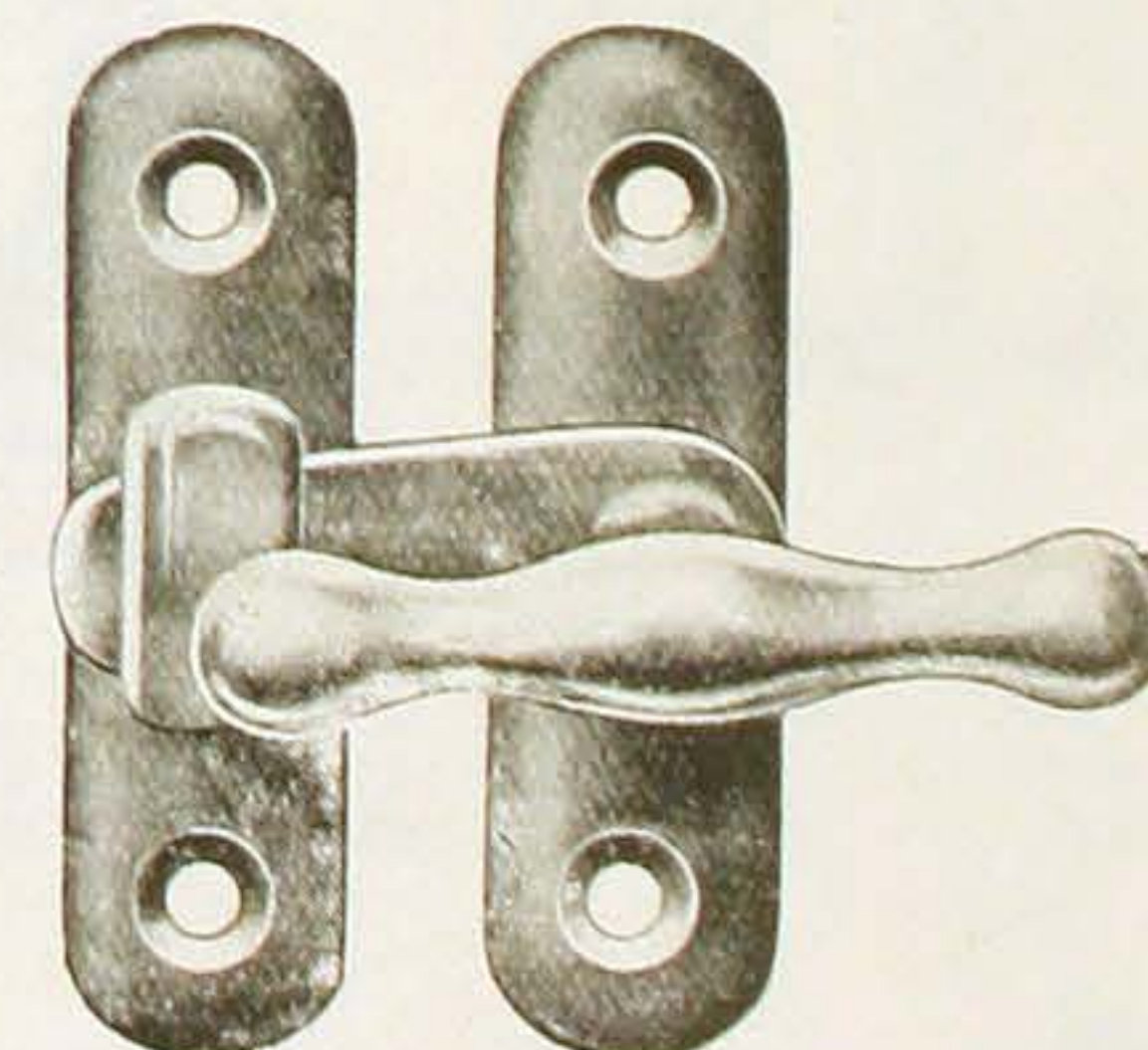
No. PHS*5802 Size 2 3/4" x 1"

	Polished Brass.	C. B. & R. on Brass.	Ox. Sil. on White Metal.	B.M.A.
Size.	dozen.	each.	dozen.	each.
2 3/4"	13/8	1/3	15/7	1/5
3"	21/10	1/11	25/2	2/3



No. PHS*1948

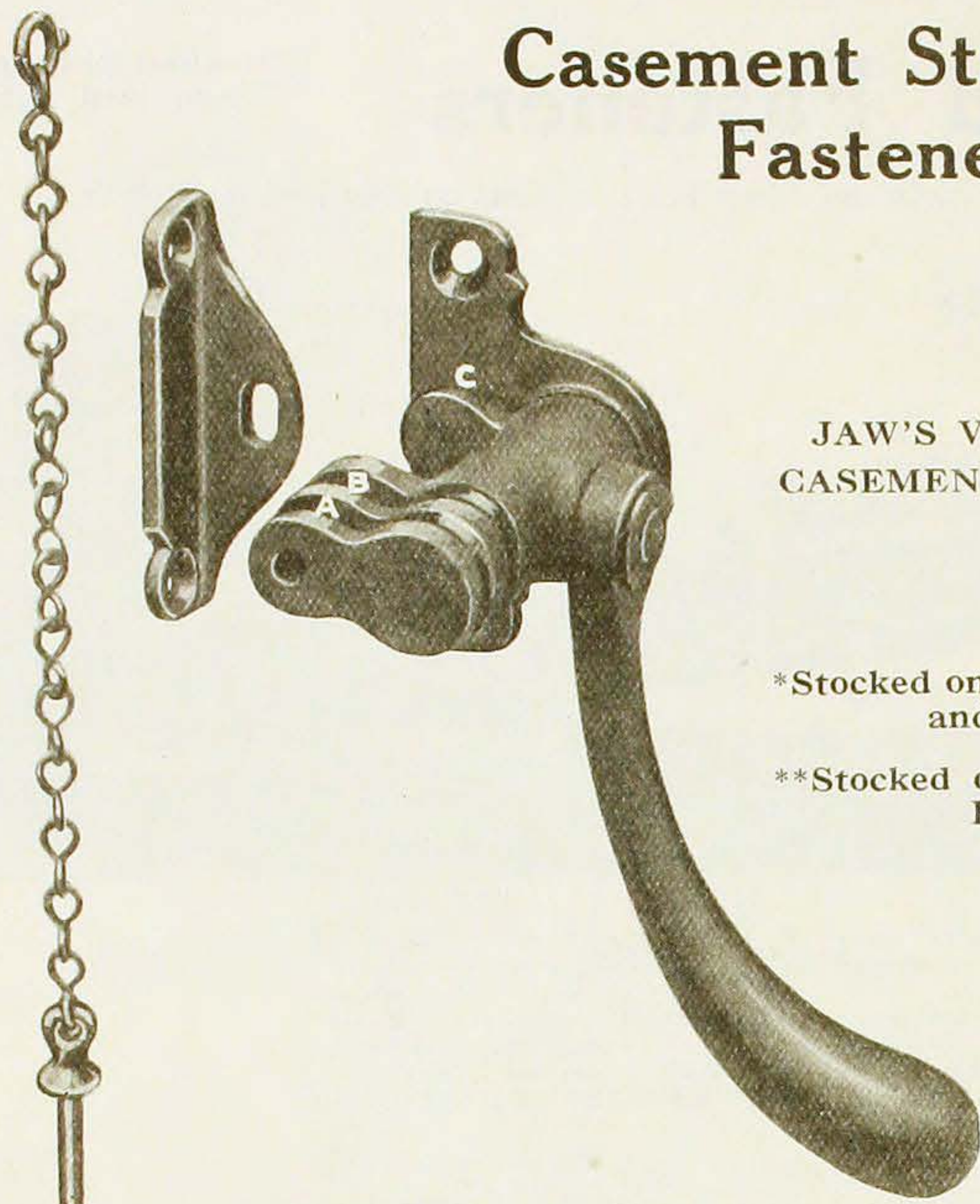
	Polished Brass.	C. B. & R. on Brass.	B.M.A.	Ox. Sil. on White Metal.
Size.	doz.	each.	doz.	each.
2 3/4"	13/8	1/3	15/7	1/5
3"	21/10	1/11	25/2	2/3



No. PHS*1949

Back plates	2 $\frac{3}{4}$ " $\times$ $\frac{3}{4}$ "		Tongue and handle, 2 $\frac{3}{4}$ "	
Polished Brass.	C. B. & R. on Brass.	B.M.A.	Ox. Sil. on White Metal.	
doz. each.	doz. each.	doz. each.	doz. each.	
23/8	2/1	26/3	2/4	27/7 2/5 34/2 3/-

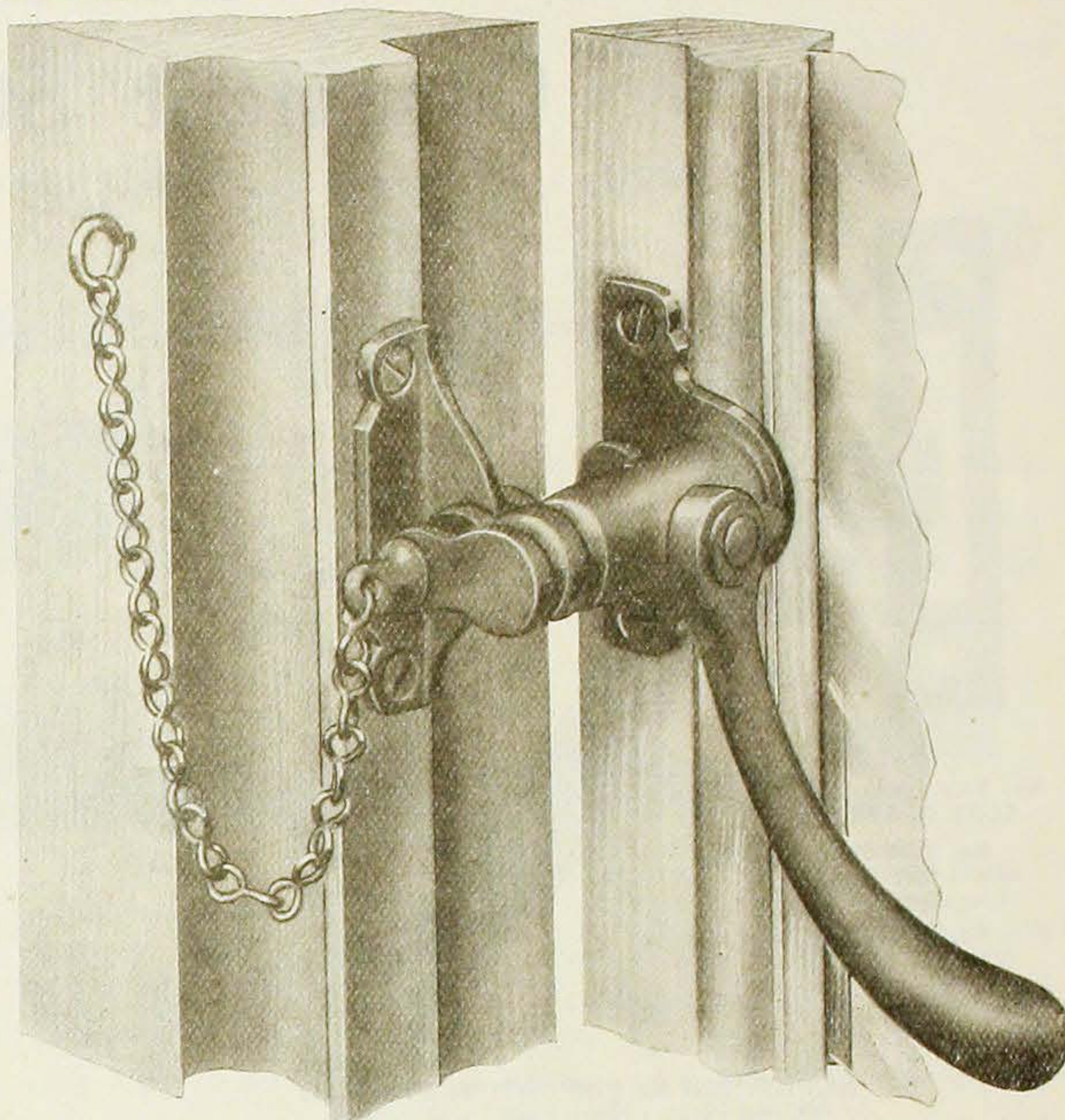
Casement Stays and Fasteners



JAW'S VENTILATING
CASEMENT FASTENERS.

*Stocked only in B.B., Brass
and B.M.A.

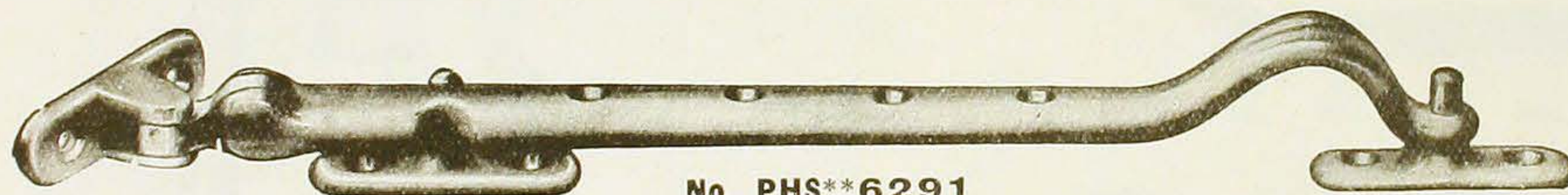
**Stocked only in B.B. and
B.M.A.



No. PHS*9308

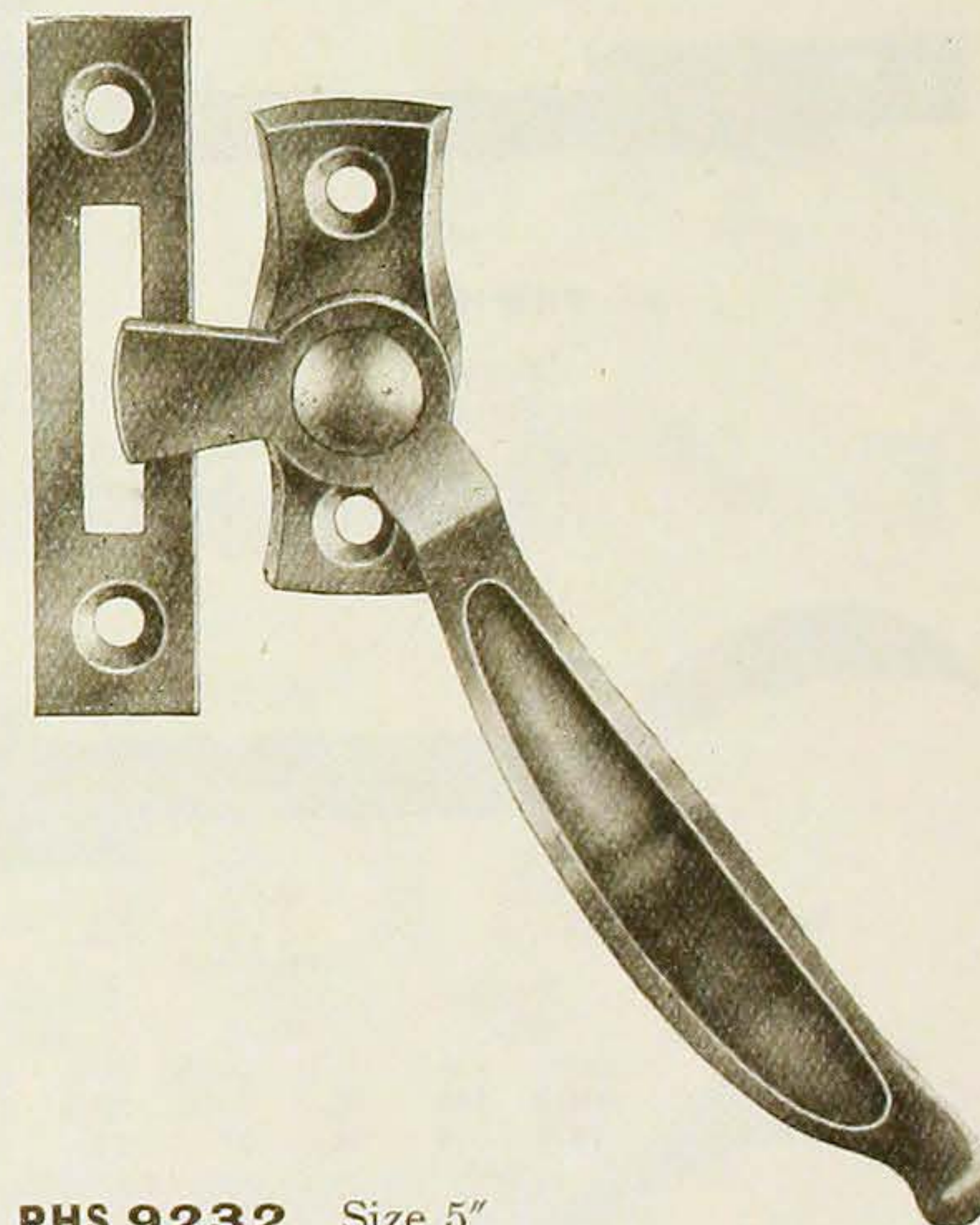
No. PHS*9308 Size 5½"
Ideal for bungalows, ground floor windows, etc. For the purposes of ventilation the Mullion Plate fits into the Casement Sockets A and B giving an opening of 2¼" and 1¾" respectively. Socket C receives the Mullion Plate when in the closed position. The Pin and Chain act as a Safety Catch and make the Fastener Burglar Resisting. It is to be noted that when the Casement is in the Ventilating position, the opening is insufficient for the insertion of the hand. Fastener is Reversible.

No. PHS 9308	Berlin Black.	Sheradized B.B.	Polished Brass.	C.B.&R. on Brass.	B.M.A.
	31/6 2/9	35/- 3/1	63/- 5/5	67/6 5/9	84/- dozen. 7/2 each.



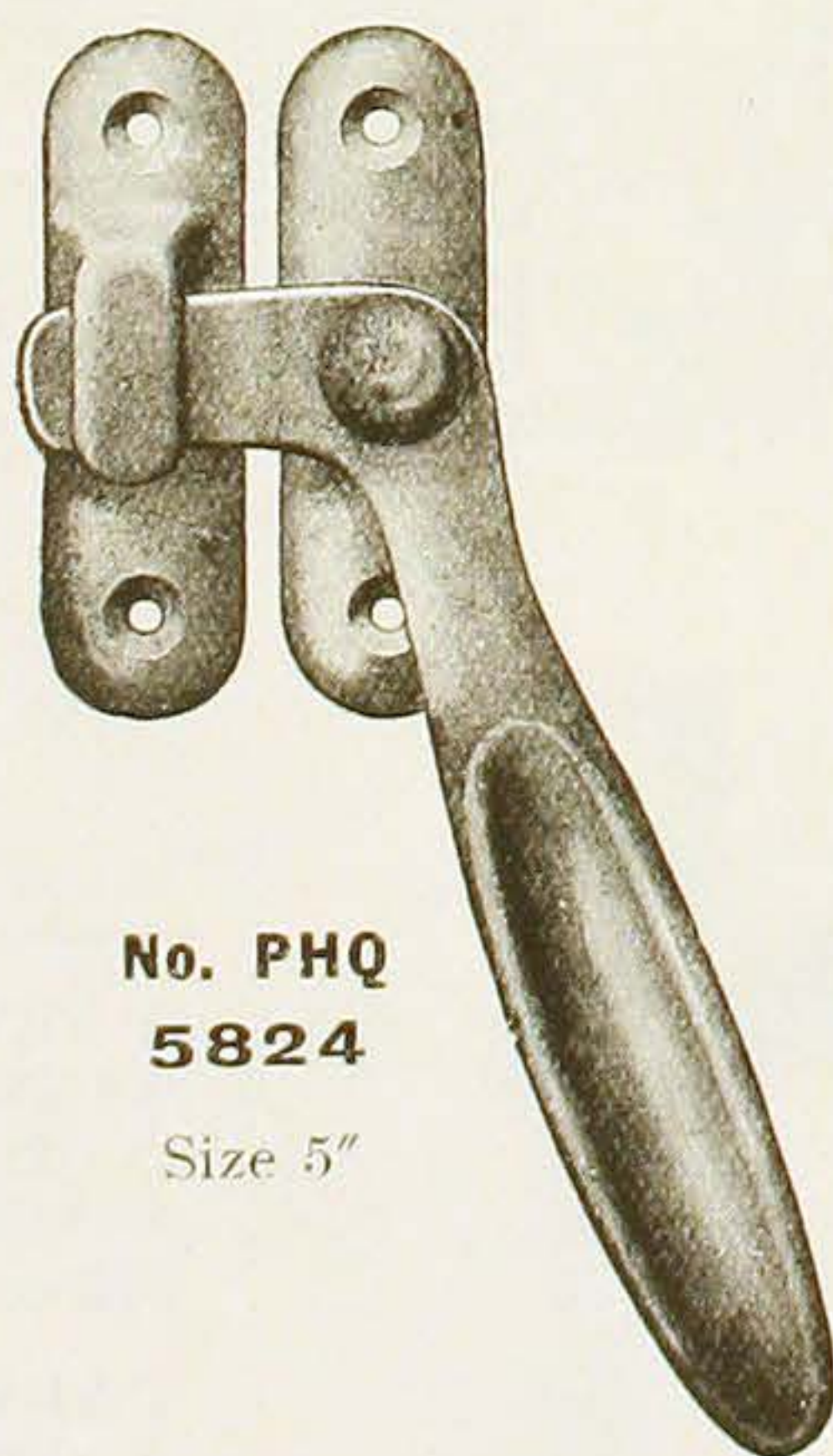
No. PHS**6291

Size.	Berlin Black. dozen. each.	Sheradized B.B. dozen. each.	Parwinac R.R. dozen. each.	Polished Brass. dozen. each.	C.B. & R. on Brass. dozen. each.	Bronze Metal Antique. dozen. each.	Oxidized Silver on Brass. dozen. each.
8"	9/8 10d.	13/3 1/2	13/3 1/2	28/- 2/6	32/6 2/10	36/9 3/2	42/- 3/8
10"	11/- 1/-	14/6 1/3	14/6 1/3	29/9 2/8	34/3 3/-	38/6 3/4	43/9 3/9
12"	12/3 1/1	15/9 1/5	15/9 1/5	33/3 3/-	37/9 3/3	42/- 3/8	47/3 4/2
15"	15/9 1/5	19/3 1/9	19/3 1/9	38/6 3/4	43/- 3/9	47/3 4/2	52/6 4/6



No. PHS 9232 Size 5"

	Mullion Plate. dozen. each.	Hook Plate. dozen. each.	Slot Plate. dozen. each.
Berlin Black ...	15/- 1/5	14/- 1/3	12/3 1/1
Sheradized B.B. ...	17/6 1/7	16/8 1/6	15/- 1/5
Parwinac R.R. ...	17/6 1/7	16/8 1/6	15/- 1/5
Brass ...	40/3 3/7	38/6 3/4	35/- 3/1
C. B. & R. on Brass ...	43/9 3/9	42/- 3/8	38/6 3/4
Bronze Metal Antique ...	45/6 4/-	43/9 3/9	39/6 3/6
Oxidized Silver on Brass ...	54/3 4/9	52/6 4/6	49/- 4/3



No. PHQ
5824

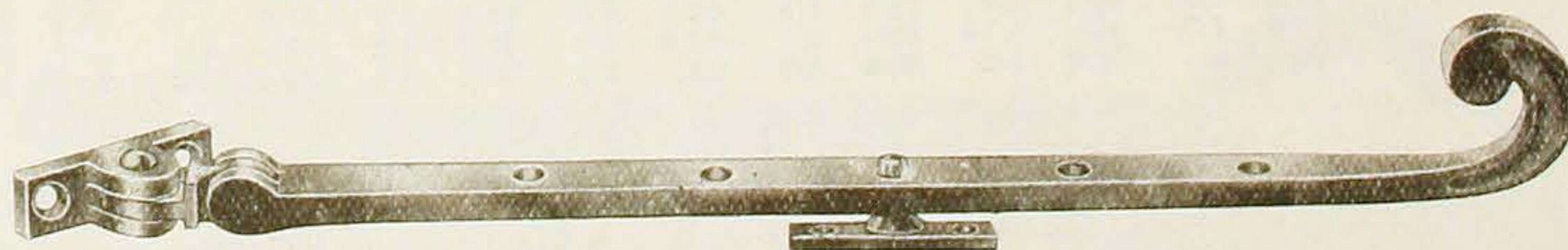
Size 5"

PARWINAC FINISH.

A rust resisting
finish not unlike
japanning.

PARWINAC R.R.

A rust resisting
finish of a matt
Berlin Black
colour.



No. PHS**9228

	Slot Plate. doz. each.	Hook Plate. doz. each.	Mullion Plate. doz. each.		Berlin Black. dozen. each.	Sheradized B.B. dozen. each.	Parwinac R.R. dozen. each.	Polished Brass. dozen. each.	C. B. & R. on Brass. dozen. each.	Bronze Metal Antique. dozen. each.	Oxidized Silver on Brass. dozen. each.
Berlin Black ...	6/9 8d.	8/- 9d.	9/9 11d.	Size.	10/6 1/-	14/- 1/3	14/4 1/5	29/9 2/7	35/- 3/2	38/6 3/4	43/9 3/9
Sheradized B.B. ...	9/3 11d.	10/6 1/-	12/3 1/1	10"	10/6 1/-	14/- 1/3	14/4 1/5	29/9 2/7	35/- 3/2	38/6 3/4	43/9 3/9
Parwinac R.R. ...	9/3 11d.	10/6 1/-	12/3 1/1	12"	12/- 1/2	15/4 1/5	15/4 1/5	33/3 3/-	38/6 3/4	42/- 3/8	47/3 4/2
Polished Brass ...	17/6 1/7	20/3 1/10	23/9 2/2								
C.B.&R. on Brass ...	21/6 1/11	24/- 2/2	27/9 2/6								
B.M.A. ...	24/6 2/2	28/- 2/6	31/6 2/10								

PHS—Stock Lines (*Stocked only in B.B., Brass and B.M.A.)
(**Stocked only in B.B. and B.M.A.)

PHQ—Quick delivery.

"B" Basis.

Casement Stays and Fasteners

**Stocked only in B.B.,
Brass, and B.M.A.

BEST QUALITY. Most Patterns have Recessed Back-plates which take up rivets and allow fixing without cutting into woodwork.

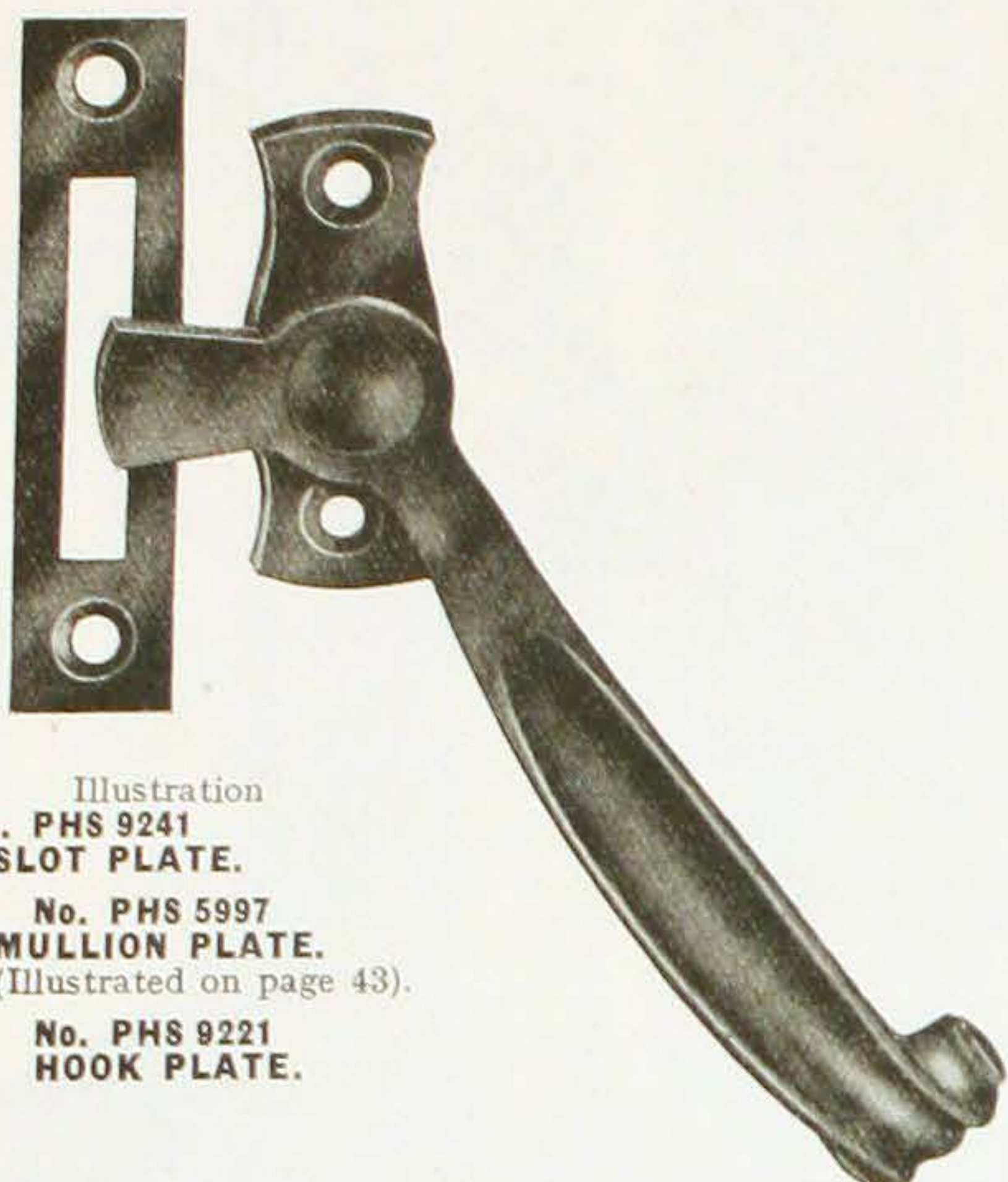
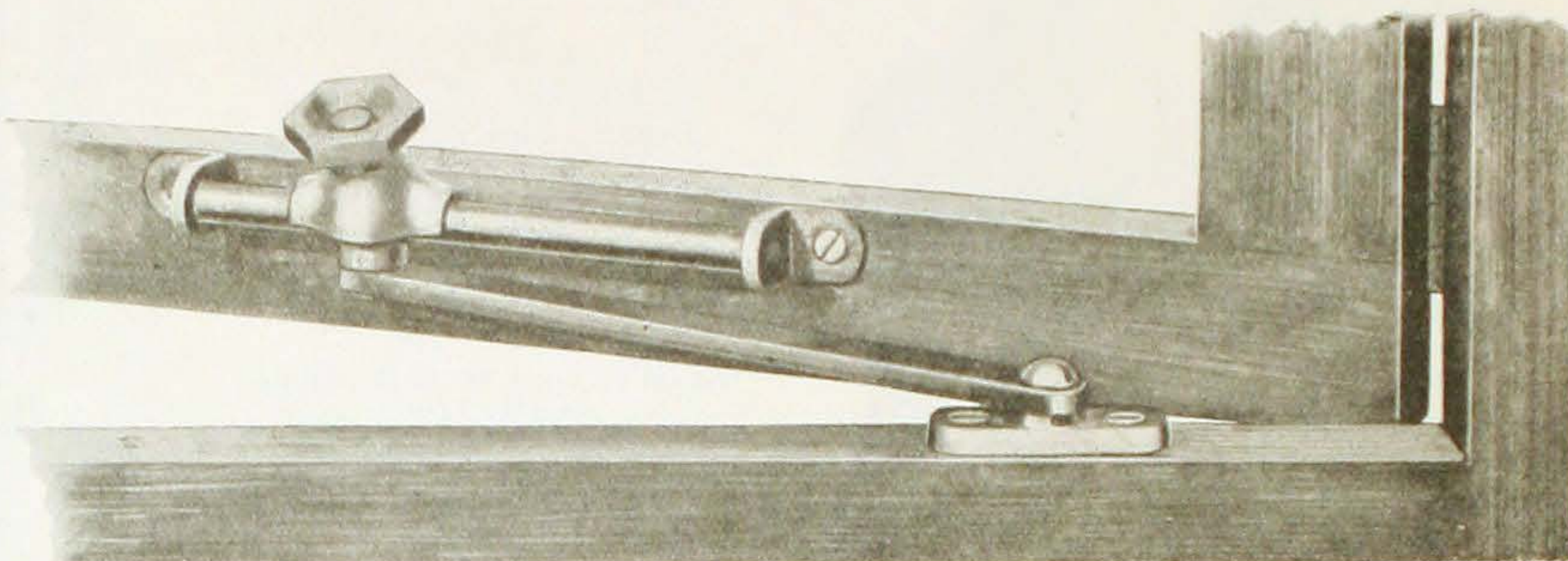


Illustration
No. PHS 9241
SLOT PLATE.

No. PHS 5997
MULLION PLATE.
(Illustrated on page 43).

No. PHS 9221
HOOK PLATE.



No. PHS**9283 The "Glyder" Stay. Regd. No. 719304. Birmingham Corporation Pattern.
Now supplied with quadruple winged nut instead of hexagonal nut shewn. One size only, 12".

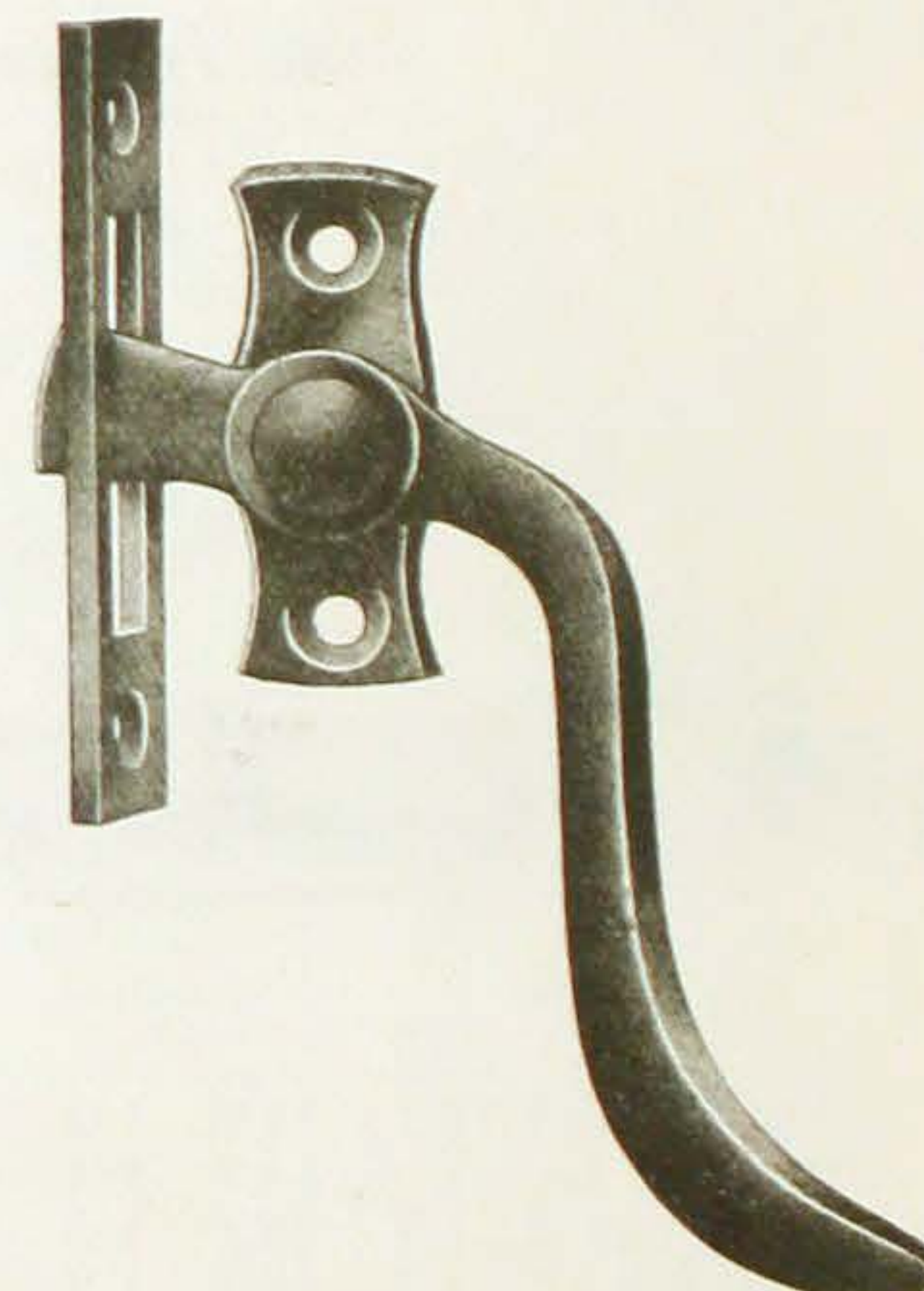
Sheradized	ParWinAc	Brass.	C. B. and R.	Bronze
Berlin	R.R.		on Brass.	Metal
Black.			Antique.	
doz.	each.	doz.	each.	doz.
18/6	1/9	19/8	1/10	66/6
				5/9
				73/8
				6/3
				84/-
				7/3

Size 5"	No. PHS**5997	No. PHS**9221	No. PHS**9241
	Mullion Plate.	Hook Plate.	Slot Plate.
	doz.	each.	doz.
Berlin Black	15/-	1/4	14/-
Sheradized B.B.	17/6	1/7	16/8
ParWinAc R.R.	17/6	1/7	16/8
C. B. and R. on Brass	43/9	3/9	42/-
Brass	40/3	3/6	38/6
Bronze Metal Antique	45/6	3/11	43/9
Ox. Silver on Brass	54/3	4/8	52/6



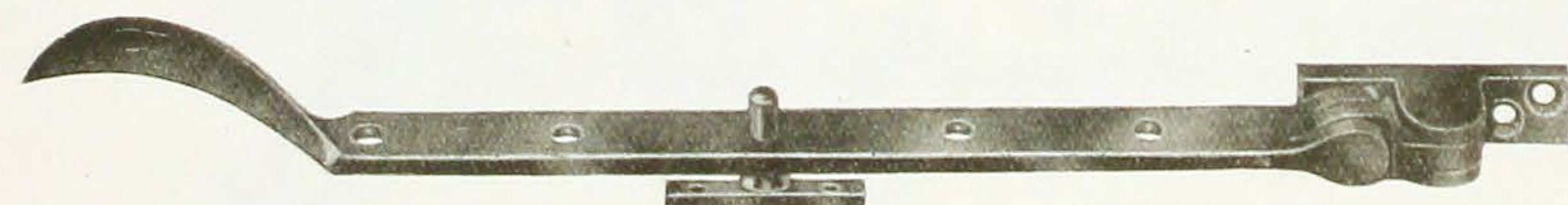
No. PHS**9237

Size.	Berlin Black.	Sheradized Berlin Black.	ParWinAc R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on Brass.
	doz.	each.	doz.	each.	doz.	each.	doz.
10"	15/-	1/4	18/6	1/7	18/6	1/7	59/6
12"	15/9	1/5	19/3	1/9	19/3	1/9	63/-



No. PHS**9231 Size 4 1/2"

	Mullion Plate.	Hook Plate.	Slot Plate.
	doz.	each.	doz.
Berlin Black	14/-	1/3	13/2
Sheradized B.B.	16/9	1/6	15/9
ParWinAc R.R.	16/9	1/6	15/9
Brass	39/6	3/6	37/9
C. B. and R. on Brass	43/-	3/9	41/3
Bronze Metal Antique	44/9	3/11	43/-
Ox. Silver on Brass	53/6	4/8	51/9



No. PHS**9230

Size.	Berlin Black.	Sheradized Berlin Black.	ParWinAc R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on Brass.
	doz.	each.	doz.	each.	doz.	each.	doz.
10"	16/8	1/6	20/2	1/10	20/2	1/10	38/6
12"	18/6	1/8	22/-	2/-	22/-	2/-	42/-



No. PHS**5998

Size.	Berlin Black.	Sheradized Berlin Black.	ParWinAc R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on Brass.
	doz.	each.	doz.	each.	doz.	each.	doz.
8"	14/-	1/3	17/6	1/7	17/6	1/7	36/9
10"	15/9	1/5	19/3	1/9	19/3	1/9	40/3
12"	17/6	1/7	21/-	1/10	22/-	2/-	43/9
15"	22/-	2/-	25/6	2/3	25/6	2/3	49/-

TRANSOM STAYS TO MATCH ABOVE. (See illustration on page 43).

No. PHS 6001 Same prices as above.
The advantage of these Transom Stays is that there is no underlying projection beneath the bar to cut into the woodwork.

Plate	Berlin Black.	Sheradized Berlin Black.	ParWinAc R.R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	Oxidized Silver on Brass.
	doz.	each.	doz.	each.	doz.	each.	doz.
Mullion	9/9	11d.	12/3	1/2	12/3	1/2	25/-
Hook	8/9	10d.	11/6	1/1	11/6	1/1	21/6
Slot	7/6	9d.	10/2	1/-	10/2	1/-	17/6



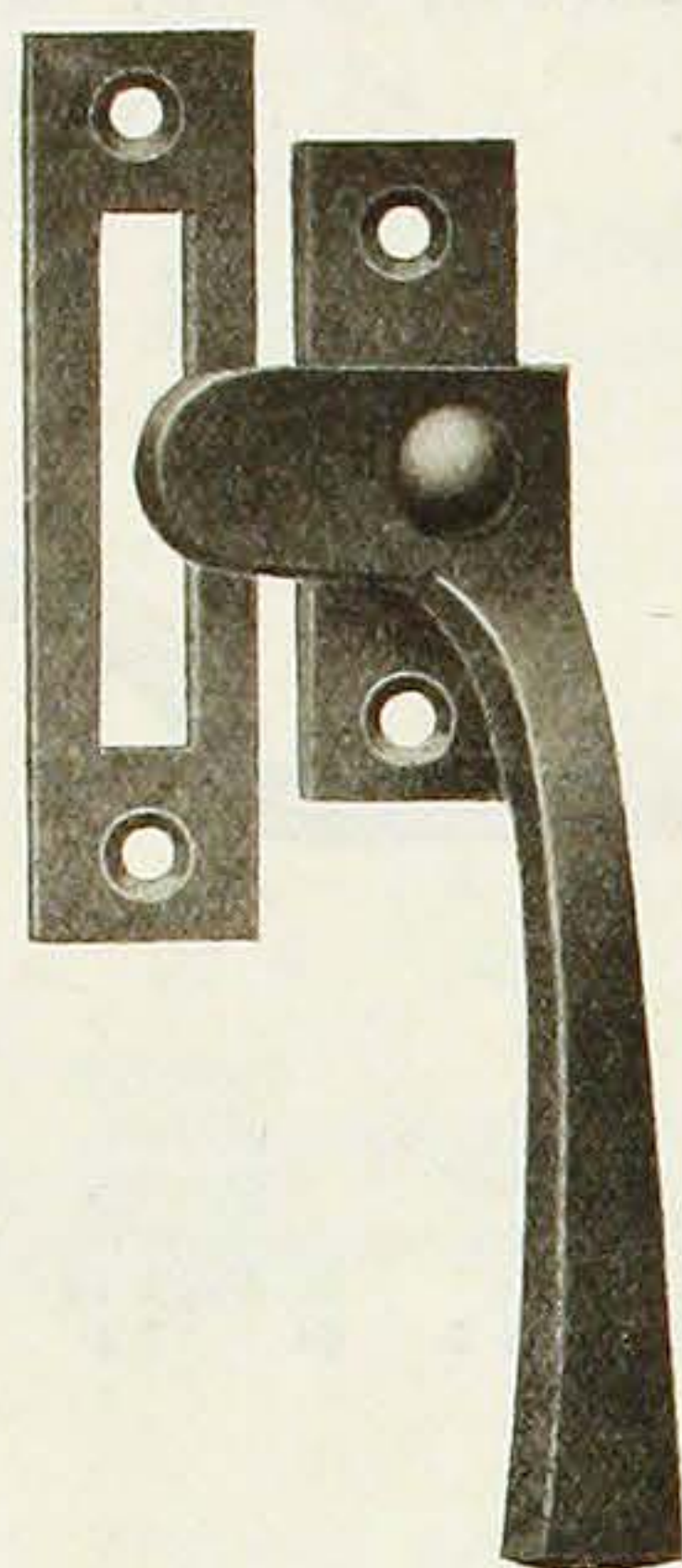
No. PHS**9236
Reversible.

PARWINAC FINISH.
A rust resisting finish not unlike japanning.

PARWINAC R.R.
A rust resisting finish of a matt Berlin Black colour.

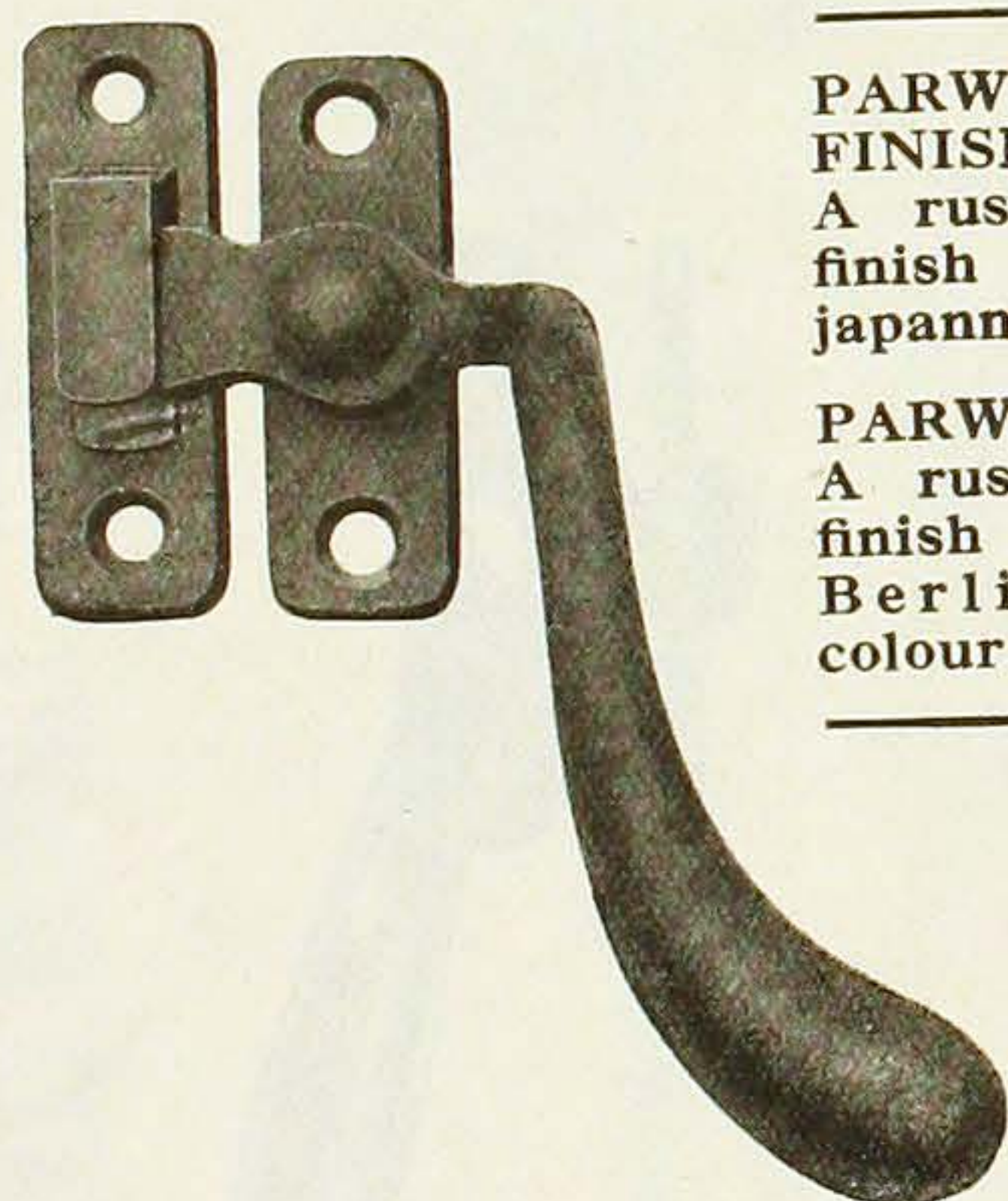
Casement Stays and Fasteners.

**Stocked only in B.B., Brass and B.M.A.



No. PHS**6303 Size 4 1/2"

	Mullion Plate.		Hook Plate.		Slot Plate.	
	dozen.	each.	dozen.	each.	dozen.	each.
Mall. Iron, B.B.	8/9	10d.	7/6	8d.	6/2	7d.
Sheradized B.B.	11/6	1/1	10/2	11d.	8/9	10d.
Parwinac R.R.	11/6	1/1	10/2	11d.	8/9	10d.
Brass	23/8	2/1	20/2	1/10	17/6	1/7
C. B. & R. on Brass	27/2	2/5	23/8	2/1	21/-	1/10
Bronze Metal Antique	31/6	2/9	28/-	2/6	24/6	2/2
Oxidized Silver on Brass	38/6	3/4	35/-	3/1	31/6	2/9



PARWINAC FINISH.

A rust resisting finish not unlike japanning.

PARWINAC R.R. A rust resisting finish of a matt Berlin Black colour.

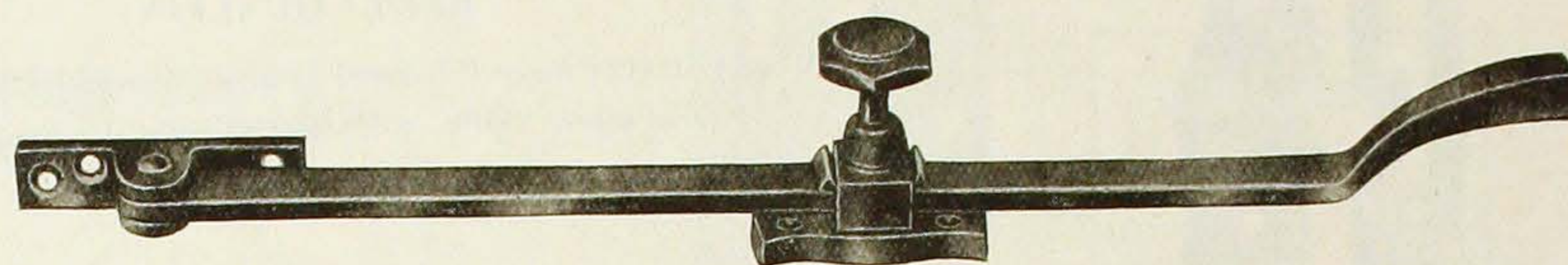
No. PHS**6274

	Mullion Plate.		Hook Plate.		Slot Plate.	
	dozen.	each.	dozen.	each.	dozen.	each.
Berlin Black	14/-	1/3	13/3	1/2	11/6	1/1
Sheradized B.B.	16/9	1/6	15/9	1/5	14/-	1/3
Parwinac R.R.	16/9	1/6	15/9	1/5	14/-	1/3
Brass	35/-	3/2	33/3	3/-	29/9	2/7
C. B. & R. on Brass	38/6	3/5	36/9	3/3	33/3	3/-
Bronze Metal Antique	40/3	3/7	38/6	3/4	35/-	3/2
Ox. Silver on Brass	49/-	4/3	47/3	4/2	43/9	3/10

GILES' PATTERN.

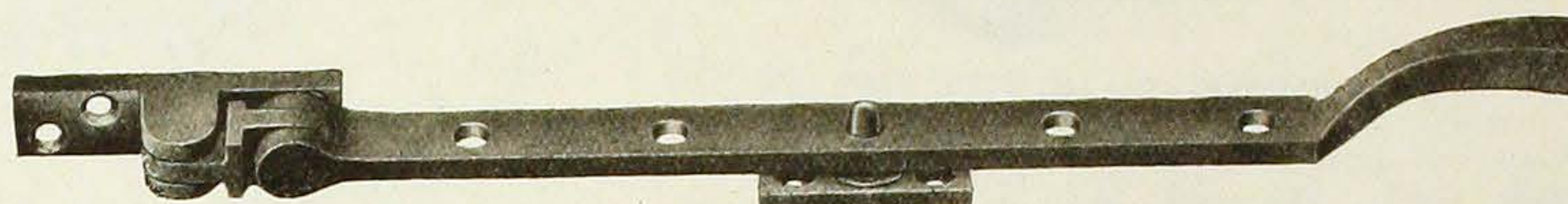
No. PHS**9305 Size 5"

	dozen.	each.
Berlin Black	6/2	8d.
Sheradized B.B.	8/9	10d.
Parwinac R.R.	8/9	10d.
Polished Brass	29/9	2/7
C. B. & R. on Brass	33/3	3/-
Bronze Metal Antique	35/-	3/2
Oxidized Silver on Brass	43/9	3/10



No. PHS**9238 Steel Casement Stay, 10"

	Berlin Black.		Sheradized Berlin Black.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.	
Size	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
10"	17/6	1/7	21/-	1/11	21/-	1/11	63/-	5/6	70/-	6/1	80/6	6/11	84/-	7/2
12"	18/6	1/9	22/-	2/-	22/-	2/-	66/6	5/10	73/6	6/4	84/-	7/3	87/6	7/6



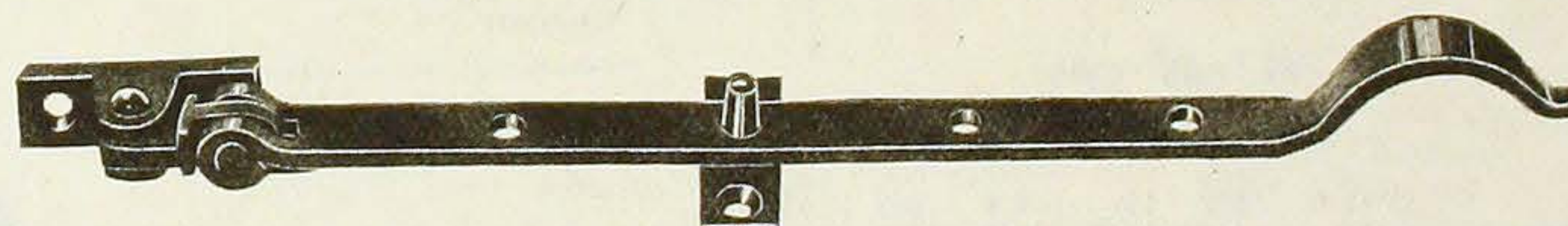
No. PHS**6292

	Berlin Black.		Sheradized Berlin Black.		Parwinac R.R.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.	
Size	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
8"	11/-	1/-	14/6	1/4	14/6	1/4	26/3	2/4	31/6	2/9	38/6	3/4	40/3	3/6
10"	11/10	1/1	15/4	1/5	15/4	1/5	29/9	2/7	35/-	3/-	42/-	3/8	43/9	3/9
12"	13/2	1/2	16/8	1/6	16/8	1/6	33/3	2/11	38/6	3/4	45/6	4/-	47/3	4/2
15"	15/9	1/5	20/2	1/9	20/2	1/9	38/6	3/4	43/9	3/9	50/9	4/4	52/6	4/6



No. PHS**9227

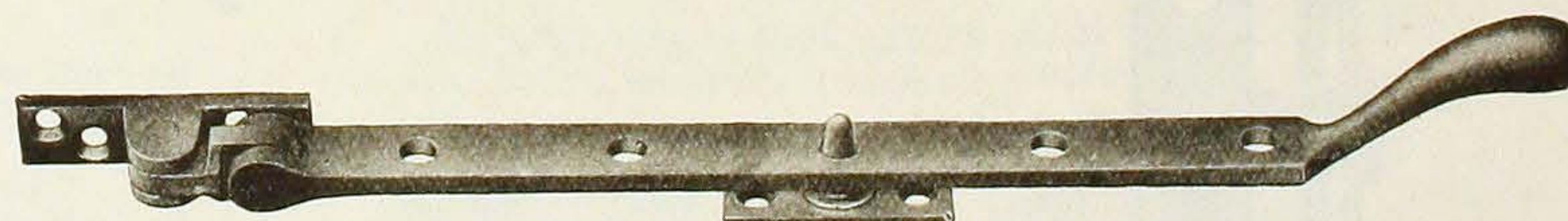
	Berlin Black.		Sheradized Berlin Black.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.	
Size	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
10"	16/3	1/6	19/9	1/9	19/9	1/9	63/-	5/6	70/-	6/1	80/6	6/11	84/-	7/2
12"	17/-	1/7	20/8	1/10	20/8	1/10	66/6	5/10	73/6	6/4	84/-	7/3	87/6	7/6



No. PHS 9284

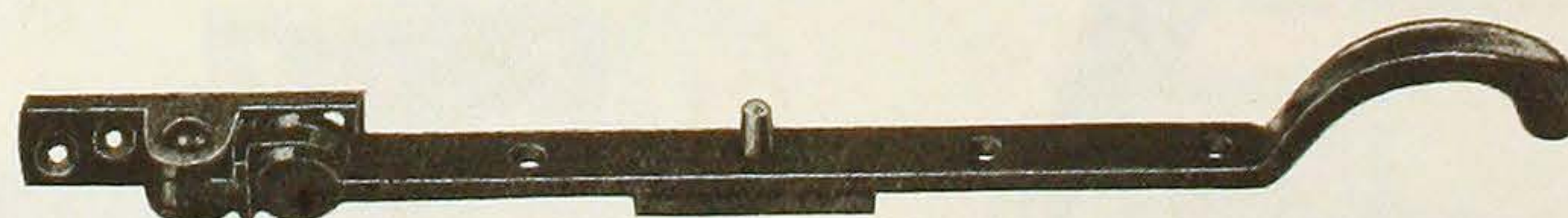
Not supplied in Brass or B.M.A.

	B.B.		S.B.B.		Parwinac Finish.		C.B. & R. on Iron.		Parwinac R.R.	
Size	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
8"	6/9	8d.	9/3	10d.	8/6	9d.	11/-	1/-	10/3	11d.
10"	7/-	9d.	9/9	11d.	8/9	10d.	11/6	1/1	10/6	1/-
12"	7/6	10d.	10/3	1/-	9/-	11d.	12/-	1/2	11/-	1/1



No. PHS 6288

Size	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
Berlin Black	17/-	1/7	17/-	1/7	17/-	1/7	17/-	1/7
Brass	50/9	4/4	50/9	4/4	50/9	4/4	50/9	4/4



No. PHS**9306

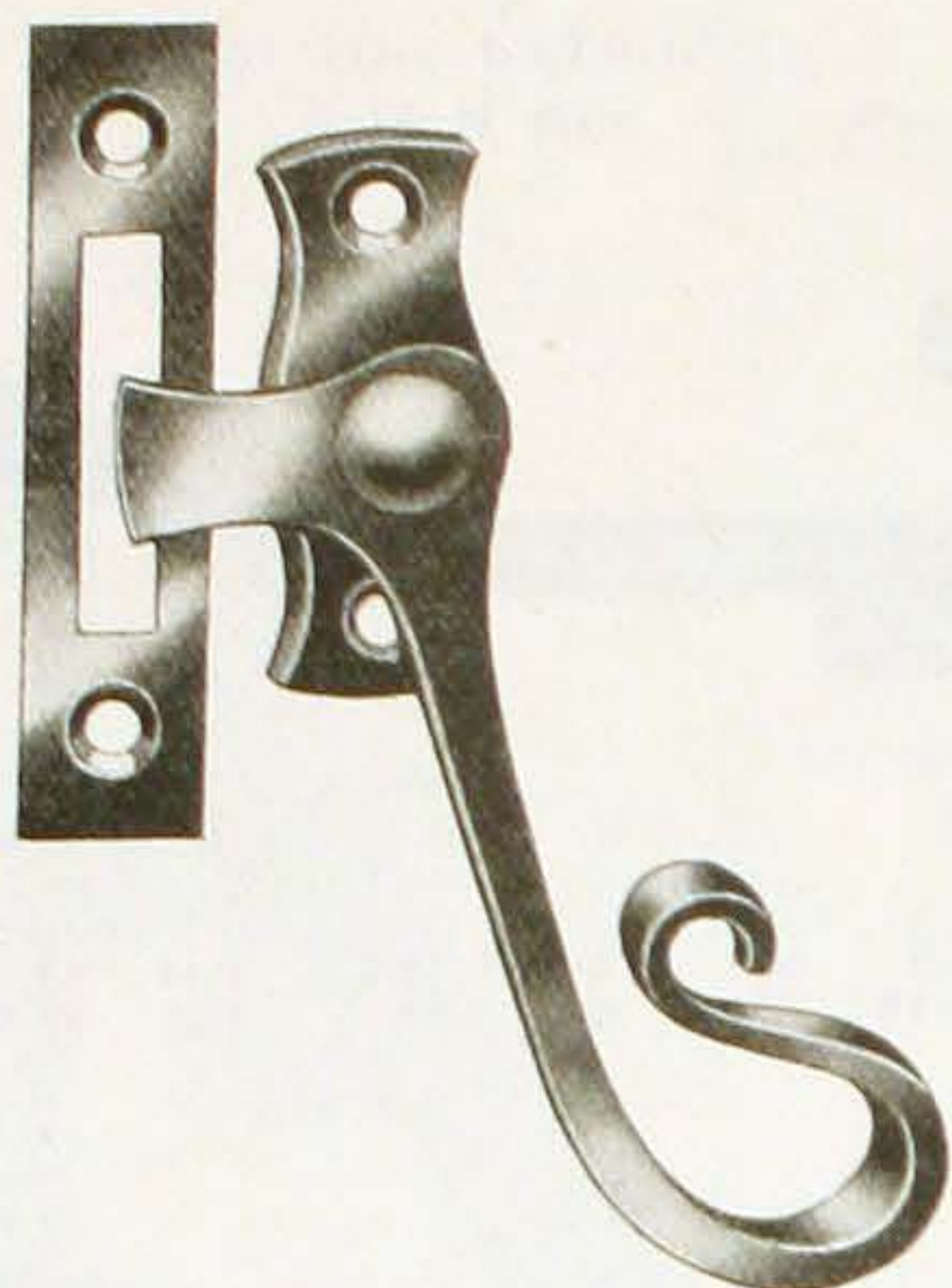
	8"		10"		12"		15"	
	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
Berlin Black	10/6	1/-	11/10	1/1	13/2	1/3	15/9	1/5
Sheradized B.B.	14/-	1/3	15/4	1/5	16/8	1/6	19/3	1/9
Parwinac R.R.	14/-	1/3	15/4	1/5	16/8	1/6	19/3	1/9
Polished Brass	33/3	3/-	36/9	3/3	40/3	3/6	45/6	4/-
C. B. & R. on Brass	37/9	3/4	41/3	3/7	44/9	3/10	50/-	4/4
Bronze Metal Antique	38/6	3/5	42/-	3/8	45/6	4/-	50/9	4/5
Oxidized Silver on Brass	47/3	4/2	50/9	4/4	54/3	4/9	59/6	5/2

Casement Stays and Fasteners

*Stocked only in B.B.
**Stocked only in B.B., Brass & B.M.A.

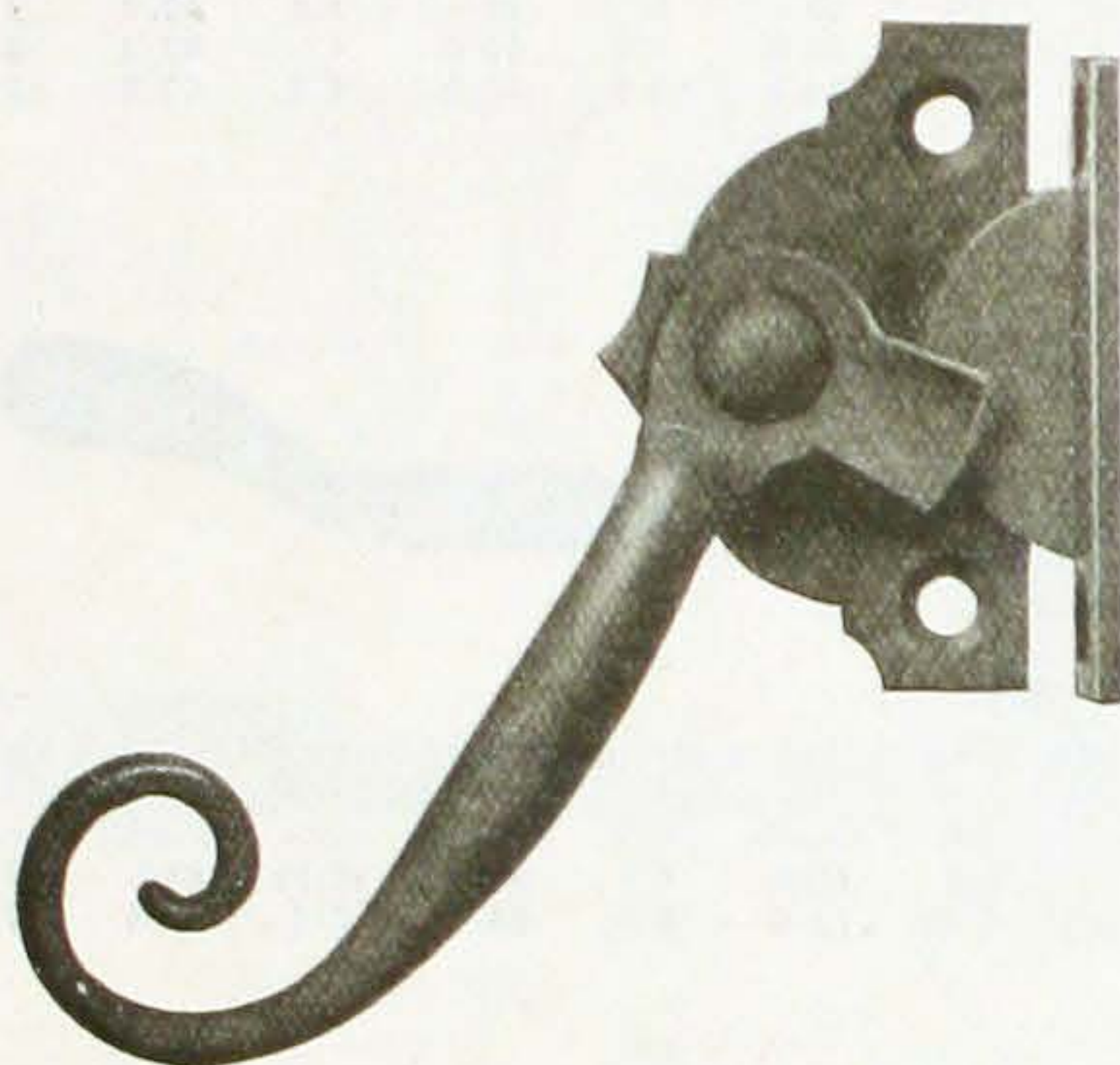
BEST QUALITY.

Most Patterns have Recessed Back-plates which take up rivets
and allow fixing, without cutting into woodwork.



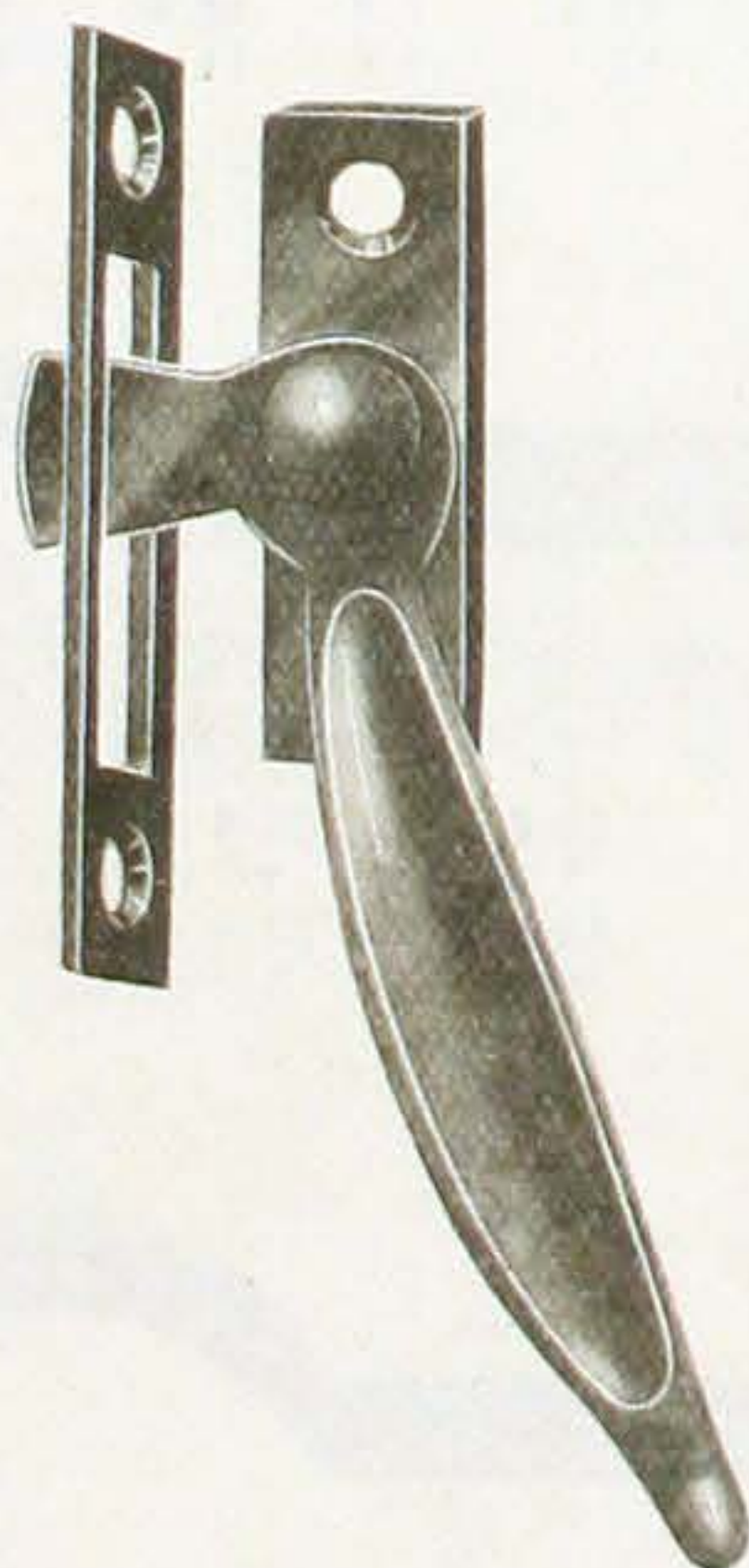
No. PHS9235** Size 4 1/2"

	Mullion Plate.		Hook Plate.		Slot Plate.	
	doz.	each.	doz.	each.	doz.	each.
Berlin Black	11/6	1/1	10/2	1/-	8/9	10d.
Sheradized B.B.	14/-	1/3	12/9	1/2	11/6	1/1
ParWinAc R.R.	14/-	1/3	13/2	1/3	11/6	1/1
Brass	36/9	3/2	34/3	3/-	30/8	2/8
C. B. and R. on Brass	40/3	3/6	37/9	3/4	34/2	3/-
Bronze Metal Antique	42/-	3/8	39/6	3/6	36/-	3/2
Ox. Silver on Brass	50/9	4/4	48/2	4/2	45/6	4/-



No. PHS6309**

	Mullion Plate.		Hook Plate.		Slot Plate.	
	doz.	each.	doz.	each.	doz.	each.
Berlin Black	11/6	1/1	11/-	1/1	9/8	11d.
Sheradized B.B.	14/-	1/3	13/7	1/3	12/3	1/1
ParWinAc R.R.	14/-	1/3	13/7	1/3	12/3	1/1
Brass	36/9	3/2	35/-	3/1	31/6	2/9
C. B. and R. on Brass	40/3	3/6	38/6	3/4	35/-	3/1
Bronze Metal Antique	42/-	3/8	40/3	3/6	36/9	3/3
Ox. Silver on Brass	50/9	4/4	49/-	4/3	45/6	3/11



No. PHS*9304 Size 4 1/2"

	Mullion Plate.		Hook Plate.		Slot Plate.	
	doz.	each.	doz.	each.	doz.	each.
Berlin Black	8/-	10d.	6/9	9d.	5/9	8d.
Sheradized B.B.	10/6	1/-	9/3	11d.	8/6	10d.
ParWinAc Finish	9/3	11d.	8/-	10d.	7/-	9d.
C. B. and R. on Iron	11/6	1/1	10/3	1/-	9/3	10d.
ParWinAc R.R.	10/6	1/-	9/3	11d.	8/6	10d.



No. PHS9233**

Size.	Berlin Black.		Sheradized Berlin Black.		ParWinAc R.R.		Polished Brass.		C. B. and R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	16/8	1/6	20/2	1/10	20/2	1/10	63/-	5/6	70/-	6/-	80/6	6/10	84/-	7/2
12"	18/6	1/8	22/-	2/-	22/-	2/-	66/6	5/9	73/6	6/3	84/-	7/2	87/6	7/6



No. PHS 9286 Only in Brass and Bronze Metal Antique.

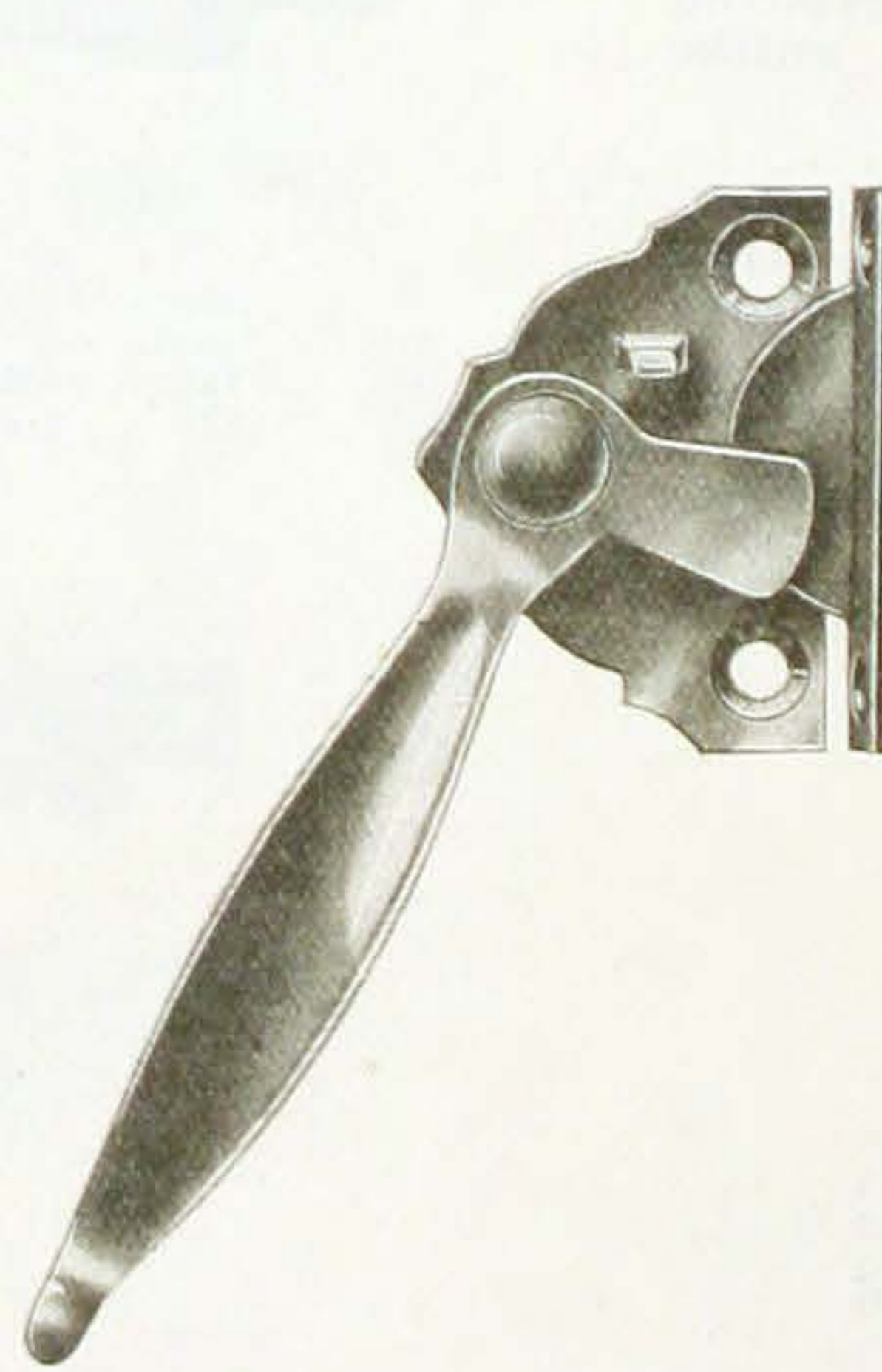
	8"		10"		12"	
	doz.	each.	doz.	each.	doz.	each.
Brass	28/-	2/6	29/9	2/8	33/3	2/11
Bronze Metal Antique	36/9	3/3	38/6	3/5	42/-	3/8

PARWINAC FINISH.

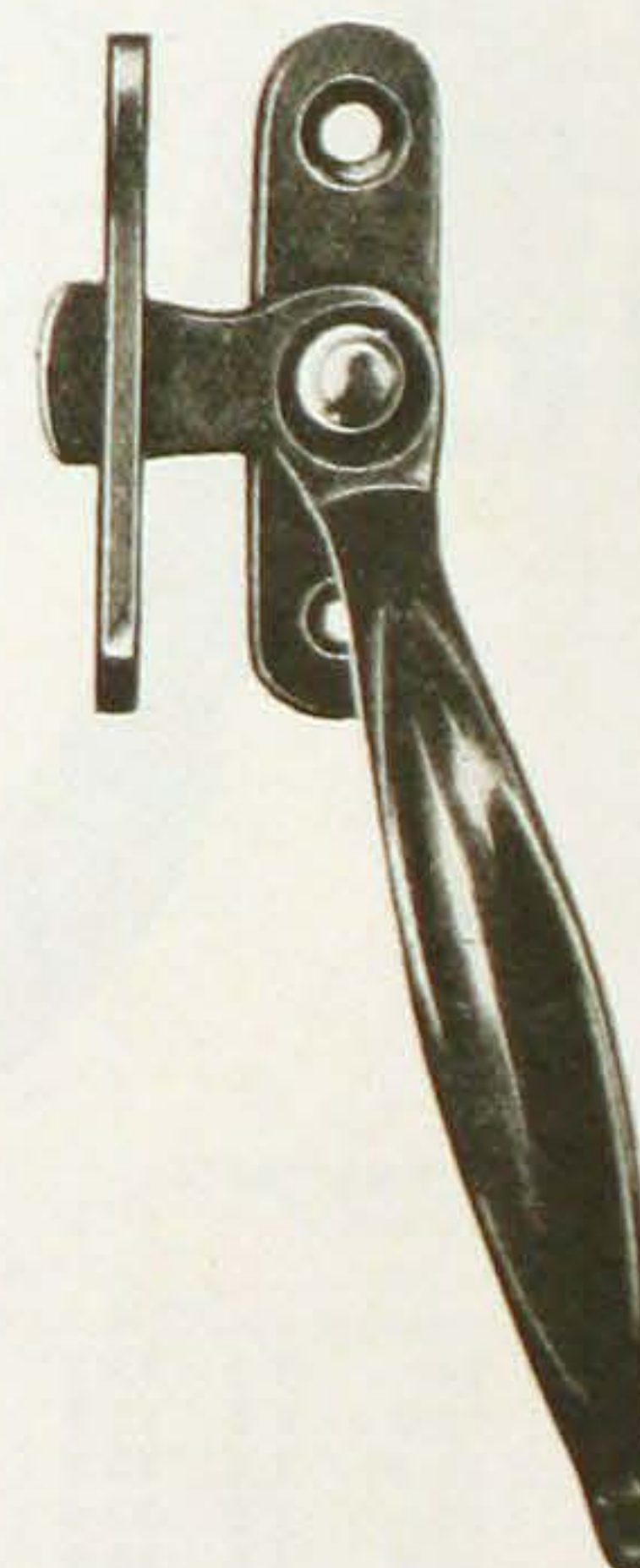
A rust resisting finish not unlike japanning.

PARWINAC R.R.

A rust resisting finish of a matt Berlin Black colour.



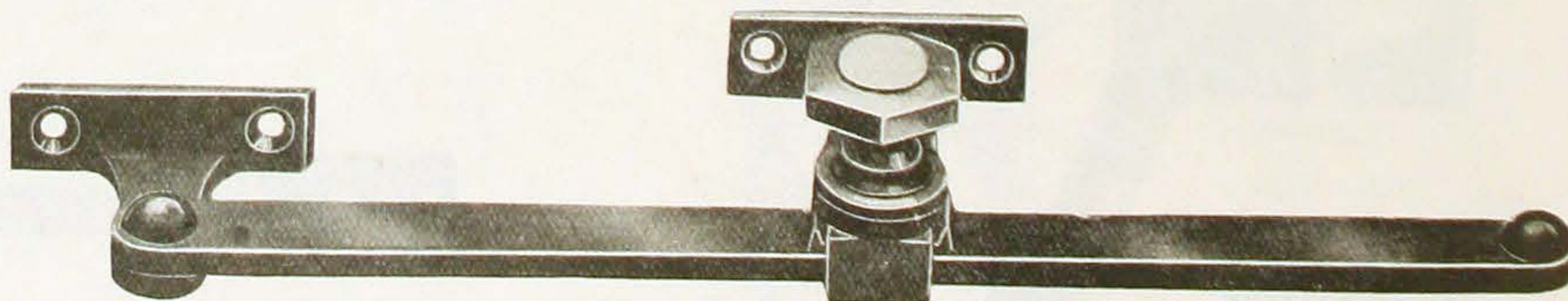
No. PHS9303**
Mullion Plate.



No. PHS9303**
Slot Plate.

No. PHS9303**

Type of Plate	Berlin Black		Sheradized Berlin Black		ParWinAc Finish		Brass		C. B. & R. on Brass		Bronze Metal Antique		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
Slot	6/9	9d.	9/3	11d.	8/3	10d.	17/6	1/8	21/6	1/11	24/6	2/3	9/6	1/-
Hook	8/-	9d.	10/6	1/-	9/6	11d.	20/3	1/10	24/-	2/2	28/-	2/6	10/9	1/1
Mullion	9/9	10d.	12/3	1/2	11/3	1/-	23/9	2/2	27/9	2/6	31/6	2/9	12/6	1/2



No. PHS9282** For Casements Opening Inwards.

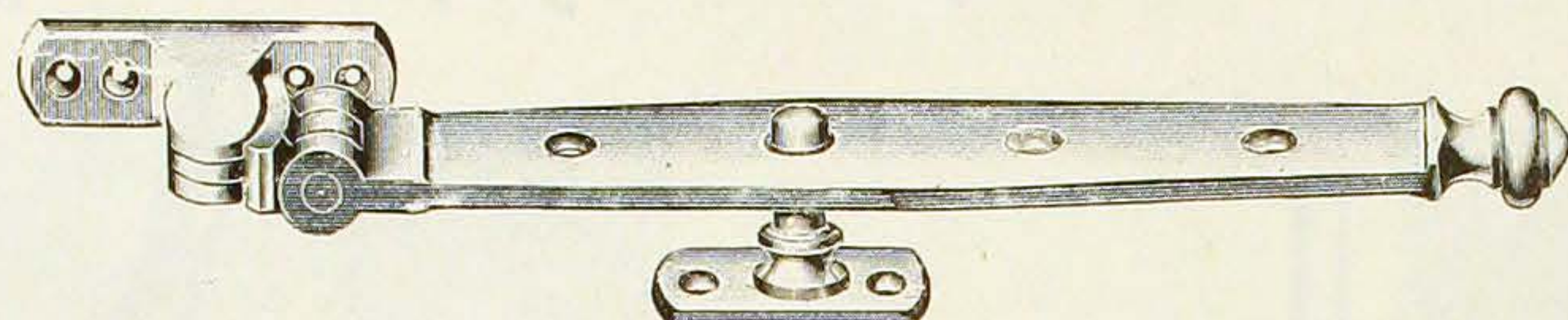
Size.	Berlin Black.		Sheradized Berlin Black.		ParWinAc Finish.		Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		ParWinAc R.R.	
	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
10"	23/9	2/1	28/-	2/6	25/6	2/3	59/6	5/2	66/6	5/8	73/6	6/3	27/3	2/5
12"	24/6	2/2	29/-	2/8	26/3	2/4	63/-	5/4	70/-	6/-	78/9	6/9	28/-	2/6

"B" Basis.

Extra for Chromium Plating Stainless for any of the above, 5/- each nett.

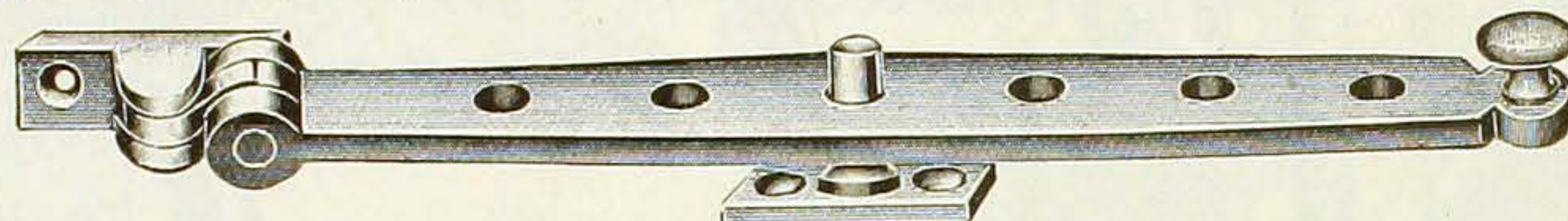
*PHS—Stocked only in B.B. **Stocked only in B.B., Brass and B.M.A.

Casement Stays, Sash Fasteners, etc.



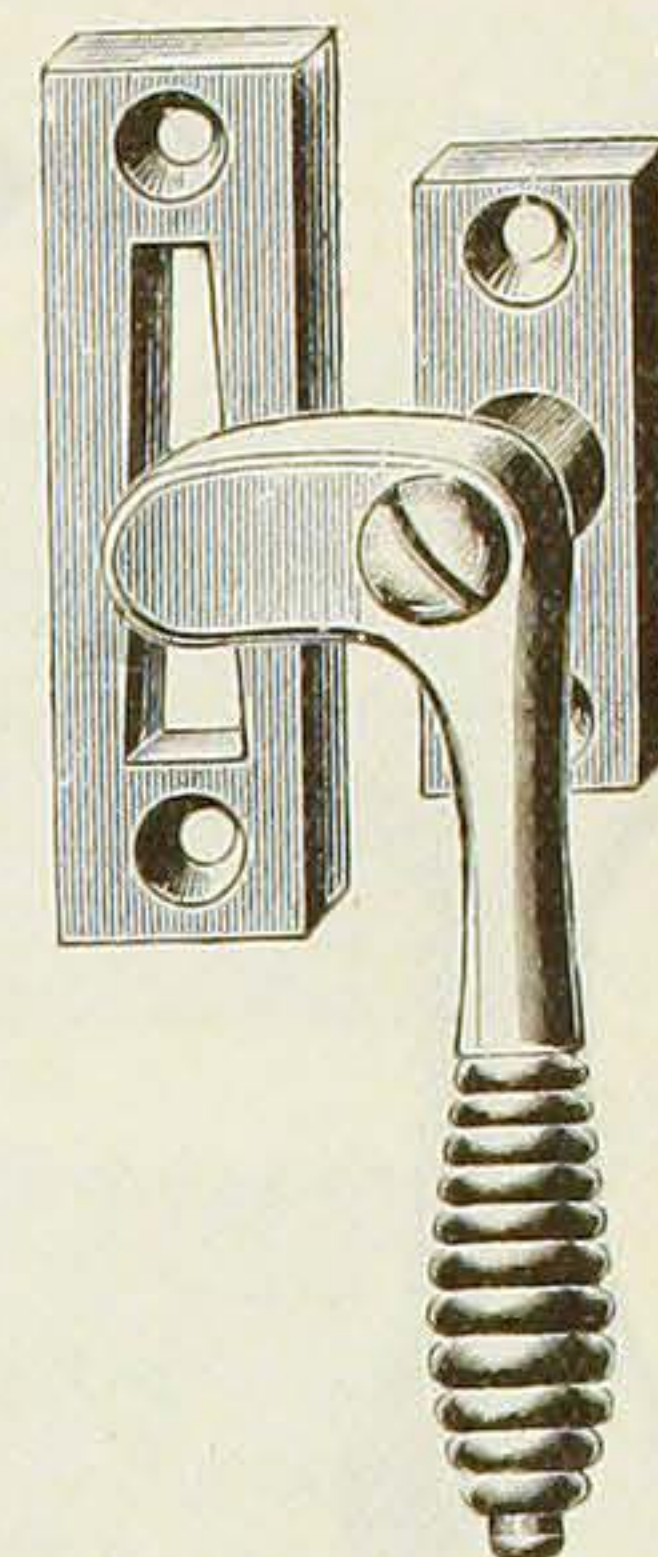
No. PHQ 1931

No. PHQ 1931															
Size.	Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.		
	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	
10"	...	15/-	1/5	18/6	1/8	18/6	1/8	38/6	3/4	43/9	3/9	45/6	4/-	57/9	5/-
12"	...	16/9	1/6	20/3	1/10	20/3	1/10	42/-	3/8	47/3	4/2	49/-	4/3	61/3	5/3



No. PHQ 1926

No. PHQ 1928															
		Berlin Black.		Sheradized B.B.		Parwinac R.R.		Polished Brass.		C. B. & R. on Brass.		Bronze Metal Antique.		Oxidized Silver on Brass.	
Size.		dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.	dozen.	each.
8"	...	9/9	10d.	13/3	1/2	13/3	1/2	24/6	2/2	29/9	2/8	36/9	3/2	38/6	3/4
10"	...	10/6	1/-	14/-	1/3	14/-	1/3	28/-	2/6	33/3	2/10	38/6	3/4	42/-	3/8
12"	...	11/10	1/1	15/4	1/5	15/4	1/5	31/6	2/9	36/9	3/2	42/-	3/8	45/6	3/11



No. PHQ 1963

*Stocked only in Brass and B.M.A.

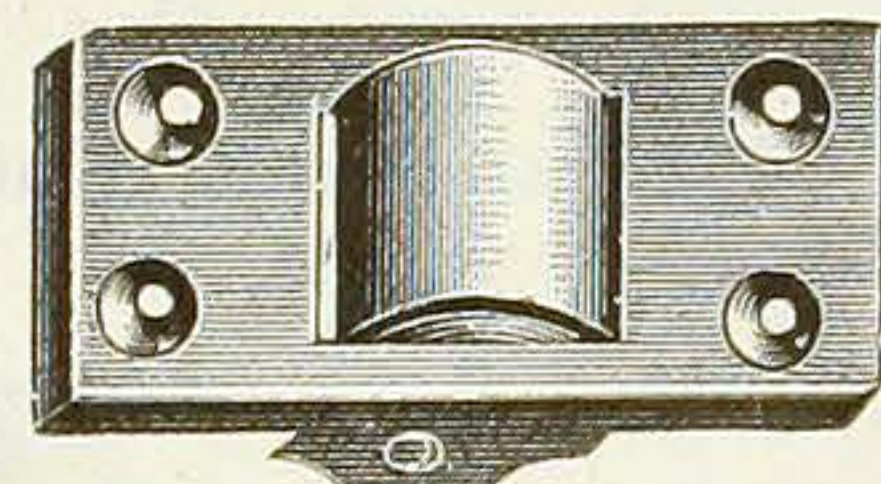
PARWINAC FINISH.

A rust resisting finish not unlike japanning.

PARWINAC R.R.

A rust resisting finish of a Matt Berlin Black colour.

Mortice		Hook	
Plate.		Plate.	
dozen.	each.	dozen.	each.
22/-	2/-	26/6	2/4
22/-	2/-	26/6	2/4

SASH ROLLERS.
No. PHS 2639

Width of Roller.	Size of Plate.	
5"	1" x 2"	8/- dozen.
3"	1 1/8" x 2 1/4"	8/9 "
4"	1 1/4" x 2 3/8"	10/6 "
1"	1 3/8" x 2 1/2"	14/6 "

Lighter. Machine Made.

Size of Roller.	Width of Frames.	Per gross.	Per dozen.
5" x 1/2"	1 1/2" x 1 3/4"	21/-	1/10
7" x 3/4"	1 7/8" x 1 7/8"	31/6	2/9
9" x 1"	2" x 2"	47/3	4/2

THE "COUNTY" SASH OPENER AND FASTENER.

For opening and closing lofty sashes.

Set consists of:—

- 1 fastener.
- 2 pulleys.
- 2 cord holders.
- 2 each box and cocus wood or black and white china handles, with india-rubber rings.
- 10 yards best cord.

No. PHS 1940

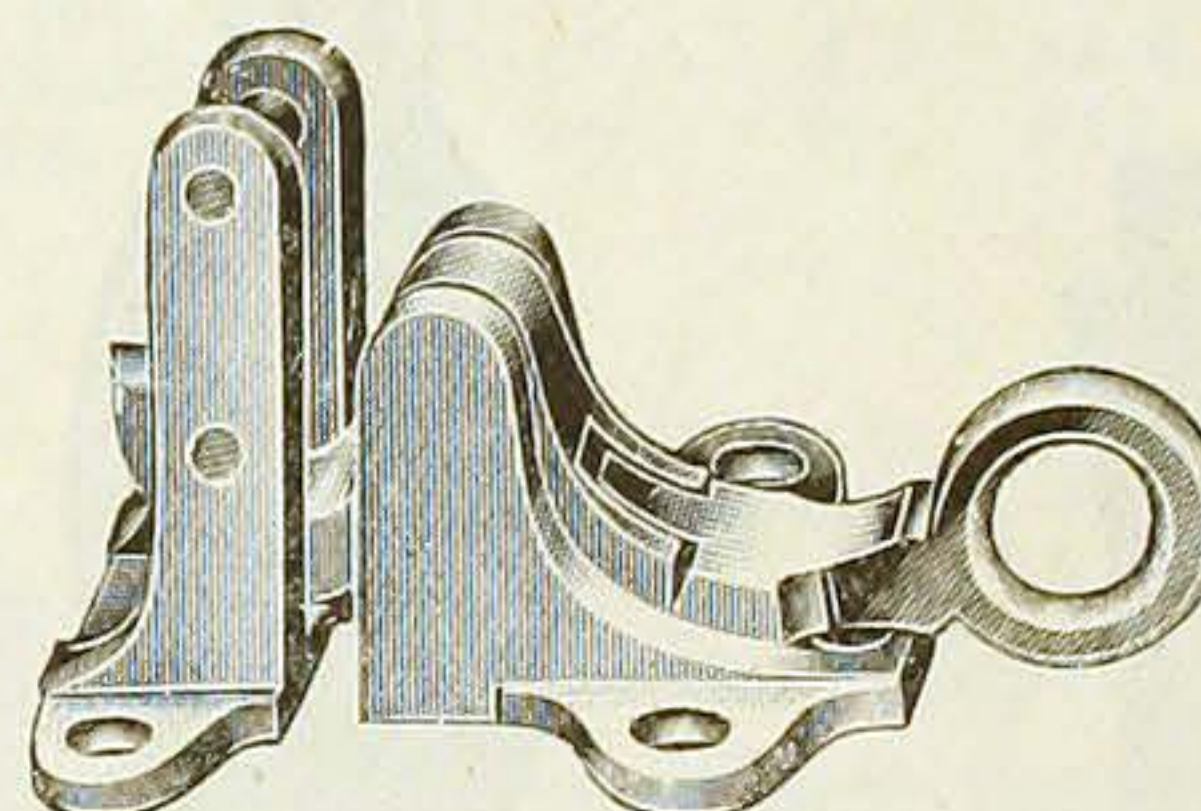
Set No. PHS 1941

is as above, but without Glacé Cord and Box and Cocus Handle.

Box and Cocus handles supplied unless otherwise ordered.

No. PHS 1940 No. PHS 1941

Brass	...	11/3	6/6 per set.
B.M.A.	...	13/6	8/9 "



No. PHQ 1486

THE "ADJUSTO" 2 3/4"

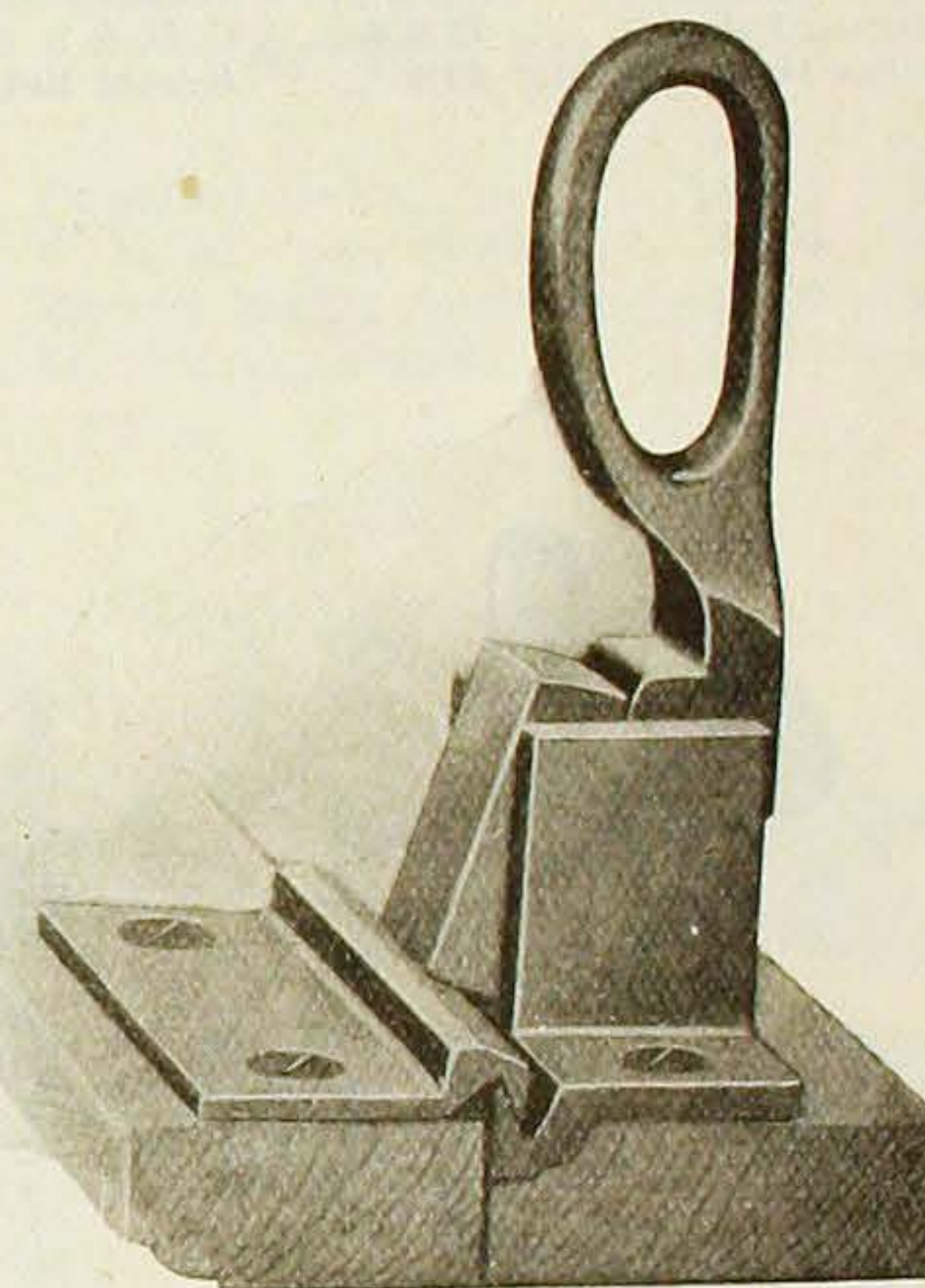
Allows window to open for ventilation day or night with perfect security.

	doz.	each.
Brass	36/9	3/2
Bronze Metal	46/-	4/-

No. PHQ 2272 2 3/4"

For Heavy Sashes. Not adjustable.

	doz.	each.
Brass	36/9	3/2
Bronze Metal	42/-	3/8



No. PHS*5831

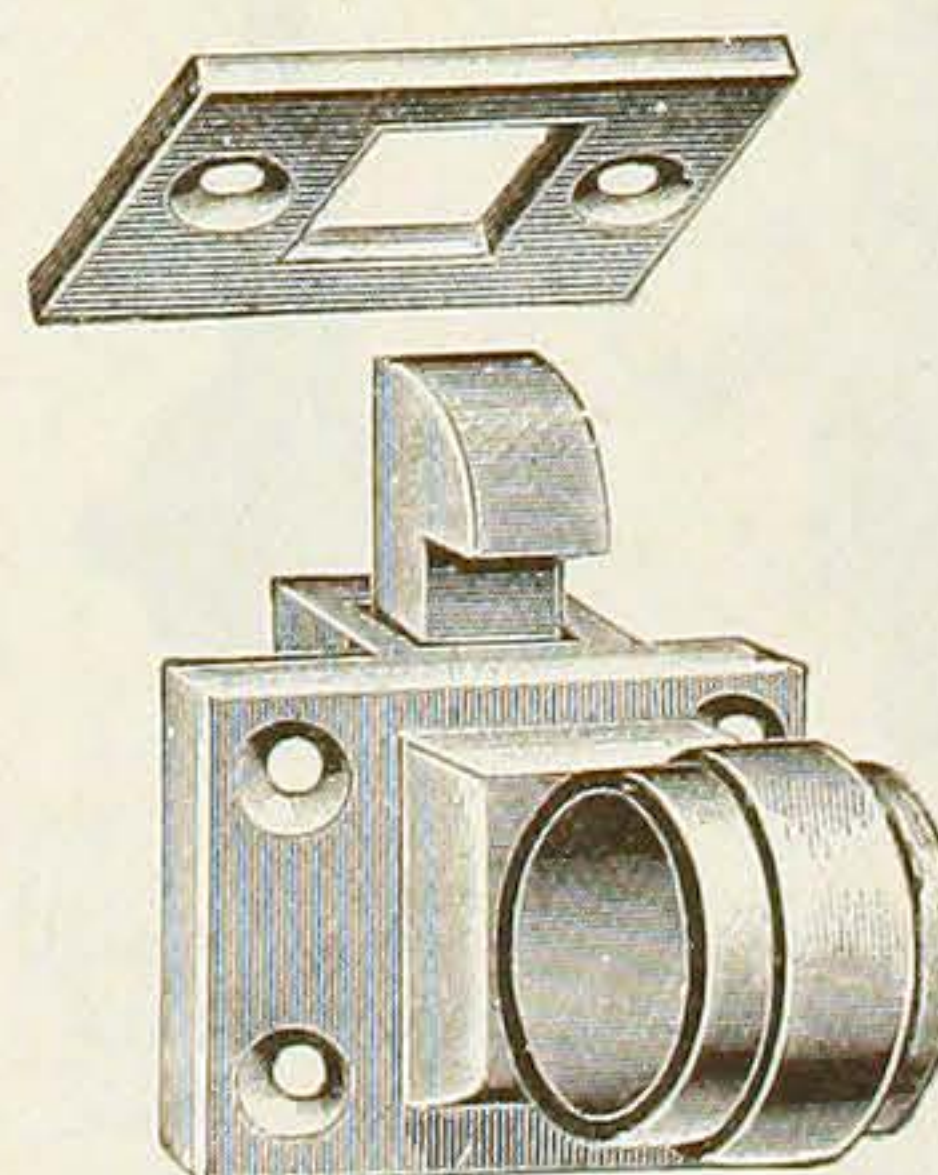
Front measurement, 1 7/8"

Back to Front, 2"

Self Locking.

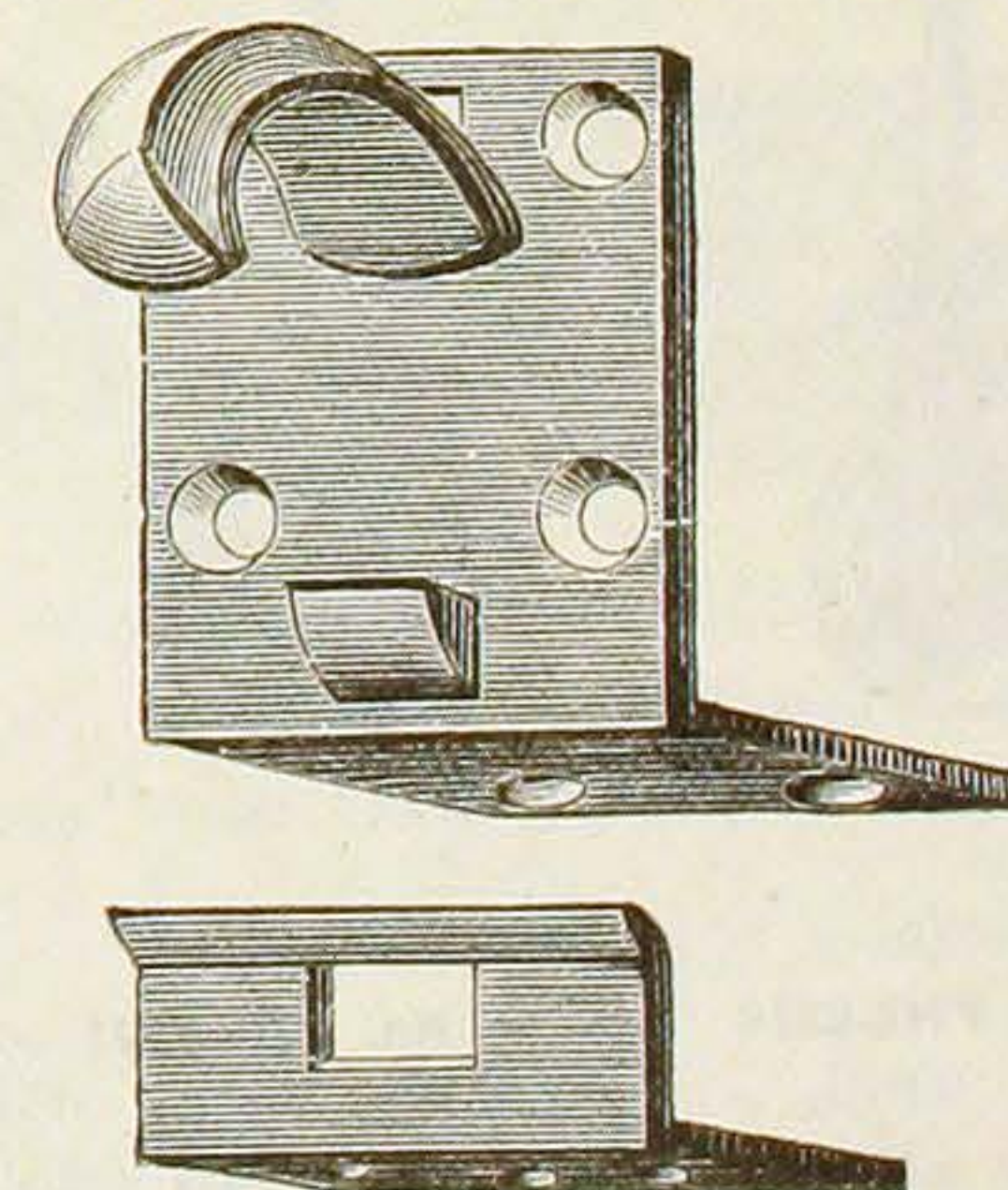
The closing of sash automatically operates the fastener, which may be worked with pole as well as by hand.

	dozen.	each.
Polished Brass	54/3	4/8
C. B. & R. on Brass	57/9	5/-
Bronze Metal Antique	63/-	5/5

IMPROVED SASH LIFTS AND FASTENERS.
No Centre Fastener required where these are used.

No. PHS*2627

Top Sash Fastener, 1 1/4" x 1 1/2"



No. PHS*2629

Bottom Sash Fastener, strong.

	Polished Brass.	C.B. & R. on Brass.	Bronze Metal Antique.	
No. PHS*2627	28/-	31/6	37/6	dozen.
	2/6	2/9	3/3	each.
No. PHS*2629	57/-	71/2	75/9	dozen.
	5/-	6/2	6/5	each.

Long Arm Hooks, Cleat Hooks, Pulleys, etc.

*Stocked only
in Brass and
B.M.A.



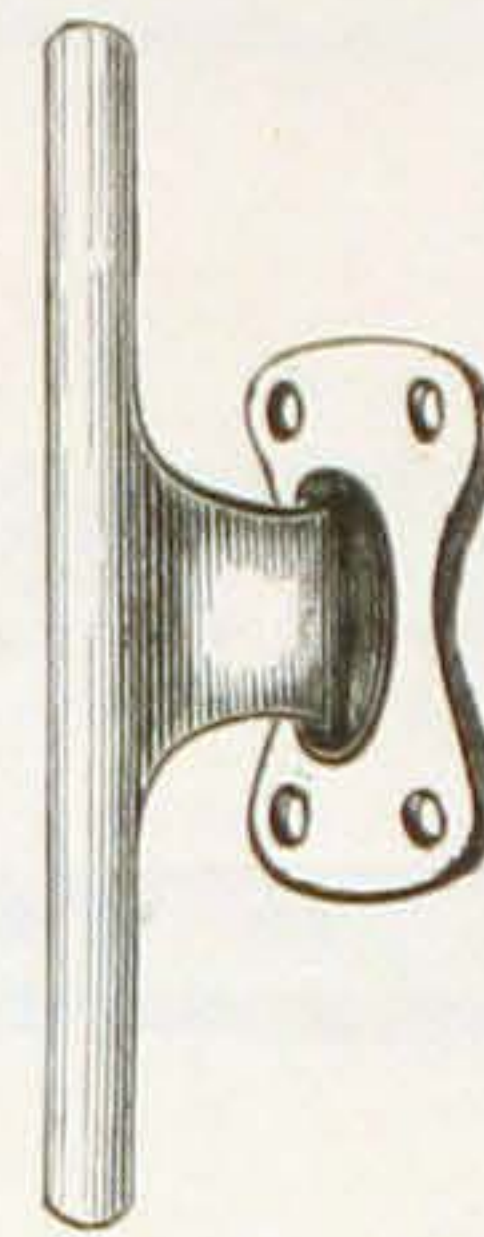
No. PHS 1829
Inside diameter 1" Length 3 1/2"
Polished Brass .. 17/6 doz.
Bronze Metal Antique 23/6 "



No. PHS 1822
Inside diameter 1 1/2" Length 4 1/2"
Polished Brass .. 15/- doz.
C. B. & R. on Brass .. 17/6 "
Bronze Metal Antique 19/3 "



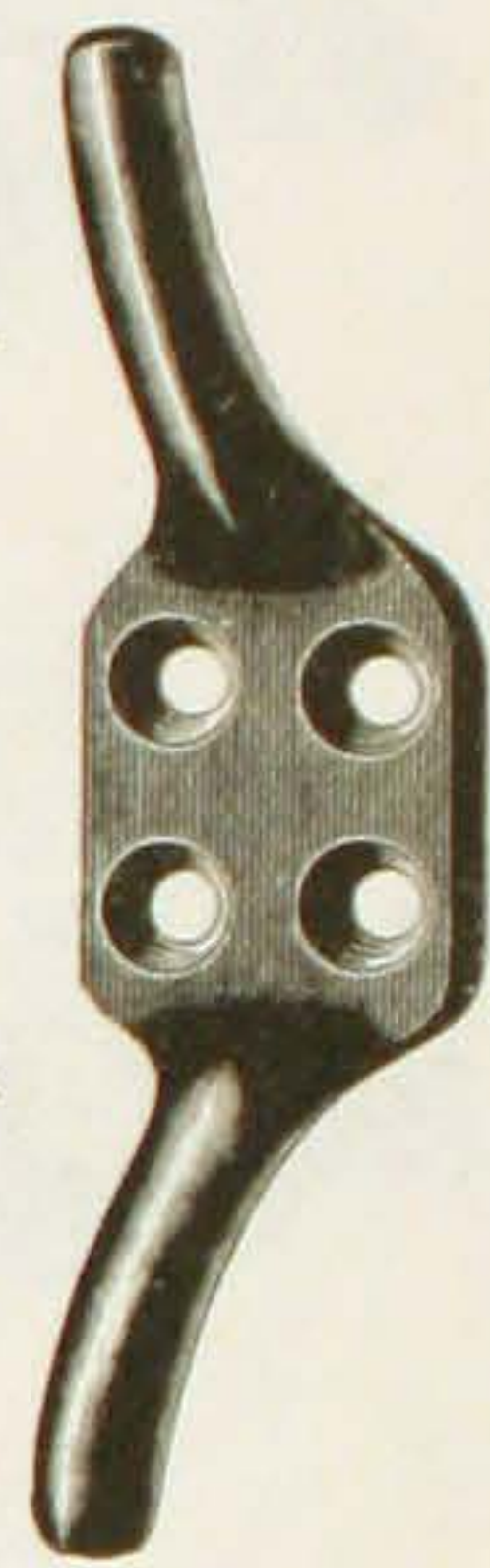
No. PHS 1823
Inside diameter 1 1/2" Length 2 1/2"
Polished Brass .. 14/9 doz.
C. B. & R. on Brass .. 18/6 "
Bronze Metal Antique 20/3 "
Oxidized Silver on
White Metal .. 27/6 "



No. PHS 1899
Size Galv. G.M.
3" 6/8 26/9 doz.
4" 8/4 32/9 "
5" 10/- 38/8 "
6" 12/6 50/8 "
8" 19/3 74/6 "



No. PHS 1913
Mall. Japanned.
2 1/2" .. 2/3
3" .. 2/3
3 1/2" .. 2/9
4" .. 3/3
4 1/2" .. 4/-
5" .. 5/3
6" .. 6/3
7" .. 8/-
8" .. 8/9
9" .. 10/6
10" .. 12/3
Per dozen.
*Indicates stock
sizes in
all finishes.



No. PHS 1913
Galvanized.
2 1/2" .. 2/9
3" .. 2/9
3 1/2" .. 3/3
4" .. 4/6
4 1/2" .. 5/3
5" .. 6/9
6" .. 8/-
7" .. 9/9
8" .. 10/6
9" .. 13/3
10" .. 15/9
per dozen.



No. PHS 1824
Machine Made.
1 1/2" 1 3/4" 2"
Polished Brass .. 1/4 1/10 2/3
C. B. & R. on
Brass .. 1/8 2/2 2/6
Bronze Metal
Antique .. 1/8 2/2 2/6
Oxidized Silver
on Brass .. 2/3 2/9 3/2
per dozen.
No. PHS 1894
Cast Brass.
1 1/2" 1 3/4" 2" 2 1/4"
2/9 3/9 4/2 5/4 dozen.

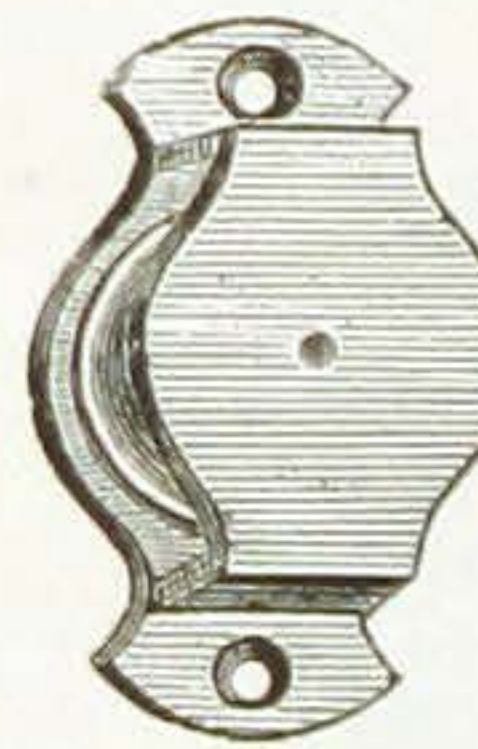


No. PHS 5772
Oxidized
Silver
on White
Metal.
Size. Polished
Brass. C.B.&R. on
Metal. Bronze
Antique
3" 5/3 6/8 8/- 13/3
3 1/2" 7/4 9/3 10/6 17/6
4" 12/8 15/9 17/6 31/6
5" 21/- 26/3 29/- 52/6
6" 28/- 35/- 42/- 68/3
Per dozen.



No. PHS 6499
Galvanized Clothes
Line Pulley with
Hook.
Size 1 1/2" 5/6 dozen.
" 1 3/4" 6/6 "
" 2" 10/9 "
" 2 1/2" 12/9 "
" 3" 14/9 "

Iron Side
Pulleys,
Japanned



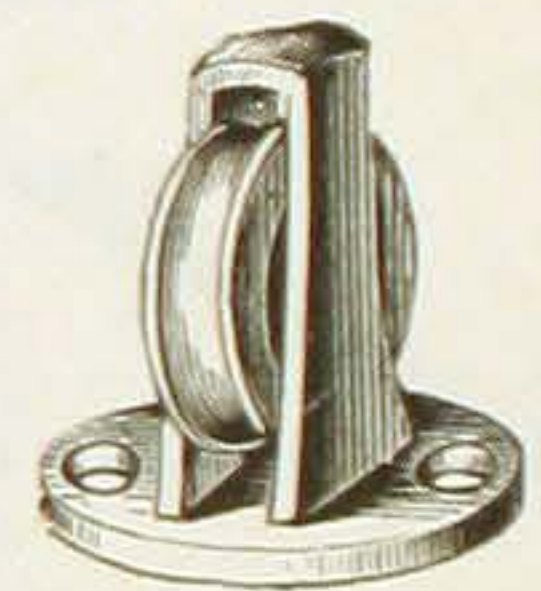
No. PHS 6377
Iron Brass
Size. Bowl. Bowl.
2 1/2" 2/2 5/6 doz.
3" 2/3 6/- "
4" 2/4 6/6 "
5" 2/8 7/6 "
6" 3/2 9/6 "
7" 4/- 12/8 "
8" 4/9 16/8 "
9" 6/6 20/6 "
10" 8/- 24/6 "
11" 11/- 32/6 "

Brass Side Pulleys



No. PHS 1832
Plate. Wheel. Single. Double.
1 1/2" 8/4 13/3 doz.
1 3/4" 8/10 14/5 "
2" 10/- 16/8 "
2 1/4" 11/- 18/10 "
2 1/2" 12/2 21/- "
3" 15/6 26/6 "
3 1/2" 17/6 31/10 "
4" 20/6 37/6 "

Iron Upright Pulleys,
Japanned



No. PHS 6379 Across Plate.
No. PHS 6380 Along Plate.
Prices as under.
Diameter Single. Double.
of Bowl. Iron. Brass. Iron. Brass.
1 1/2" 2/2 6/- 4/3 11/9 doz.
1 3/4" 2/4 6/4 4/9 12/8 "
2" 2/8 7/6 5/3 15/- "
2 1/4" 3/2 9/6 6/3 18/9 "
2 1/2" 4/- 12/6 8/- 25/3 "
3" 4/9 16/8 9/6 33/- "
3 1/2" 5/10 20/6 11/9 41/- "
4" 7/2 24/6 14/2 47/3 "
4 1/2" 9/6 32/4 18/10 63/- "
5" 14/2 - - - "
6" 20/6 - - - "
7" 26/9 - - - "

Iron Screw Pulleys, Japanned



Single.
No. PHS 6370
Size. Price.
1 1/2" 2/6 dozen.
1 3/4" 2/10 "
2" 4/- "
2 1/2" 5/6 "



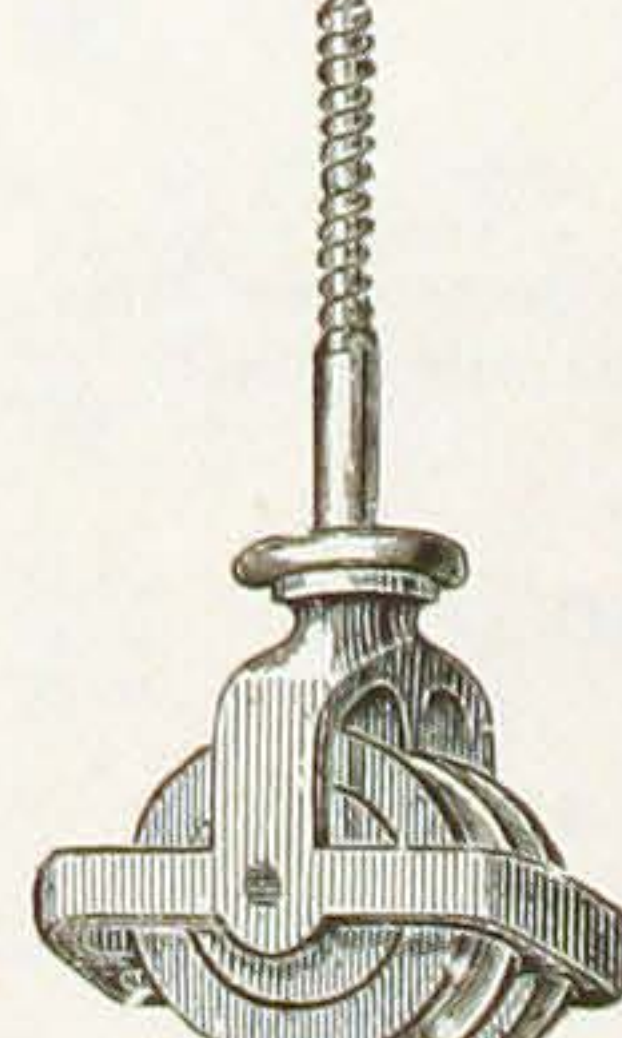
Double.
No. PHS 6371
Size. Price.
1 1/2" 2/3 dozen.
1 3/4" 2/4 "



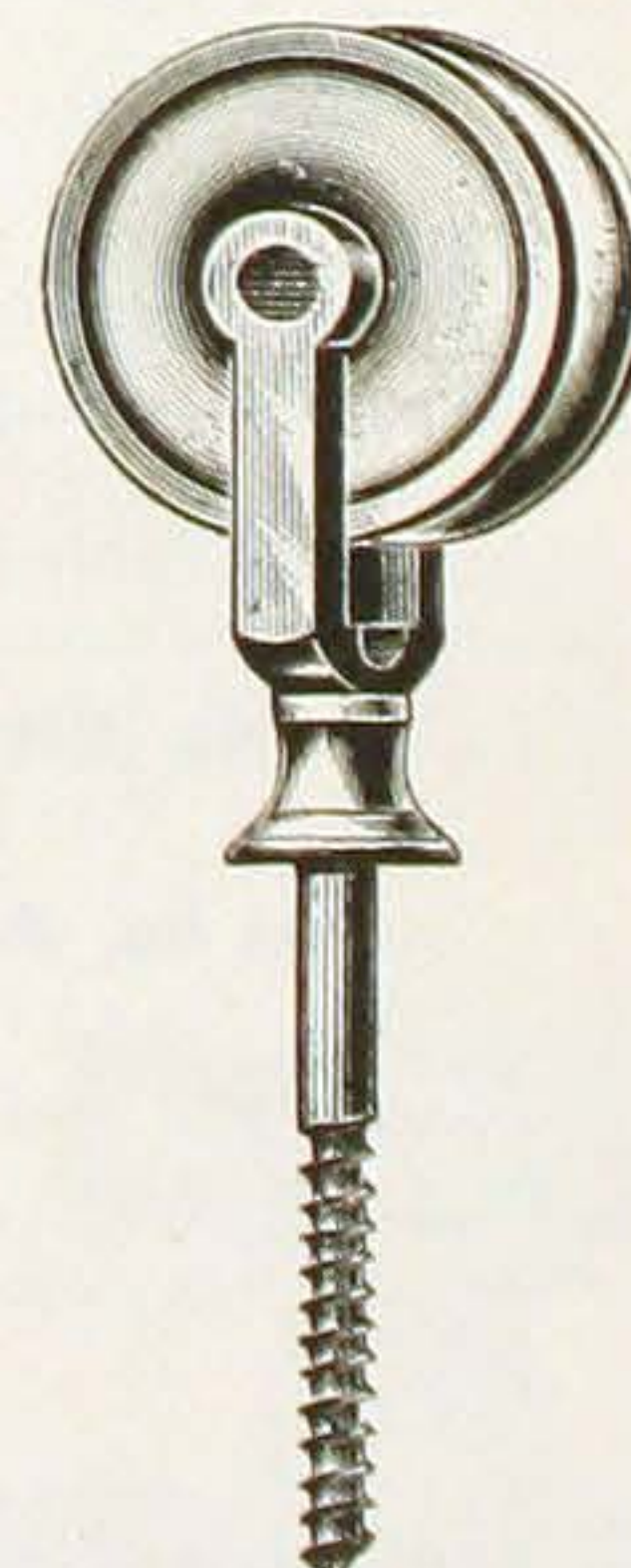
Single End Guard.
No. PHS 6372
Size. Price.
1" 3/4 dozen.
1 1/2" 4/2 "
1 3/4" 4/10 "
1 1/2" 5/8 "
2" 6/3 "
2 1/2" 7/6 "
2 1/2" 8/10 "
3" 11/10 "



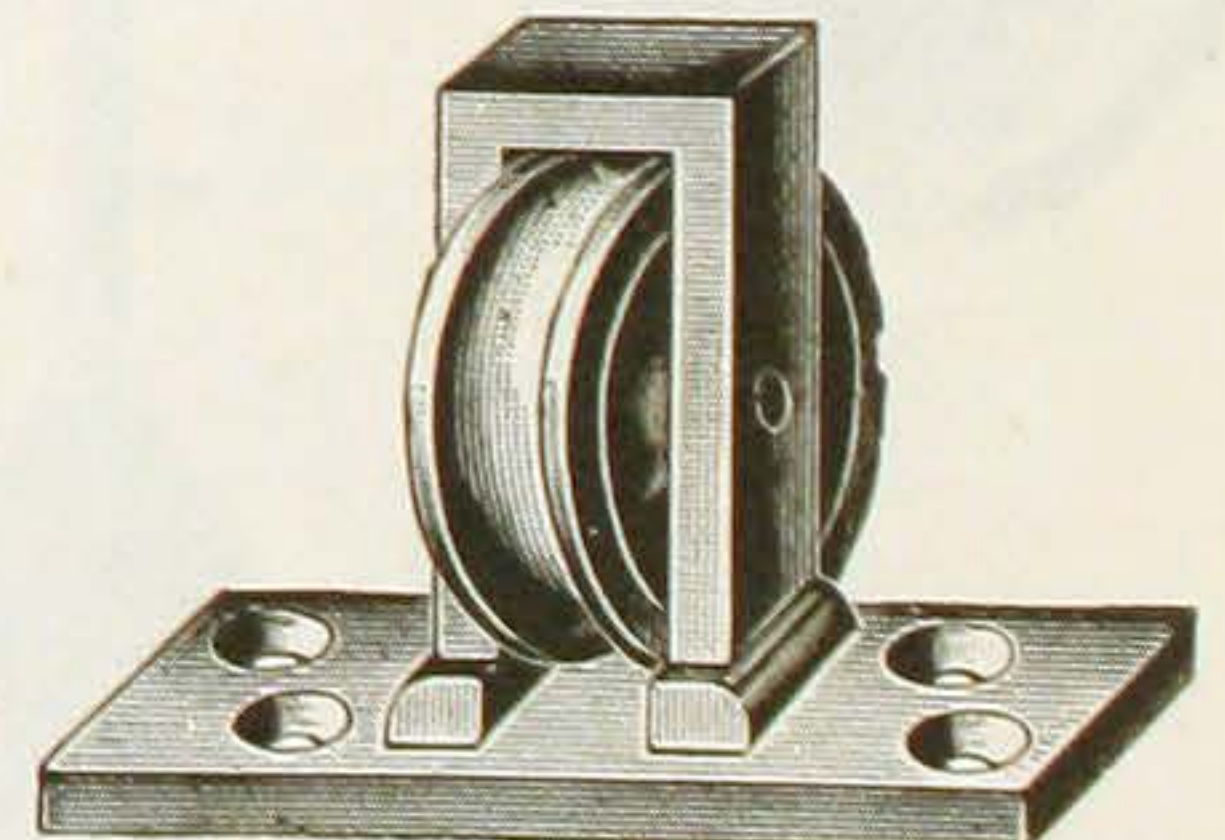
Single Side Guard.
No. PHS 6373
Size. Price.
1" 3/4 dozen.
1 1/2" 4/3 "
1 3/4" 4/10 "
1 1/2" 5/6 "
2" 6/3 "
2 1/2" 7/6 "
2 1/2" 9/- "
3" 11/10 "



Double Full Guard.
No. PHS 6376
Size. Price.
1" 6/9 dozen.
1 1/2" 8/3 "
1 3/4" 9/8 "
1 1/2" 11/3 "
2" 13/6 "
2 1/2" 14/10 "
2 1/2" 18/- "
3" 23/9 "



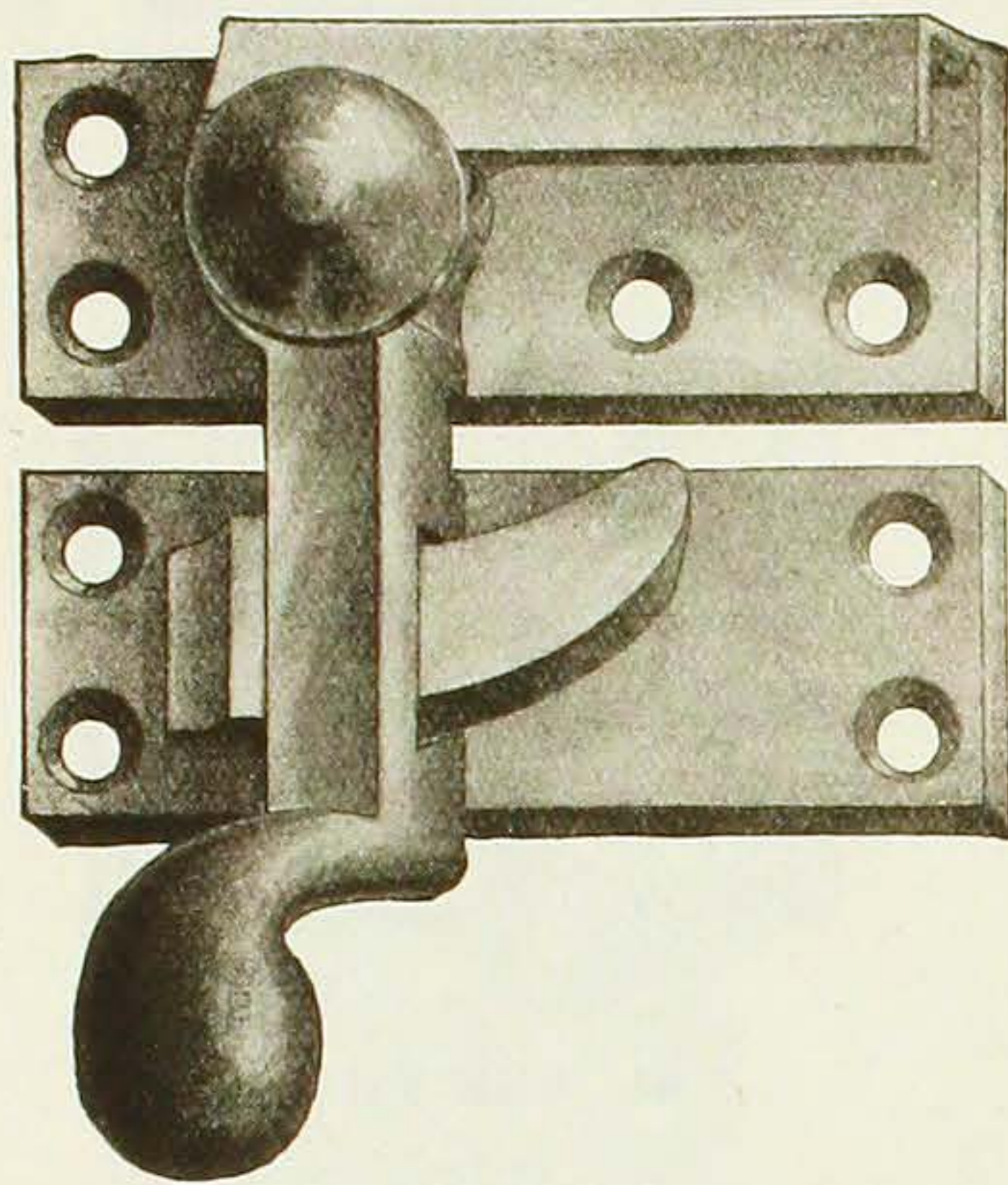
No. PHS 1831
Size. Single. Double.
1 1/2" 6/2 10/- dozen.
1 3/4" 7/2 12/2 "
2" 8/4 14/6 "
2 1/2" 9/4 16/8 "
3" 10/6 18/9 "
3 1/2" 13/9 25/4 "
4" 17/8 30/10 "
4 1/2" 24/3 46/3 "
5" 30/10 58/4 "



No. PHS 1830
Size. Single. Double.
1 1/2" 8/9 14/3 dozen.
1 3/4" 10/6 17/8 "
2" 12/2 21/- "
2 1/2" 15/4 28/9 "
3" 17/8 33/- "
3 1/2" 22/- 42/- "
4" 27/6 52/4 "

Best Sash Fasteners

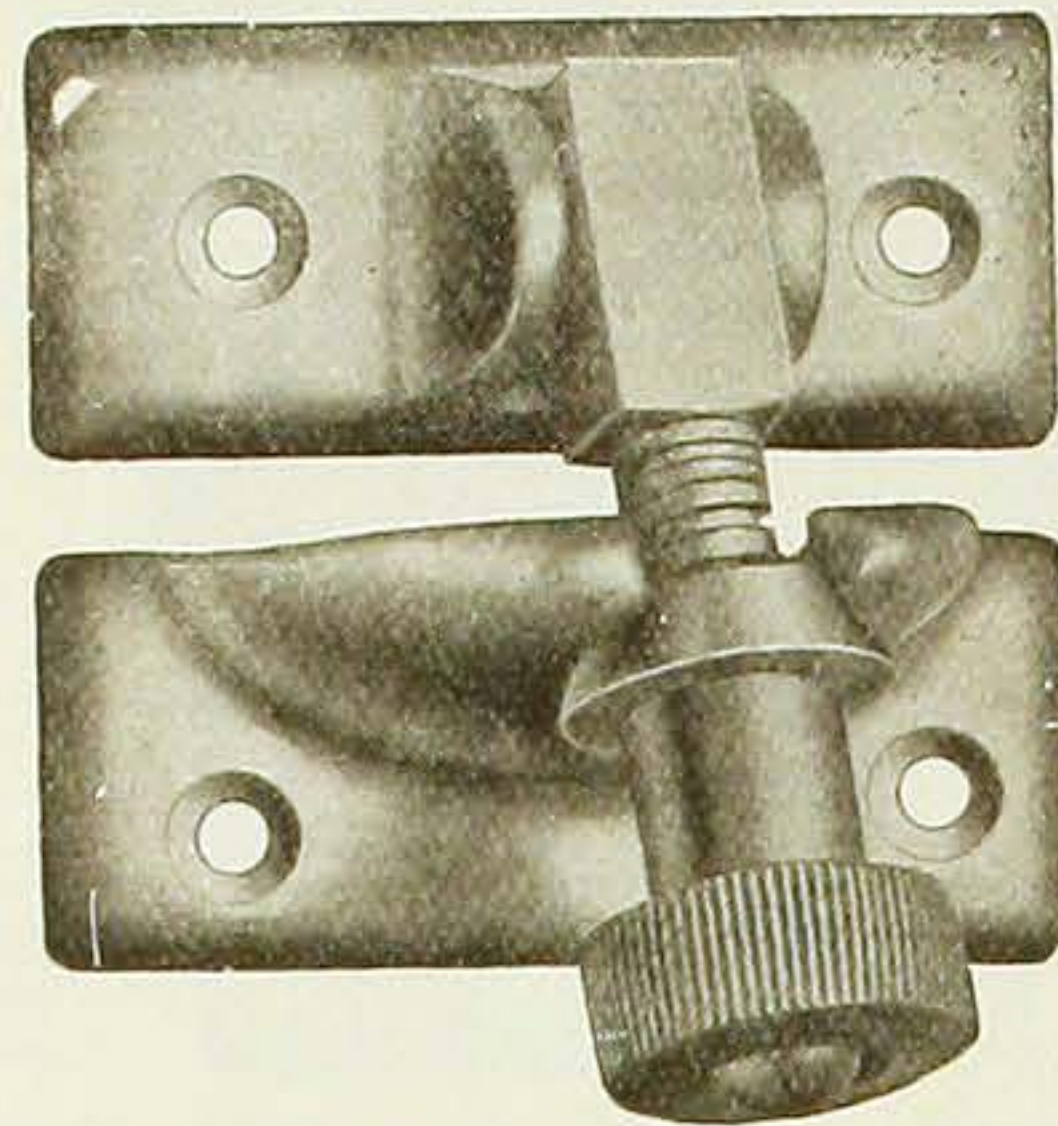
*Stocked only in Brass and B.M.A.
**Stocked only in Brass.



No. PHS*5834 3"

Knob and Arm cast in one piece.

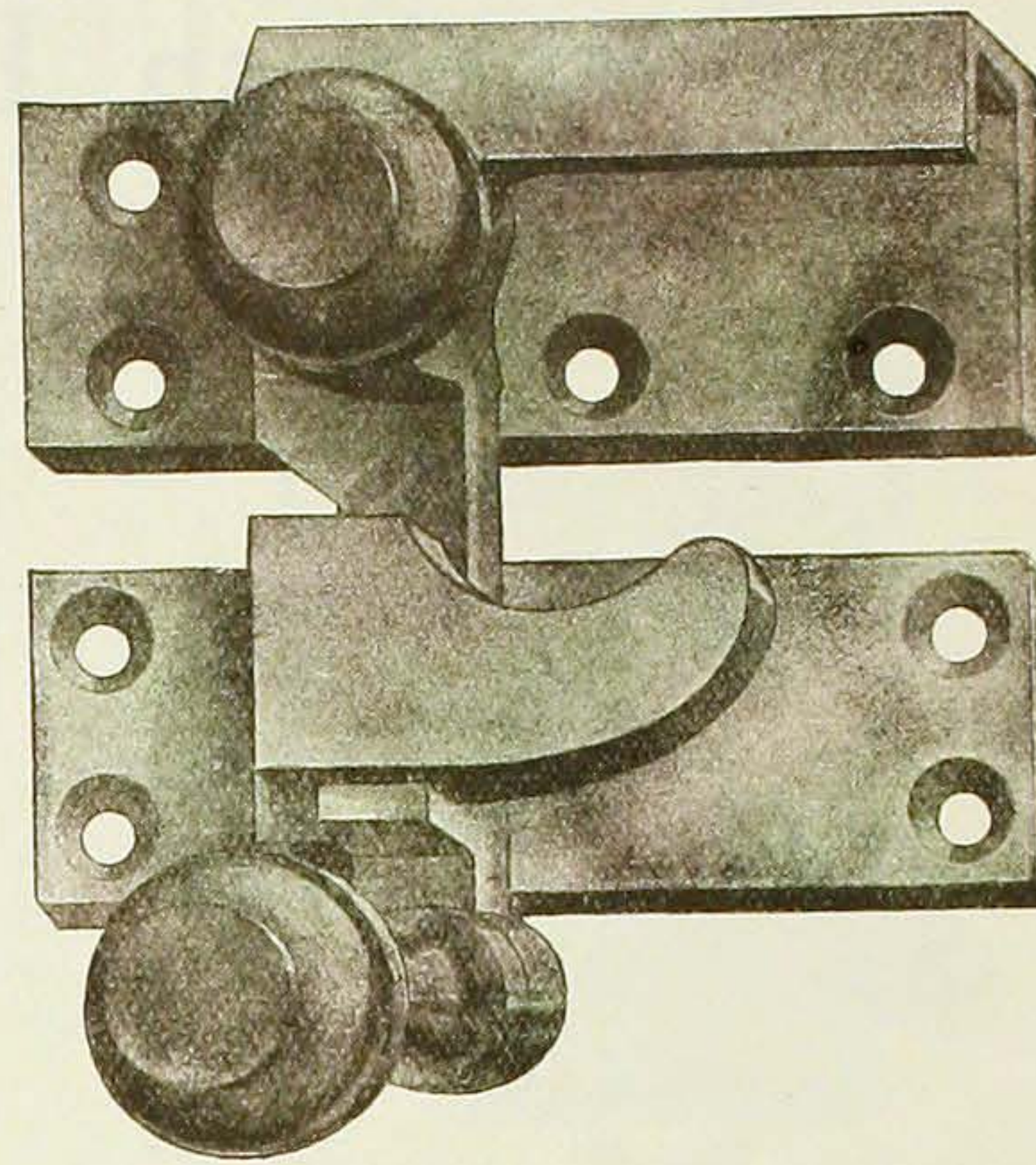
	doz.	each.
Brass	36/9	3/3
C. B. & R. on Brass	42/-	3/8
Bronze Metal Antique	43/9	3/10
Ox. Sil. on White Metal	56/-	5/-



No. PHS*1473

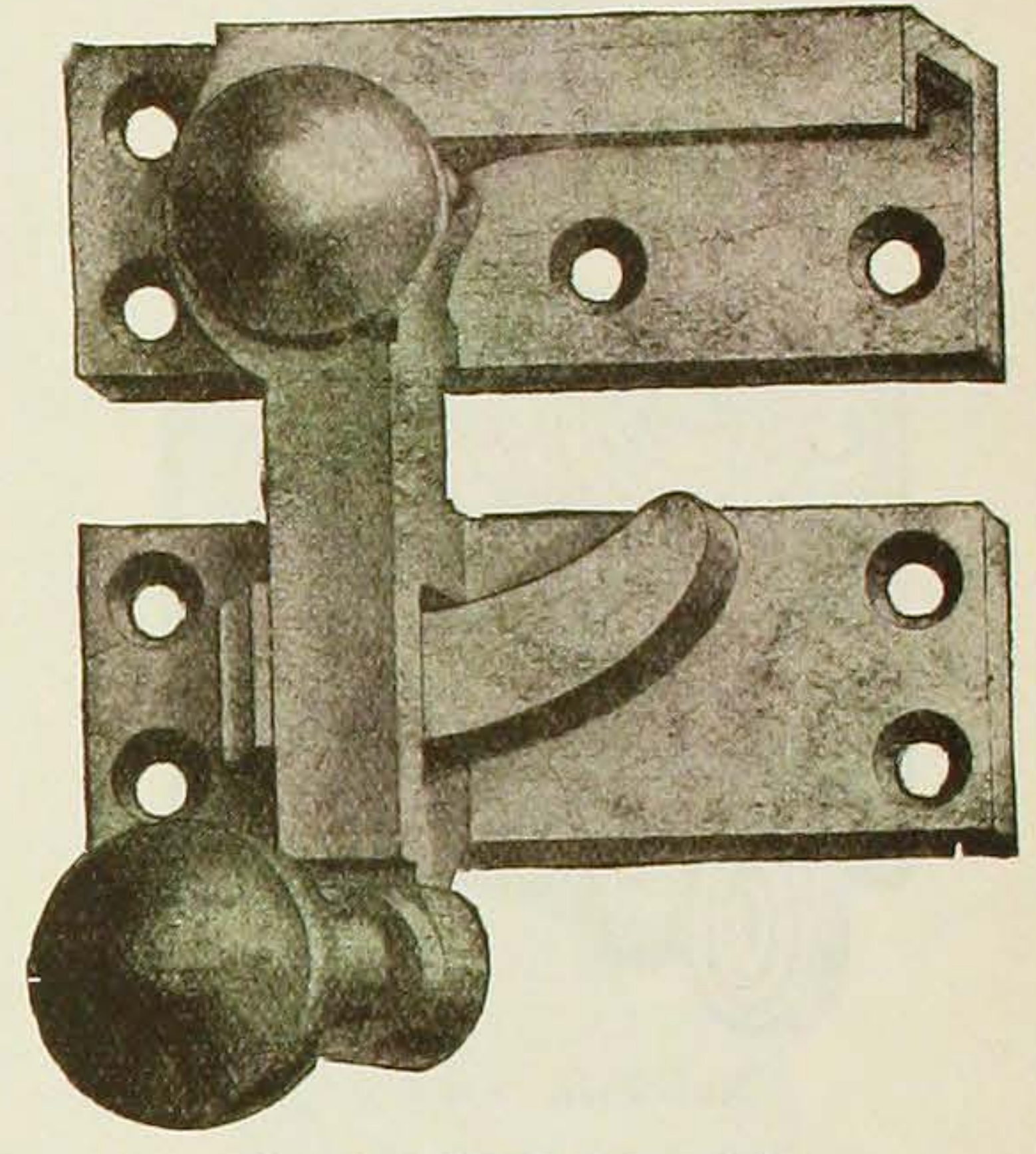
"New Brighton"

	doz.	each.
Polished Brass	29/-	2/6
Bronze Metal	32/6	2/9
Bronze Metal Ant.	36/9	3/2



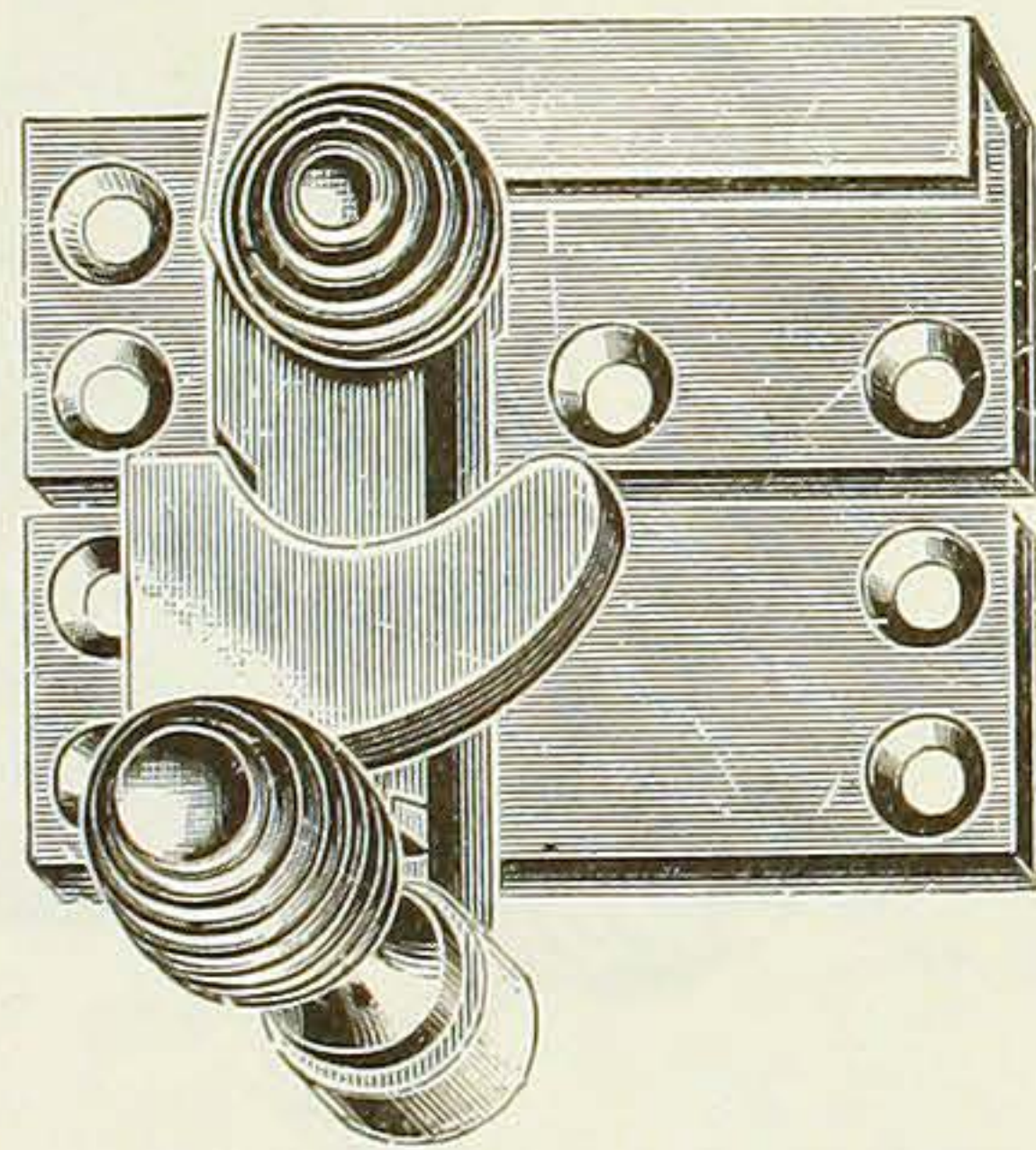
No. PHS*5832 3 1/4"

	doz.	each.
Polished Brass	52/6	4/6
C. B. & R. on Brass	57/-	5/-
Bronze Metal Ant.	67/6	5/9
Ox. Sil. on Brass	70/-	6/-



No. PHS*5833 3"

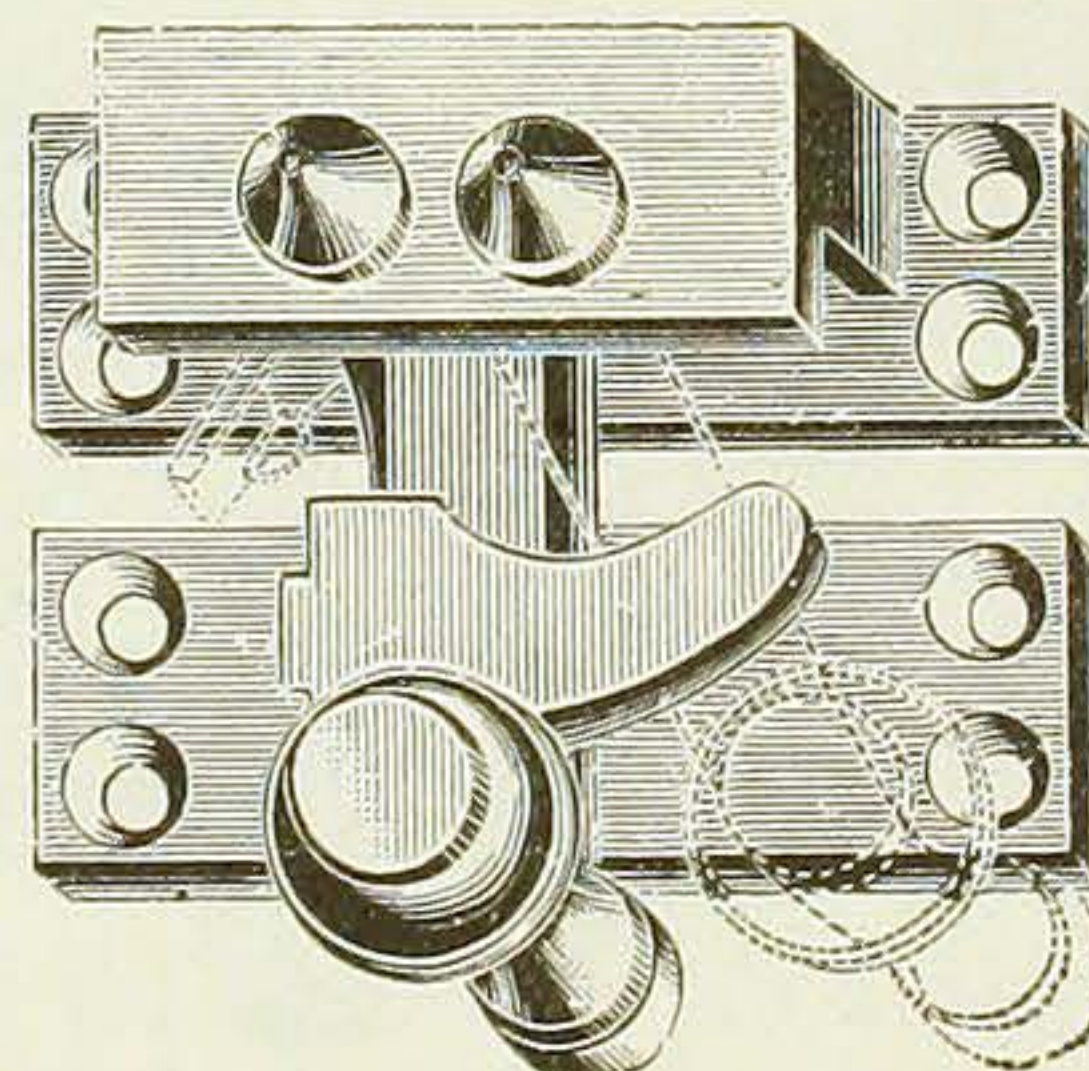
	doz.	each.
Polished Brass	40/3	3/6
C. B. & R. on Brass	43/9	3/9
Bronze Metal Antique	51/9	4/6
Ox. Sil. on Brass	56/-	4/10



No. PHS*1485

Extra strong, best finish, steel protected guard arm.

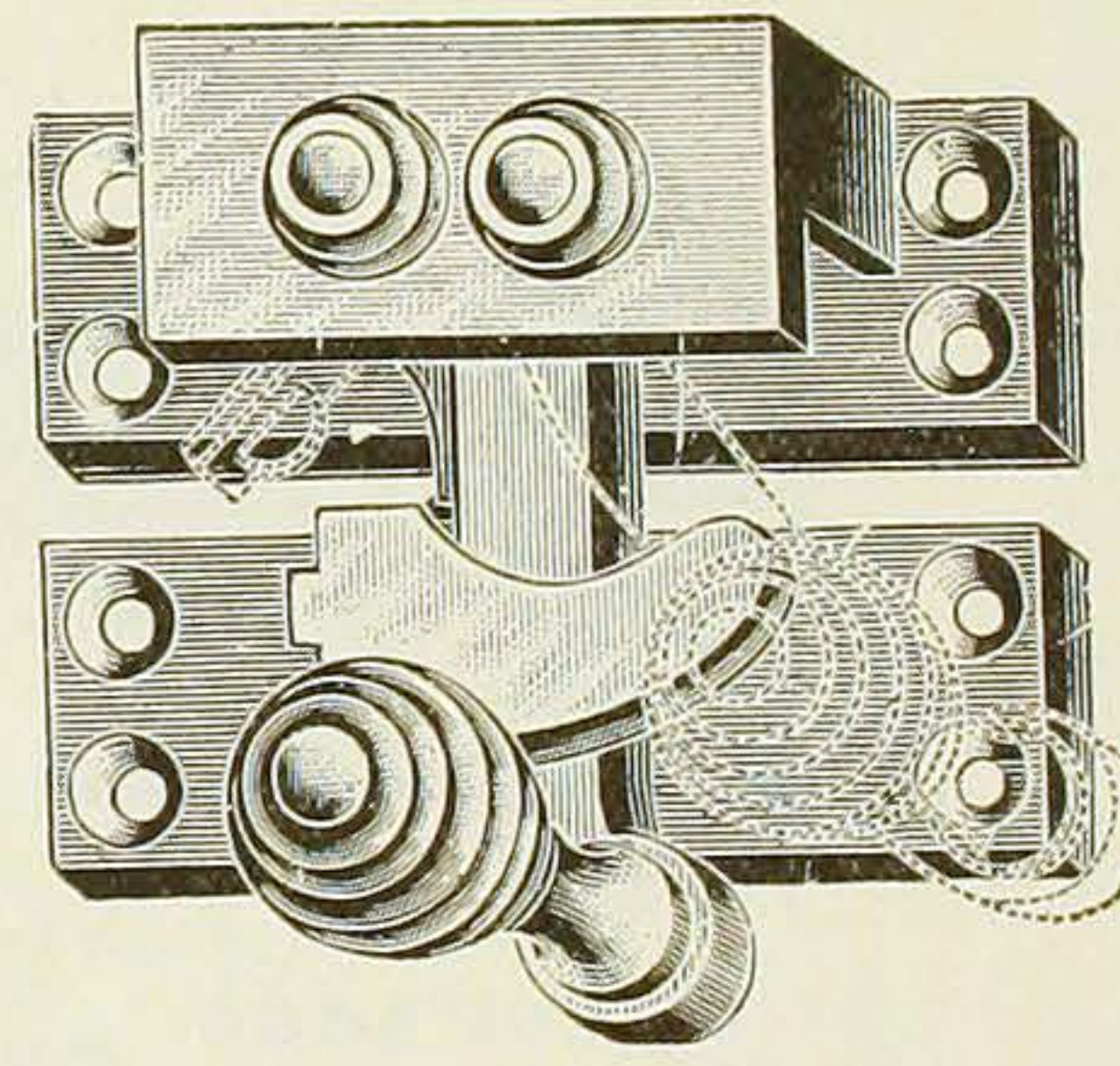
	doz.	each.	doz.	each.
Brass	52/6	4/6	65/9	5/8
C. B. & R. on Brass	57/-	5/-	70/6	6/-
Bronze Metal Antique	67/6	5/10	83/6	7/2
Ox. Silver on Brass	70/-	6/-	84/-	7/3



No. PHS*1460

Size 3"

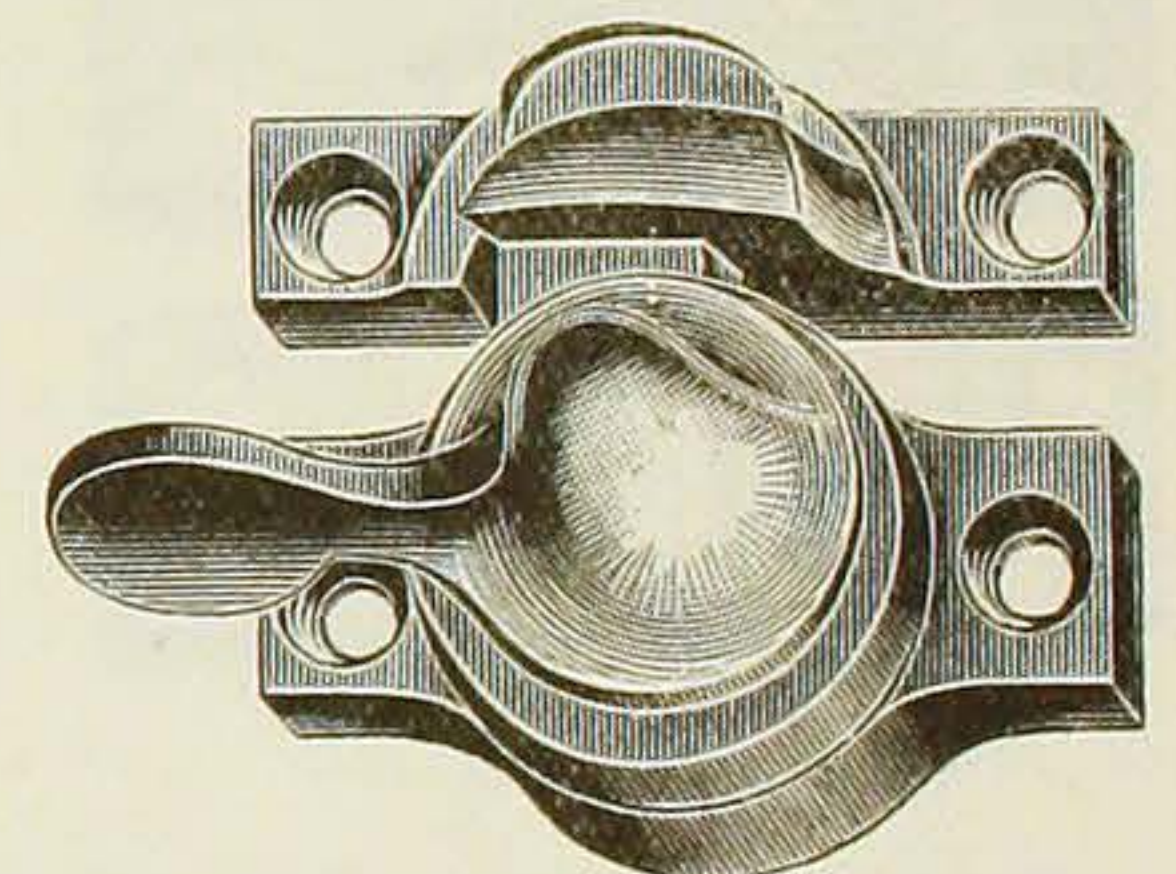
	doz.	each.
Polished Brass	40/3	3/6
C. B. & R. on Brass	44/3	3/10
Bronze Metal Antique	61/3	5/3



No. PHS*1464

Size 3 1/4"

	doz.	each.
Polished Brass	94/6	8/-
C. B. & R. on Brass	99/9	8/6
Bronze Metal Antique	118/2	10/-

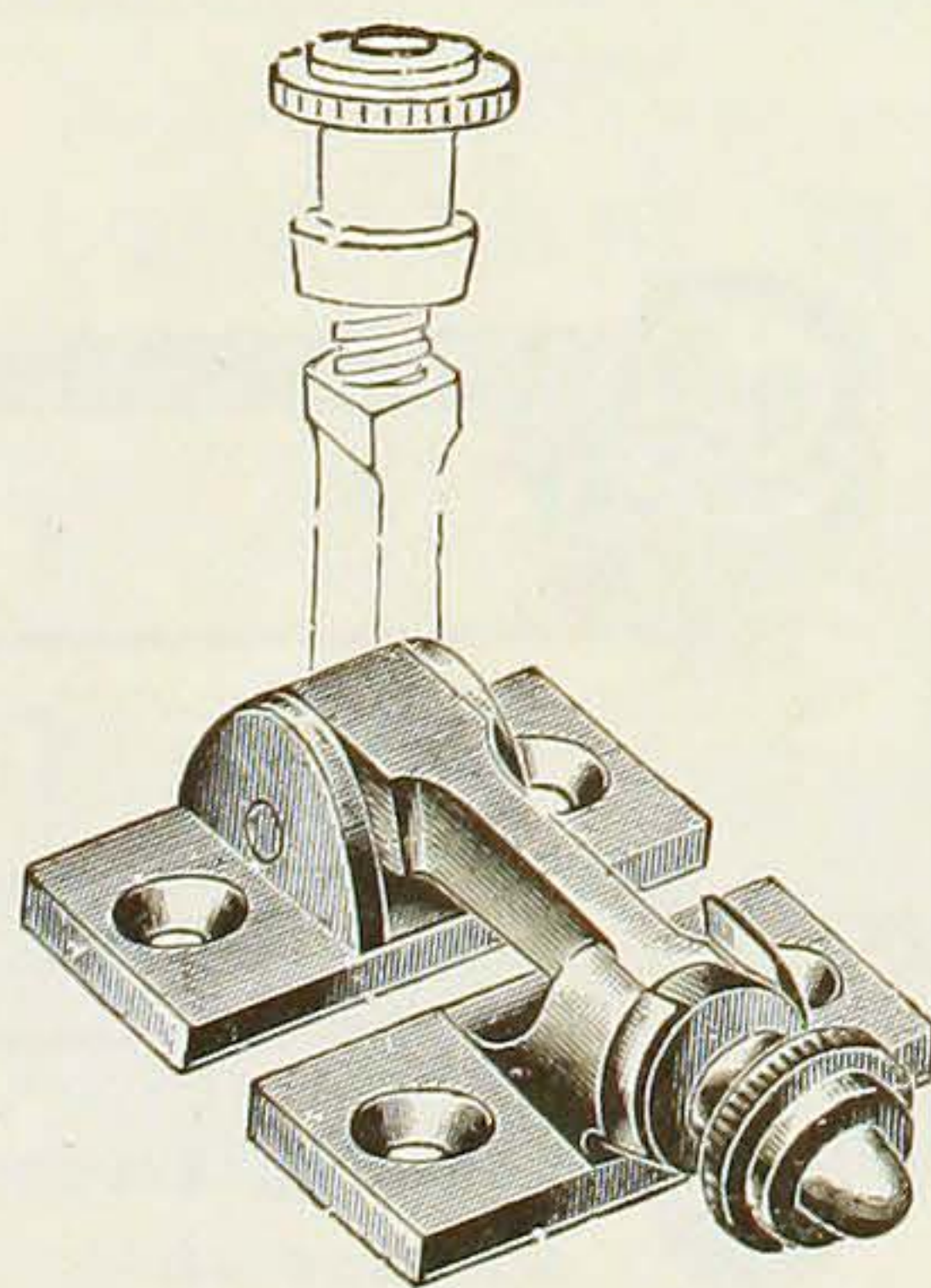


IVES' PATTERN.

No. PHQ 1481

Size 2 1/2"

	doz.	each.
Bronzed Iron	8/-	10d.
Polished Brass	21/-	1/11
Polished Gun Metal	22/9	2/-

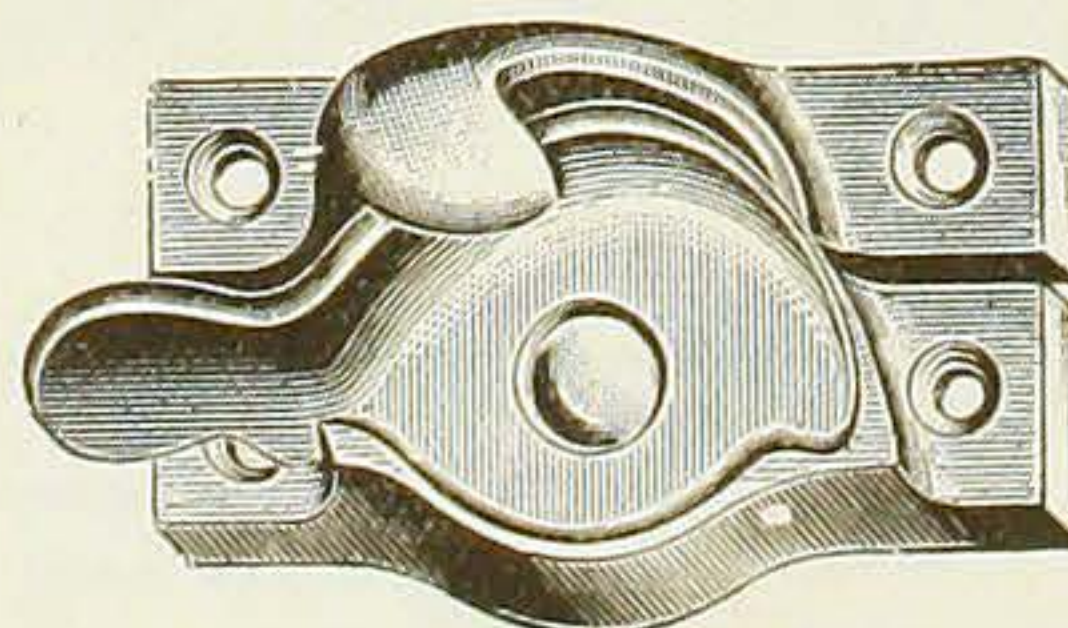


No. PHS*1472 Size 2 1/2"

Brighton Pattern.

	doz.	each.
Polished Brass	24/-	2/2
C. B. & B. on Brass	28/6	2/6
Bronze Metal Antique	31/-	2/9
Ox. Silver on Brass	42/-	3/8

FITCH PATTERN.



No. PHS**1479 Size 2 1/2"

No. PHS**1480 Size 2 3/4"

No. PHS**1488 Special Line, 2 5/8"

No.	1479		1480		1488	
	doz.	each.	doz.	each.	doz.	each.
Polished Brass	17/2	1/7	18/-	1/8	10/8	1/-
C.B.&R. on Brass	20/8	1/10	21/6	1/11	11/10	1/2
Bronze Metal Antique	24/2	2/2	25/6	2/3	12/-	1/3
Ox. Silver on Brass	30/9	2/8	31/6	2/9	—	—

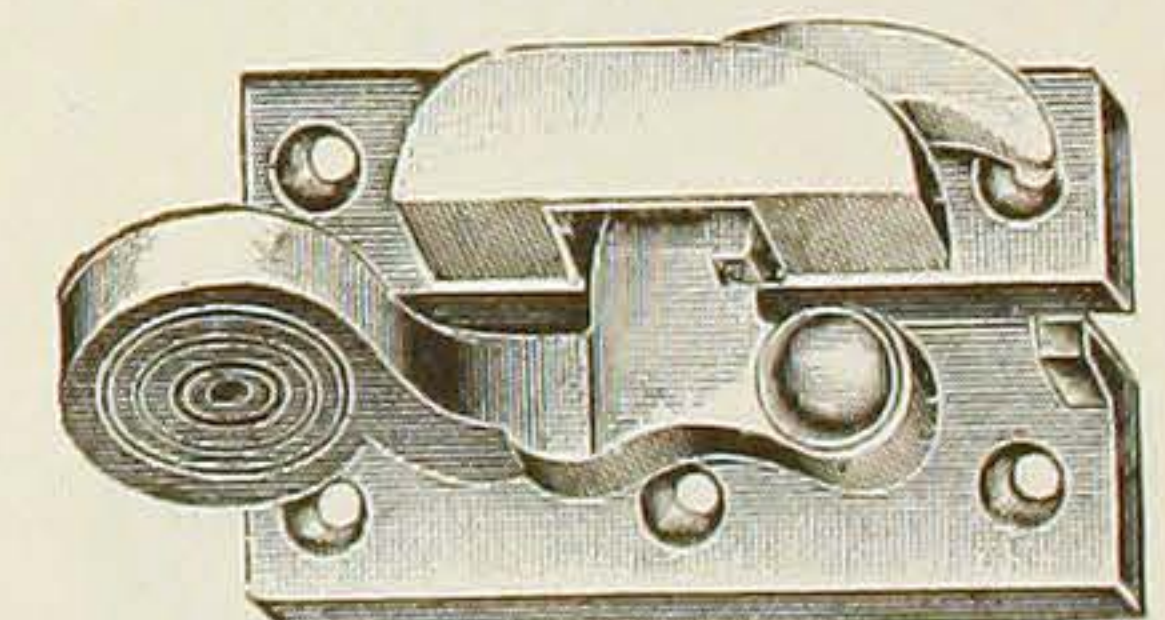
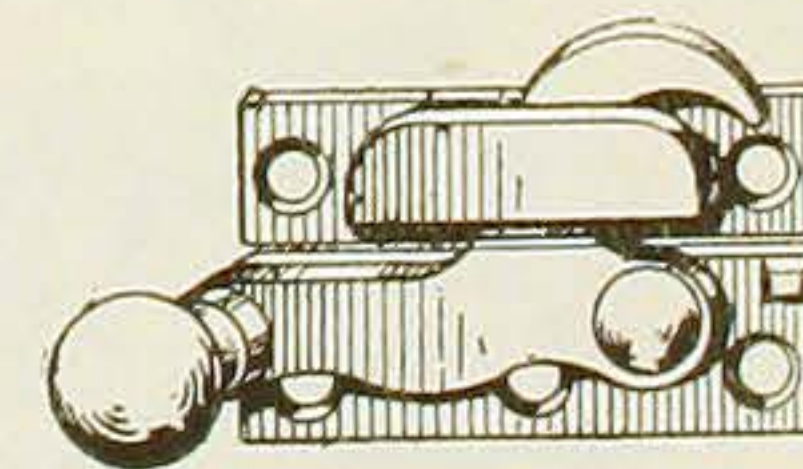
No. PHS 9309

Iron. Size 2 5/8"

	dozen.	each.
Berlin Black	2/4	3d.
C. B. & R. on Iron	3/7	4d.
Electro Brass on Iron	3/5	4d.

Only stocked in Electro Brass on Iron.

IMPROVED CLAW PATTERN SASH FASTENER.
Strong, Secure, Springless. Adjusts Sash. Prevents Rattling.



With Ball Knob. With Flat Thumb Handle as illustrated
State which is desired when ordering.

Prices with Ball Knob.

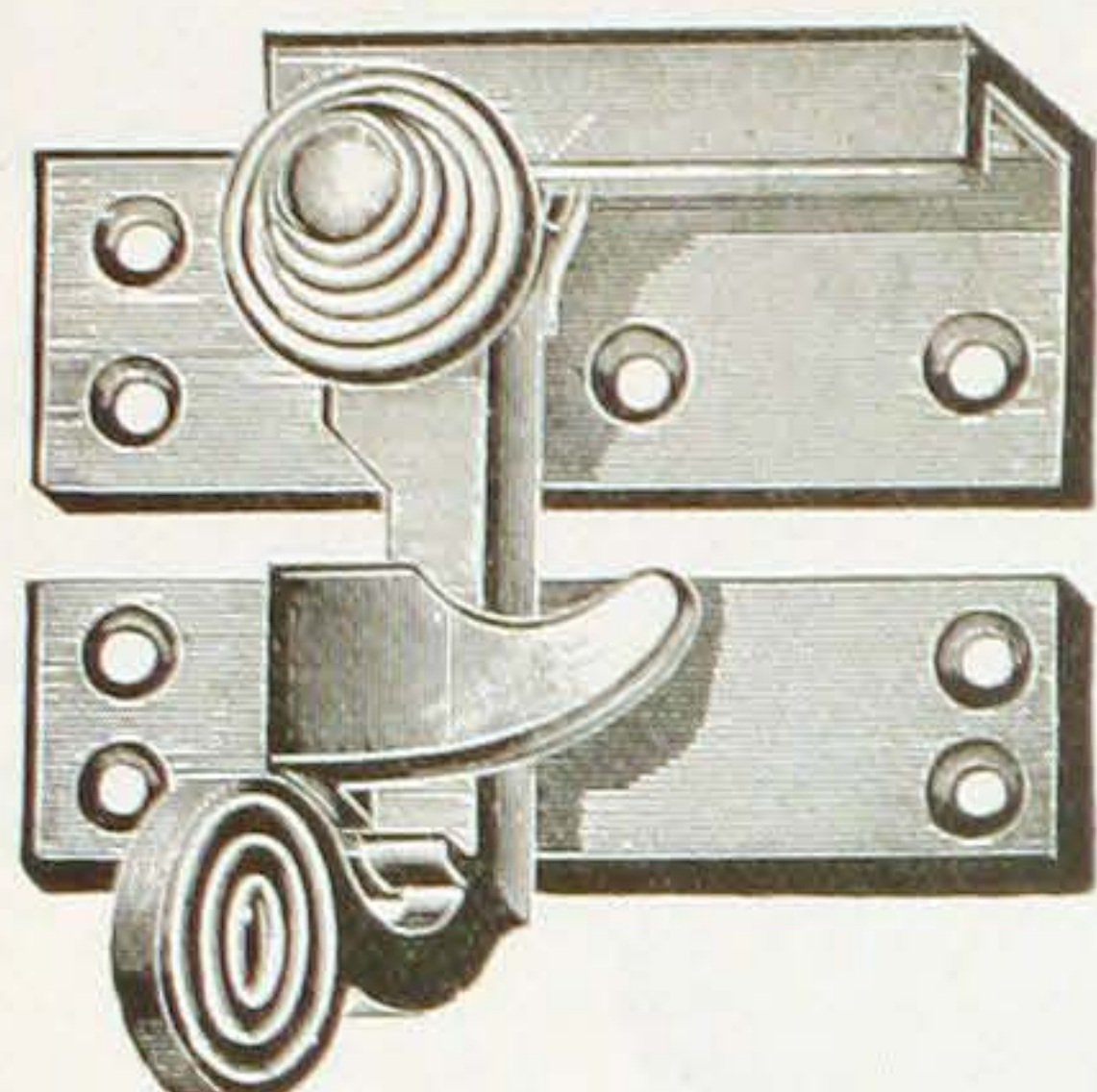
Prices with Bar Knob.									
		Polished		C. B. & R. on		B.M.A.		Ox. Sil. on	
		Brass.		Brass.				White Metal	
PHS**	Size.	doz.	each.	doz.	each.	doz.	each.	doz.	each.
1466	2 1/4"	16/3	1/6	19/9	1/9	21/6	1/11	30/9	2/9
1467	2 1/2"	20/3	1/10	23/9	2/2	26/9	2/4	36/-	3/2
1465	2 3/4"	24/6	2/2	28/-	2/6	32/10	2/11	42/-	3/8
1468	3"	30/3	2/9	33/9	3/-	40/3	3/6	49/-	4/3

Extra Strong. Prices with Flat Handle.

	1466	1467	1465	1468
Size.	2 1/4"	2 1/2"	2 3/4"	3"
15/-	18/6	22/-	26/3	31/6
1/4	1/8	1/11	2/3	2/9
18/6	24/6	30/3	37/3	46/10
1/8	2/2	2/7	3/3	4/-
22/-	34/3	40/3	46/10	4/-
2/9	3/5	4/10	4/-	4/-

Best Sash Fasteners

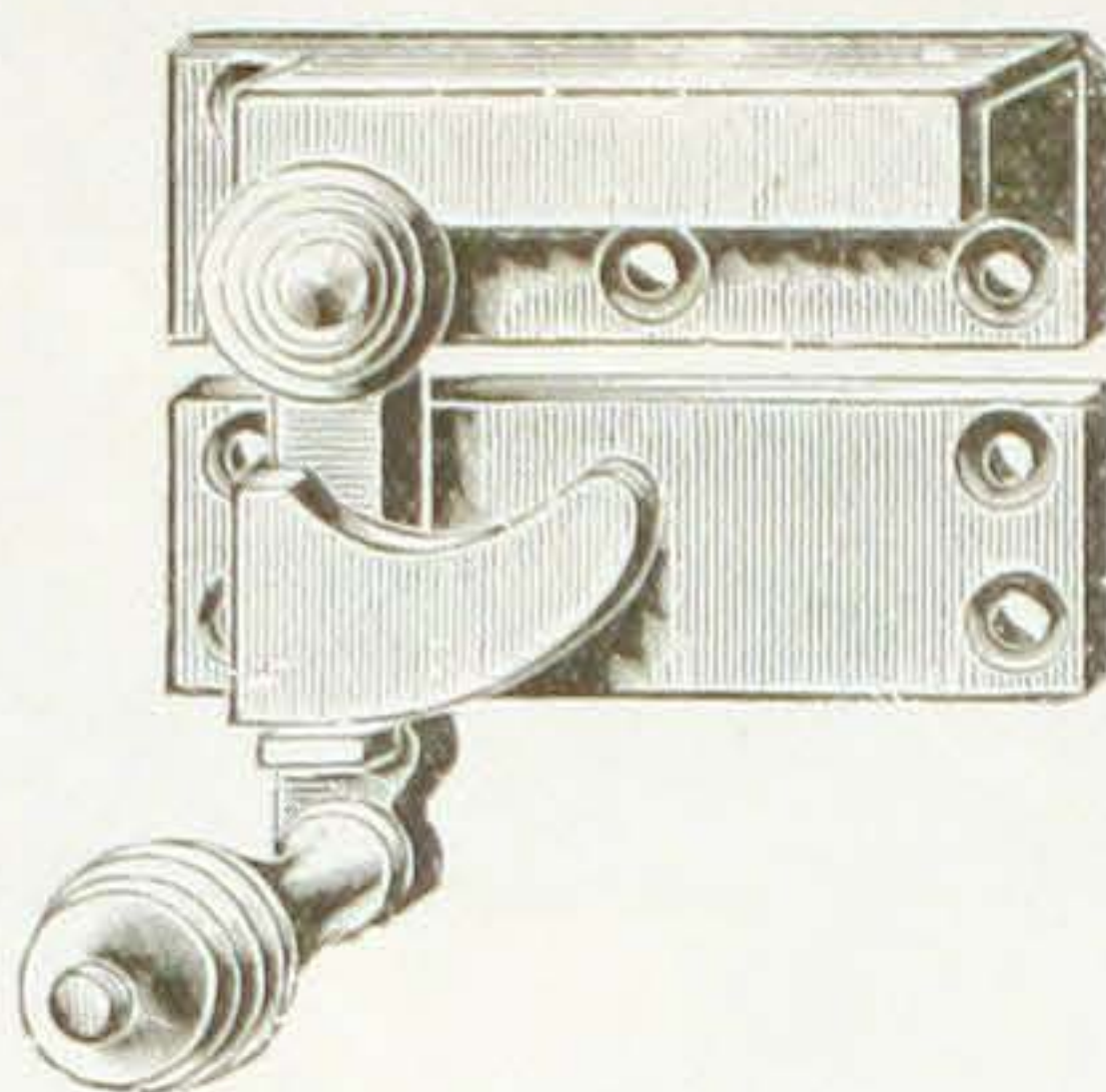
*Stocked only in
Brass and B.M.A.



No. PHS*1443

Size 2 3/4"

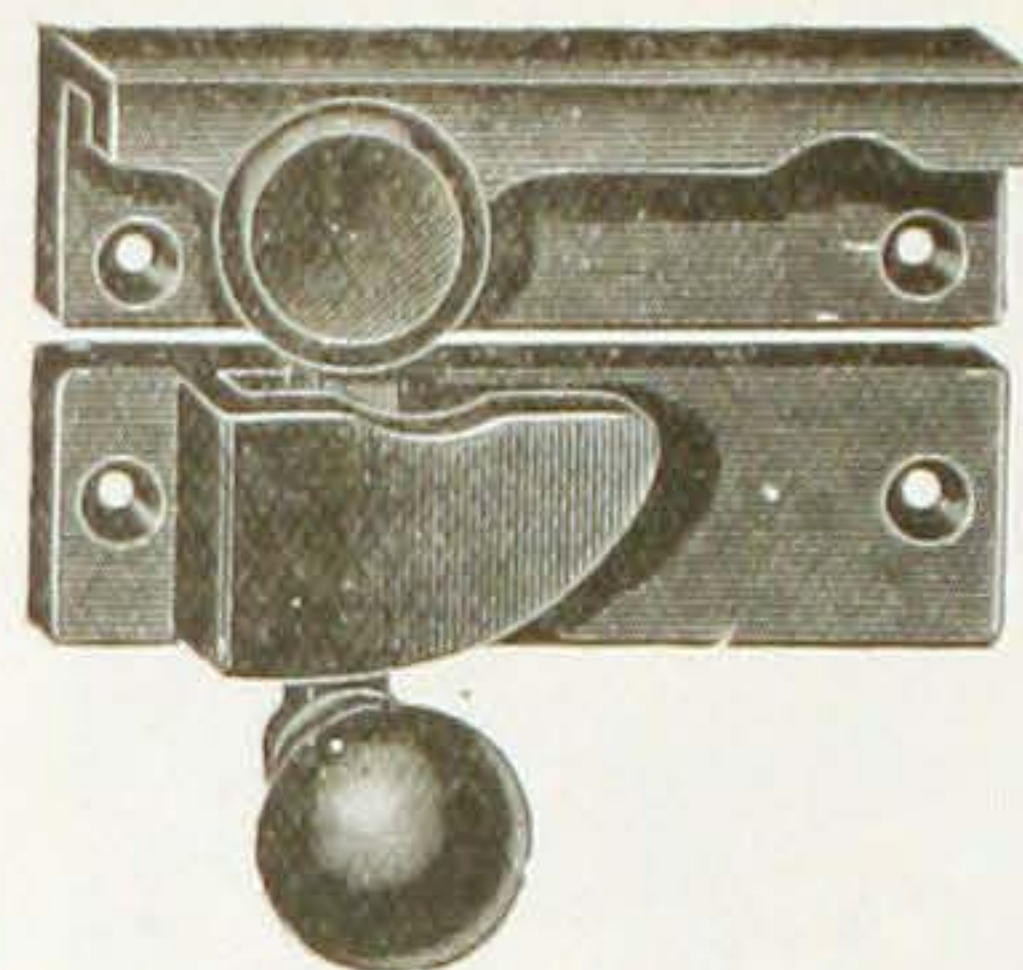
	dozen.	each.
Brass ...	14/-	1/3
C. B. & R. on Brass...	17/6	1/7
B.M.A. on Brass ...	17/6	1/7



No. PHS*1444

Size 2 3/4"

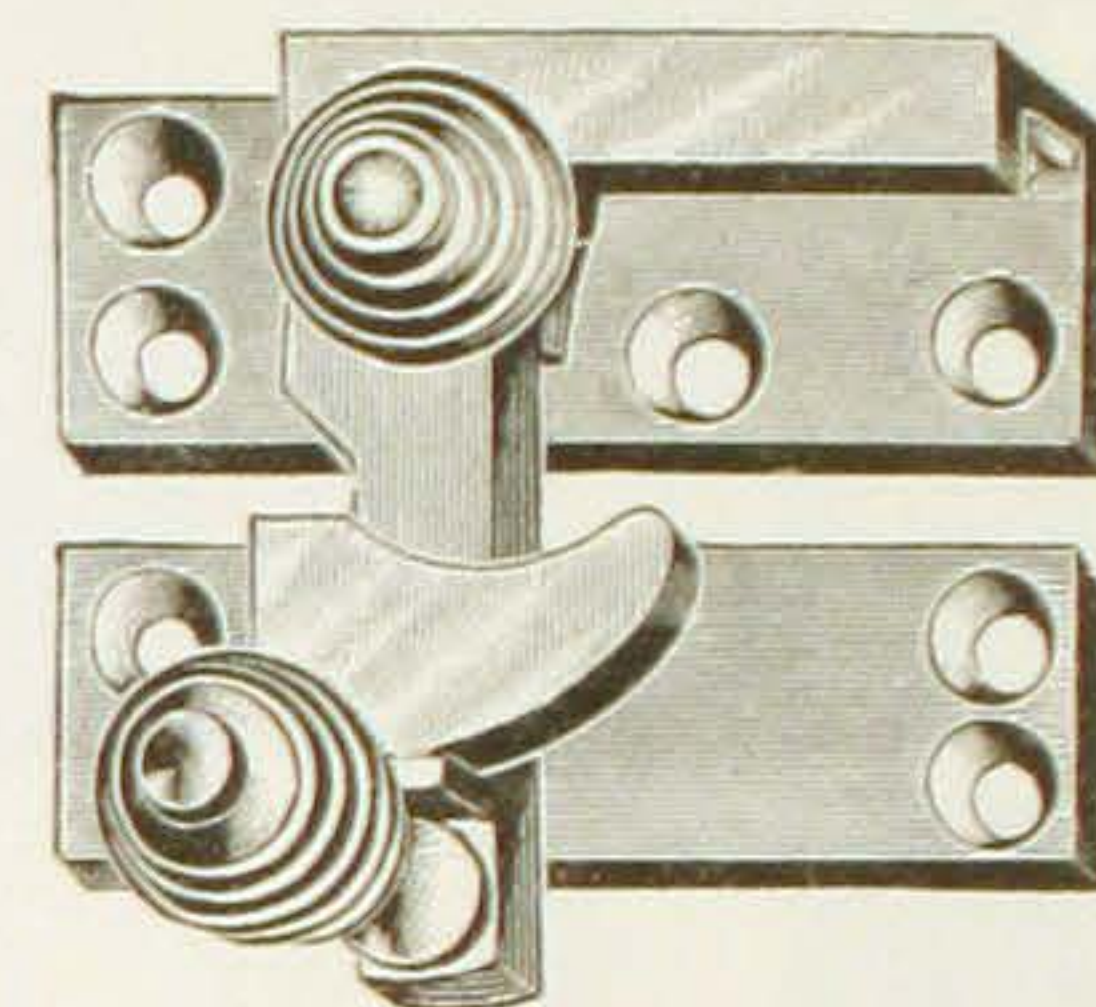
	dozen.	each.
Brass ...	10/6	1/-
C. B. & R. on Brass ...	15/9	1/5
B.M.A. on Brass ...	15/9	1/5



No. PHS 1440

Size 2 3/4"

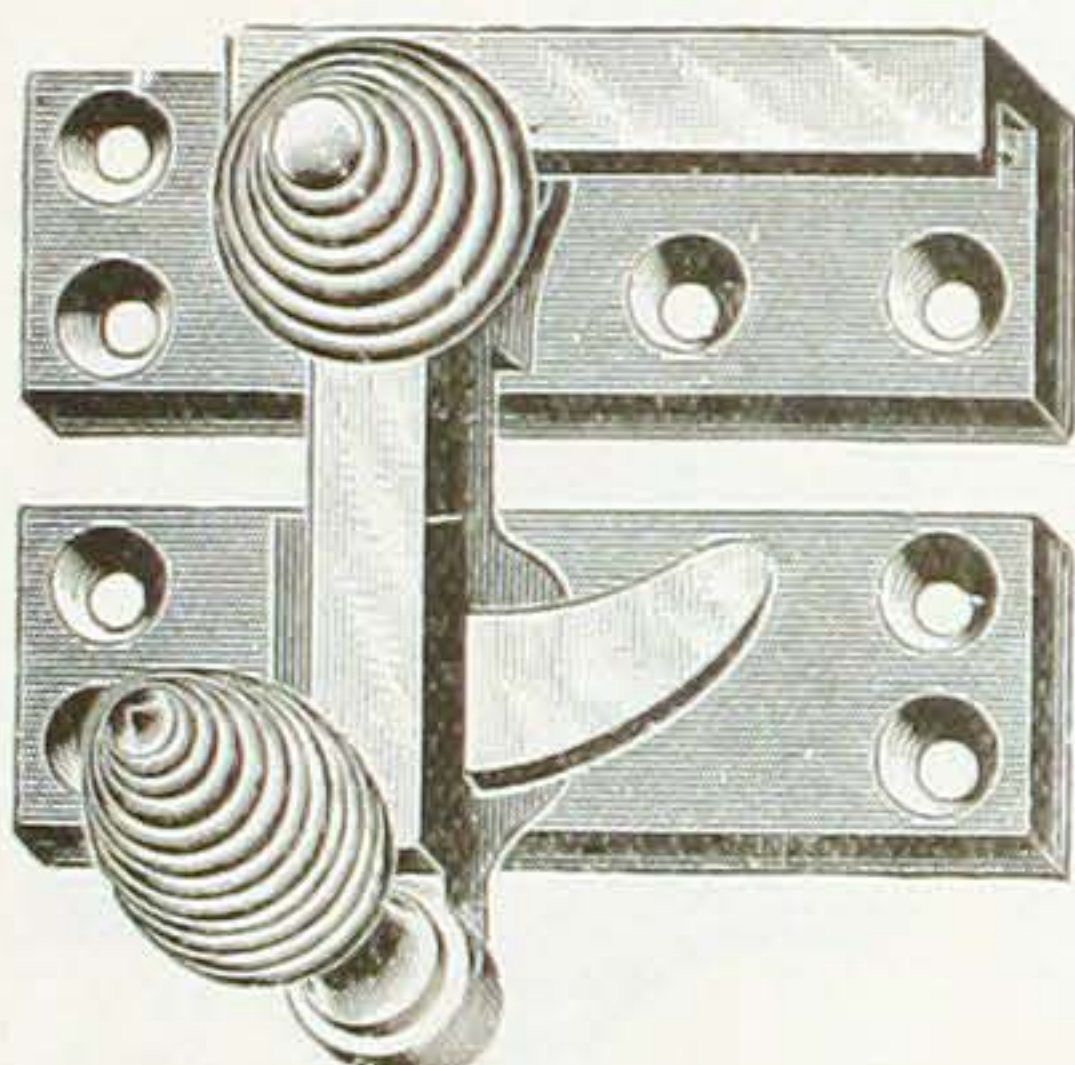
	dozen.	each.
Bronzed Iron ...	6/-	7d.
Electro Bronzed Iron	7/6	8d.



No. PHS*1446

Size 2 3/4"

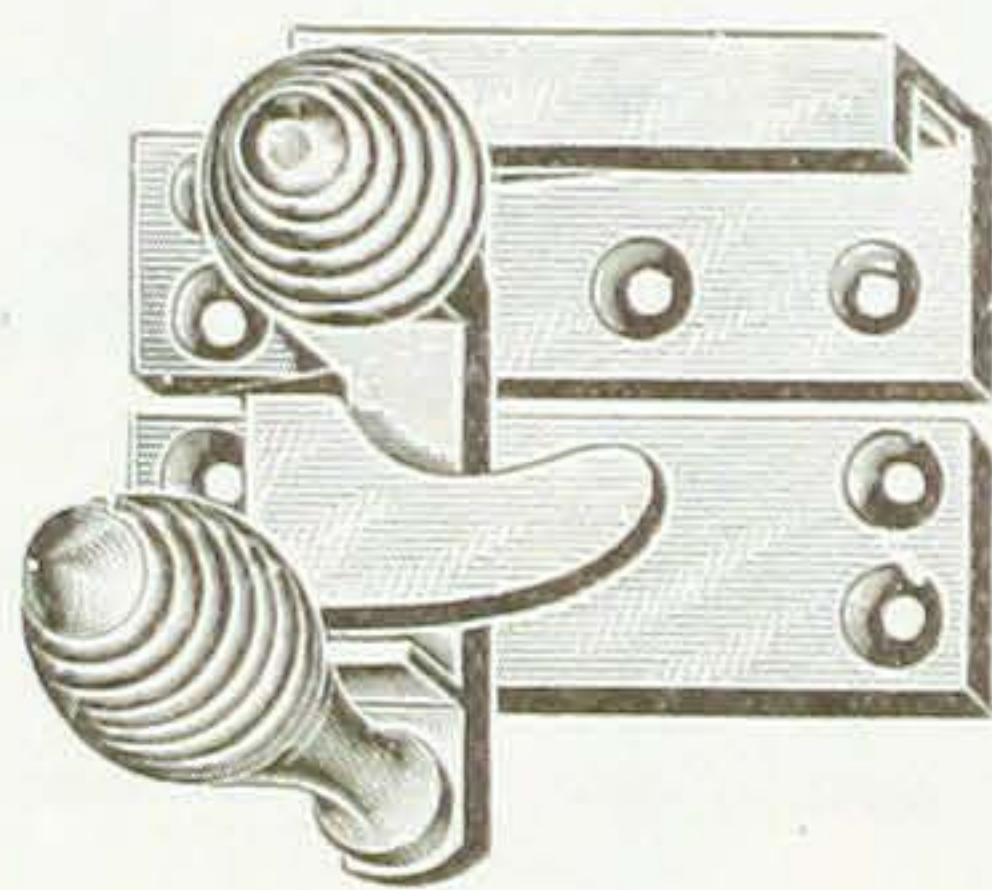
	dozen.	each.
Cast Brass ...	15/-	1/4
C. B. & R. on Brass...	20/3	1/9
B.M.A. on Brass ...	20/3	1/9



No. PHS*1457

3" extra strong, polished quadrant arm.

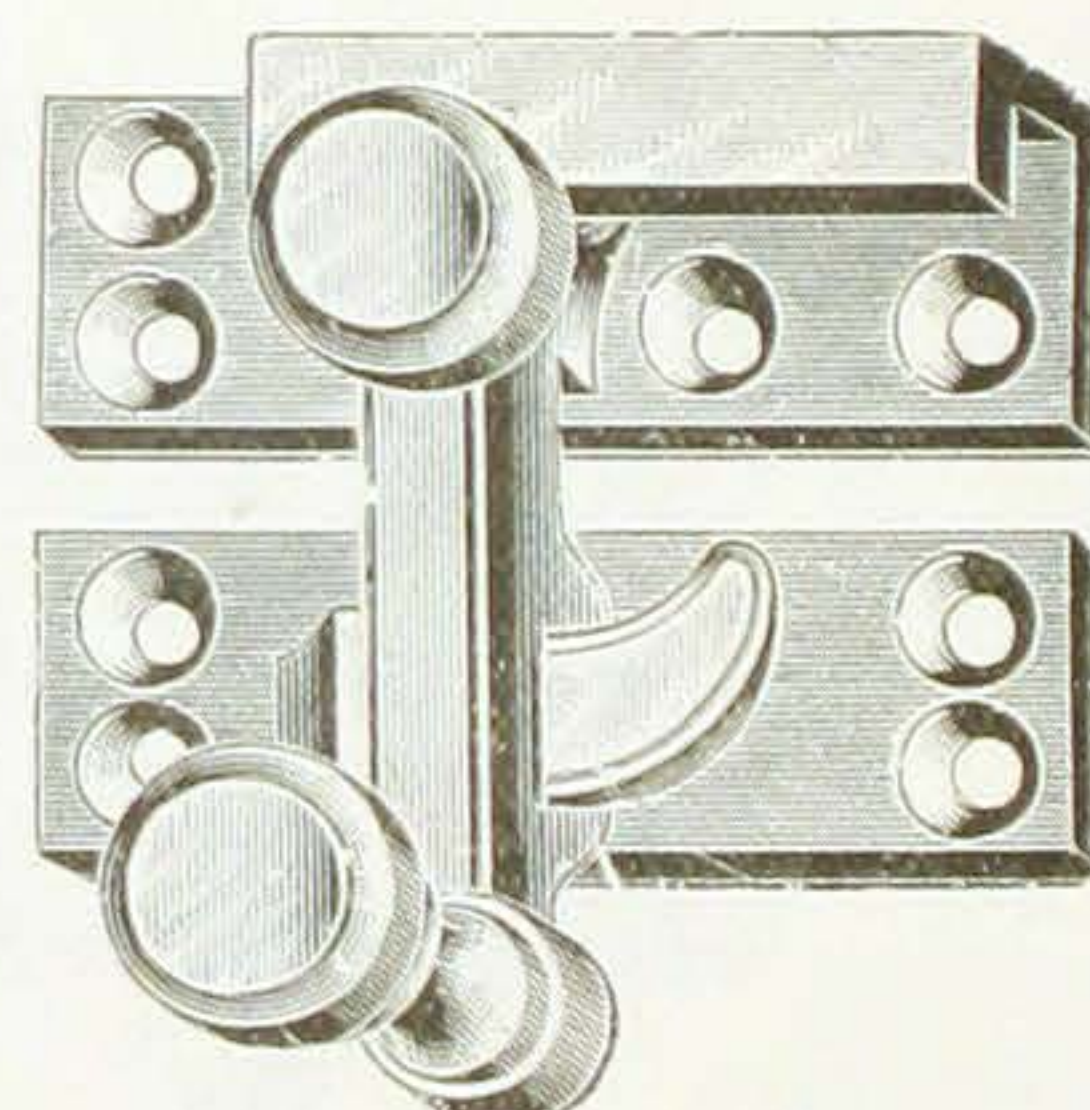
	dozen.	each.
Polished Brass ...	33/3	2/10
C. B. & R. on Brass...	36/9	3/2
Bronze Metal Antique	42/9	3/8



No. PHS*1456

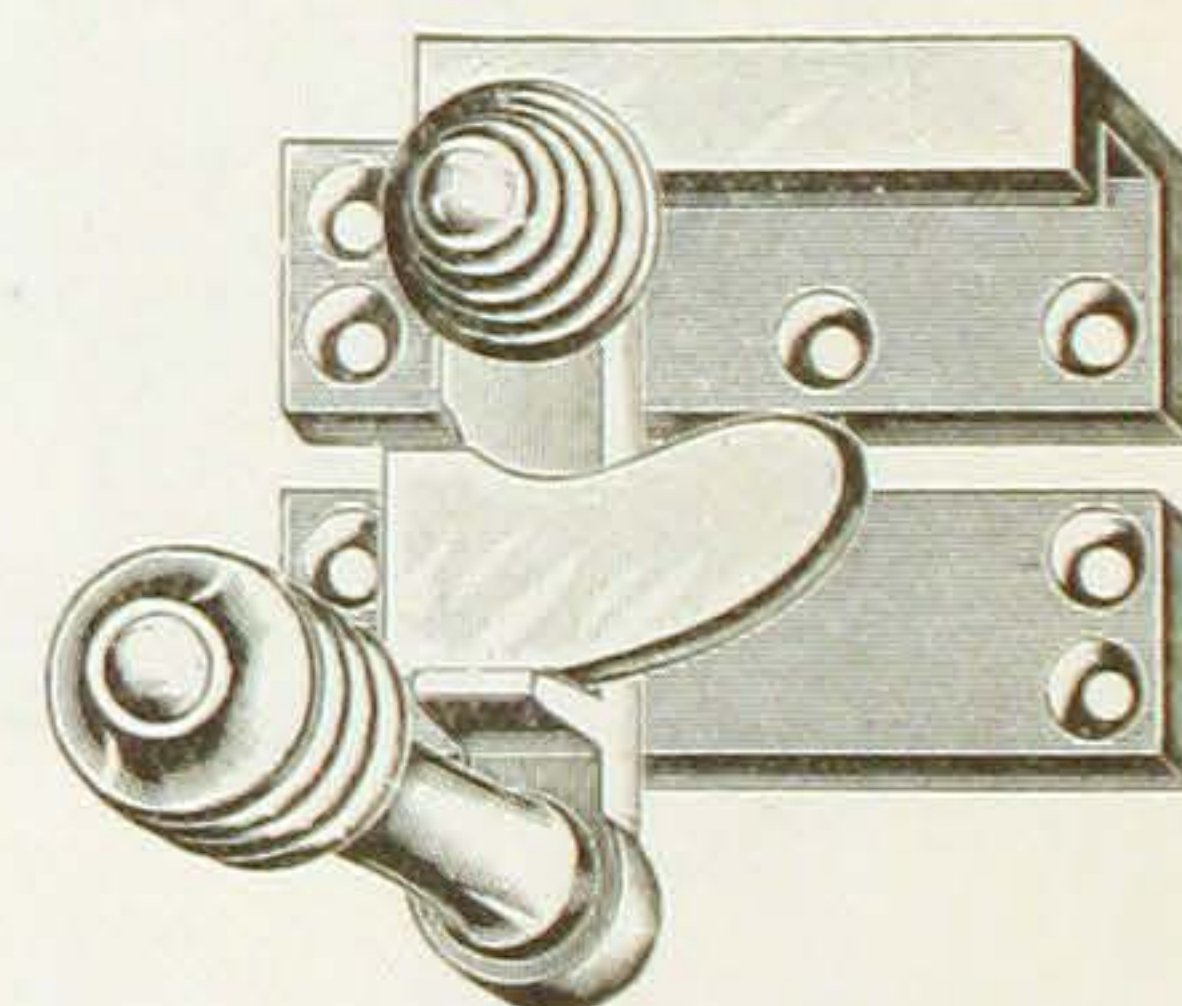
Strong cast, steel protected guard arm.

	2 3/4"	3"
	dozen.	each.
Pol. Brass ...	28/-	2/6
C.B.&R. on B.	31/6	2/9
B. M. A. ...	36/-	3/2



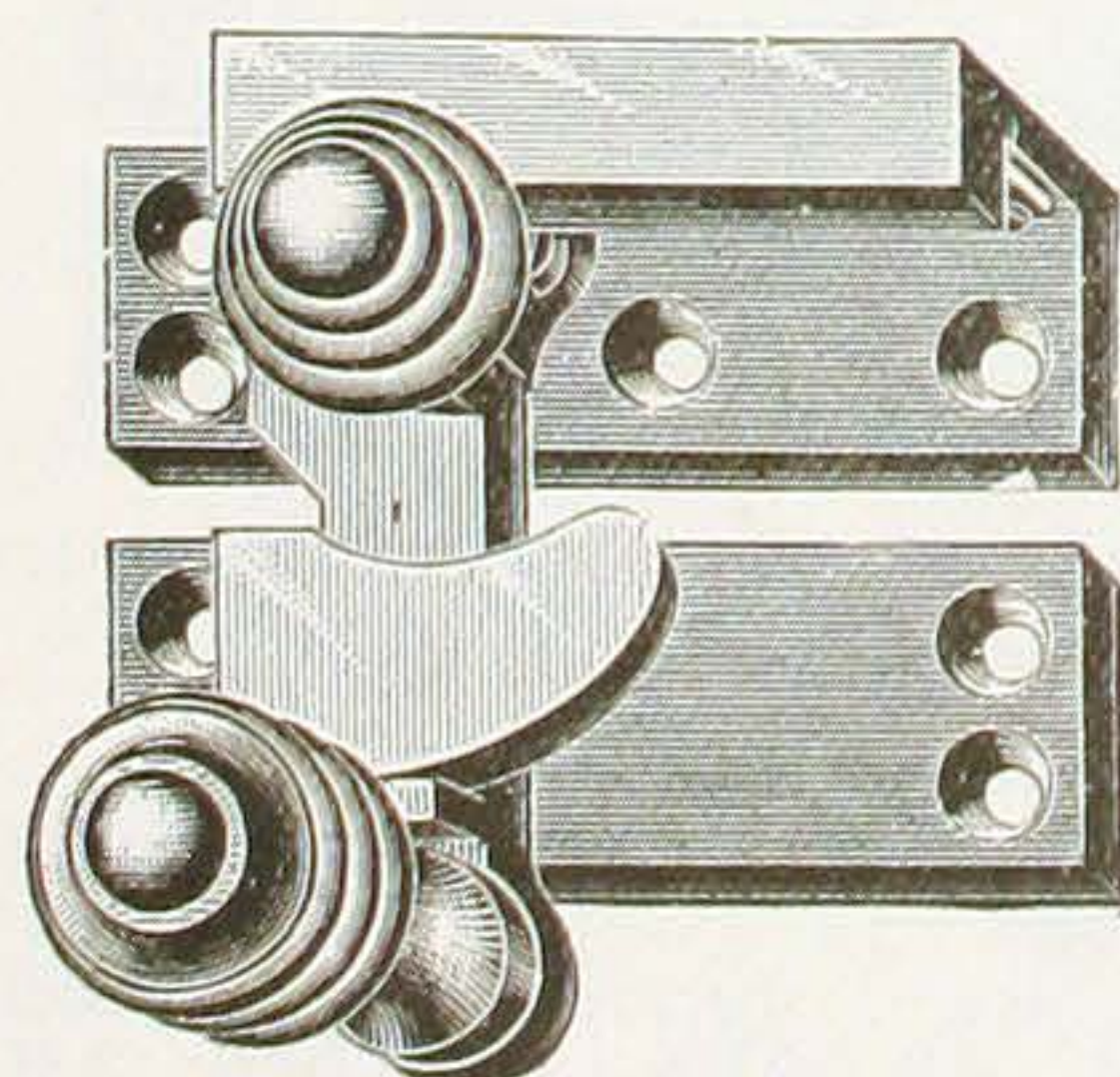
No. PHS*1454

	2 3/4"	3"
	dozen.	each.
Cast Brass ...	10/6	1/-
C.B.&R. on B.	15/9	1/5
B.M.A. on B.	15/9	1/5



No. PHS*1448

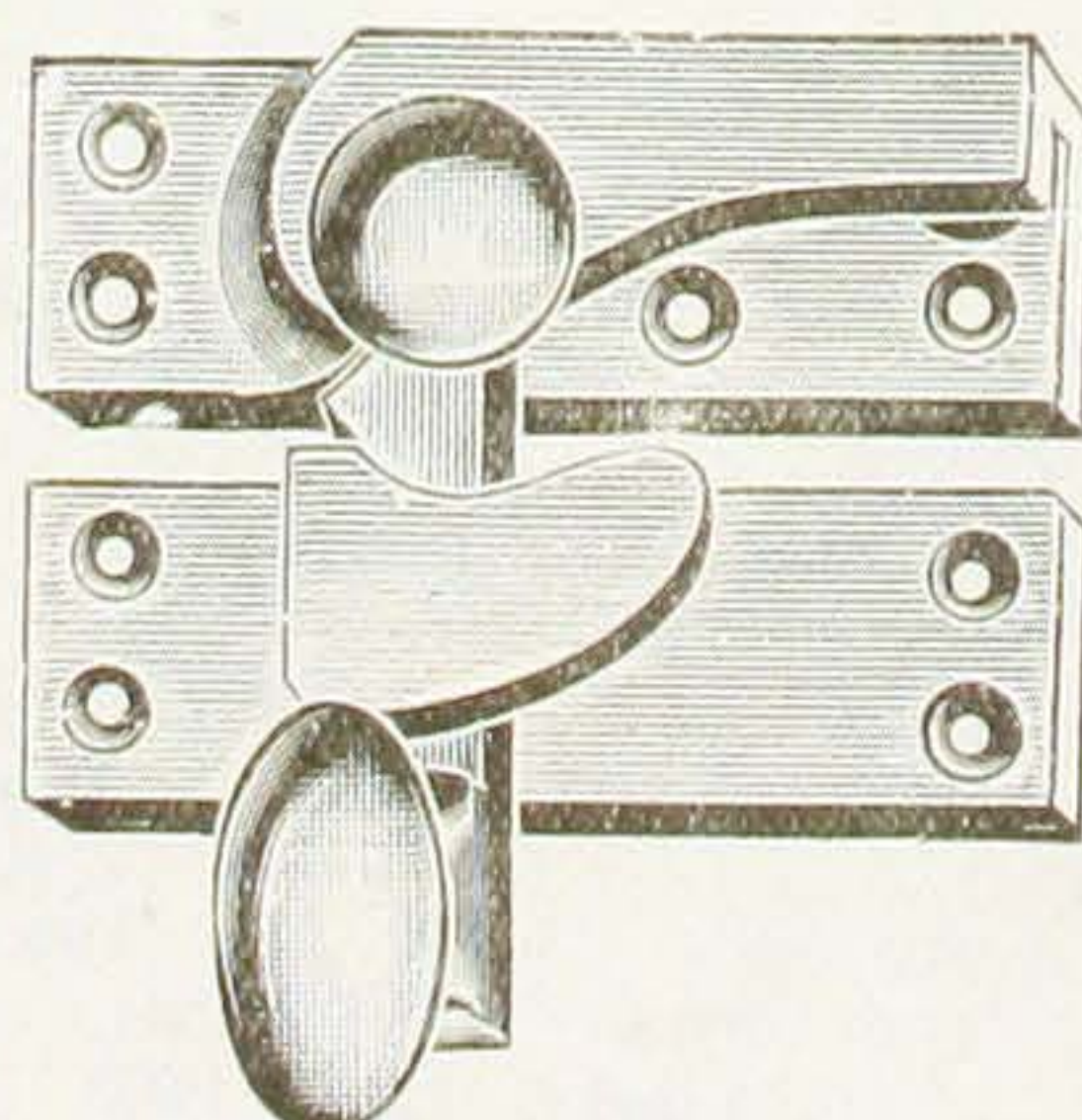
	2 3/4"	3"
	dozen.	each.
Pol. Brass ...	15/9	1/5
C.B.&R. on B.	18/6	1/7
B.M.A. on B.	18/6	1/7



No. PHS*1458

3" Extra strong, best finish.

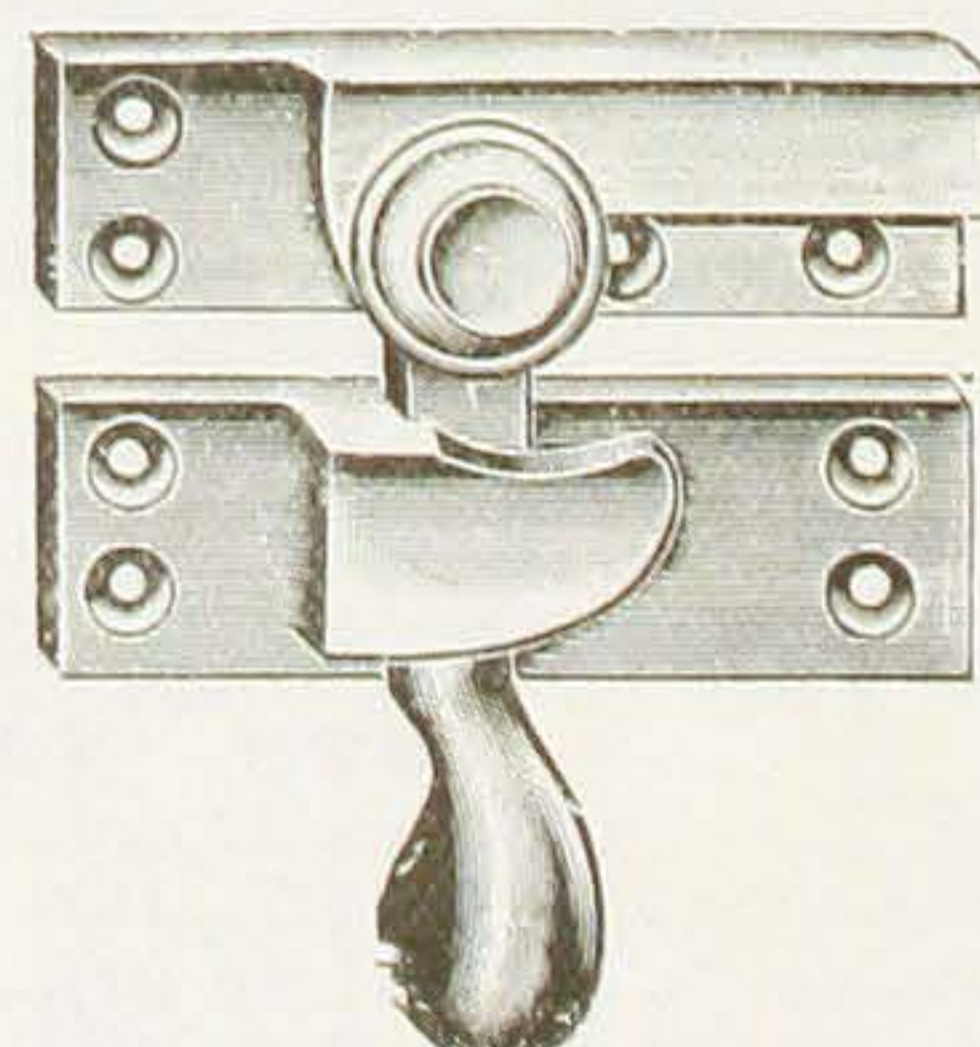
	dozen.	each.
Polished Brass ...	37/9	3/3
C. B. & R. on Brass...	41/3	3/7
B.M.A. ...	47/3	4/2



No. PHS*1439

3" Cast, sanded, polished arm.

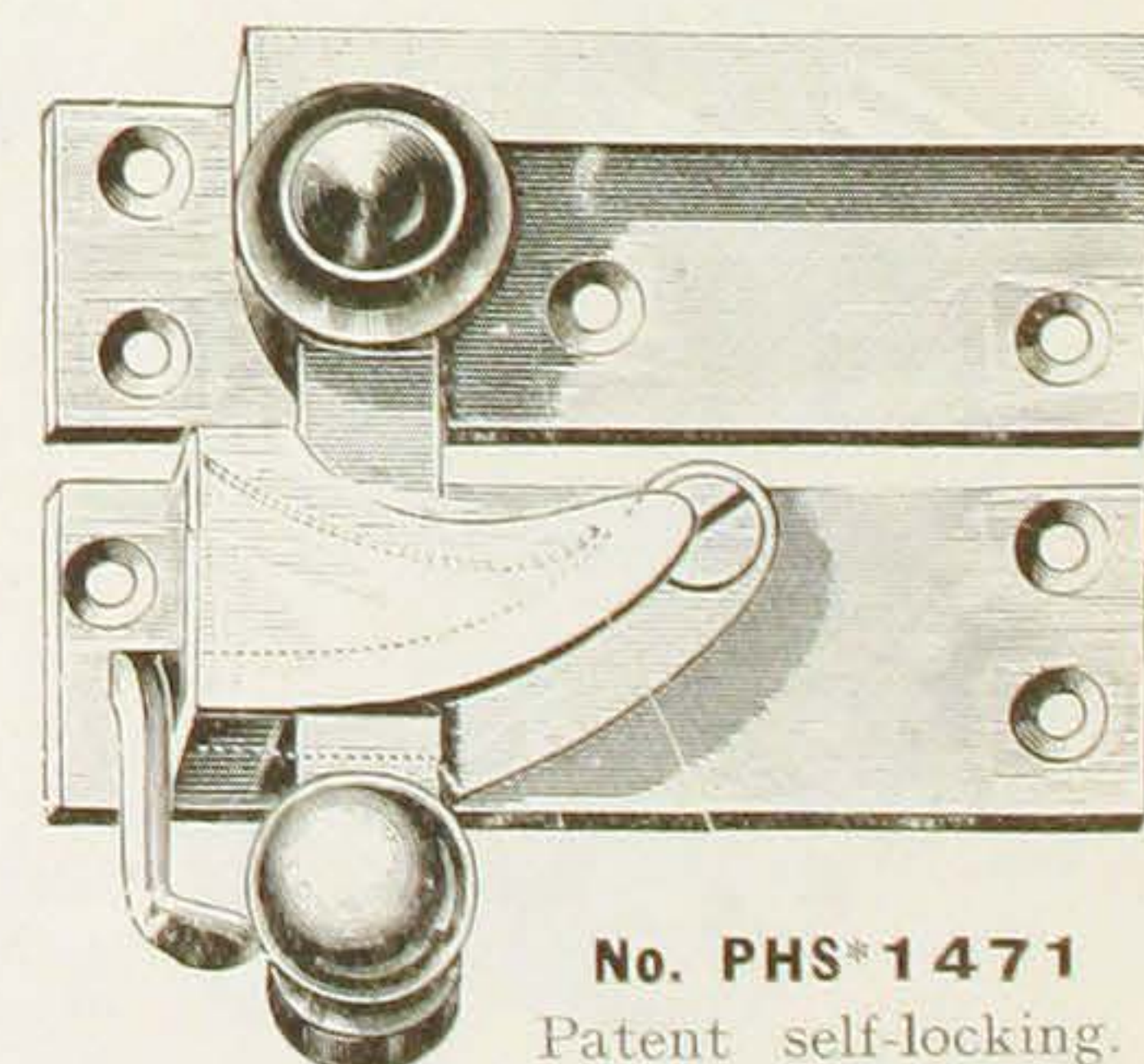
	dozen.	each.
Brass ...	21/-	1/10
Bronze Metal Antique	28/-	2/6



No. PHS 1441

Polished Brass.

Size.	dozen.	each.
2 3/4"	12/3	1/1
2 3/4"	14/6	1/4
3"	18/-	1/6



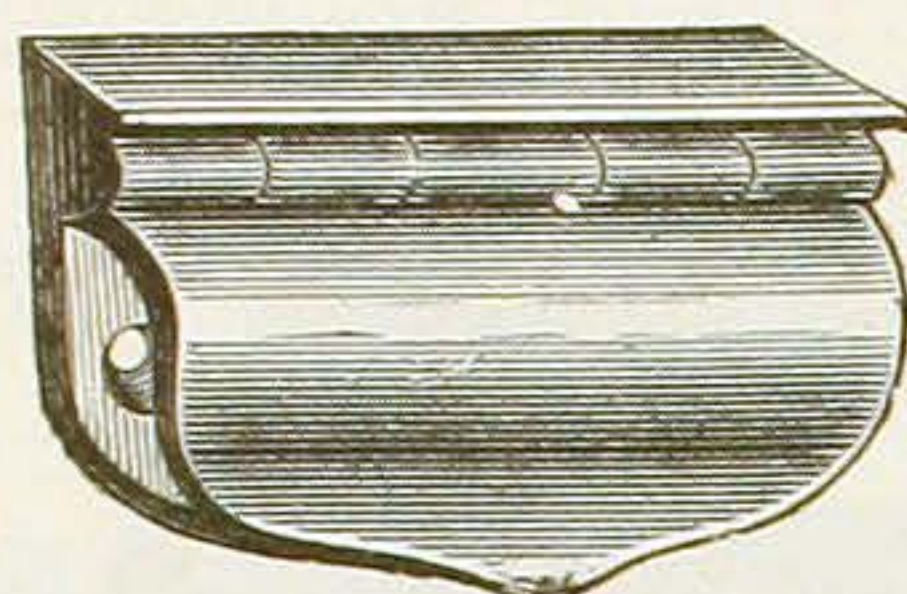
No. PHS*1471

Patent self-locking.

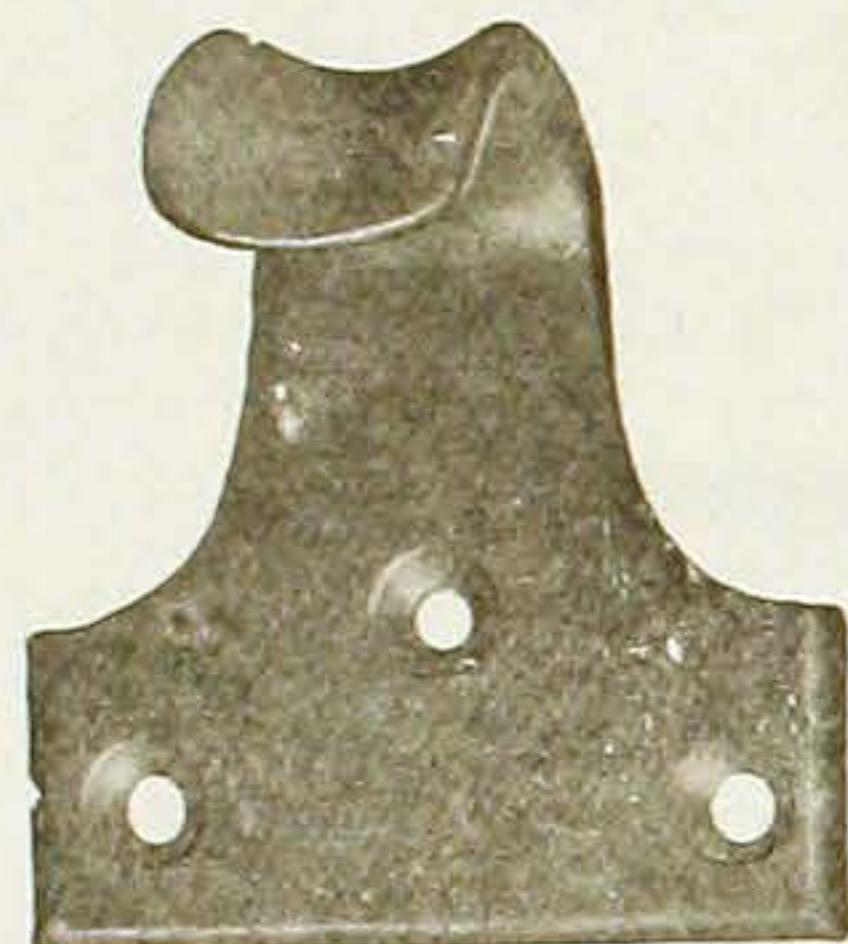
Adopted by War Office.

	2 3/4"	3"
	dozen.	each.
Pol. Brass ...	42/-	3/8
C.B.&R. on B.	52/6	4/6
B. M. A. ...	56/4	4/10

HINGED LIFT.



No. PHQ 2605			
Size	2"	2 1/2"	
Polished Brass	30/9	33/-	dozen.
" "	2/9	3/-	each.



No. PHS*5844 Size 2 1/2" x 2 1/2"			
Polished Brass	13/2	dozen.	
C. B. & R. on Brass	14/-	"	
Bronze Metal Antique	15/9	"	
Oxidized Silver on White Metal	23/9	"	



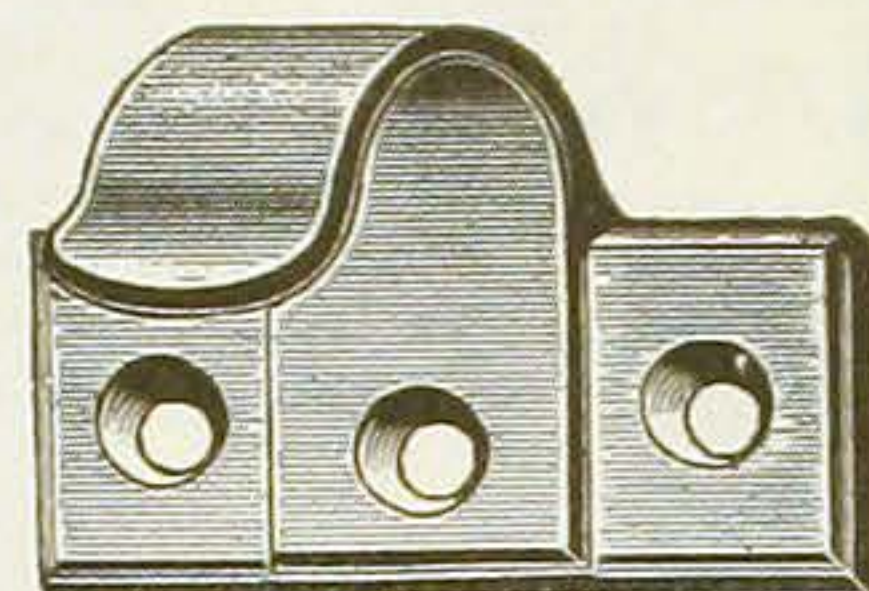
No. PHS*5838			
Size	2 1/2"	3"	
Polished Brass	9/8	11/10	dozen.
C.B. & R. on Brass	11/-	13/2	"
B.M.A.	12/3	16/8	"
Ox. Silv. on White Metal	15/-	19/3	"

Sash Lifts, Handles and Hooks

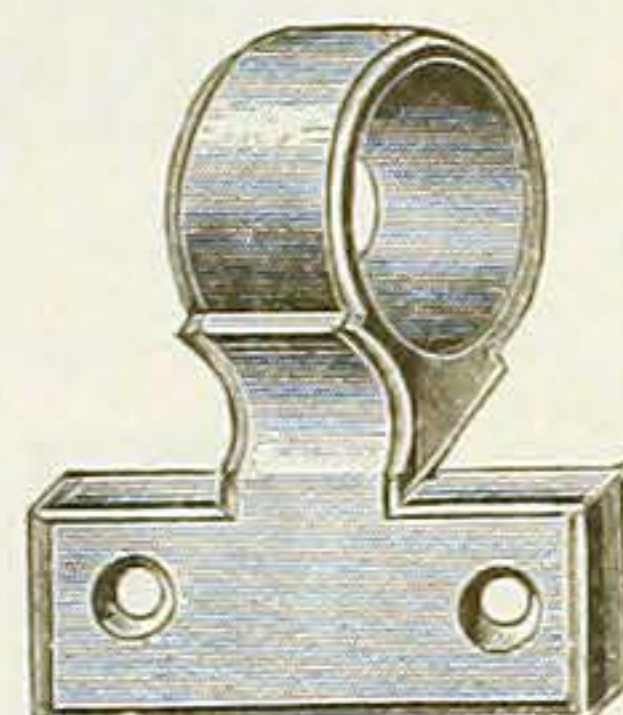
*Stocked only in Brass and B.M.A. **Stocked only in Brass.



No. PHQ 5846			
Size	2"	2 1/2"	
Polished Brass	10/6	13/3	dozen.
C. B. & R. on Brass	11/6	14/6	"
Bronze Metal Antique	13/6	18/6	"
Oxidized Silver on White Metal	15/6	21/-	"



No. PHS*2613 Extra strong, Cast.			
Size	2 1/2"	3"	
Brass	10/3	11/2	12/- 18/10 dozen.
B.M.A.	12/6	15/-	16/3 25/3 "
C. B. & R. on Brass	12/-	12/10	13/9 20/8 "
Ox. Silver on White Metal	16/4	17/8	18/10 28/- "

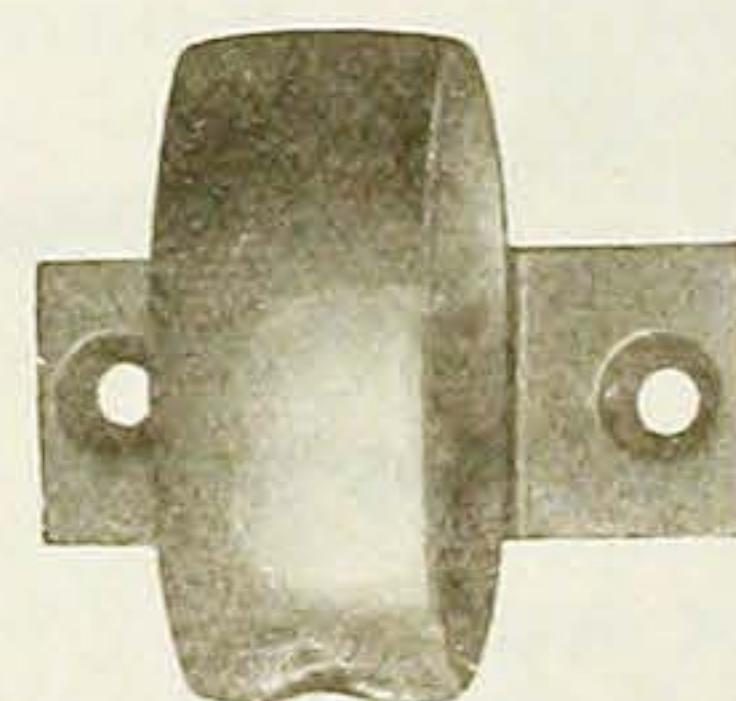


No. PHS*2601			
Size	1"	1 1/2"	
Brass	10/6	12/3	13/6 dozen.
C. B. & R. on Brass	12/-	13/9	15/- "
B.M.A.	13/2	15/4	17/- "
Oxidized Silver on Brass	14/2	16/-	17/3 "

No. PGQ 2602 Stronger.			
Size	1"	1 1/2"	
Brass	12/10	17/2	dozen.
C. B. & R. on Brass	14/6	18/8	"
Bronze Metal Antique	16/2	21/6	"
Oxidized Silver on Brass	16/6	21/-	"

RING SASH LIFTS.

Measured Inside Ring.

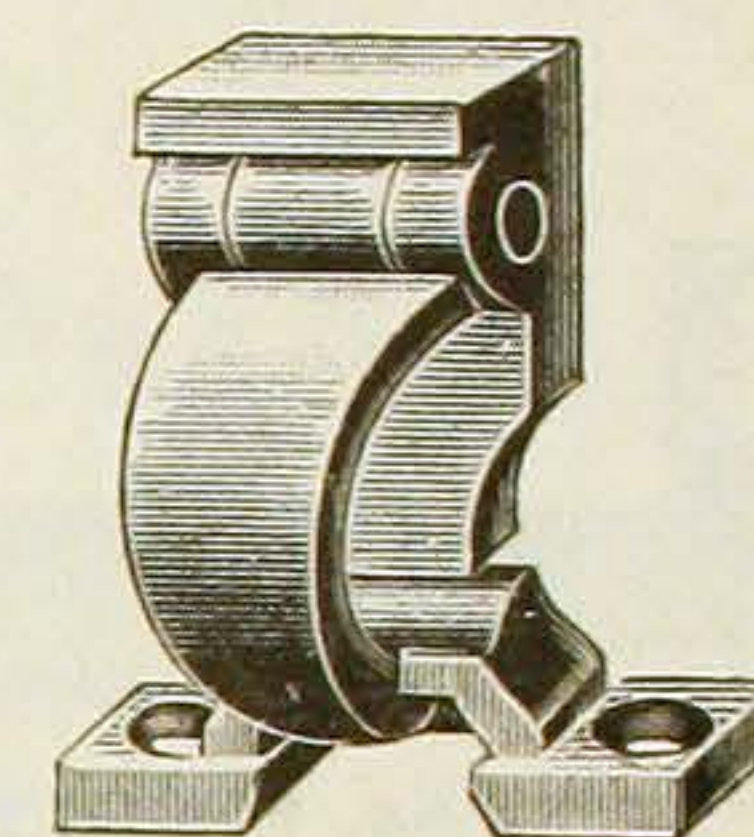


No. PHS*2615			
Plate	2 1/4" x 1 1/4"		
Ring, 2" x 1 1/2" outside.			
Polished Brass	13/2	dozen.	
C. B. & R. on Brass	14/-	"	
B.M.A.	15/9	"	
Ox. Silver on White Metal	23/8	"	

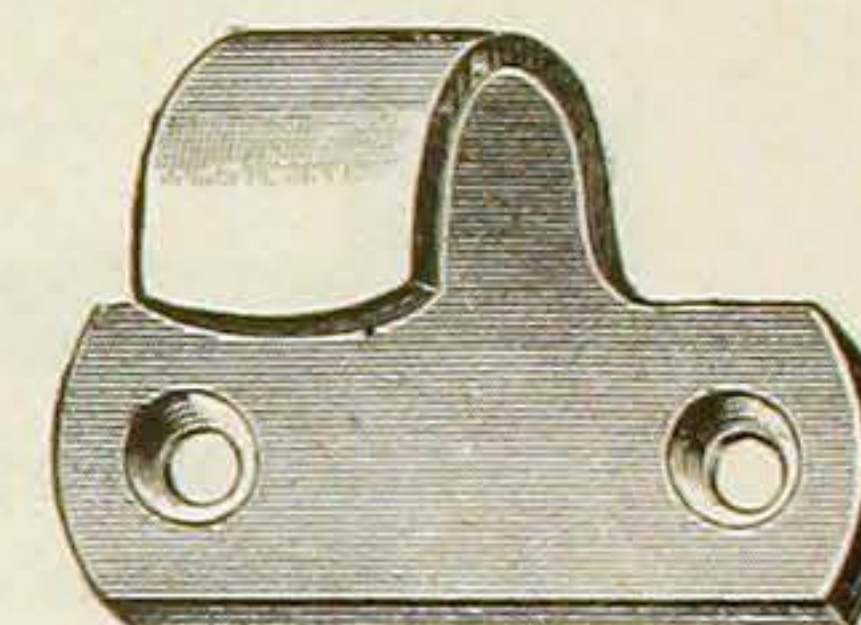


No. PHS 5872	
Size	1 1/8"
Iron,	1/6 dozen.
Brass,	4/6 dozen.

SASH LIFT AND CATCH.



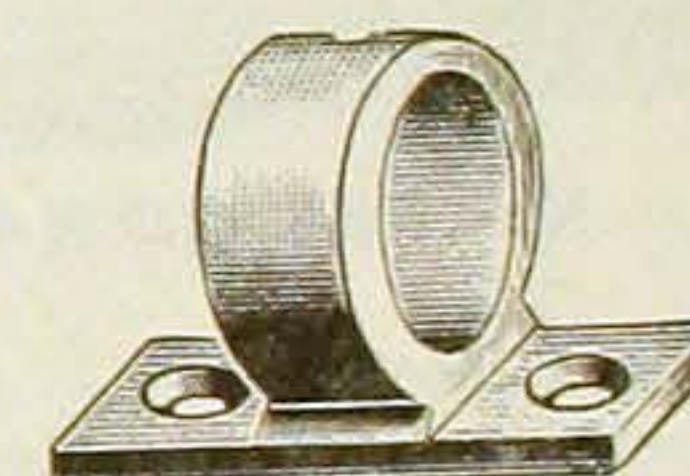
No. PHO 2625			
C. B. & R.	on Brass.	B.M.A.	
Brass.	14/-	17/6	18/6 dozen.
No. PHO 2626 Stronger, 1 1/4" x 1"			
C. B. & R.	on Brass.	B.M.A.	
Brass	22/-	24/6	29/6 dozen.



No. PHS*2612 Strong Cast, 2 1/2"			
Brass	C.B. & R. on Brass	Bronze Metal Antique	Oxidized Silver on White Metal
7/-	8/9	9/6	12/3

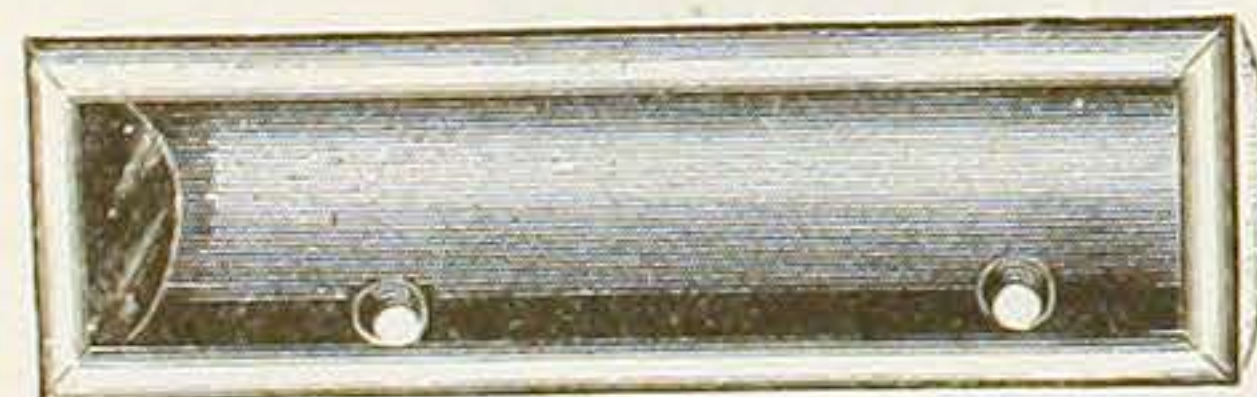
No. PHQ 2609 Machine Made.			
Size	1 1/2"	1 3/4"	2"
Plain Brass	1/4	1/8	2/4 dozen.
Antique Brass	1/7	1/10	2/6 "

No. PHQ 2608 Lighter pattern.			
Size	1 1/2"	1 3/4"	2"
Plain Brass	1/11	1/1	1/4 dozen.
Antique Brass	1/2	1/4	1/6 "



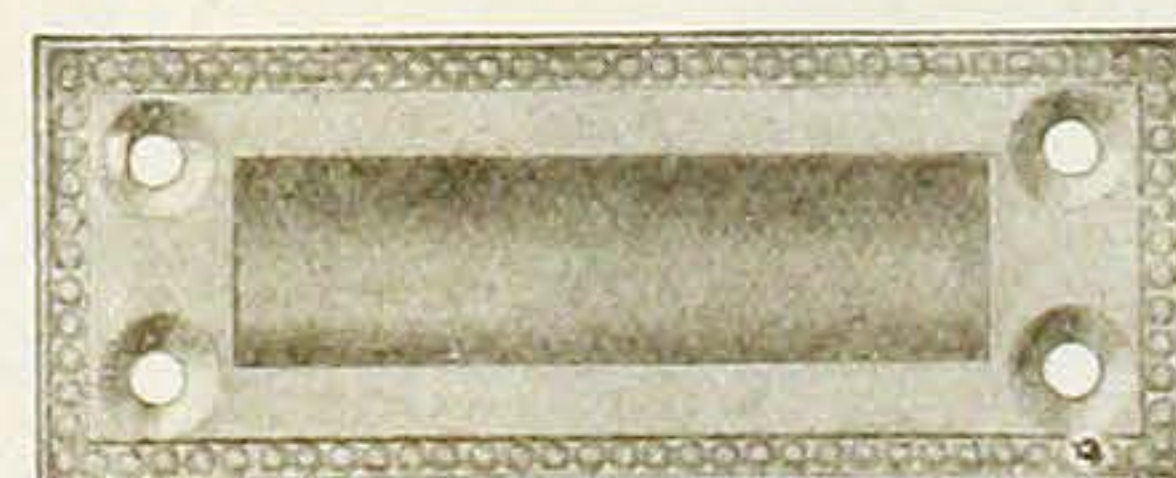
No. PHS*2600			
Size	1"	1 1/2"	1 3/4"
Polished Brass	6/2	7/-	8/9 doz.
C.B. & R. on Brass	7/-	8/-	9/8 "
B.M.A.	7/8	8/9	11/- "
O. Sil. on Brass	9/8	11/6	13/2 "

BRASS FLUSH LIFTS AND SLIDING DOOR HANDLES.



No. PHS*2624			
Burnished.	Special for narrow rails.		
2 1/2"	3"	3 1/2"	3 3/4"
18/3	19/4	20/6	22/9 25/- dozen.
1/8	1/9	1/10	2/- 2/3 each.

No. PHQ 5871 Lighter Pattern.			
Size	3 1/2" x 1"		
Brass	11/-	13/-	14/- dozen.
C. B. & R. on Brass	1/-	1/2	1/3 each.
Bronze Metal Antique			

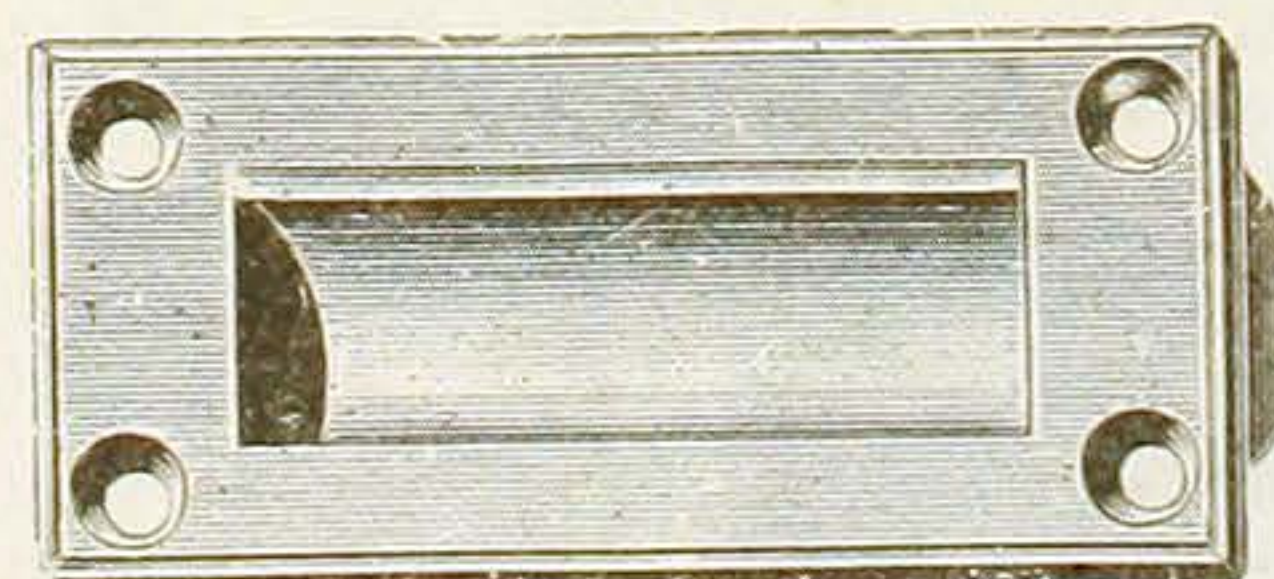


No. PHS*2616 Size 3 1/2" x 1 1/2"			
Polished C. B. & R.	Brass on Brass	B.M.A.	Ox. Sil. on White Metal
15/9	17/6	20/3	31/6 dozen.
1/5	1/7	1/10	2/9 each.



No. PHS**2622 Strong.			
Size	2 1/2"	3"	3 1/2"
Brass	10/6	11/6	12/3 14/8 dozen.
C. B. & R. on Brass	12/3	13/2	14/6 16/9 "
B.M.A.	13/2	14/3	15/4 18/6 "

No. PHS**2623 Stronger.			
Size	3 1/2" x 1 1/2"		
Polished Brass	21/-	1/10	doz. each.
C. B. & R. on Brass	23/8	2/2	"
Bronze Metal Antique	28/-	2/6	"
Oxidized Silver on White Metal	32/6	2/10	"



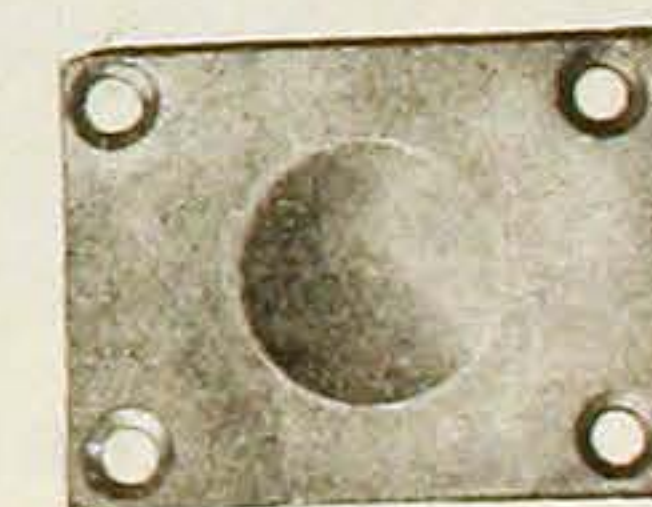
No. PHS**2621 Cast Front.			
Size	3"	3 1/2"	3 3/4"
Polished Brass	10/6	14/-	16/9 dozen.
C. B. & R. on Brass	12/3	15/9	18/6 "
Bronze Metal Ant.	14/-	18/9	20/6 "
Oxidized Silver on White Metal	17/6	22/-	23/9 "

No. PHQ 2620 Lighter, Machine made.			
Size	2 1/2"	3"	3 1/2"
3/6	4/-	5/9	7/- dozen.

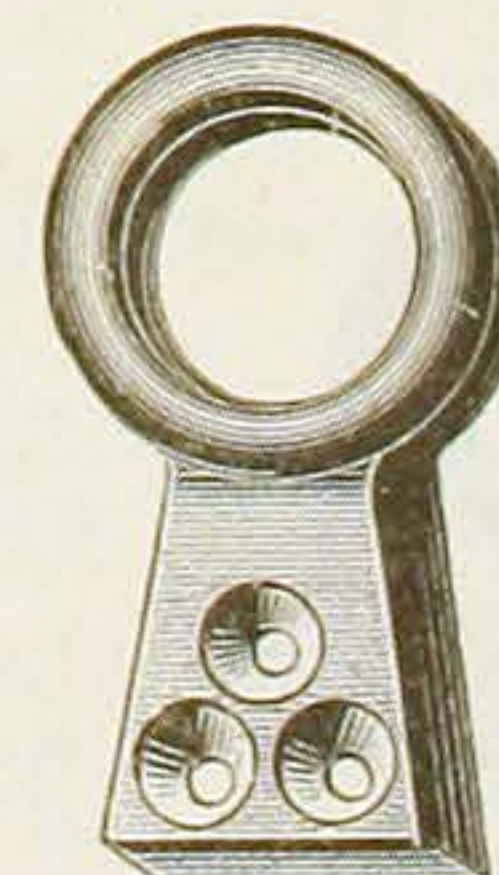
SASH EYES. (Stocked in Brass only.)



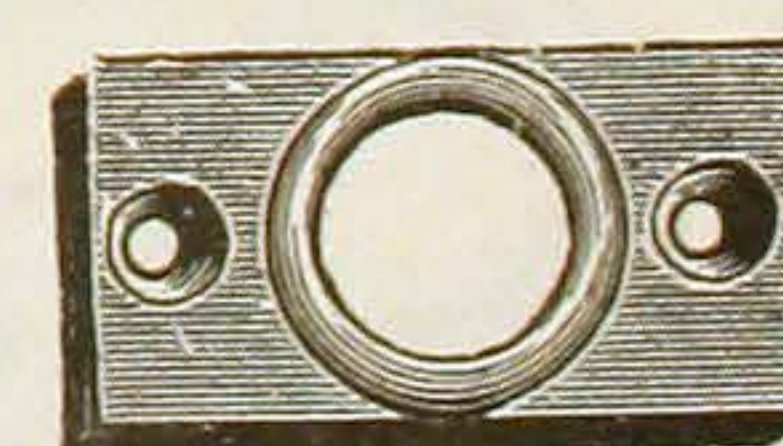
No. PHS**1820 Size 1 1/2"			
Brass	C. B. & R. on Brass	B.M.A.	Oxidized Silver on Brass
7/6	10/-	11/6	12/-



No. PHS**1821 Size 1 1/2" x 1 1/2"			
Brass	C. B. & R. on Brass	B.M.A.	Ox. Silver on White Metal
5/8	7/-	8/-	21/-



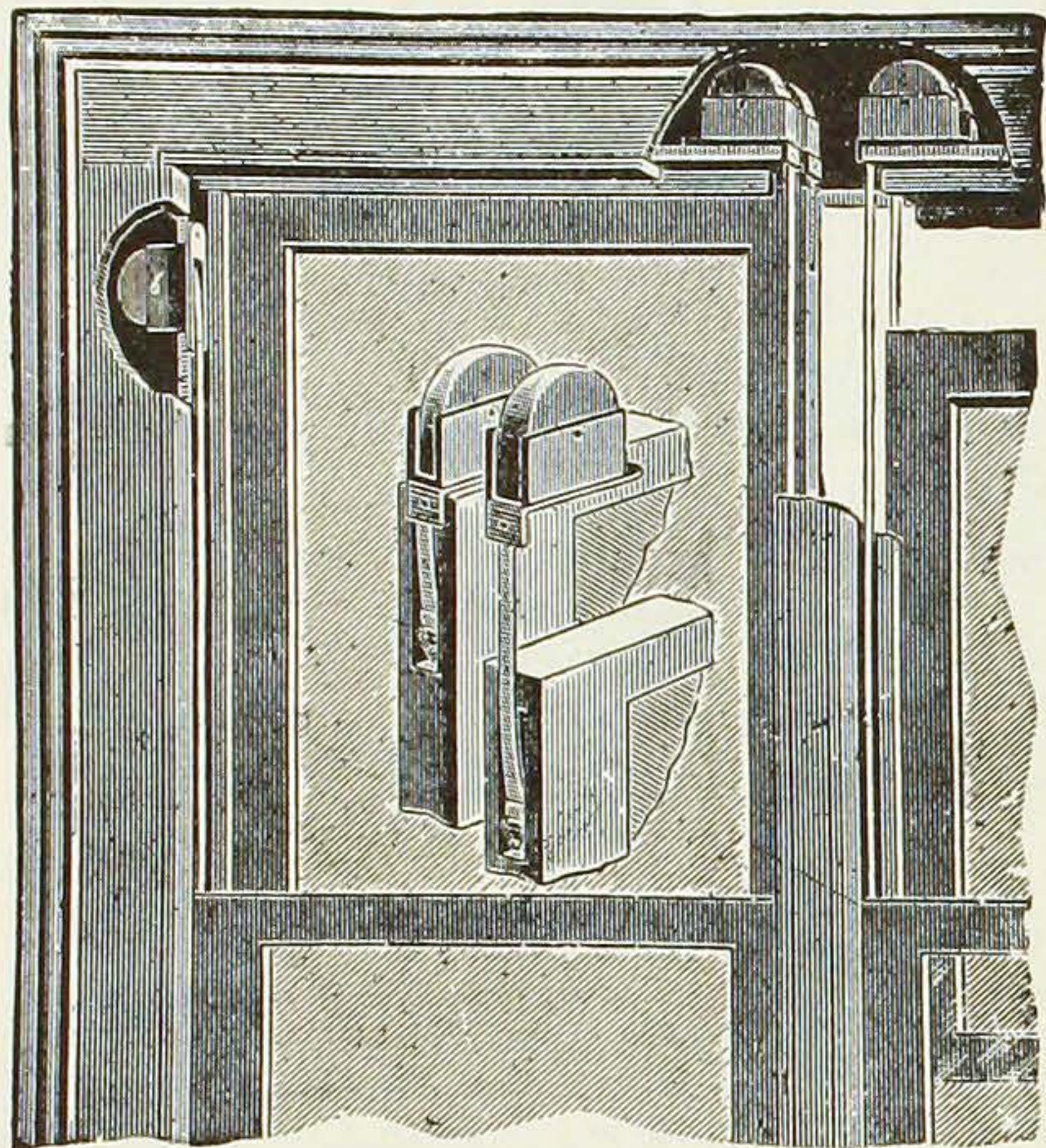
No. PHS 1806	
Size	2 1/2" overall.
Brass,	8/9 dozen.



No. PHS 1819 Brass Sanded Finish.			
Size	1 1/2" x 1 1/2"	2" x 1 1/2"	2 1/2" x 1 1/2"
6/8	7/8	8/10	dozen.

Pullman Sash Balances

AN IMPROVED SYSTEM OF HANGING WINDOW SASHES.



This illustration shows the side and top balances as fixed. The Top Pattern is invaluable in the case of narrow mullions.

Side and Top Pattern Balances are the same price. Side Pattern is always sent unless Top Pattern is specified.

No. PHO 8750

Pullman Unit Sash Balances should take the place of cords and weights and pulleys in every new building, large or small, residence, factory, public building, because they cost less, last longer, are less liable to get out of order, are fireproof, and give a much neater appearance to the window.

Pullman Sash Balances have been manufactured and used for over thirty years, and there are to-day over five million Pullman Balances in daily use.

Side and Top Pattern Balances supplied for all weights of sashes up to 100 lbs.

These Balances are entirely self-contained. Made of Pressed Steel throughout.

Noiseless—Smooth Running and Durable.

Dimension Table.

For Sash ranging from	Unit	Depth of Mortice.	Width of Mortice.	Length of Face Plate.
4 to 32 lbs. ...	K	3½"	1"	6"
10 to 48 lbs. ...	L	4½"	1½"	7½"
24 to 105 lbs. ...	M	5½"	1¾"	8¾"

Points of Advantage:—Easily fixed; Face Plates in a given unit all the same size; designed for the utmost convenience in cutting Mortices. All moving parts are encased.

Unit K, for 4 to 32 lb. Sash.

Bal. No.	Weight of each Sash. (Pounds).	Length of Tape (Inches).	Per Set of 4 Balances for 2 Sashes.
0—K ...	4 to 5	30	34/6
1—K ...	6 to 7	30	34/6
2—K ...	8 to 9	30	34/6
3—K ...	10 to 11	46	34/6
4—K ...	12 to 13	46	34/6
5—K ...	14 to 15	46	34/6
6—K ...	16 to 17	46	34/6
7—K ...	18 to 19	46	34/6
8—K ...	20 to 21	46	34/6
9—K ...	22 to 23	46	34/6
10—K Special ...	24 to 26	46	45/-
11—K Special ...	27 to 29	46	45/-
12—K Special ...	30 to 32	46	45/-

Depth of Unit K Balance 3½"

Unit L, for 10 to 48 lb. Sash.

Bal. No.	Weight of each Sash. (Pounds).	Length of Tape (Inches).	Per Set of 4 Balances for 2 Sashes.
3—L ...	10 to 11	46	63/9
4—L ...	12 to 13	46	63/9
5—L ...	14 to 15	46	63/9
6—L ...	16 to 17	46	63/9
7—L ...	18 to 19	46	63/9
8—L ...	20 to 21	46	63/9
9—L ...	22 to 23	46	63/9
10—L ...	24 to 26	54	63/9
11—L ...	27 to 29	54	63/9
12—L ...	30 to 32	54	63/9
13—L ...	33 to 35	54	63/9
14—L ...	36 to 38	54	63/9
15—L ...	39 to 41	54	63/9
16—L ...	42 to 44	54	63/9
17—L ...	45 to 48	54	63/9

Depth of Unit L Balance 4½"

Unit M, for 24 to 105 lb. Sash.

Bal. No.	Weight of each Sash. (Pounds).	Length of Tape (Inches).	Per Set of 4 Balances for 2 Sashes.
10—M ...	24 to 26	54	103/6
11—M ...	27 to 29	54	103/6
12—M ...	30 to 32	54	103/6
13—M ...	33 to 35	54	103/6
14—M ...	36 to 38	54	103/6
15—M ...	39 to 41	54	103/6
16—M ...	42 to 44	54	103/6
17—M ...	45 to 48	54	103/6
19—M ...	49 to 52	60	132/9
21—M ...	53 to 56	60	132/9
23—M ...	57 to 60	60	132/9
25—M ...	61 to 64	60	132/9
27—M ...	65 to 68	60	132/9
29—M ...	69 to 72	60	156/-
31—M ...	73 to 76	60	156/-
33—M ...	77 to 80	60	156/-
35—M ...	81 to 84	60	156/-
37—M ...	85 to 88	60	175/6
39—M ...	89 to 92	60	175/6
41—M ...	93 to 96	60	175/6
43—M ...	97 to 100	60	175/6
45—M ...	101 to 105	60	175/6

Depth of Unit M Balance 5¼"

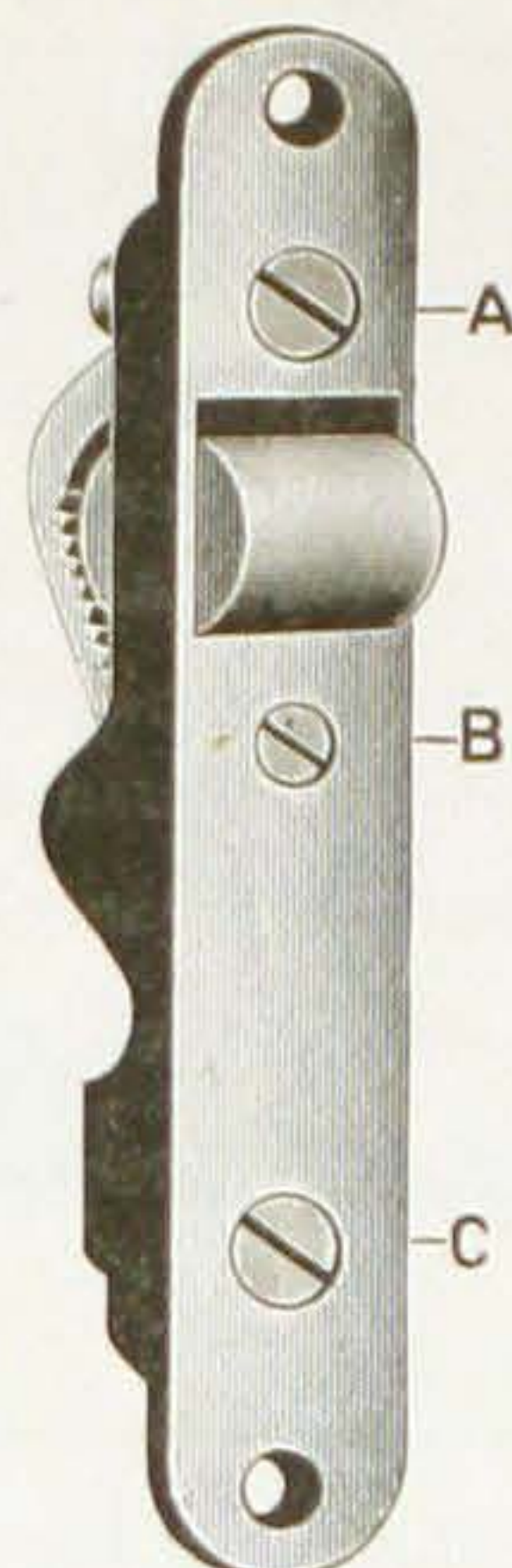
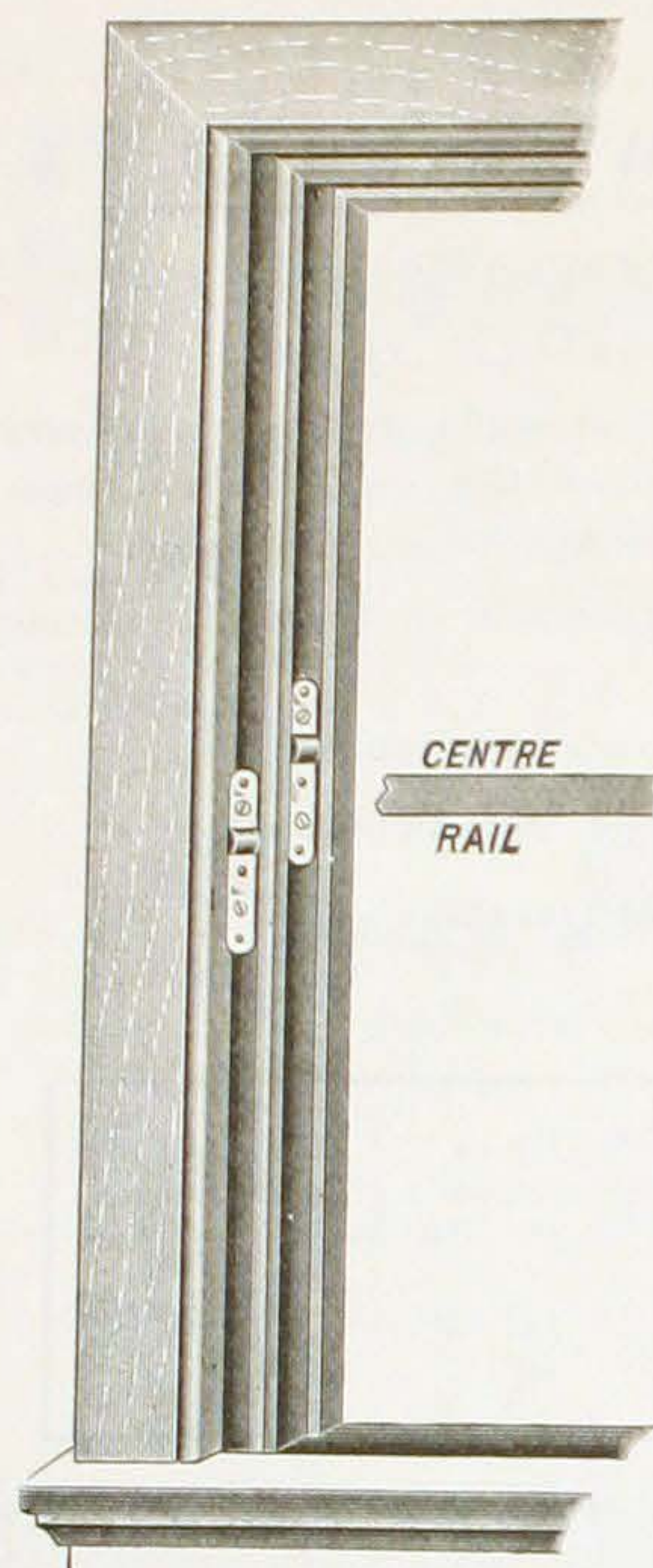
Special reductions for quantities of 12 sets and over.

Give Weight of each Sash.

Weight is usually marked on sash at the mill. Generally the upper and lower sash weigh the same. If not, give weight of each, and we will send half sets of proper size.

The Face Plates are usually Finished in Dull Black Lacquer. Solid Bronze or Brass Face Plates can be supplied at the following Extras: Unit K, 18/9; Unit L, 28/3; Unit M, 37/6 per set extra to above prices. Electro-Plated Face Plates would be, Unit K, 8/6; Unit L, 10/6; Unit M, 14/3 per set over ordinary price and can be Electro-Plated, Brass, Bronze, Nickel or Copper.

The "Sterling" Window Balance



Front View.



Back View.

No. PHS 6633 THE "STERLING" WINDOW BALANCE.

Consisting of a face plate, an inclined plane, a flat two-leaf tempered spring, a hard maple roller, and three screw adjustments, each part so fitted to the others that they are held in place by the adjusting screws.

No rivets or bolts are used in putting it together, so that nothing can get out of order or need repairing.

The "STERLING" is adjustable.

The inclined plane in which the roller runs can be brought forward or backward by means of screws A and B (see diagram), thus accommodating the "Sterling" to a tight or loose sash. This adjustment is the essential point of the "Sterling" as it prevents the sag of the upper sash, which is so prevalent in other balances.

Bearing on the lower part of the inclined plane is a double leaf spring, which by the adjusting screw (marked C on the diagram), can be tightened or loosened so that a light or heavy sash can be taken care of by the same size of balance. The adjusting screw is accessible at all times by throwing the sashes up to the top of the window.

When properly adjusted the pressure is just sufficient to hold the sash suspended so that a slight pressure of the hand will move the window up or down, the sash travelling on roller bearings perfectly free from friction with the jambs.

Two sizes of the "Sterling" owing to their large range of adjustment, cover all the ordinary weight windows.

For repairing old windows the "Sterling" is invaluable, it being easily applied.

The "Sterling" can be used in narrow mullions where it is impossible to use weights or other fixtures.

There are no rattling windows where the "Sterling" is used, as the pressure of the springs through the rollers on the edges of the sash prevents it.

There is no cutting or marring of the sash by the "Sterling" as it is let into the jamb of the window frame.

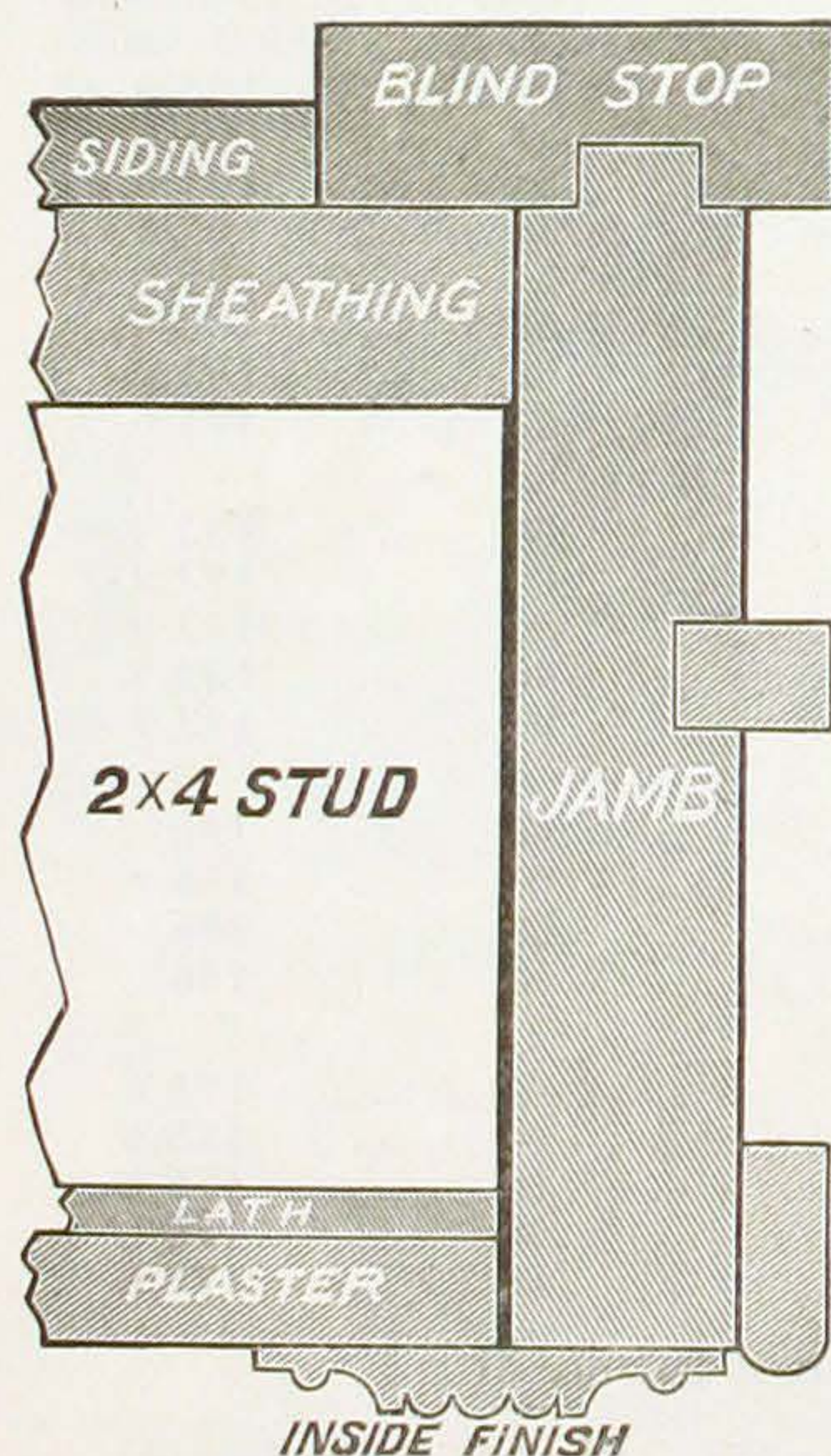
There is no wear on the sash, as nothing but a wooden roller comes in contact with it.

There are no cords to wear out or break. With the "Sterling" the sash can be removed easily for cleaning or glazing; simply remove stops from either side and lift out sashes.

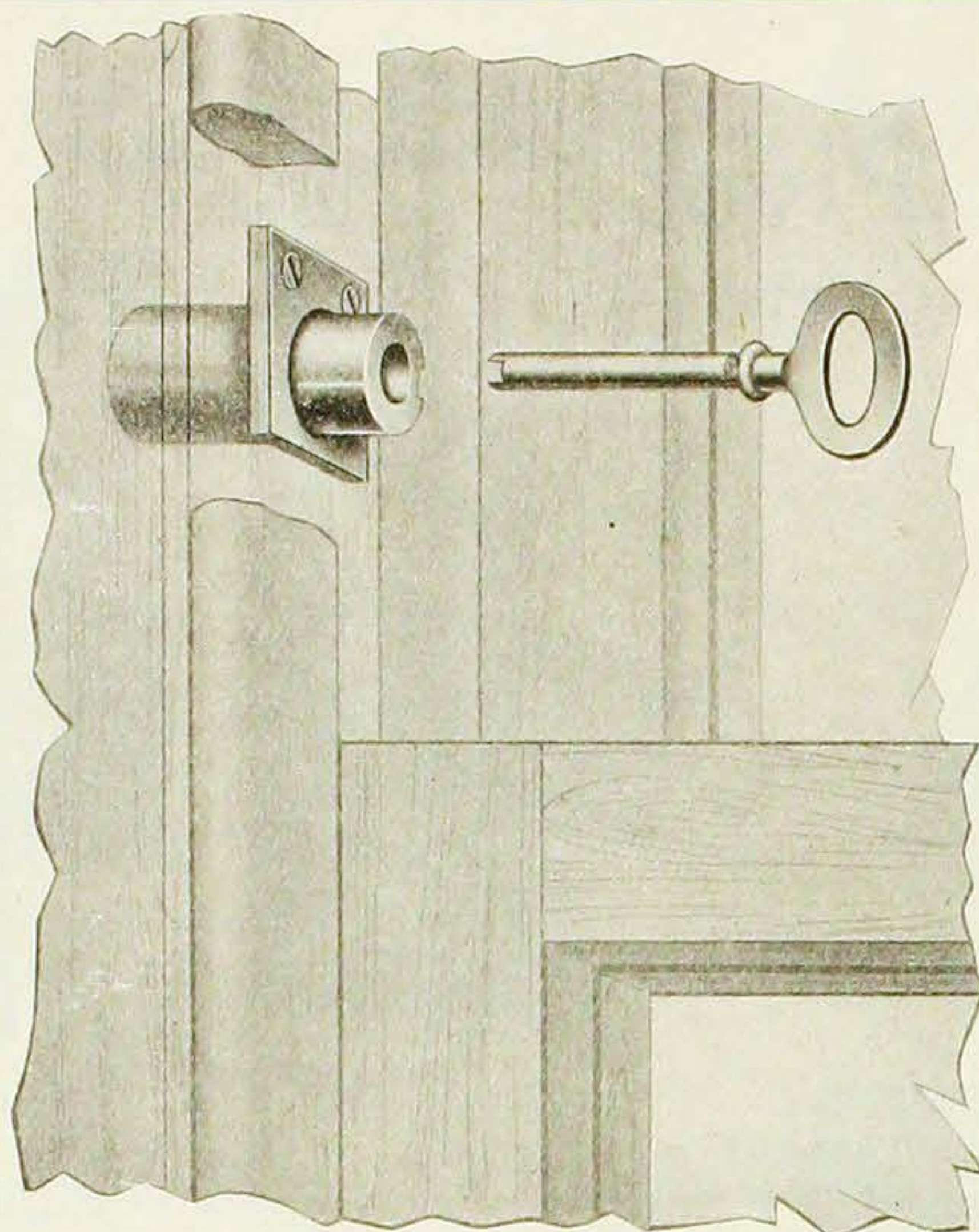
Made in two sizes. Four balances constitute a set which covers a double window, two balances being required for each sash.

No. 5 covers sash that weighs from six to fourteen pounds each sash, fourteen pound sash measures about 28" x 32". No. 6 covers sash that weighs from fifteen to twenty-five pounds each sash. A twenty-five pound sash measures approximately 32" x 40".

Price per set of four in either size, **7/6** per set.



The above drawing shows one side of a window jamb and it will at once be noticed how simple the construction is with the "Sterling." Its use does away with the large amount of lumber and work required to make a box frame and its partition for the window weights.



The "Forward" School and Asylum Sash Lock

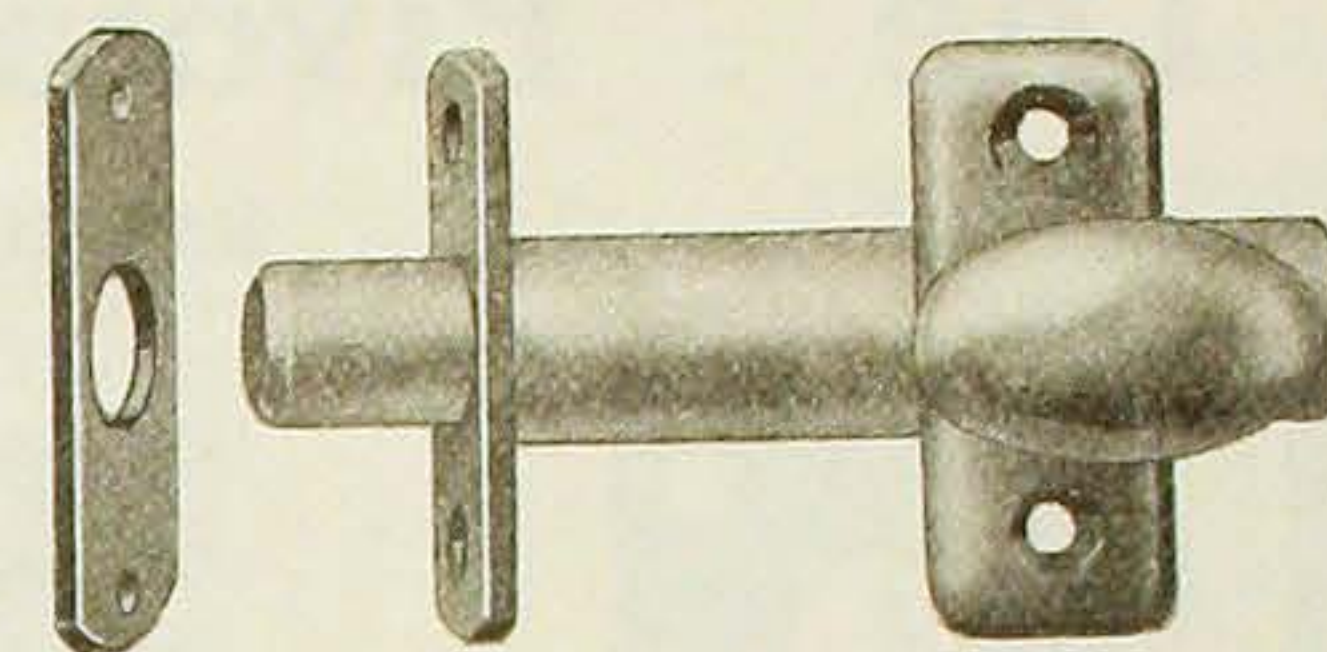
*Stocked only in Brass and B.M.A.

No. PHS*9299

This Sash Lock when fixed 6" below the bottom of upper sash and 6" above the top of inside sash effectively prevents the windows being opened any more than the 6" or any other distance desired. It can also be fixed in style of top sash, (Right or Left) and prevents either sash being opened any more than the distance, the lock is fixed above bottom sash. For cleaning, the key closes the sash lock and allows free movement of the windows.

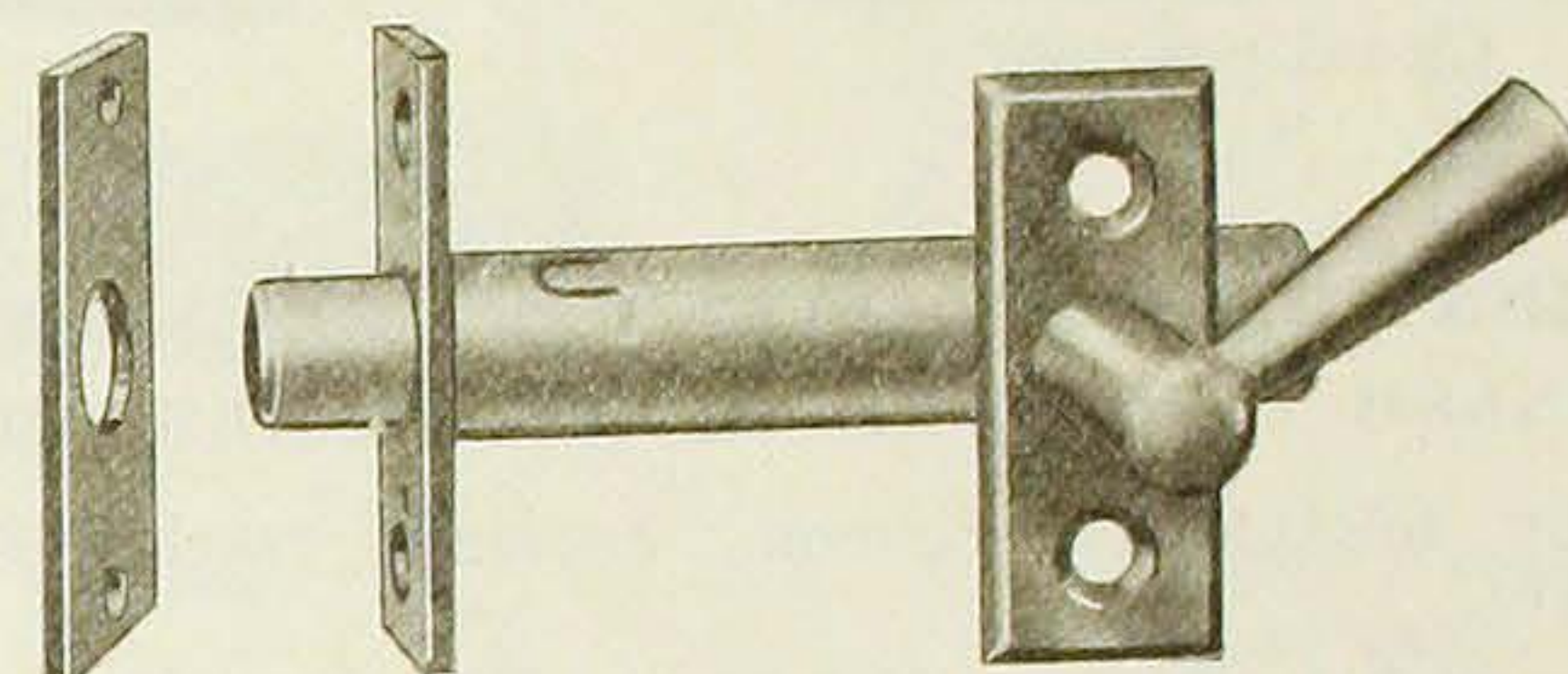
Polished Brass	...	...	...	3/6 each.
C. B. & R. on Brass	...	...	...	4/- "
Bronze Metal Antique	...	...	...	4/9 "
Oxidized Silver on White Metal	...	...	...	5/8 "
Best Malleable Iron Keys	...	...	...	1/3 each extra.

MORTICE DOOR BOLTS.



No. PHS 3120 2 3/8" Mortice Bolt, 1/2" diameter with knob, Back-Plate, Fore-end and Striking Plates, 3/4" x 1 1/4". Knob 1 1/8" x 1 3/8". Projection 7/8".

	dozen.	each.
Brass...	29/-	2/8
C.B.&R. or B.M.A. on Brass	32/6	3/-



No. PHS 3121 3" Mortice Bolt, 1/2" diameter with Lever Handle, Back Plate 1 1/8" x 1 3/8", Fore-end and Striking Plate, both 2" x 3/4". Length overall of handle 1 3/4". Projection 1".

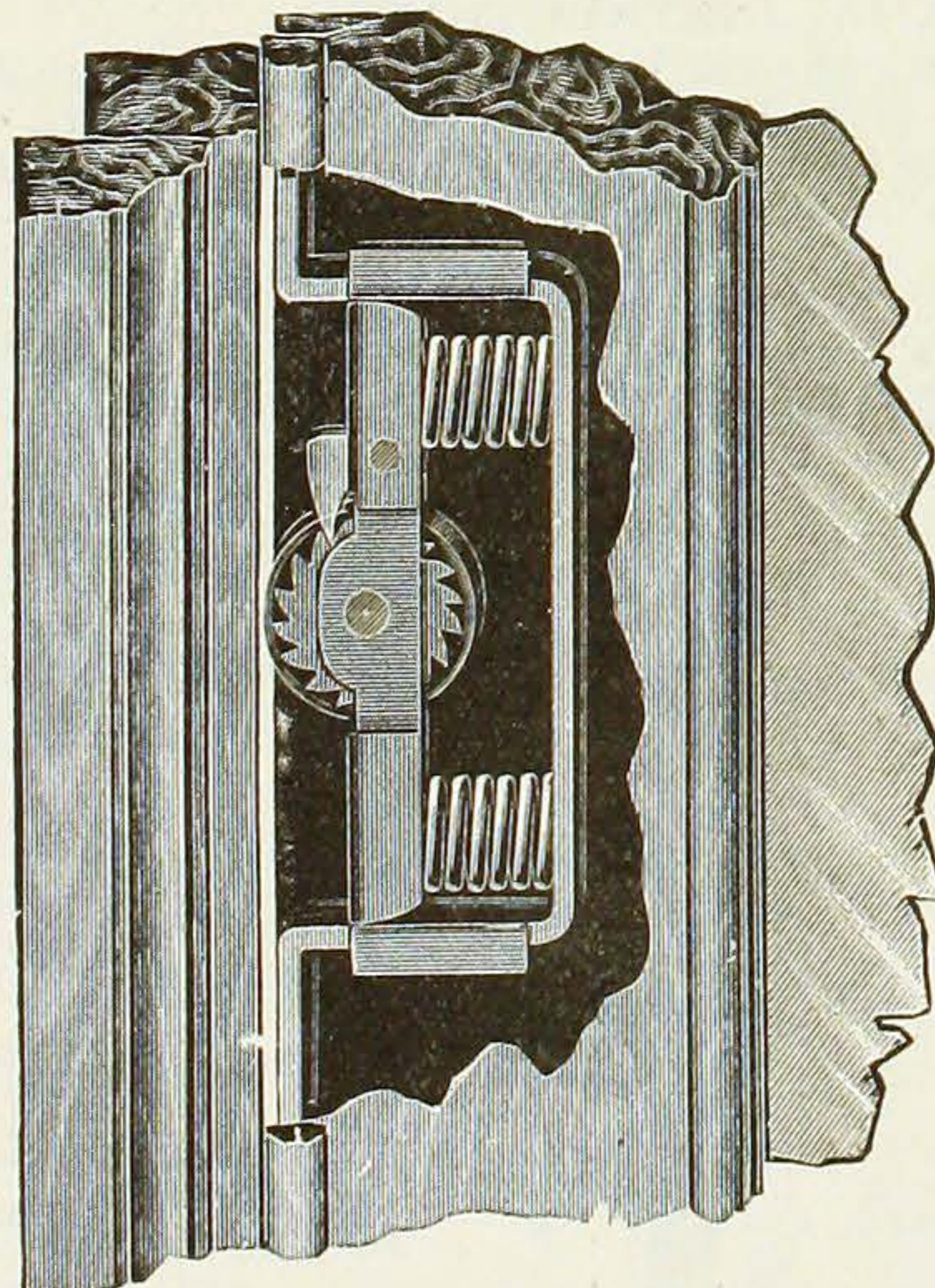
	dozen.	each.
Brass	36/9	3/3
C. B. & R. or B.M.A. on Brass	42/-	3/9

The "Forward" Patent Automatic Sash Holder.

British Manufacture.

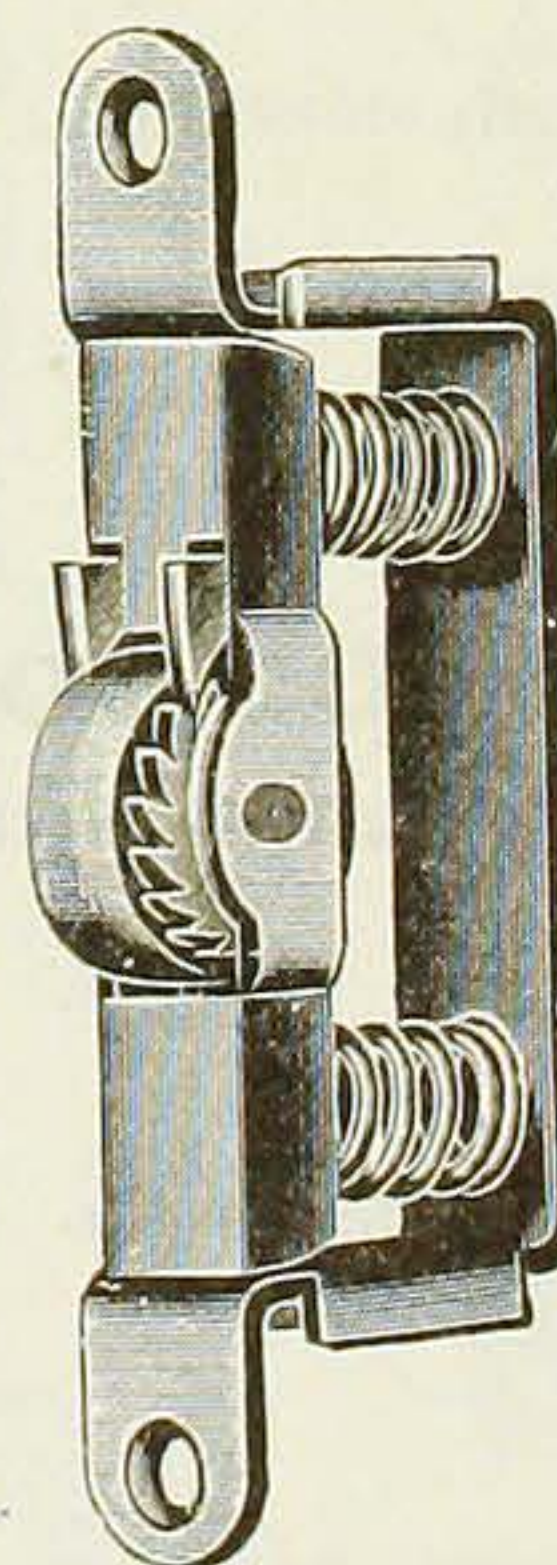
Frame Action, to fix in Frame.

Sash Action, to fix in Sash.



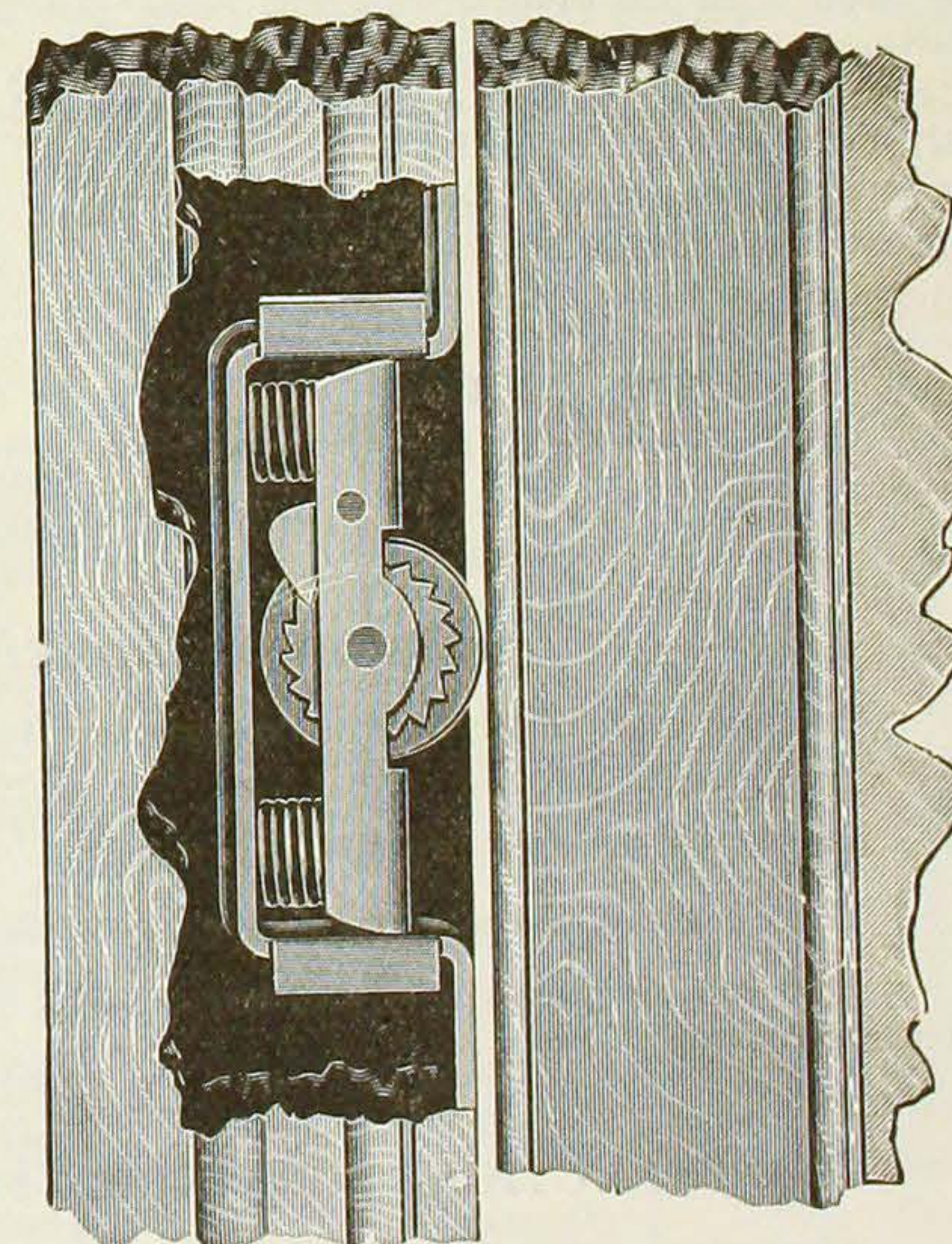
Directions for fixing.

Fix Holder in sash by mortising in centre, on each side; the round ends flush with the sash surface. The Holder must be inserted **Top up**; then put sash in place and press back holder until it slips into position. When fixing it is most important to note that the pulley-stile is clean and even, and that the stop-beads do not pinch the sash.



For sashes up to 10 lbs. use set of No. 0 holders.
 " " 20 " " No. 1 "
 " " 35 " " No. 2 "

For very light windows, serving hatches, etc., a few lbs. in weight use size No. 00.



No. PHS 6643

The "FORWARD" Patent Sash Holders dispense with sash weights, cords, balances, and yet hold the window, both upper and lower sashes, firmly in any position. They prevent the danger of windows falling, with the attendant damage to the glass and the fingers. The shrinking or swelling of the sash is of little consequence, as the sash holder adjusts itself automatically and prevents the window rattling. Old windows are greatly improved by this fitting. Dispensing with sash weight pockets allows the maximum amount of light space to be obtained. The price is considerably lower than cords and weights, and there is a saving of labour and material in making frames and sashes, by omitting the pockets, grooves, etc., also the labour of fitting and adjusting windows, as the sashes, after the automatic holder is inserted, are easily slipped into frames, and stop beads fixed.

How it Acts.

The body of the Holder is formed of a frame in two portions, made by special machinery, from sheet steel, in the front part of which is a small wheel. The binding or holding friction pressure is obtained by means of two galvanised steel springs, which are held securely in place by large bosses. The binding or holding friction pressure is obtained by means of two galvanised steel springs, which are held securely in place by large bosses. When the sash is being raised, the wheel freely revolves, but when the lifting ceases, one or other of the stamped top and bottom in both plates. When the sash is being raised, the wheel freely revolves, but when the lifting ceases, one or other of the hanging pawls immediately arrests the rotary action of the wheel, and the sash is instantly maintained at any desired position, without any drop. Under certain conditions, where for example, there is not room in the pulley stile to fix the ordinary pattern sash action, we advise users to fix the frame action sash holders. They are supplied in all sizes Numbers 00, 0, 1, 2 at the same price.

No. PHS 6643 Size Numbers 00, 0, 1 and 2 ... 7/6 per set of four.

The "Pivota" Patent Sash Pivot (Thompson's Patent No. 25913.)

No. PHS 6645

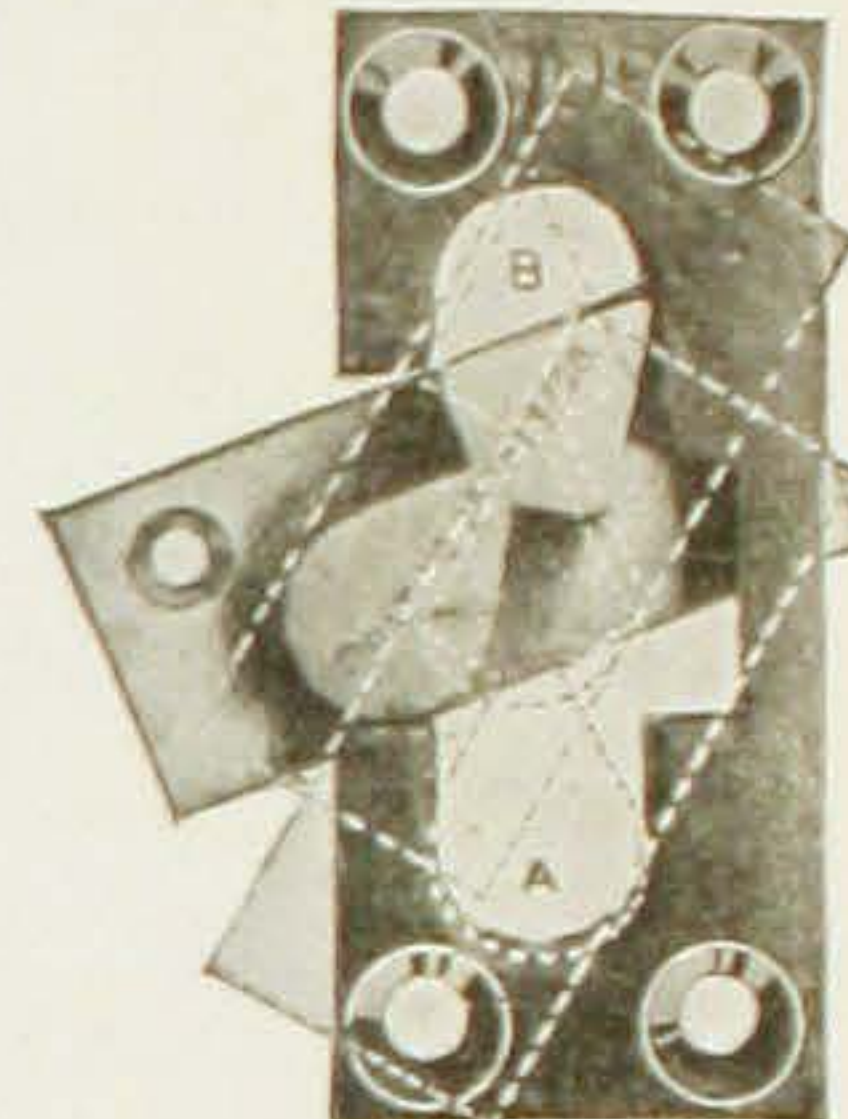
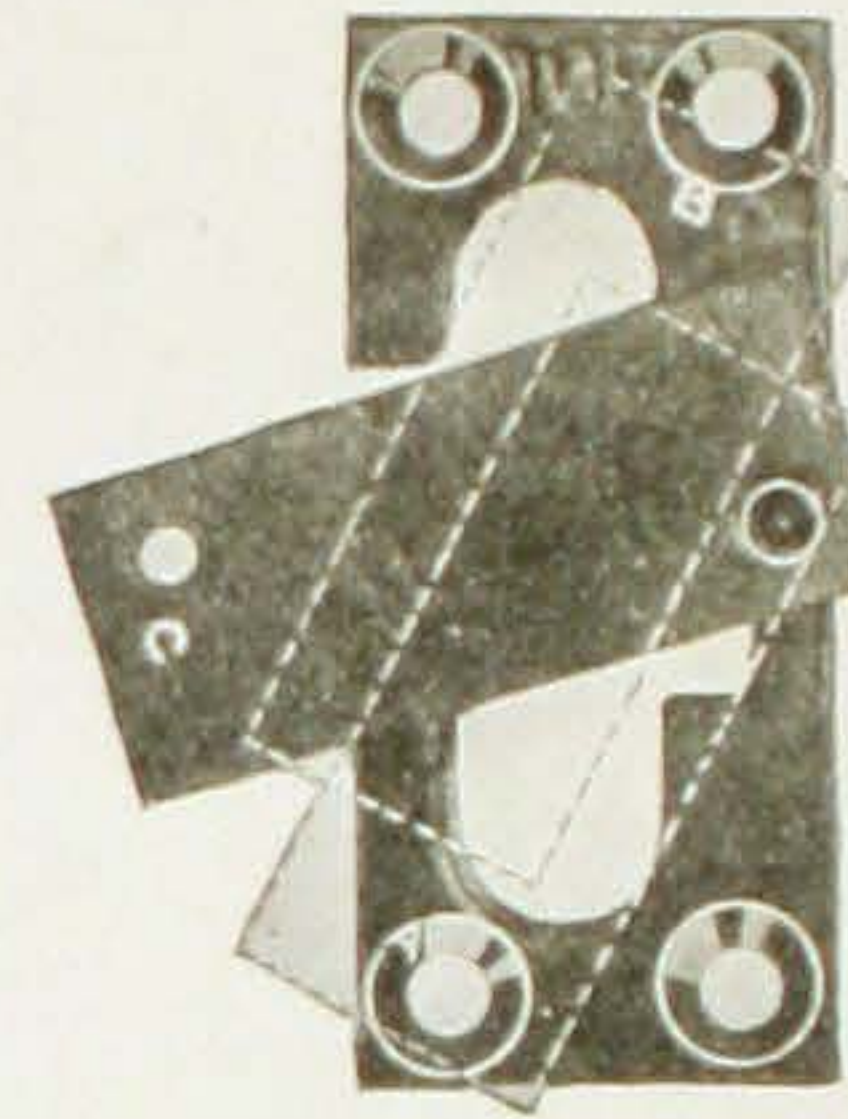
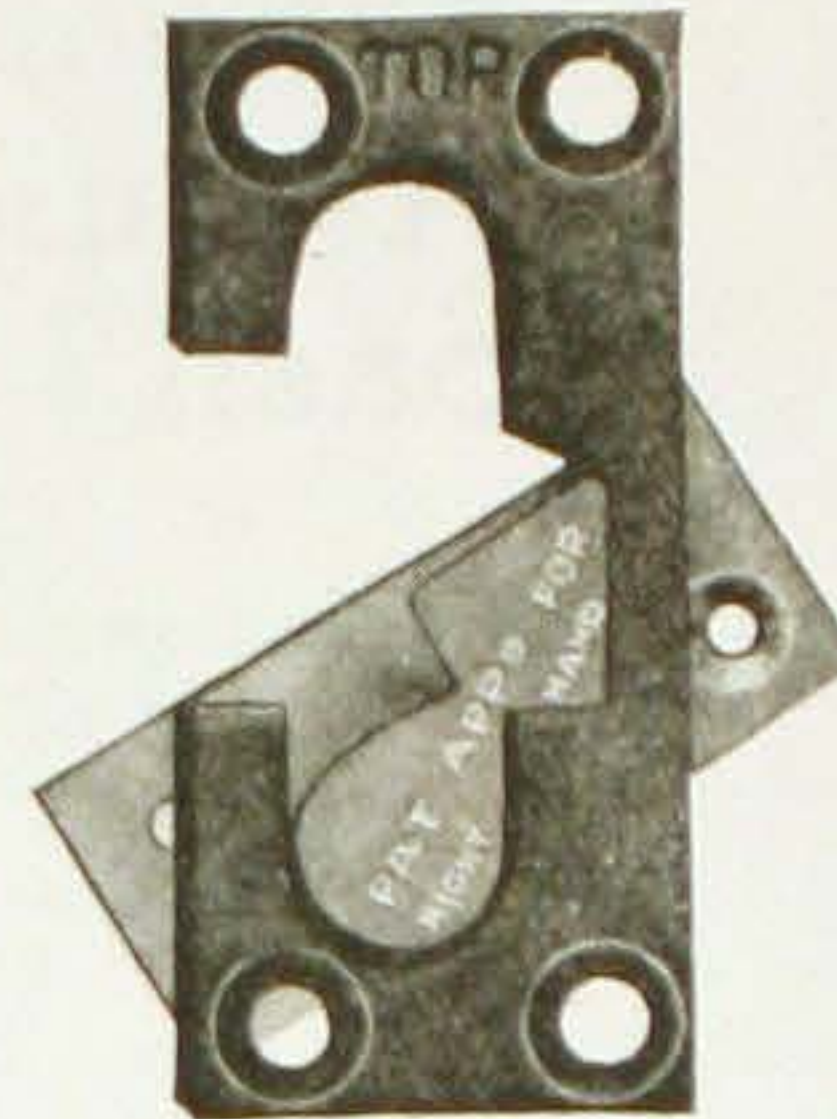
MAKES BEADING OPTIONAL.



Closed position.



Open position.



Extracting position.

A COMBINATION OF MALLEABLE IRON AND GUN-METAL IN A SASH PIVOT FOR HEAVY SASHES SIDE HUNG.

Specially suitable for Schools, Asylums, Institutions, Tuberculosis Sanatoria, etc.

Window Sashes are mounted by means of projections on the Sash Plates being pivotally inserted within a recess of the Frame Plate, the shoulders of the bearings limiting the amount of pivotal movement of the sash.

The Sash Plate, with its accompanying Pivot, working inside the Frame Plate, secures a proximity of the Sash to the Frame, hitherto unattained and **makes beading optional**. This is a distinct advantage over the usual method of Sash and Frame Plates merely working alongside each other. Beading, however, may be used for better weathering.

The Sash can be readily inserted and removed by anyone from the Frame when Frame Plates are fixed, but there is no possibility of the Sash becoming accidentally dislodged of itself nor will "jumping" occur if the Sash is opened suddenly.

The opening in the Frame Plate allows sufficient clearance to permit of the Sash with its Pivot Projection being put in or extracted without difficulty.

The Frame Plates have countersunk screw holes both sides and consequently may be fixed on either side.

The Pivot and Stop, forming the Sash Plate, being cast in one piece, give greater resistance to "shearing."

(a) The Sash is half opened.

(b) Pushed upwards.

(c) Extracted Sill first.

The Sash Pivot Plates being of Cast Gun-Metal, and the Frame Slot Plates being of Cast Malleable Iron, best blacked, ensure smoothness in working.

The "Pivota" Sash Pivot provides in a small compass a large bearing area for the movement of the Pivot so that the Sash moves through 60° and when "fully open" is at an angle of 30° to the horizontal.

SIZES. No. PHS 6645

Frame Plate. 1 7/16" wide x 3 1/8" long x 1/2" thick. Opening, max. length 2 1/4", max. width 1 1/4", top and bottom arms of opening are 5/8" wide x 1/2" deep (centre measurement). Recess at back 1/4" deep x 3/4" long.

Sash Plate. 1" wide x 2 1/4" long x 5/16" thick, 5/8" thick at projection, Length of arrow pivot 1 1/2", max. width 5/8"

PRICES. No. PHS 6645

Castings dressed and Frame Plate finished B.B. 3/6 per set of 4 pieces.
Rough finished, .. 3/-
SMALLER SIZE, 2 1/4" x 1" overall, No. PHS 6662 2/8

FIXING INSTRUCTIONS.

IMPORTANT. When fixing the Frame Plates, the side with a break should be outermost. The Pivot Plates should be screwed to their respective sides of the Sash, looking from outside as indicated by "Right Hand" or "Left Hand" marked on the Pivot Plate.

The "Securit" Pivot for Centre Hung Sashes

No. PHS 6588

METHOD OF WORKING.

The one Plate or Pivot is so constructed (loose on the Pin) so as to allow for contraction.

The Plates are rust proofed.

There is more and more rigidity as movement progresses.

The Spring gives the necessary tension to keep the Sash in any required position.

INSTRUCTIONS FOR FIXING—FIX FROM INSIDE.

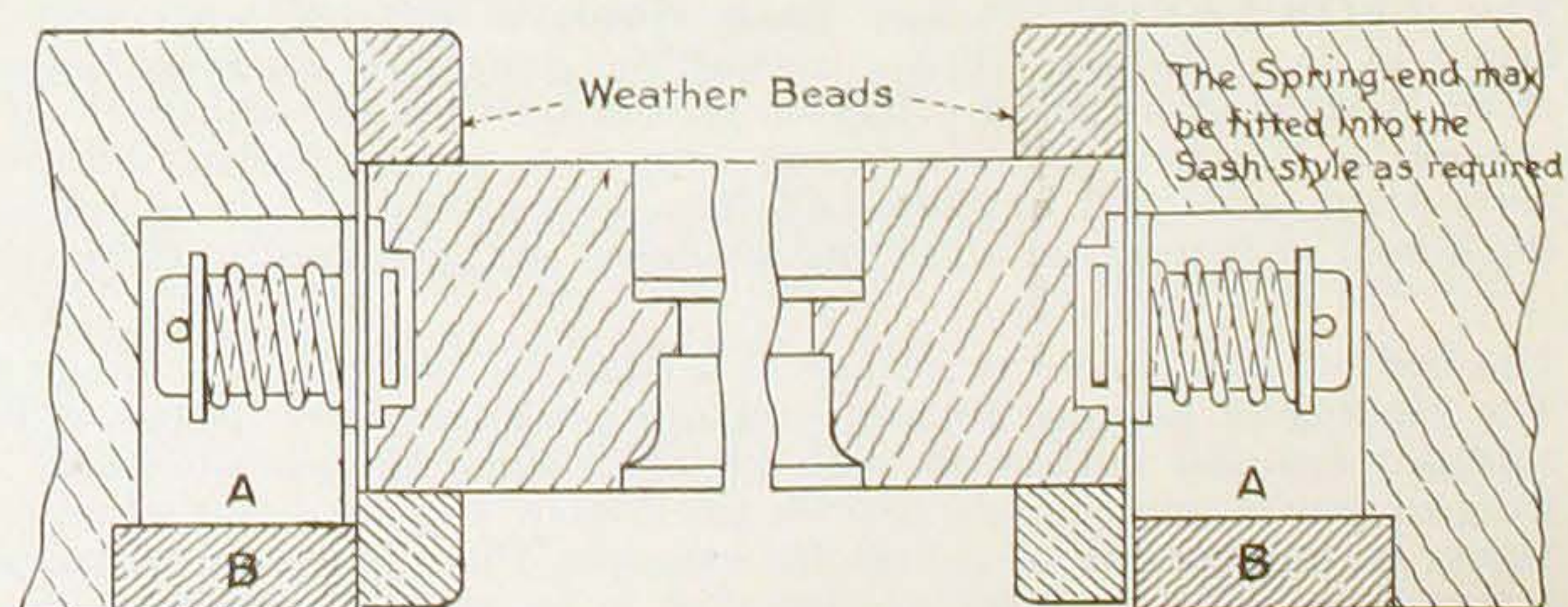
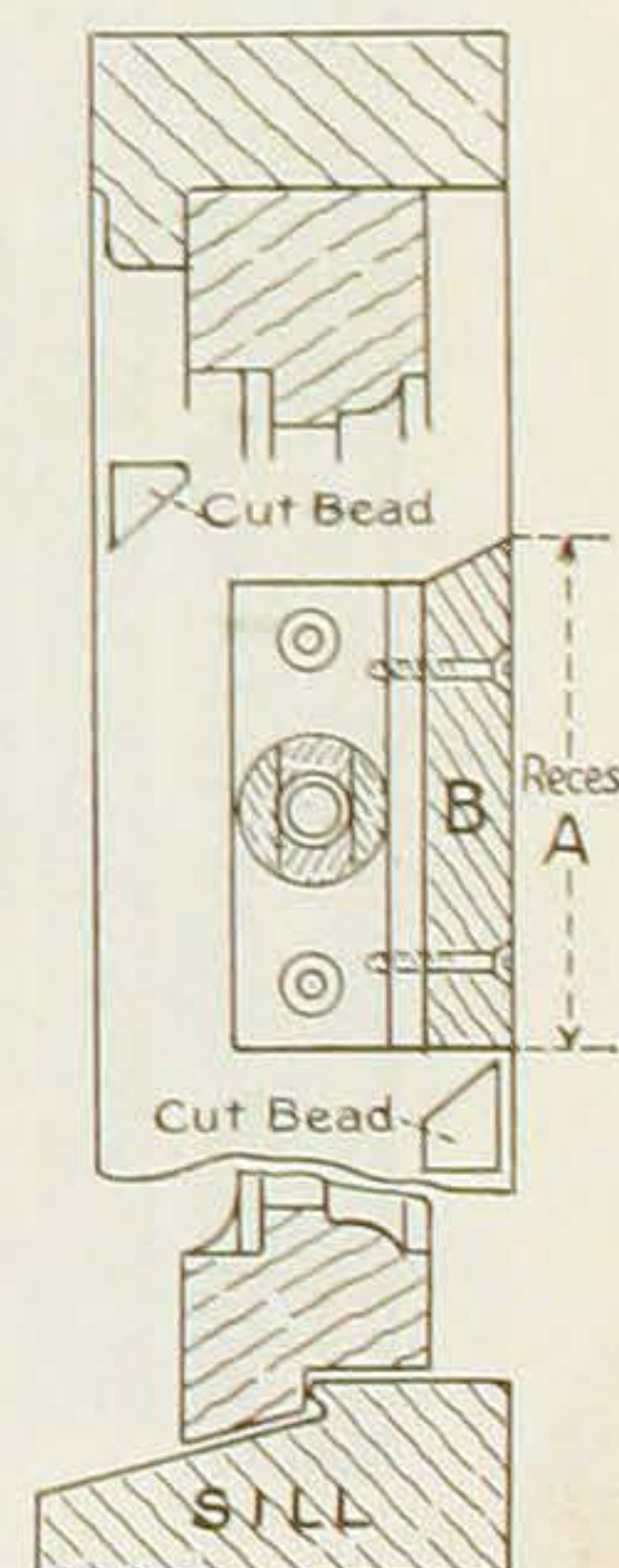
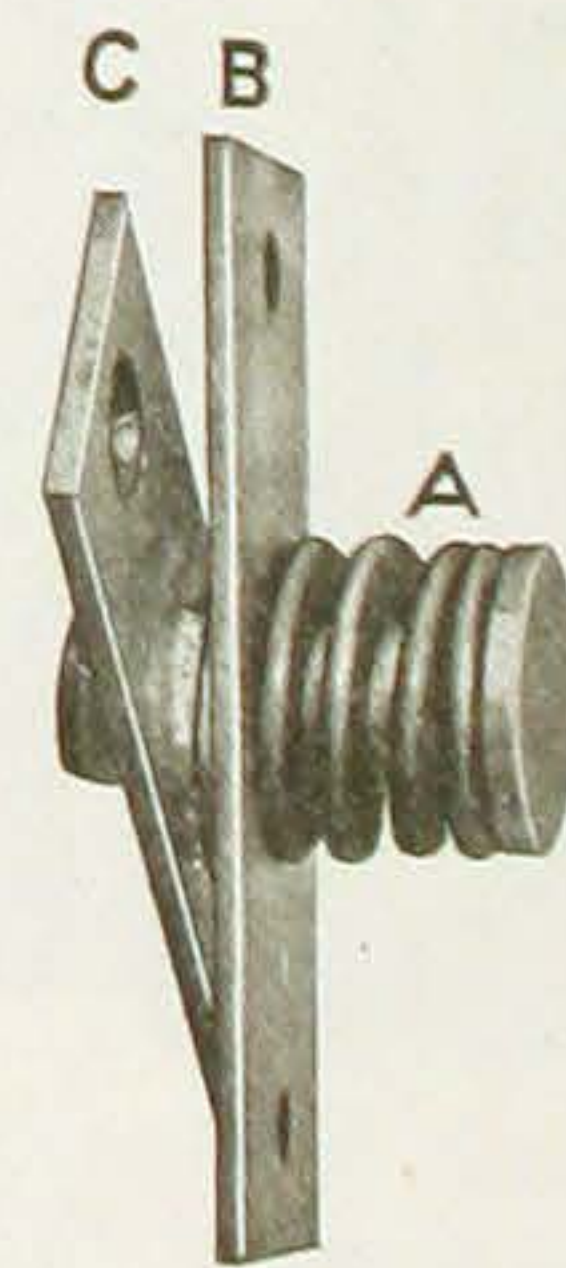
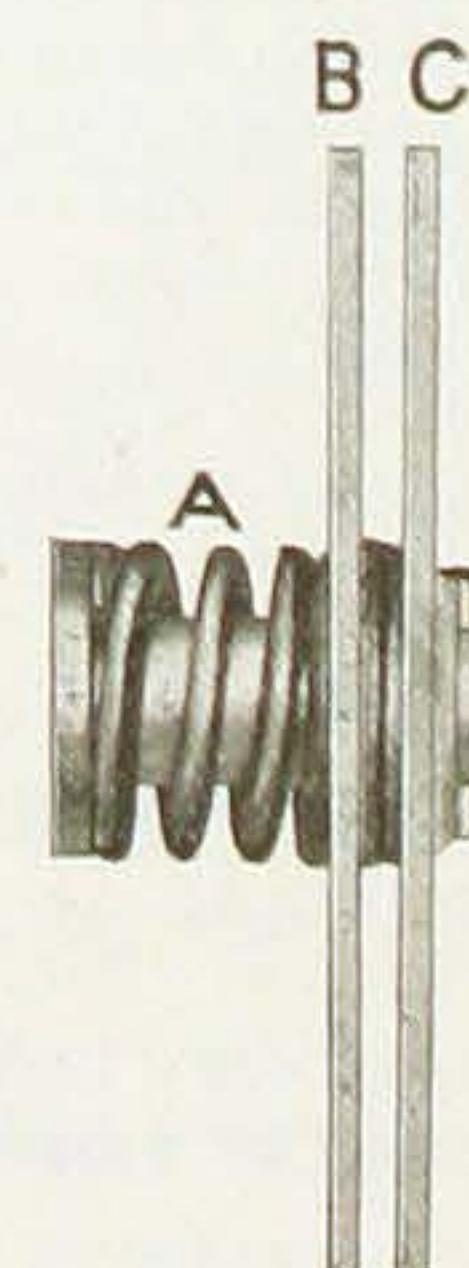
After morticing the Frame for its reception in the centre insert the Spring A and screw Plate B to Frame.

Plate C when in the horizontal position is screwed to the Sash, which also has been slightly morticed to take the thickness of the Plate.

Repeat operations on opposite side.

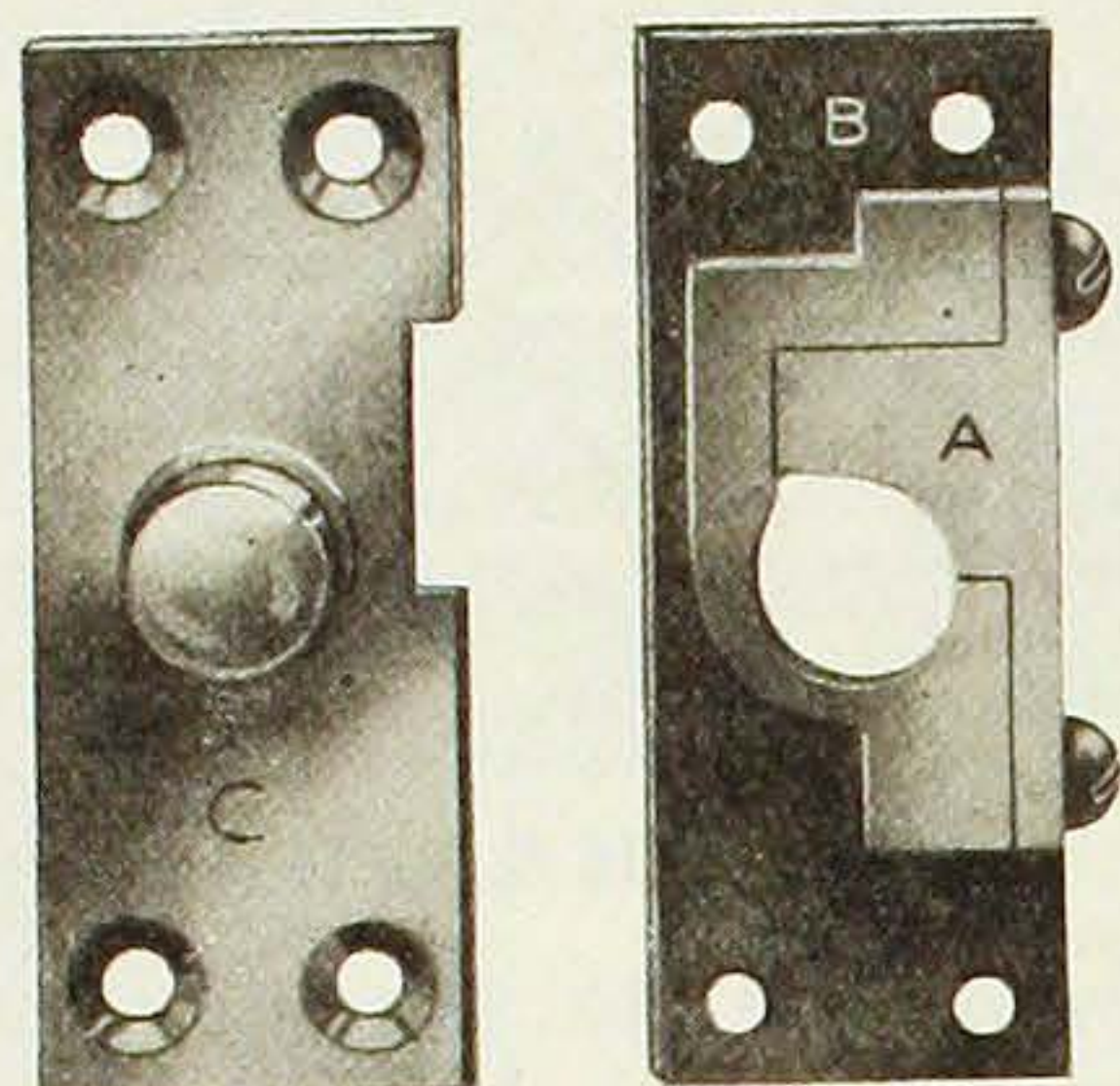
A Fanlight Opener as our Nos. PHS 1681 or PHS 1836 series (both illustrated on page 215), can be fitted as a security.

No. PHS 6588 Price 4/6 per pair.



Sash Pivots, Screws, Rollers, etc.

*Stocked only in Brass, or where only priced in one finish, Gun-Metal, Malleable Iron and Japanned respectively.

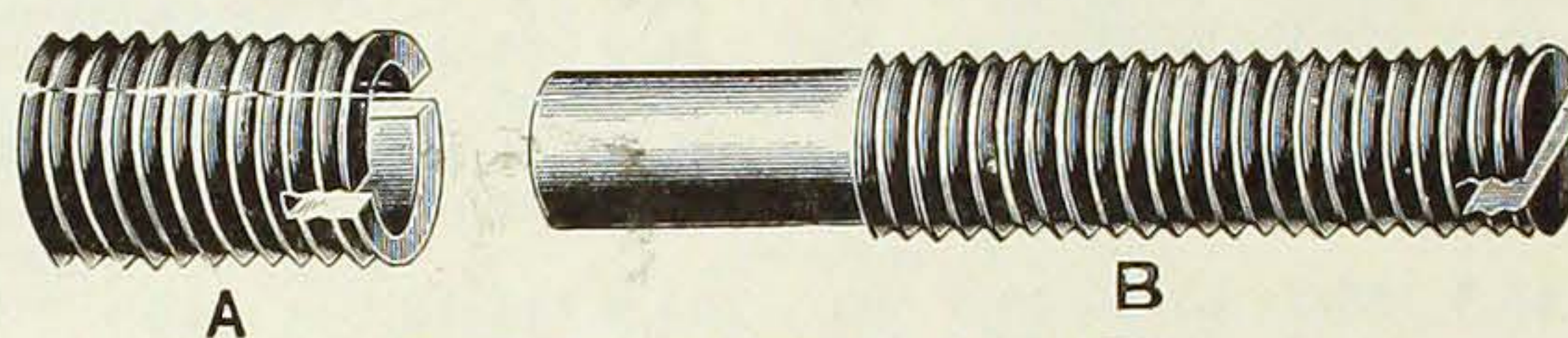
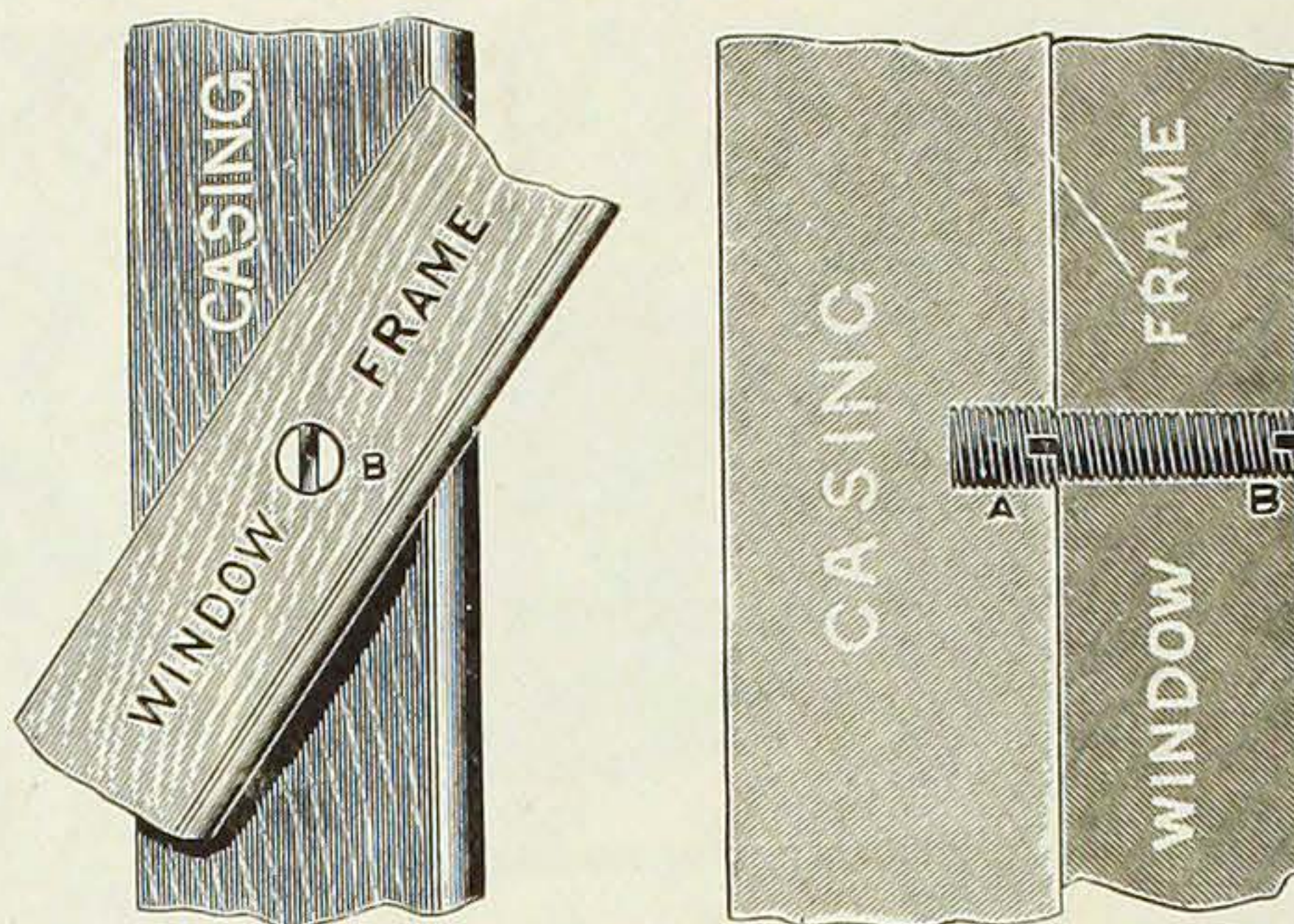


No. PHO 6649 Improved Pivot Centre.

The portion A being screwed on to the Face of the Plate B prevents the Centre C, from being jerked out, should the Fanlight be shut too quickly. It ensures the closer fitting of the Fanlight, for a better fit is obtained round the Centre Pin.

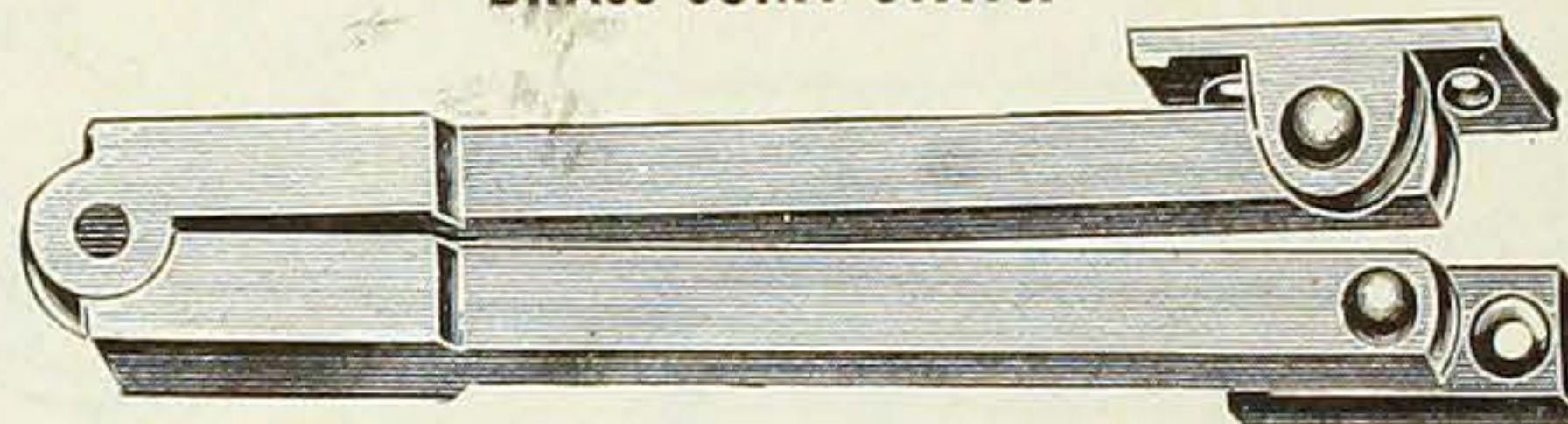
Gun-Metal (Steel Pin), Size $2\frac{1}{2}'' \times 1''$, $\frac{3}{4}''$ per set of four pieces.

PATENT SCREW SASH PIVOTS.



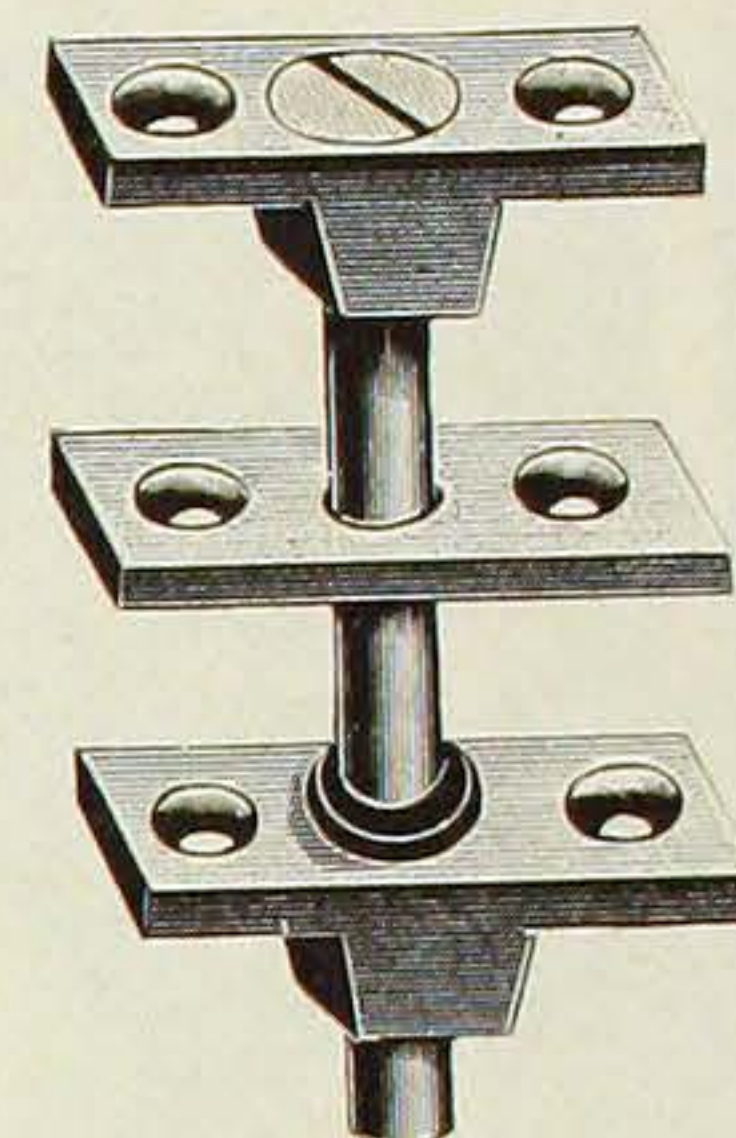
No. PHS 6651 Per dozen sets of Four Pieces.
For .. $1\frac{1}{2}''$ 2" sashes.
Gun Metal .. $8/3$ $9/4$
All Iron .. $8/6$ $9/3$

BRASS JOINT STAYS.



No. PHS*1813
Measured when closed. Handed. Per dozen.
 $2\frac{1}{2}''$ $3''$ $3\frac{1}{2}''$ $4''$ $4\frac{1}{2}''$ $5''$ $5\frac{1}{2}''$ $6''$ $7''$ $8''$ $9''$
Brass $16/10$ $18/10$ $21/-$ $23/2$ $25/2$ $29/6$ $31/6$ $33/8$ $37/10$ $42/-$ $46/2$
B.M.A. $23/2$ $26/-$ $29/-$ $31/9$ $34/8$ $40/6$ $43/4$ $46/3$ $52/-$ $57/9$ $63/6$
For Malleable Japanned, see page 216.

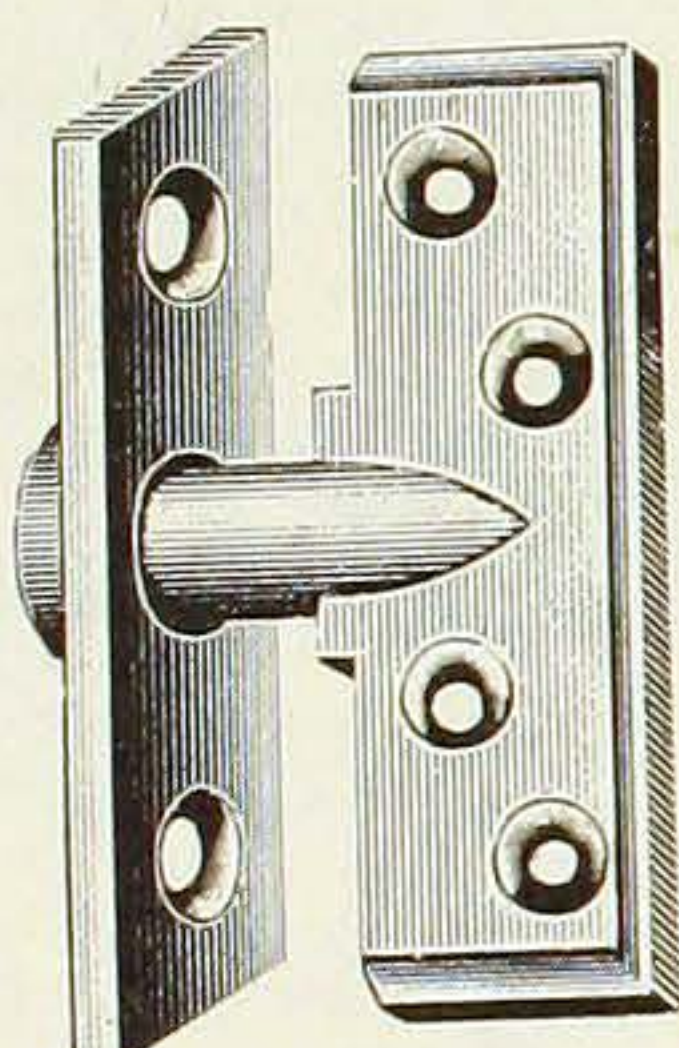
STEEL SCREWS.



No. PHS 4223

Per dozen sets.
Size of Screw. Iron. Brass. Bronze Metal.
 $3'' \times \frac{1}{4}''$ $11/6$ $20/3$ $21/10$
 $3'' \times \frac{3}{8}''$ $14/-$ $24/6$ $27/3$
 $4'' \times \frac{1}{2}''$ $19/3$ $36/9$ $40/3$
Stocked only in Iron and Brass.

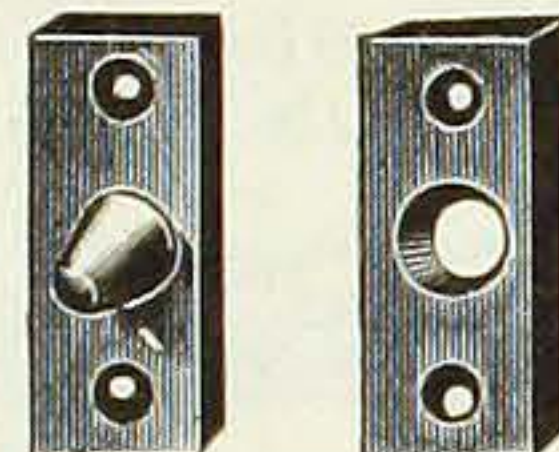
SASH CENTRES.



No. PHO 4225

Brass. Metal.
 $2\frac{1}{2}'' \times \frac{1}{4}''$.. $21/-$ $24/6$
 $2\frac{1}{2}'' \times \frac{3}{8}''$.. $24/6$ $29/-$
dozen sets.

STUBBS & PLATES.



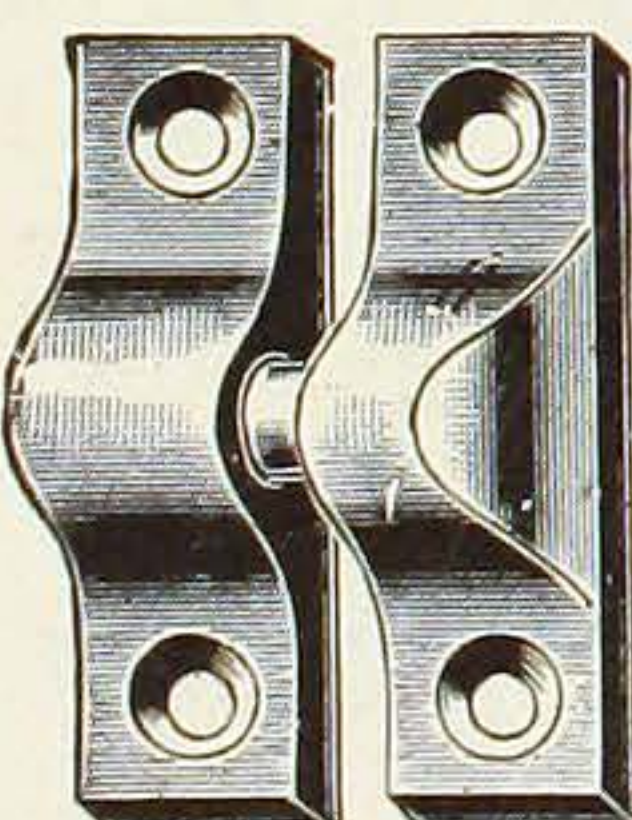
No. PHS 4226

$2'' \times \frac{1}{4}''$ $2\frac{1}{2}'' \times \frac{1}{4}''$ $2\frac{1}{2}'' \times 1''$
 $20/3$ $22/-$ $23/8$
Per gross of two pieces.

MALLEABLE IRON FANLIGHT CATCHES.

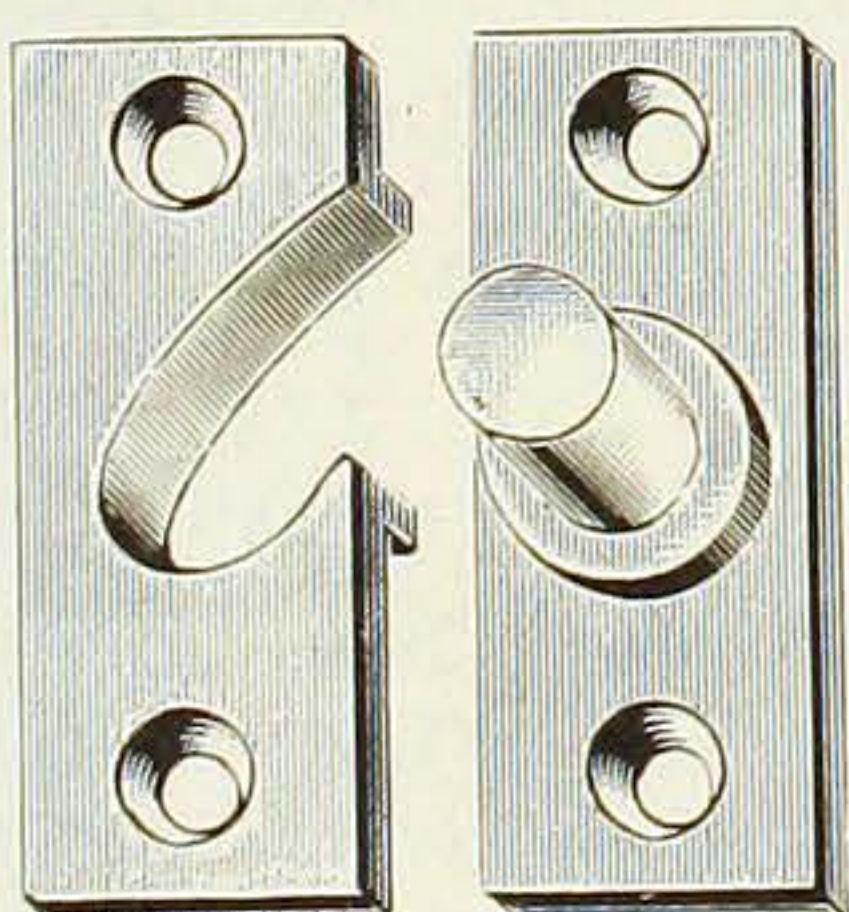


Japanned, with Gun-metal Shoots.
Plate $1\frac{1}{2}''$ long $\times$ $1\frac{1}{2}''$ wide.
No. PHS 1918 $22/-$ per dozen.
If with Flush Plate instead of Staple.
No. PHS 1917 $21/-$ dozen.



No. PHS*1818

Per dozen sets.
Brass $12/3$ $16/-$ $24/6$ $36/9$
C.B. & R. on Brass $16/3$ $19/9$ $25/6$ $42/-$
B.M.A. $16/8$ $21/-$ $33/3$ $49/-$
per dozen.
No. PHS 6382 Japanned.
Size .. $2\frac{1}{2}'' \times 1''$ $5'' \times 1\frac{1}{2}''$
 $4/4$ $16/-$ doz.



No. PHS 1817

Stocked only with Steel Pins.
Four pieces to a set.

Size.	Brass.	Gun-Metal.	Steel Pins.	doz. sets
$1\frac{1}{2}'' \times \frac{1}{4}''$	$12/3$	$16/-$	$15/9$	" "
$1\frac{1}{2}'' \times \frac{3}{8}''$	$14/-$	$18/8$	$17/2$	" "
$2'' \times \frac{1}{4}''$	$14/8$	$17/6$	$17/6$	" "
$2\frac{1}{2}'' \times \frac{1}{4}''$	$16/8$	$20/3$	$22/-$	" "
$2\frac{1}{2}'' \times \frac{3}{8}''$	$19/4$	$24/6$	$26/3$	" "
$2\frac{1}{2}'' \times 1''$	$21/-$	$27/3$	$29/-$	" "
$2\frac{1}{2}'' \times 1\frac{1}{2}''$	$23/-$	$29/-$	$32/-$	" "
$3'' \times 1''$	$26/4$	$30/8$	$32/6$	" "
$3'' \times 1\frac{1}{2}''$	$30/-$	$36/10$	$43/10$	" "
$3'' \times 1\frac{1}{2}''$	$31/6$	$40/4$	$47/4$	" "

No. PHS 6381

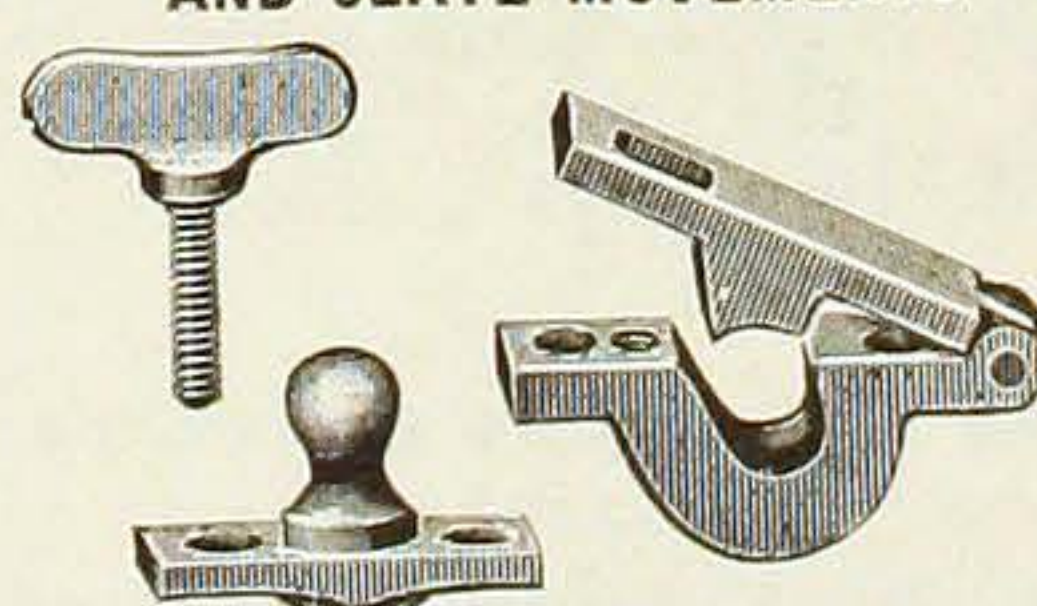
Japanned Iron.

$2'' \times \frac{1}{4}''$.. $3/6$ doz. sets.
 $2\frac{1}{2}'' \times \frac{1}{4}''$.. $3/8$ " "
 $2\frac{1}{2}'' \times 1''$.. $4/2$ " "
 $2\frac{1}{2}'' \times 1\frac{1}{2}''$.. $4/10$ " "
 $3'' \times 1''$.. $5/8$ " "

No. PHQ 9015 Wrought Steel.
Slightly different from illustration.

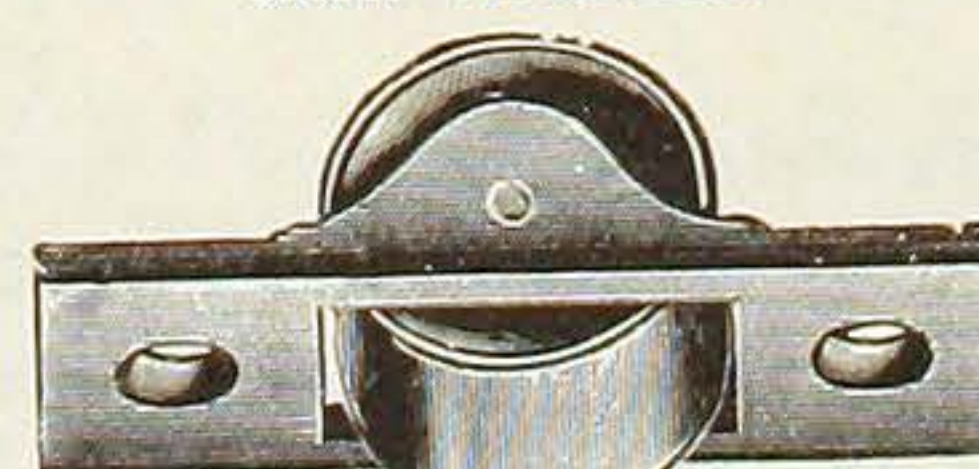
Plate $1\frac{1}{2}''$ wide. 12 gauge.
 $\frac{3}{8}''$ steel pins, $12/3$ dozen sets.
Plate $1''$ wide. 12 gauge.
 $\frac{1}{8}''$ steel pins, $11/6$ dozen sets.

BLACKBOARD AND SLATE MOVEMENTS.



No. PHQ 6647 Light.
Front Plate, $3'' \times \frac{1}{4}''$.
Berlin Black, $5/3$ per pair.
No. PHQ 6648 Strong.
Front Plate, $5'' \times 1''$.
Berlin Black, $8/9$ per pair.

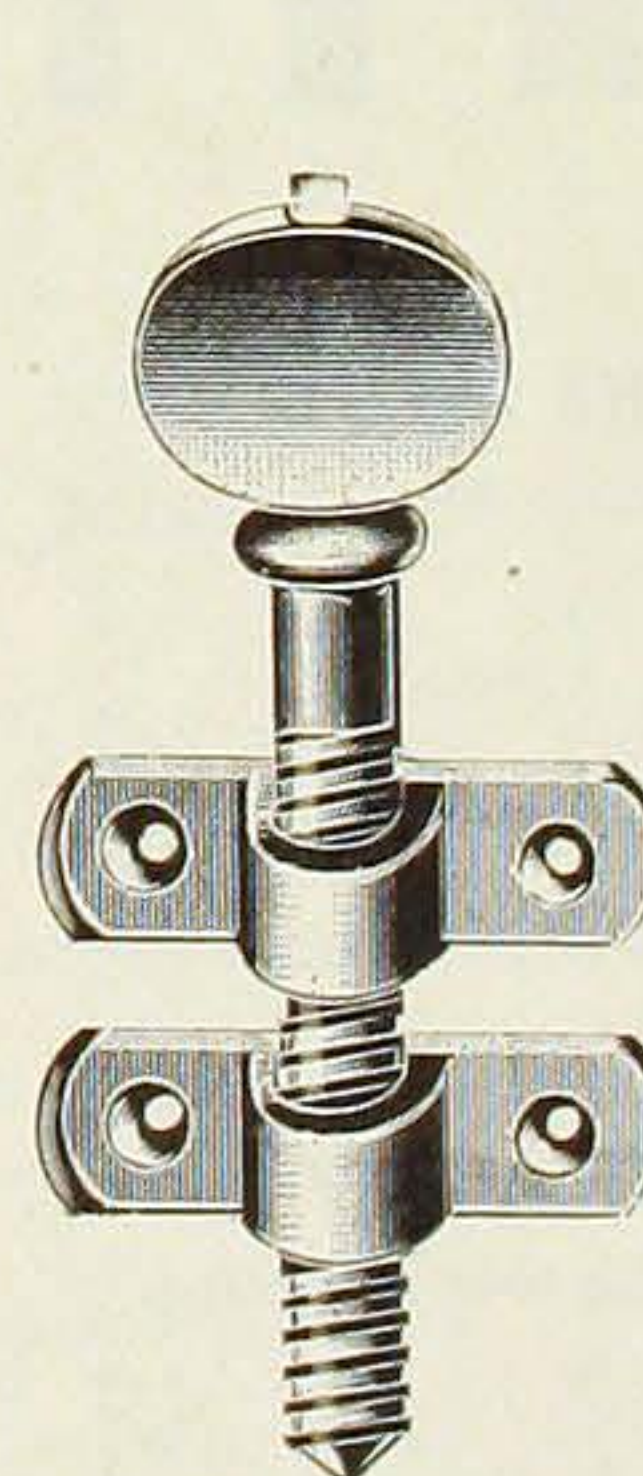
SASH ROLLERS.



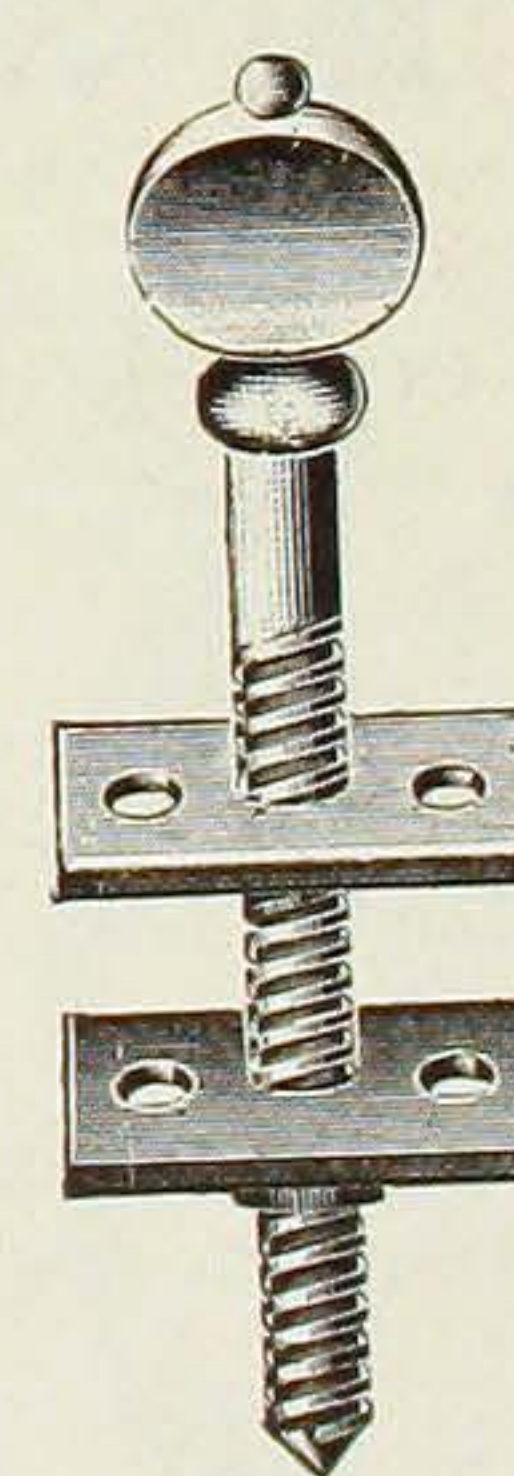
No. PHS 6401
Flat Iron Bowl. Japanned.
 $\frac{1}{2}''$ $\frac{3}{4}''$ $1''$ $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $3''$
 $4/9$ $6/-$ $7/2$ $8/9$ $13/6$ dozen.

BRASS SASH SCREWS.

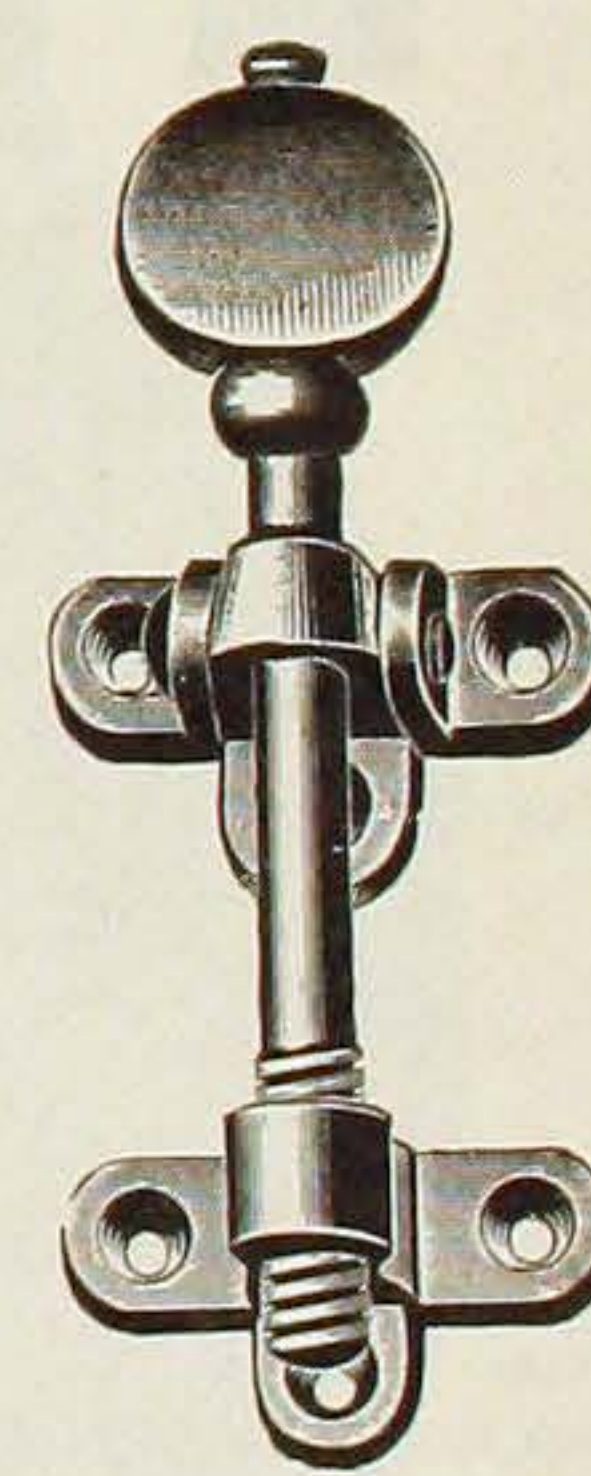
Iron Screw. Brass Thumb Bit.



No. PHS 2637
Polished.



No. PHS 2631
V Thread.



No. PHS 2638

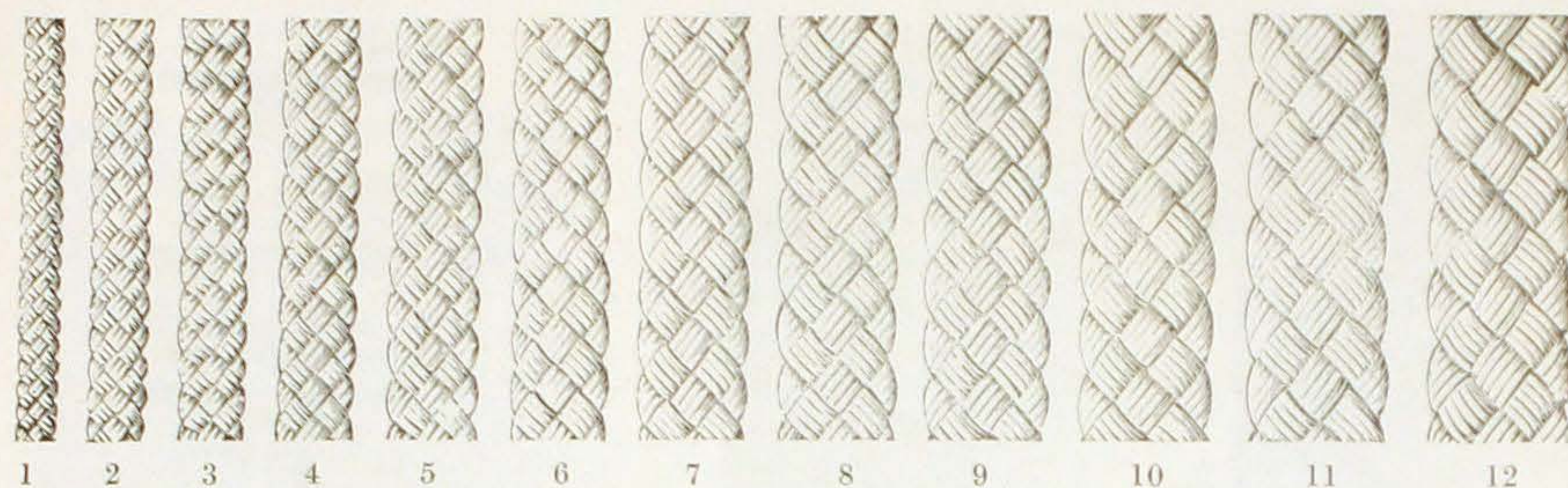
No. PHS 2632

Square Thread.

Size	$2''$	$2\frac{1}{2}''$	$2\frac{1}{2}''$	$2\frac{3}{4}''$	$3''$	$3\frac{1}{2}''$	$3\frac{1}{2}''$	$4''$	$4\frac{1}{2}''$	$5''$
No. PHS 2637	—	—	$7/-$	$7/6$	$7/9$	—	—	—	—	—
No. PHS 2631	—	—	$12/-$	$12/3$	$12/9$	—	—	—	—	—
No. PHS 2632	$3/7$	$3/9$	$4/-$	$4/2$	$4/3$	$4/6$	$4/8$	$5/-$	—	—
$\frac{1}{2}''$	$5/3$	$5/6$	$5/8$	$5/10$	$6/-$	$6/2$	$6/4$	$7/-$	—	—
$\frac{3}{8}''$	$6/-$	$6/2$	$6/4$	$6/7$	$6/9$	$7/-$	$7/2$	$7/8$	—	—
$\frac{1}{4}''$	$7/-$	$7/6$	$7/8$	$8/1$	$8/6$	$8/9$	$9/2$	$10/2$	$11/2$	$12/3$

No. PHS 2638 Size $\frac{1}{8}''$.. $14/-$ dozen.
" " $\frac{3}{8}''$.. $17/6$ "

Sash Line, etc.

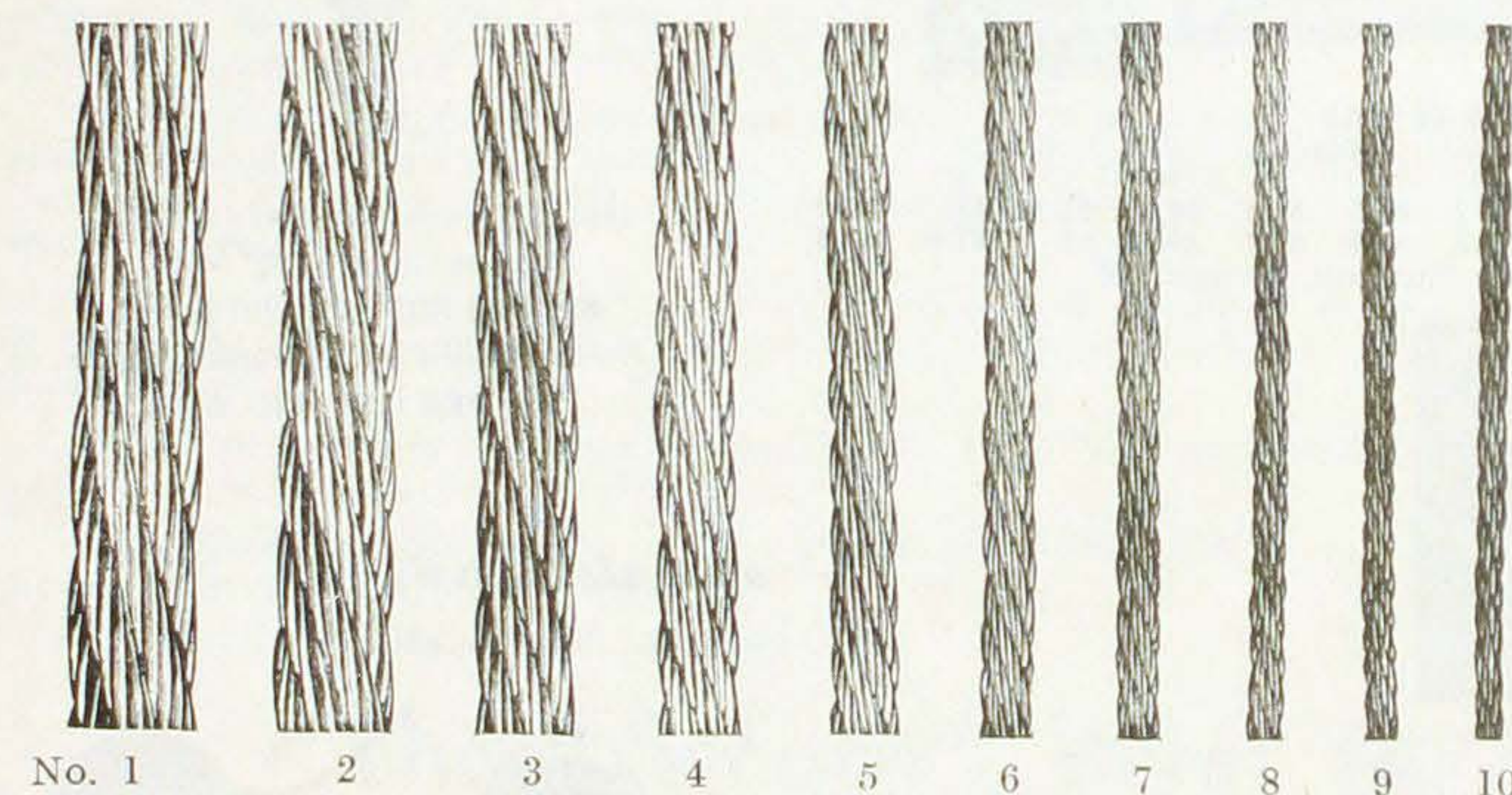


No. PHS 2659 Plaited Sash Line. Prices per gross yards.

	1	2	3	4	5	6	7	8	9	10	11	12
White Jute	6/7	7/6	9/8	11/-	14/-	17/2	19/9	22/-	24/6	27/3	29/9	32/6
Best Hemp	9/8	10/6	13/2	16/3	19/9	23/8	28/-	32/6	36/9	41/2	45/6	50/-
Super Flax	11/-	11/10	15/4	18/10	22/9	28/-	33/3	38/6	43/9	49/-	54/3	59/6
Flax (Yellow Label)	12/9	15/-	19/3	24/9	31/6	38/6	45/2	52/2	58/9	65/10	—	79/8
Best Flax (Red Label)	15/-	18/-	23/3	29/9	37/9	46/3	54/3	62/7	70/6	79/-	—	95/6
Best Fine Twine	—	—	—	—	—	—	—	—	—	—	—	—
(Green Label)	16/3	24/6	34/2	43/9	55/7	67/10	79/8	92/-	103/9	115/10	—	140/1
Extra Fine Twine	—	—	—	—	—	—	—	—	—	—	—	—
(Blue Label)	24/2	38/2	57/4	76/6	95/5	114/3	133/6	151/10	170/8	189/6	—	228/-

WIRE CORDS

For Sash Lines, Tennis Courts, Hot Houses, etc.



COPPER. No. PHS 2656

Breaking Strains: Four times the working load.

No.	1	2	3	4	5	6	7	8	9	10
Circum.	1 1/8"	1"	3/4"	5/8"	1/2"	3/8"	1/4"	3/16"	1/8"	5/32"
Work. load	532	392	259	196	133	77	49	30	24	19 lbs.
Per 100 feet	55/3	42/9	37/2	27/3	18/3	14/9	12/3	11/3	10/6	9/9

Less than 100 feet of a size 5 per cent. extra.

GALVANISED. No. PHS 2657

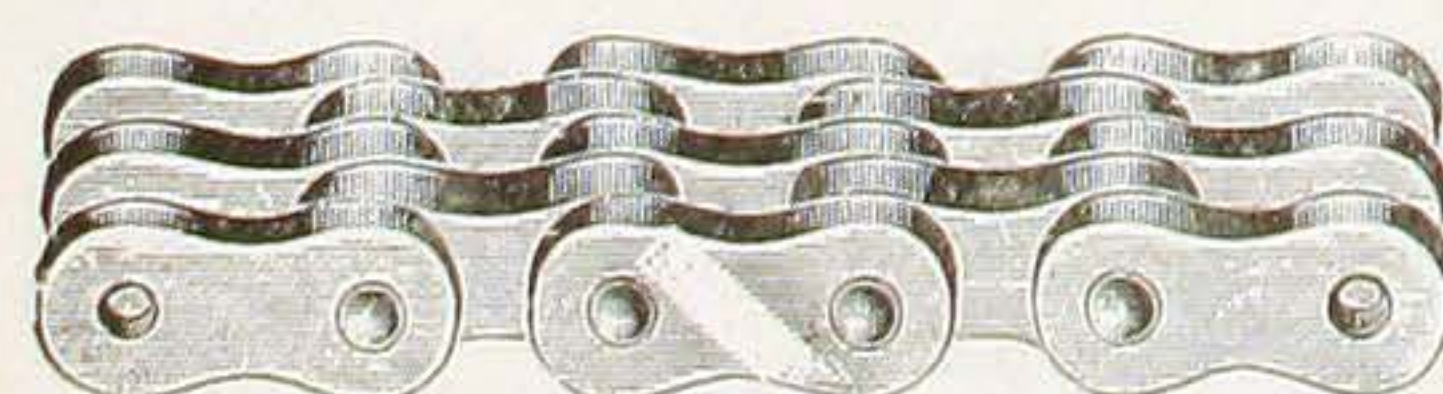
Breaking Strain: Four times the working load.

No.	1	2	3	4	5	6	7	8	9	10
Circum.	1 1/8"	1"	3/4"	5/8"	1/2"	3/8"	1/4"	3/16"	1/8"	5/32"
Work. load	675	450	335	225	155	90	60 lbs.	—	—	—
Per 100 ft.	18/10	16/9	9/9	8/9	8/9	8/9	8/9	8/9	8/9	8/9

Less than 100 feet of a size 10 per cent. extra.

PATENT SPUN RIVET SASH, SHUTTER & TELEGRAPH CHAIN.

Made up in 20 yard parcels. Size 4.



No. PHS 2652 Copper.

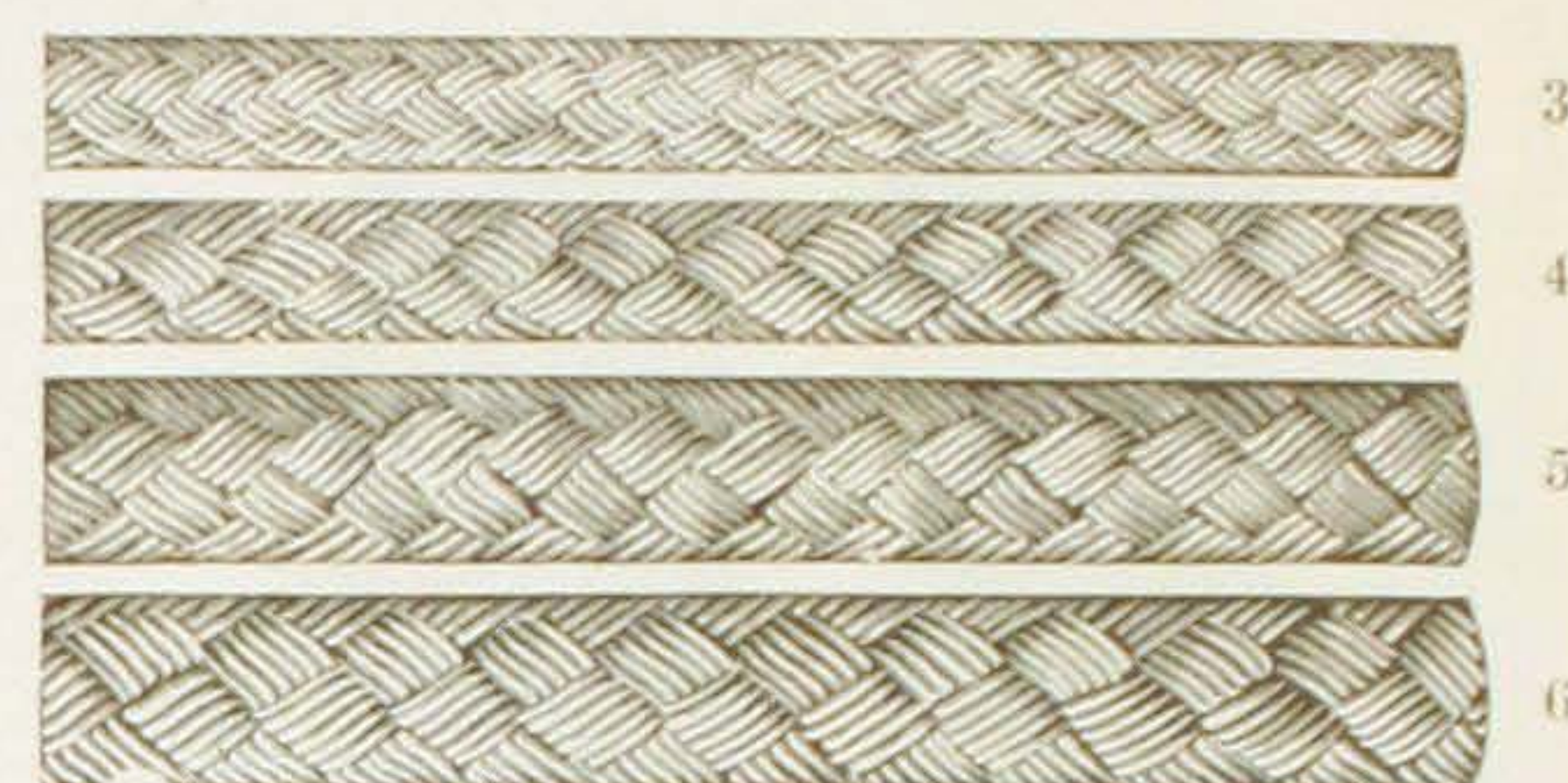
For Hooks and Plates, or Bolts and Plates, see page 147.

Approximate Breaking Strain.

Size No.	3	4	5	6	7
Copper	250	380	600	800	1,200 lbs.
Price	2/10	3/5	4/-	5/2	9/1

per yard.

THE "VICTORY" SASH LINE.
Best quality, with Copper Wire Centre. Size



No. PHS 2650

Size	1	2	3	4*	5*	6*
Price	34/10	41/10	53/7	68/8	87/4	106/8
Size	7	8	9	10	12	
Price	125/3	144/1	162/9	181/10	220/1	

*Stock sizes. Per gross yards.

Copper Centre Cable Laid Cotton Sash Line.

No. PHS 2648 Special value.

Size	3	4	5	6
Per gross yards	56/-	70/-	87/6	105/-

LADDER WEBS. No. PHS 2643

"S.T.L."

Duck.	White.	Colours.
62/3	68/3	79/8 gross yards.

"British Isles."

Duck.	White.	Colours.
58/8	61/3	71/9 gross yards.

THE "SAMSON SPOT" SOLID BRAIDED COTTON SASH LINE.



No. PHS 2649

Sizes	6	7	8	9	10	12
Diameter	3/16"	7/32"	1/4"	3/8"	5/16"	3/4"
Suitable for Sashes—	Up to 20-30	30-50	50-70	70-90	Above 90	Per 20 lbs.
	36/9	43/9	54/3	66/6	89/3	124/3

NOTE.—All "Samson" Cord is supplied with the "Spot" as a protection against substitution.

THE "IRONCLAD" SOLID BRAIDED COTTON SASH LINE. British Made.

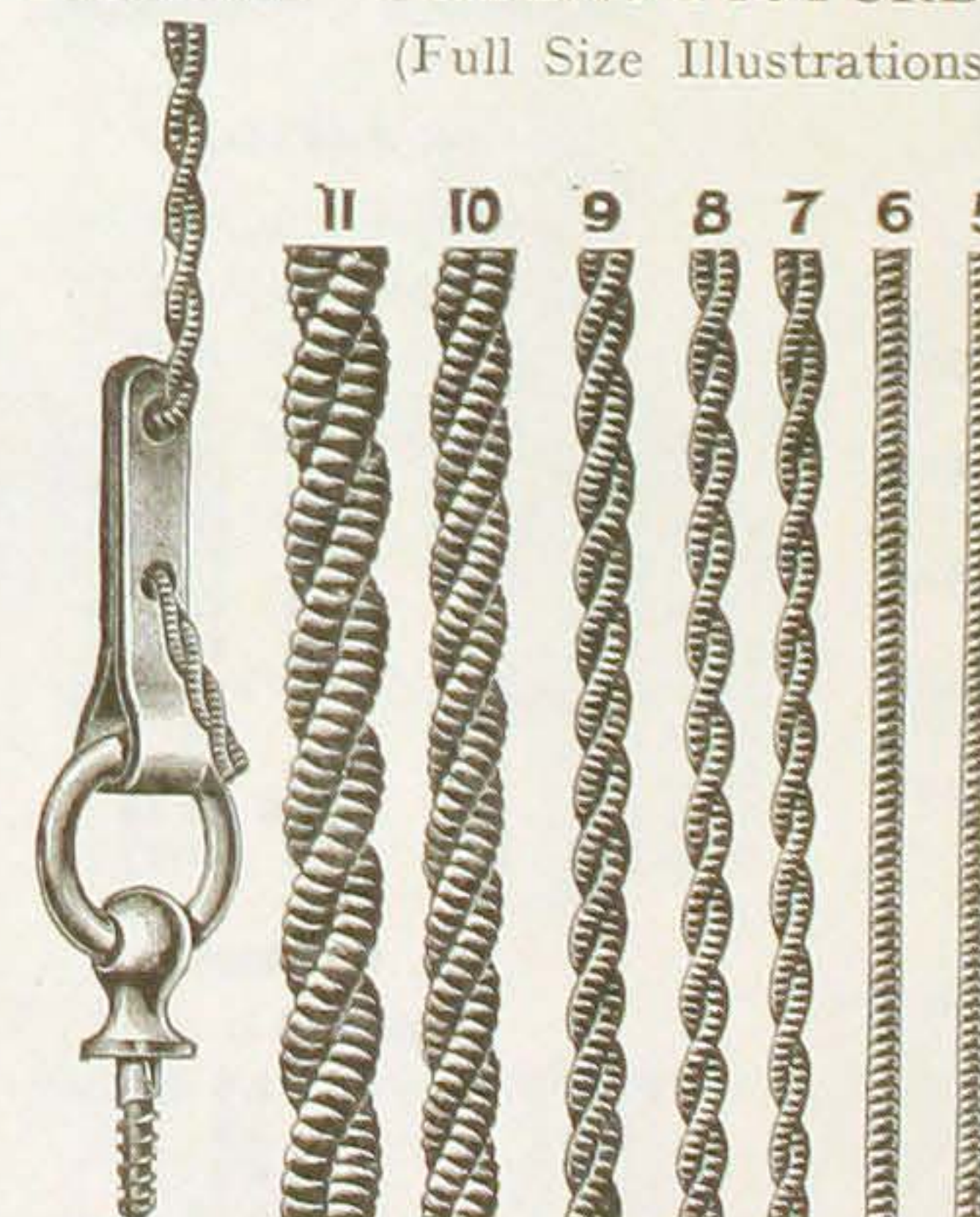
No. PHS 2581

Size	4	5	6	7	8	9	10
Dia.	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"
Suitable for Sashes weighing about—	16	20	25	30	40	50	60 lbs.
	13/10	15/9	23/9	29/9	39/6	43/6	54/3

Per gross yards.

"HOOKHAMS" PATENT PICTURE CORD.

(Full Size Illustrations.)



No. PHQ 2658

The Line consists of a core of the Finest Piano Wire (Steel) covered with a layer of Ormula Wire and waterproofed Cotton. Has a safe working load twice that of Copper.

Size	5	6	7	8	9	10	11
For Pictures	20	30	40	60	80	150	300 lbs.
Breaking Strain	45	70	80	125	200	370	700 "
Price per reel of 100 ft.	5/3	7/4	12/4	17/6	29/3	50/10	87/6

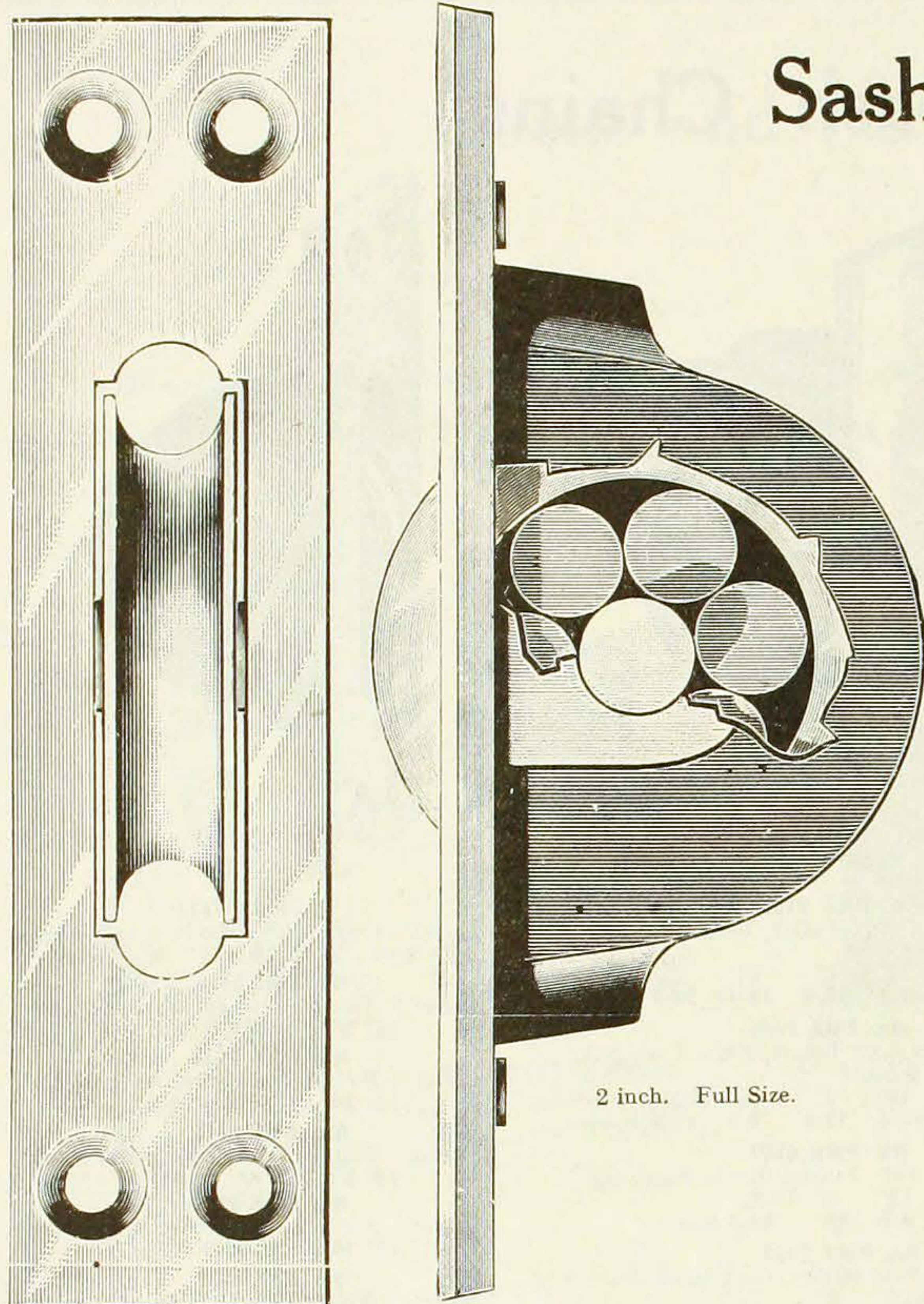
Patent Adjustable

Fasteners	3/-	3/-	4/6	6/-	7/4	11/9	19/2 gross.
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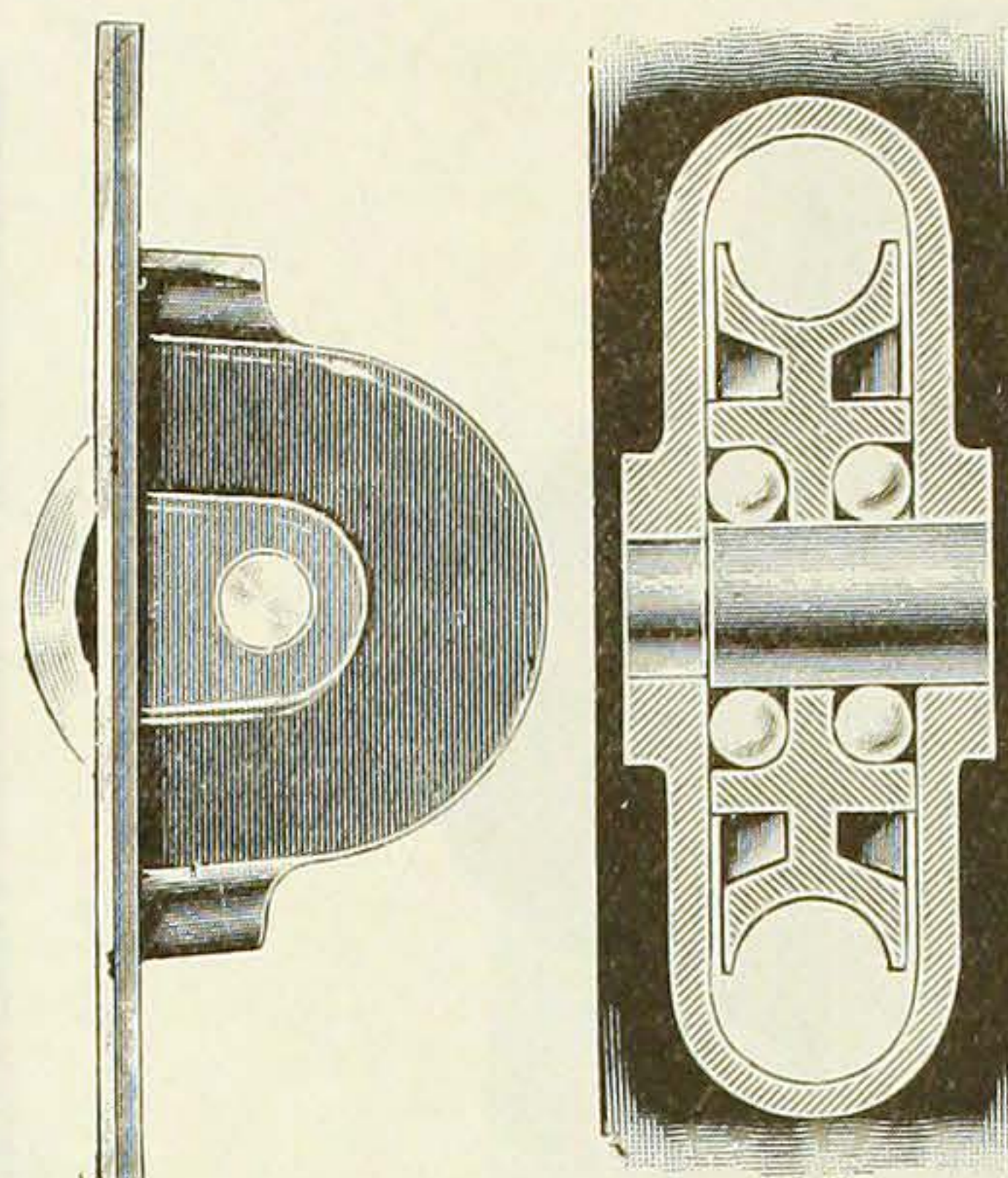
"B" Basis.

PHS—Stock Lines in most sizes; PHQ—Quick delivery

Sash Pulleys



2 inch. Full Size.

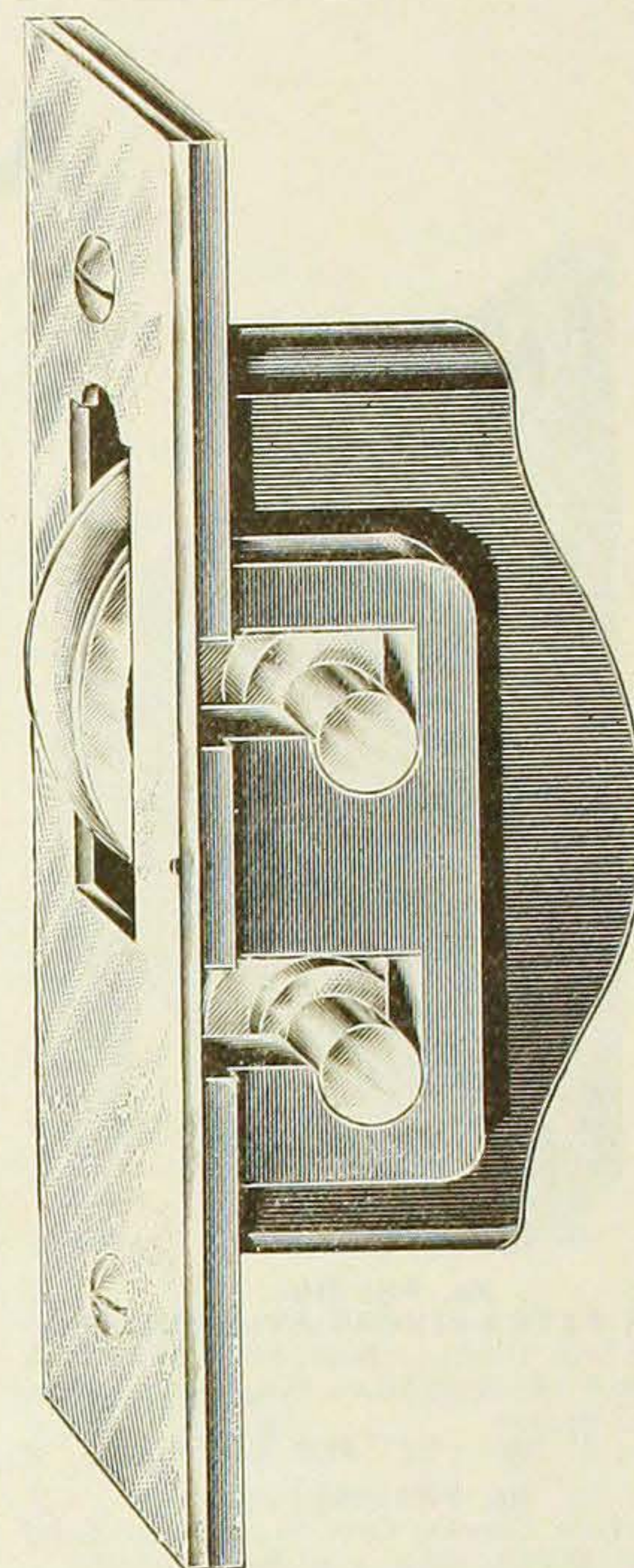


No. PHS 2169

Ball-bearing, easiest running, strong brass face and wheel. Steel Axle.

Size	1 1/2"	2"	2 1/2"
Price	24/6	28/-	35/- dozen.
"	2/2	2/6	3/2 each.

Any Pulley can be made with Square Grooved Wheels for Chain if required, at a slight extra charge.



No. PHS 2164

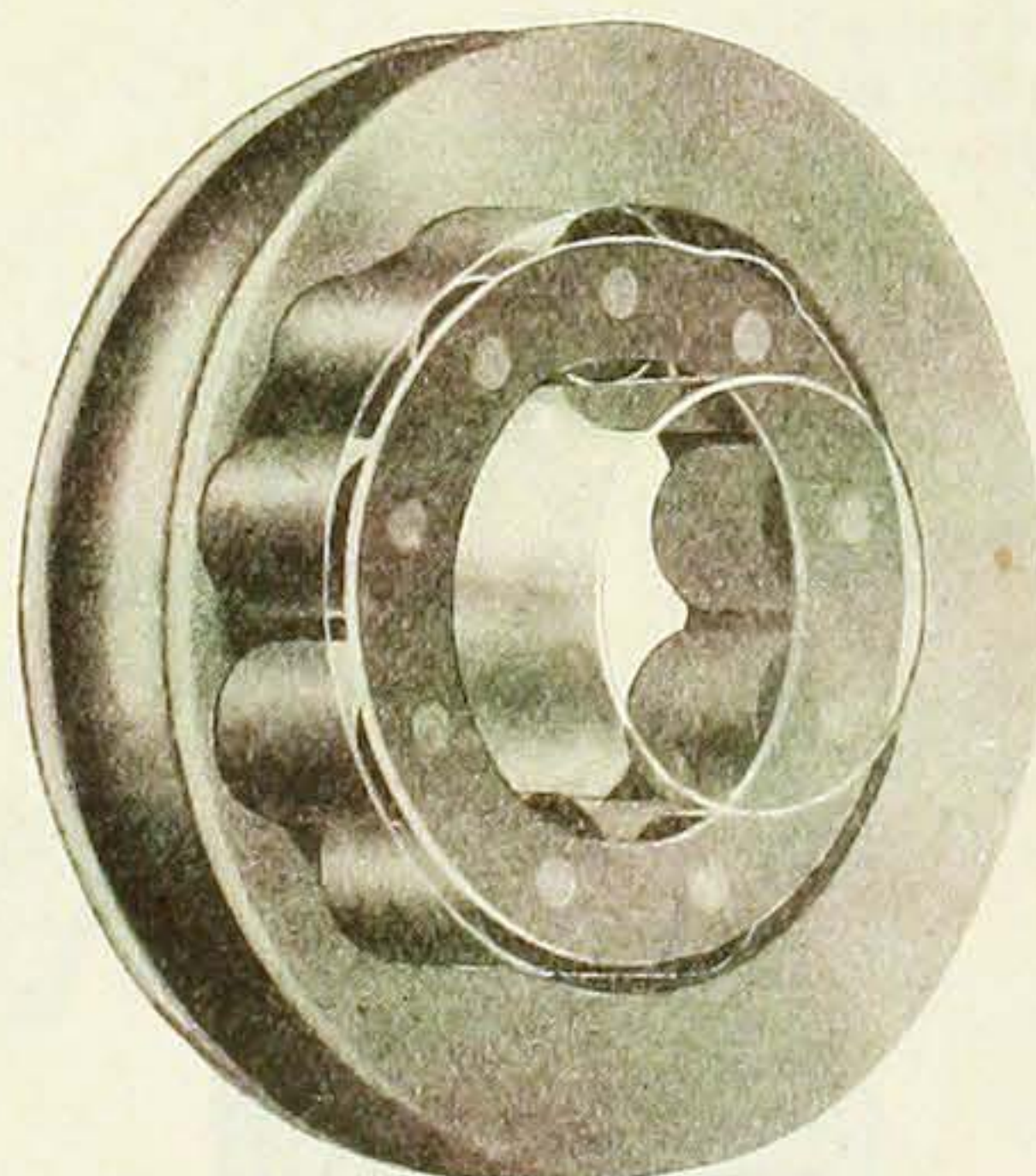
"ROLLER" AXLE PULLEY.

As used for H.M. Post Offices, Prisons, etc. Strong brass face-plate, screwed on solid gun metal Wheel and Roller. Runs smoothly, never jams.

	With Compensating	Roller	Bearings.
Size	1 1/2"	2"	2 1/2"
Price	27/2	30/8	36/-
"	2/4	2/8	3/2
			48/2 dozen.
			4/2 each.

No. PHS 2149 ROLLER-BEARING AXLE PULLEY.
Made from best cold-drawn Bessemer Steel. Minimum Friction, with heavy brass face, gun-metal wheel, steel rollers and axle, and cast iron case.

Size	1 1/2"	2"	2 1/2"
Price	29/-	32/6	36/9
"	2/6	2/9	3/2
			49/- dozen.
			4/2 each.



Phantom illustration of interior showing the rollers separated by the revolving rings.

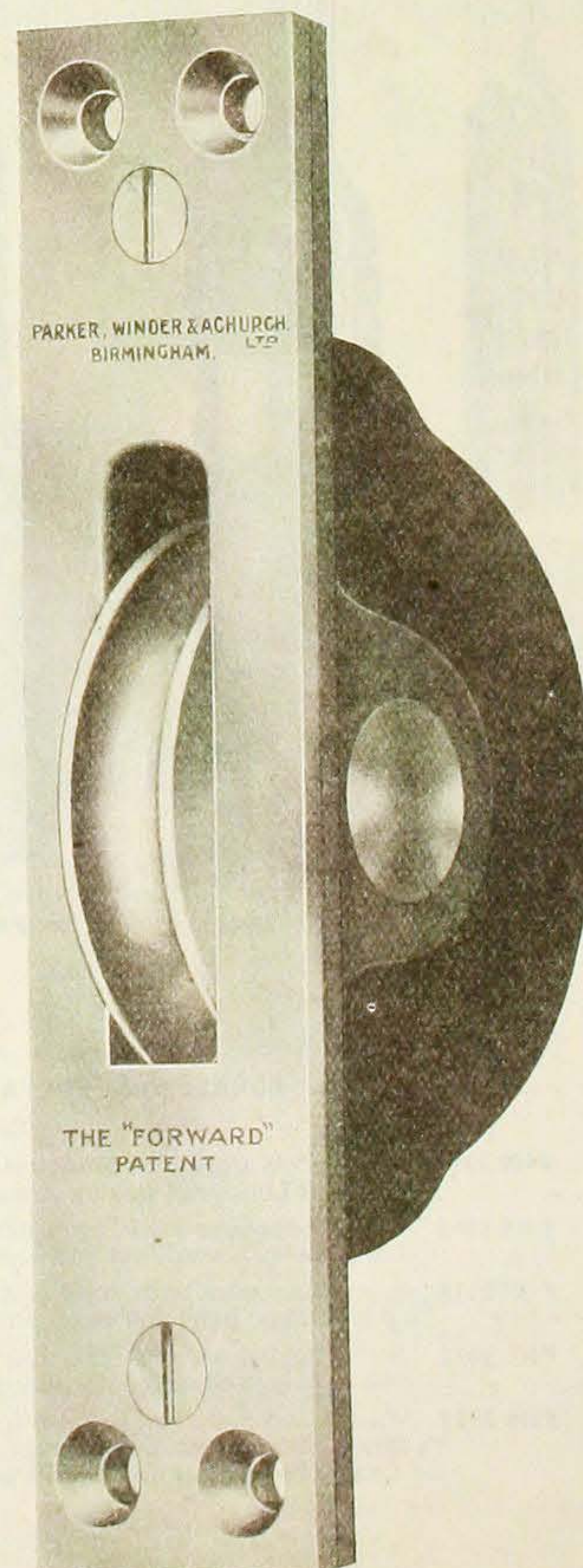
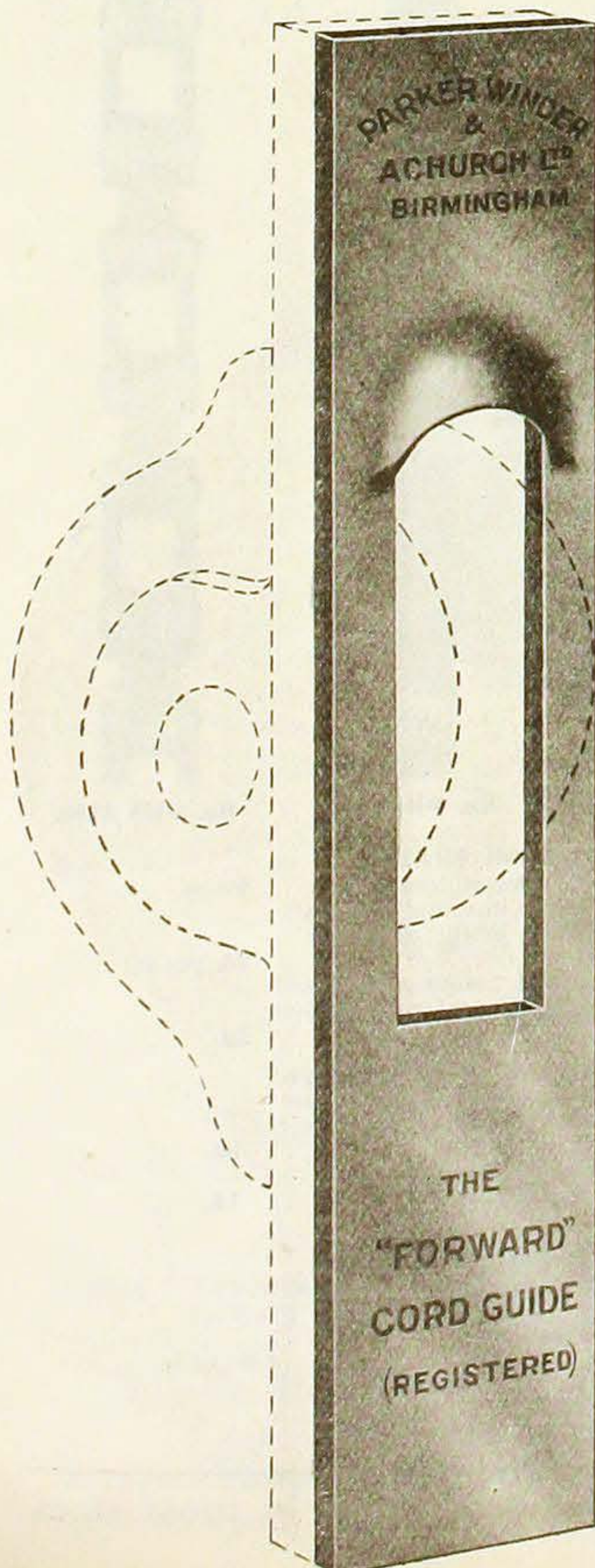
THE "FORWARD" PATENT FRICTIONLESS ROLLER BEARING SASH PULLEY.

These Pulleys are far superior to other patterns and the Rollers are segregated or separated by two Revolving Rings, friction being used to a minimum. Consequently lubrication and subsequent clogging is therefore prevented. The Rollers form a parallel bearing the full internal periphery of the Pulley Wheel, thereby giving a broad distribution of pressure which is impossible with the point contact of ball bearings. Hence long life and hard service is assured. On test with a load of 56 lbs. on the pulley, after 123,000 revolutions had been recorded by the counter, the wear on the rollers (even without lubricant) was nil; whilst the wear of the interior of the Pulley running on the Rollers was merely .005 in. It will doubtless be appreciated how severe such a test is, and that for practical purposes the wear may be regarded as negligible. A Sash Pulley which is generally accepted as one of the best ball-bearing Sash Pulleys on the market was placed under a similar test with the result that it was **completely worn out**. The ball bearings **even with lubrication** cut a deep groove into the Pulley Wheel and Axle.

No. PHS 5850 With gun-metal wheels, brass face plate, iron frame and case hardened steel axle and rollers.

Size	2"	2 1/2"
Price	47/3	70/- per dozen.
"	4/2	6/- each.

Cord Guide can be supplied which prevents Sash Cords from becoming chafed or broken. This Guide can be fitted to any of our Sash Pulleys.



PHS—Stock Lines.

"B" Basis.

Axle Pulleys and Sash Chains



No. PHS 2163

BEST EXTRA STRONG AXLE PULLEY.

Wrought Iron Cheeks, Malleable Front, with Cast Brass Face, Solid Brass Wheel, Steel Axle, Gun-metal Bushes.

1 1/2" 22/9; 2" 28/-; 2 1/2" 32/6 per dozen.

No. PHS 2162

Wrought Iron Cheeks, Cast Brass Face, Solid Gun-metal Wheel, Axle and Bushes.

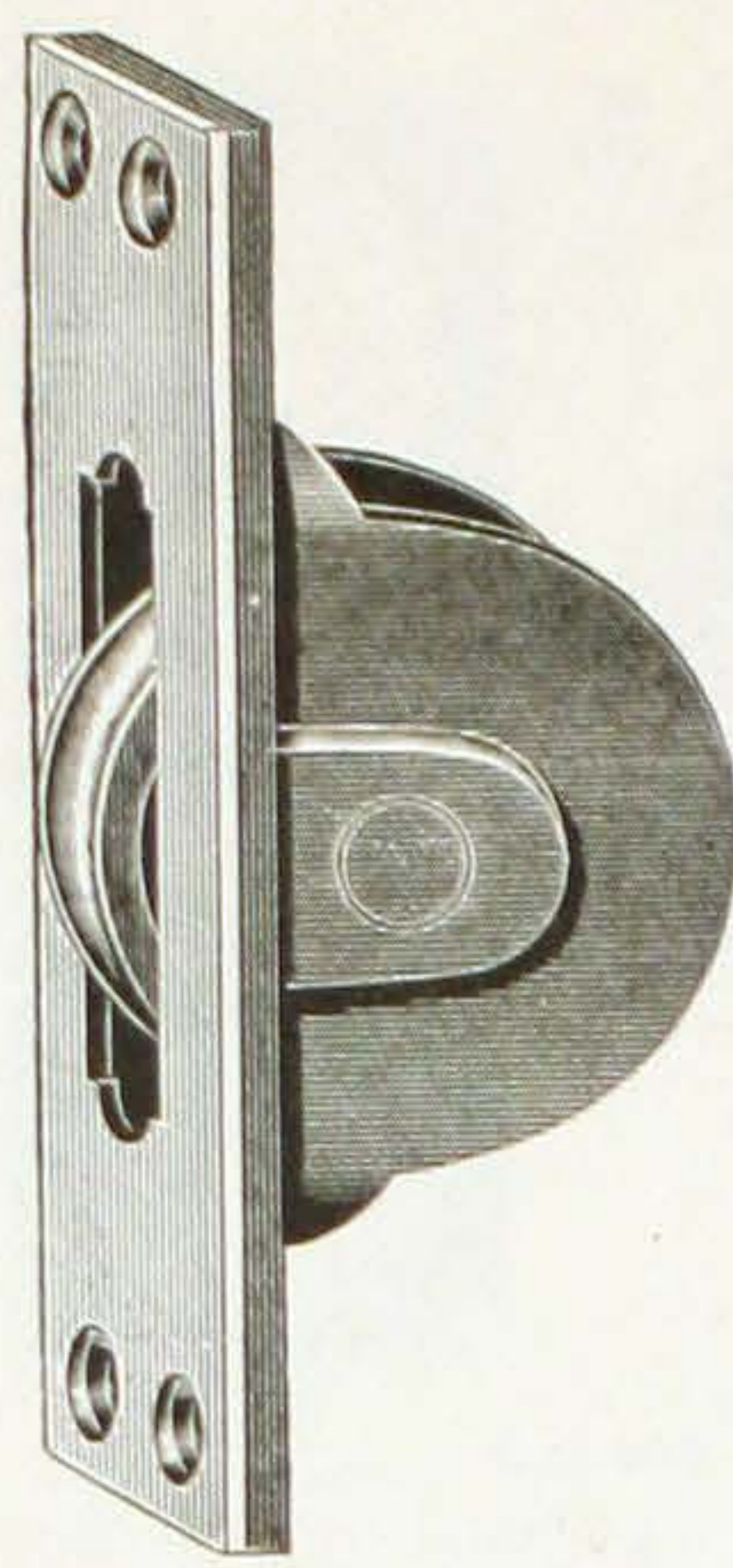
1 1/2" 17/4; 1 3/4" 17/9; 2" 20/6; 2 1/2" 25/- dozen.

No. PHS 2161

Japanned Wrought Iron Cheeks, Cast Brass Face and Wheel. 2" 14/-; 2 1/2" 18/6 dozen.

No. PHS 2160

Wrought Iron Cheeks, Cast Brass Face and Wheel Brass bushed. 1 1/2" and 1 3/4" 11/-; 2" 14/-; 2 1/2" 18/9 dozen.



No. PHS 2147

Solid Cast-Iron Frame, Turned Steel Axle, Best finish. Brass Face and Wheel.

1 1/2" 9/2; 2" 11/-; 2 1/2" 16/8 dozen.

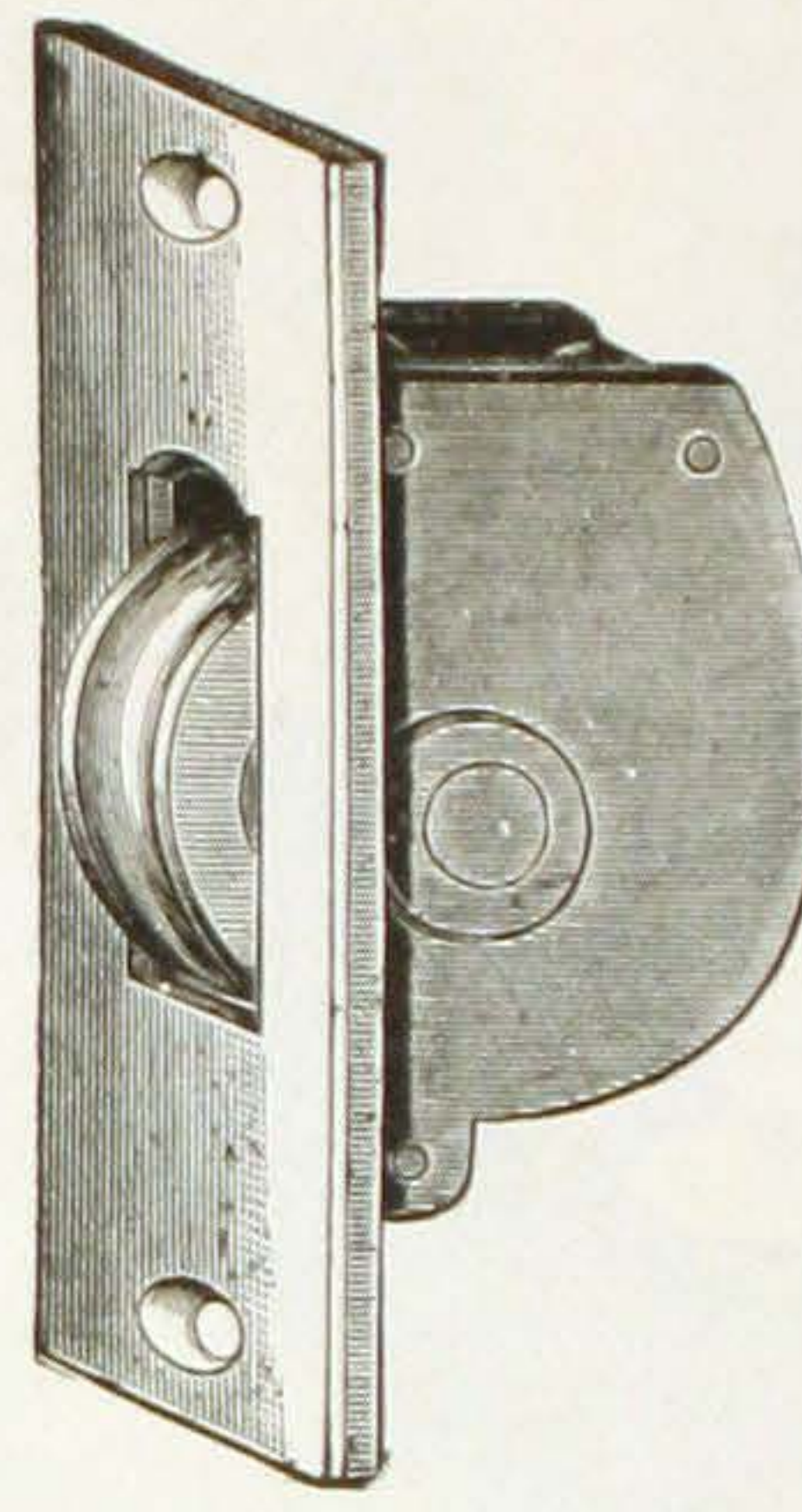
No. PHS 2148

As above but Cast Brass Face and Wheel.

1 1/2" 11/6; 2" 14/6; 2 1/2" 20/3 dozen.

No. PHS 2146

As above but Red-Bronzed Face, Brass Wheel, 1 1/2" 7/3; 2" 9/6; 2 1/2" 14/6 dozen.



No. PHS 2159

Best Cast Iron Axle Pulley, Brass Face and Wheel.

1 1/2" 12/3; 1 3/4" 12/9; 2" 15/4; 2 1/2" 18/10; 2 3/4" 26/3 dozen.

No. PHS 2158

Best Cast Iron Axle Pulley, Brass Face and Wheel, Brass Bushed.

1 1/2" 11/10; 1 3/4" 12/3; 2" 15/4; 2 1/2" 20/3; 2 3/4" 27/9 dozen.

No. PHS 2157

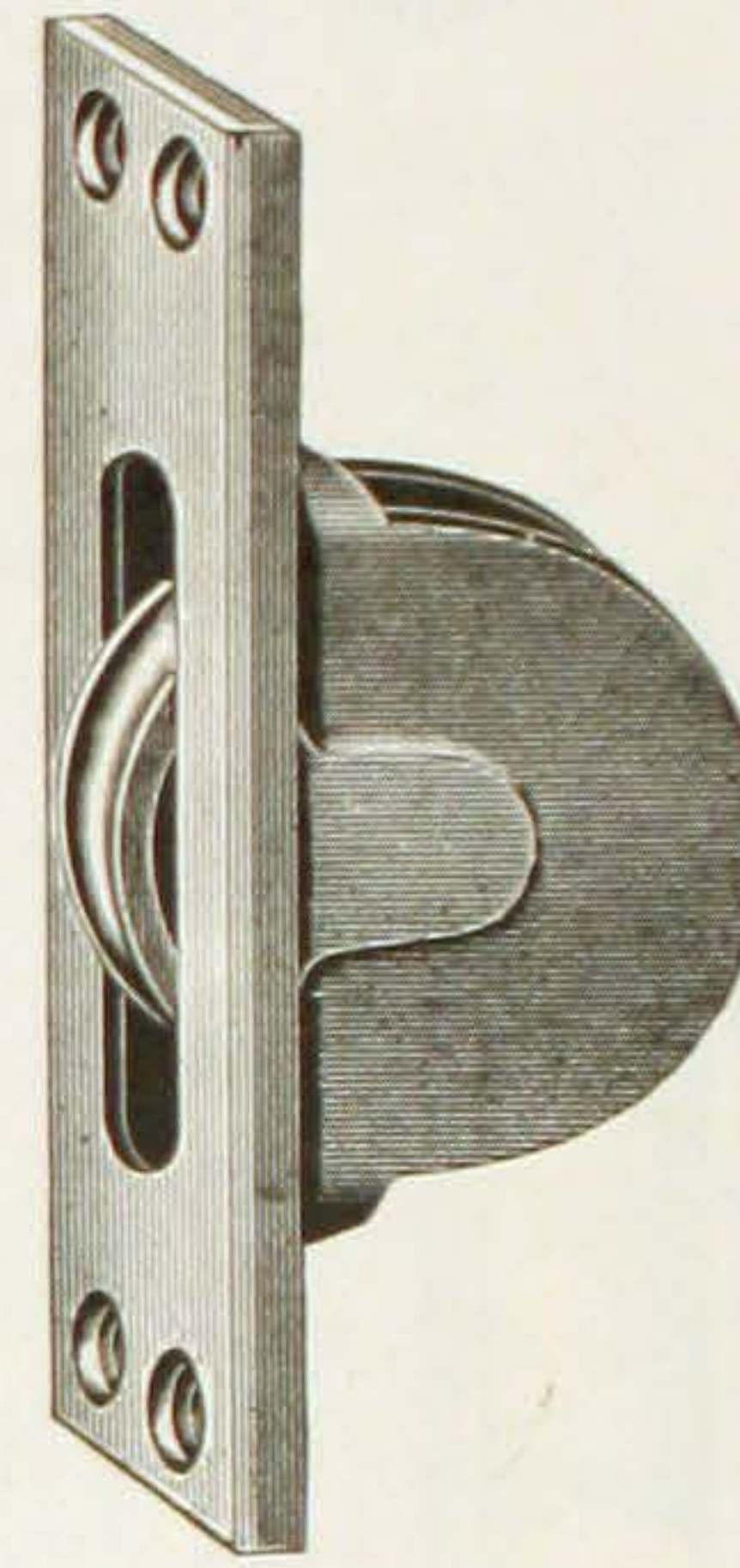
Strong Iron Axle Pulley, Brass Face and Wheel.

1 1/2" 8/6; 2" 11/-; 2 1/2" 15/3 dozen.

No. PHS 2156

Strong Iron Axle Pulley, Cast Brass Face and Wheel.

1 1/2" 10/6; 2" 13/2; 2 1/2" 17/6 dozen.



No. PHS 2133

"Secret" Axle Pulley, Iron Face and Wheel.

1 1/2" 2/10; 2" 3/10; 2 1/2" 5/- dozen.

No. PHS 2134

"Secret" Pulley, Bronzed Round End.

1 1/2" 5/3; 2" 6/7 dozen.

No. PHS 2135

"Secret" Pulley, Iron Face, Brass Wheel.

1 1/2" 10/-; 2" 12/- dozen.

No. PHS 2136

"Secret" Pulley, Brass Face, Iron Wheel.

1 1/2" 6/8; 2" 8/- dozen.

No. PHS 2137

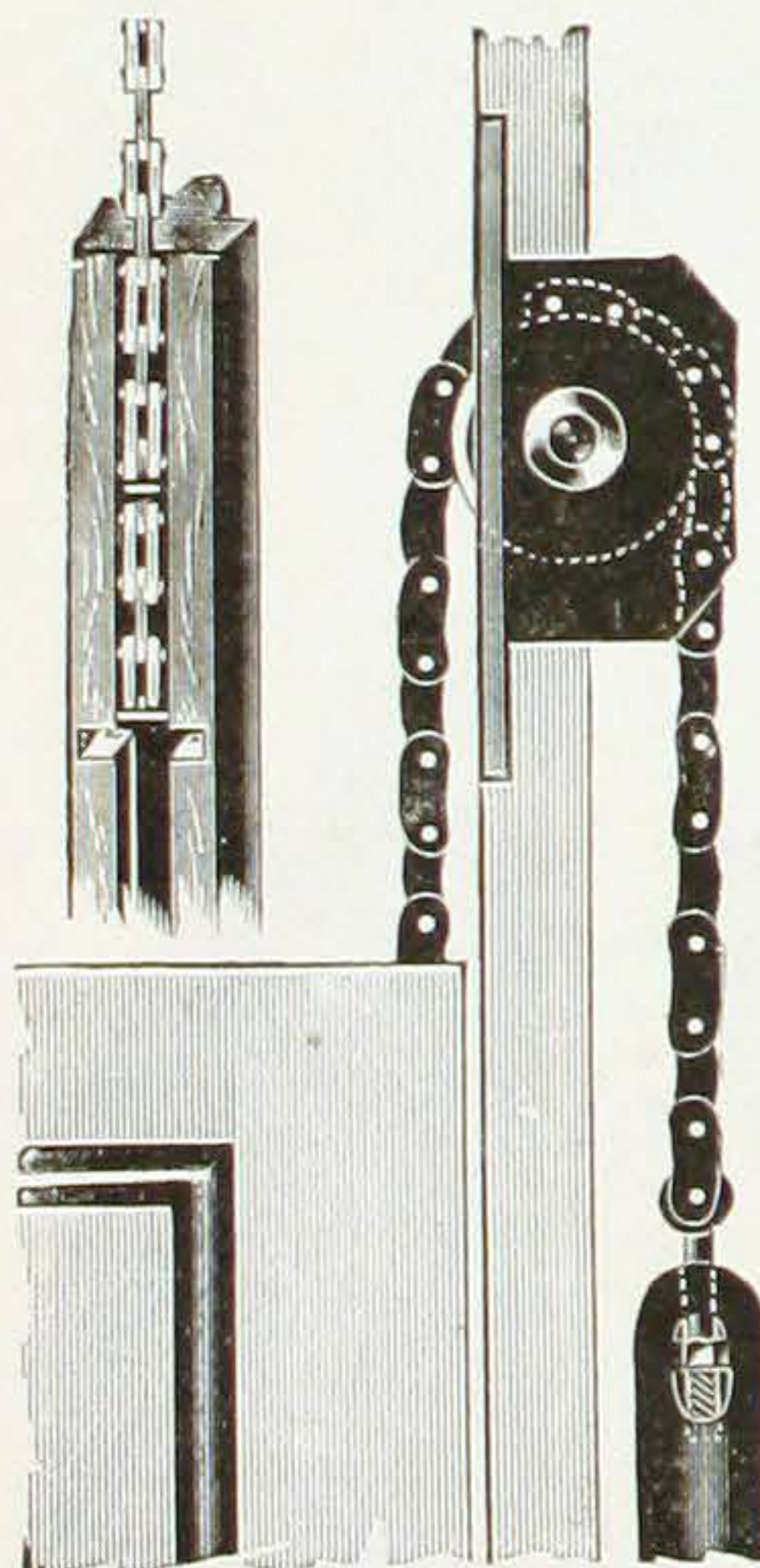
"Secret" Pulley, Brass Face and Wheel.

1 1/2" 10/6; 2" 13/3 dozen.

No. PHS 2138

"Secret" Pulley, Cast Brass Face and Wheel.

1 1/2" 14/6; 2" 17/3 dozen.



Shewing Method of Attachment.



No. PHS 3017



No. PHS 3018



No. PHS 3019



No. PHS 3022



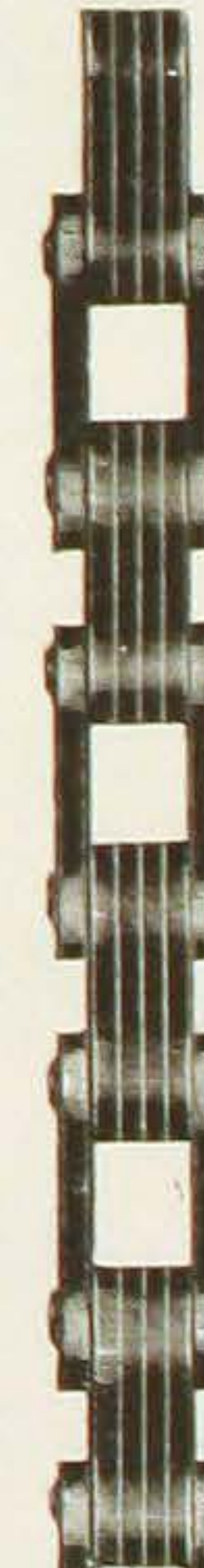
No. PHS 3023



No. PHS 3024



No. PHS 3133



No. PHS 3136.

CONNECTORS FOR ATTACHING CHAINS TO SASHES AND WEIGHTS.

No.	Description.	Price.	Sufficient for
PHS 3017	Hook made from cold drawn steel, each complete with Terminal Links and small nut and bolt to attach to chain	1/9 per set of 4.	1 pair of Sashes and 4 weights.
PHS 3018	Loop Connector, made from flat steel strip, rust-proofed Complete with small nut and bolt to attach to chain	1/3 " "	1 pair of Sashes and 4 weights.
PHS 3019	Bolt Attachment with nuts and set pins, each complete with terminal links and small nut and bolt to attach to chain	2/1 " "	1 pair Sashes and 4 weights.
PHS 3022	Bolt Attachment with Nuts and Set Pins, each complete with terminal links and small nut and bolt to attach to chain	2/1 " "	1 pair Sashes and 4 weights.
PHS 3023	Washer and Split Pin, suitable for weight up to approx. 14 lbs. Made from heavy gauge steel with oblong hole for Chain. Washers and split pins are rust-proofed	3/6 " "	1 pair Sashes and 4 weights.

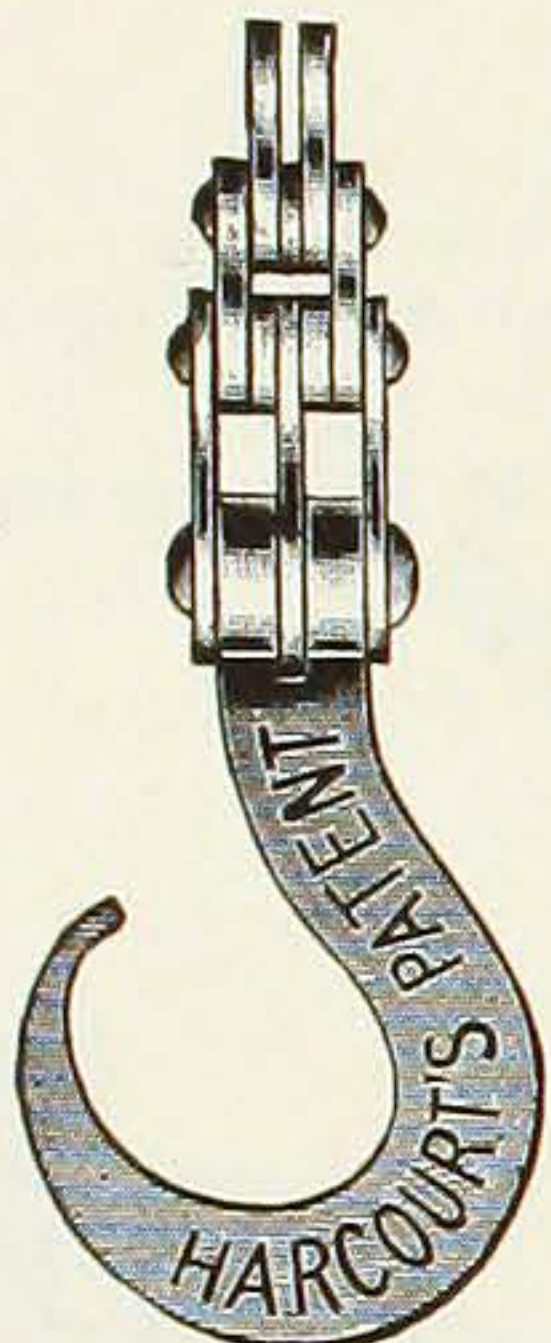
SASH CHAINS.

No.	Description.	Price.
No. PHS 3024	For use in round or square grooved Pulleys. With Phosphor Bronze Rivets (Links rustproofed before assembly). Ditto, with steel rivets, rustproofed after assembly	6d. per ft. 5d. "
No. PHS 3133	For use in Round or Square Grooved Pulleys, with Phosphor Bronze Rivets. (Rustproofed before assembly). Ditto, with Steel Rivets (Rustproofed after Assembly).	9d. " 7d. "
No. PHS 3136	For Use with Cog Wheel Pulleys. With Phosphor Bronze Rivets. Size 1" x 1/4" 1" x 1/8" 1" x 1/16"	1/- 1/1 1/2 per ft.
	Links rustproofed before assembly With Steel Rivets. (Rustproofed after assembly)	9d. 11d. 1/- "

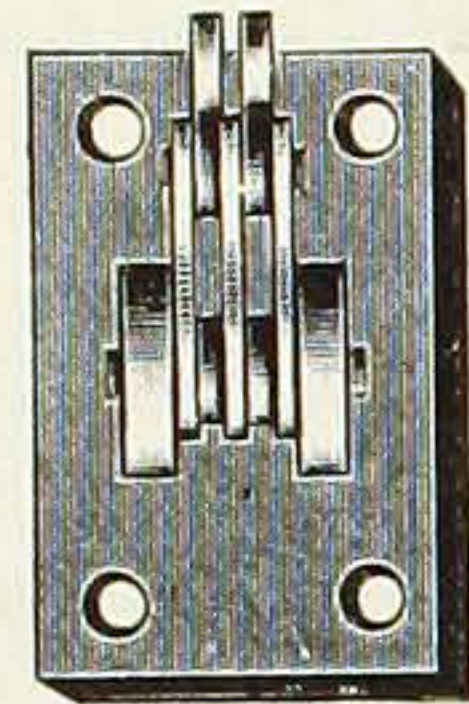
Hooks and Plates, Steel Sash Lines, etc.

HOOKS AND PLATES, OR BOLTS AND PLATES.

For attaching to Weights and Sashes, for chain **No. PHS 2652** on page 144.
Half size.



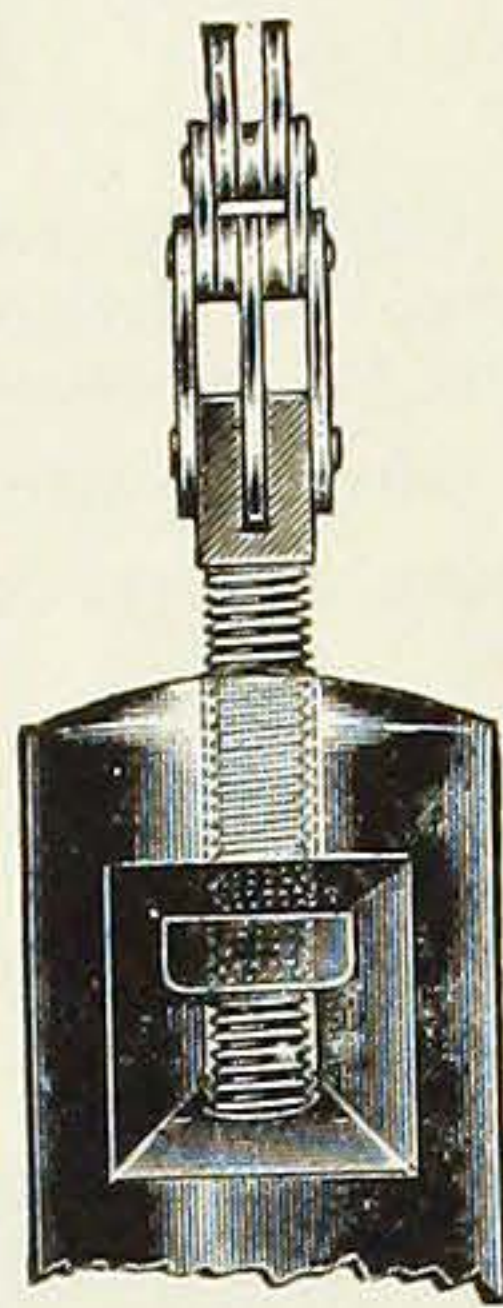
Hook.
Patent Cold-drawn
Steel Hook.
Will stand opening
and closing.



Plates for either
Hooks or Bolts.

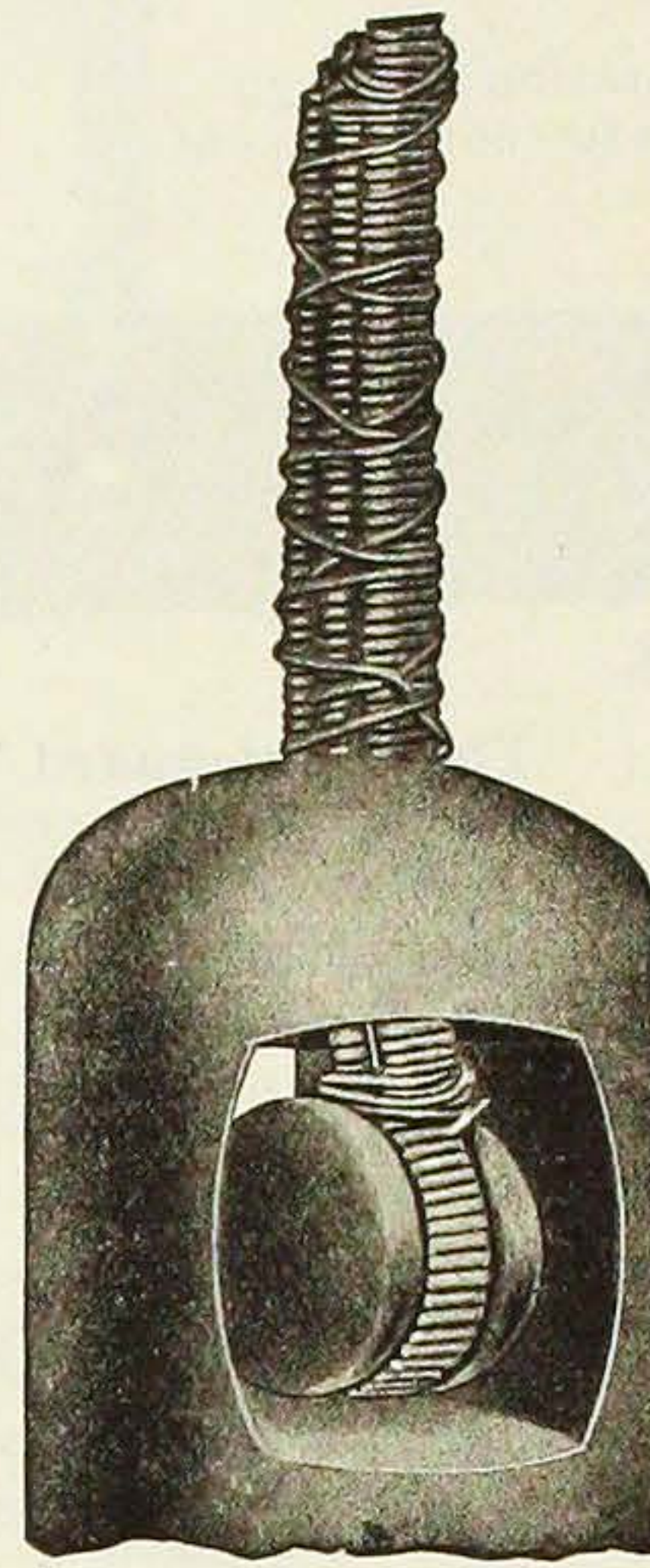
No. PHS 2654

In sets of two each,
Hooks and Plates or
Bolts and Plates.



Attached to weight.

Size	...	...	3	4	5	6	7	
Price	...	...	2/-	2/4	2/4	2/8	3/8	per set of two each.



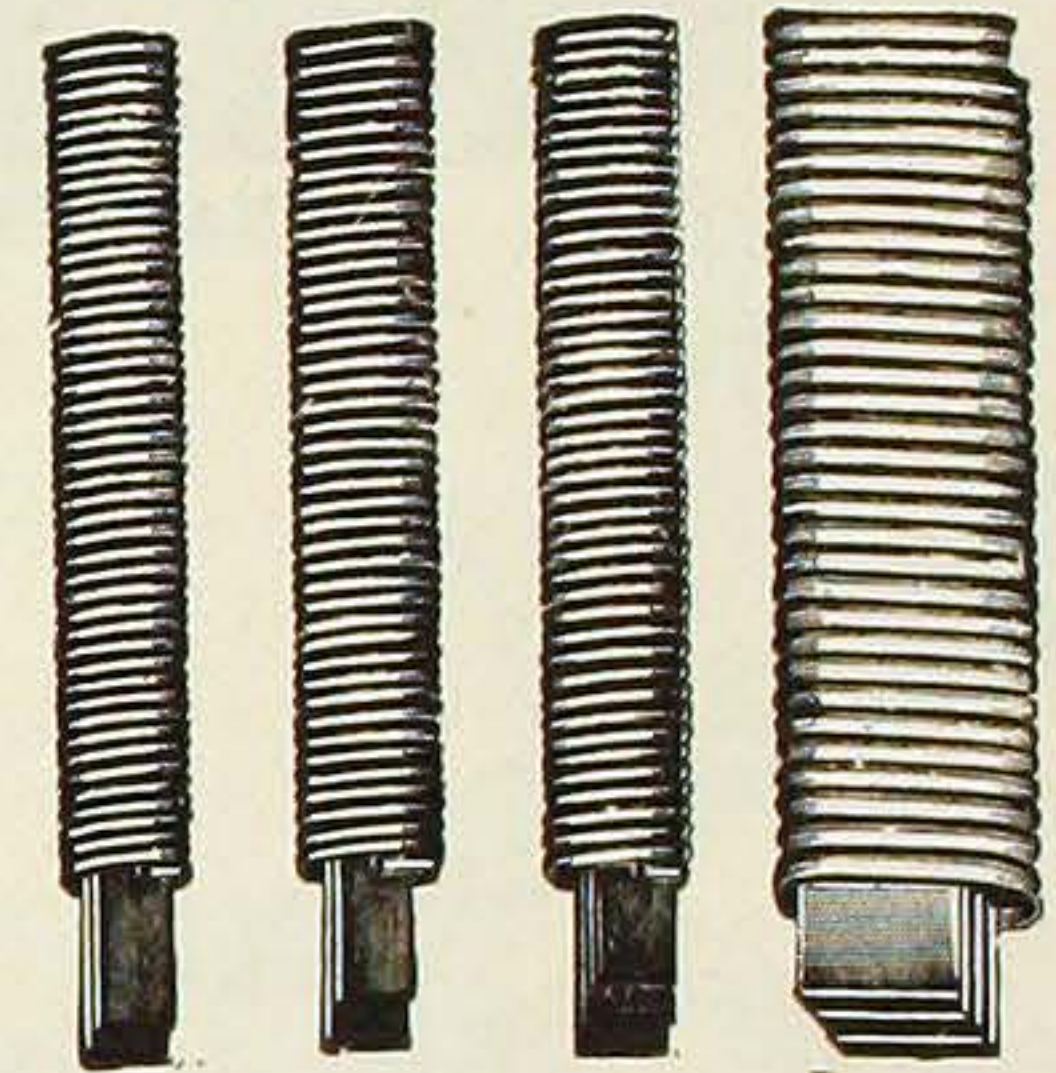
Shewing method of
attaching to weight.
Fixings are supplied
with the Sash Line.

STEEL RIBBON SASH LINE.

(Hookham's Patent).

Complete with Fittings.

No. PHS 2651



Size	1	2	3	4
For sashes up to—	40 lbs.	75 lbs.	150 lbs.	150 lbs.
	31/3	46/8	62/-	106/-

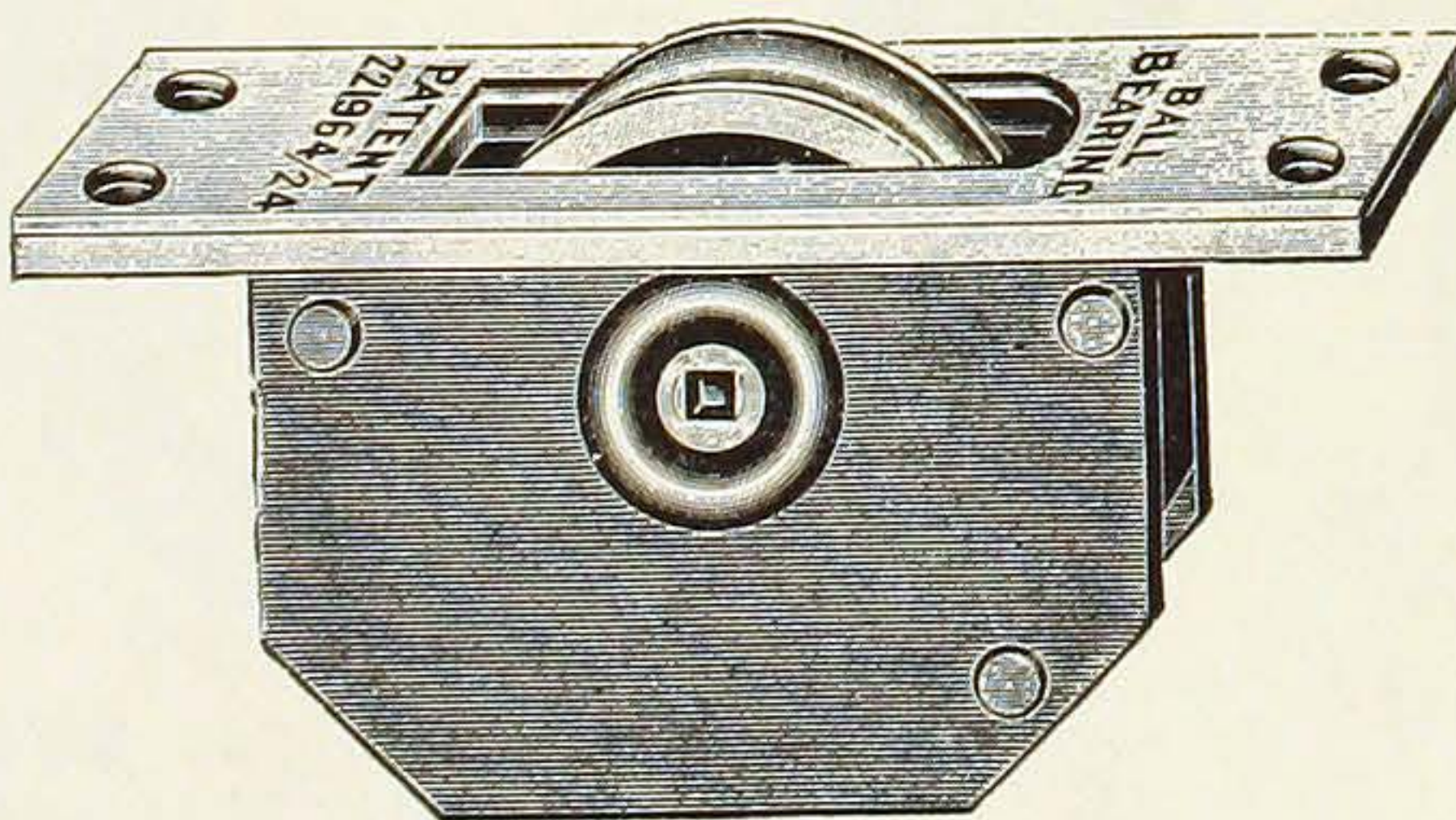
per 100 feet.

Special quotations for large
quantities.

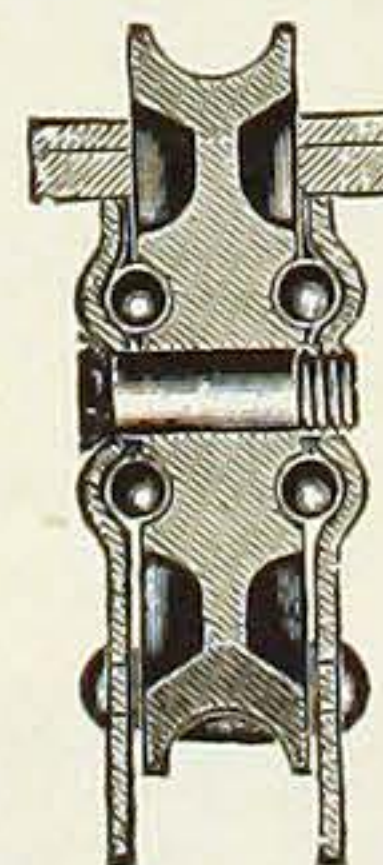
This line possesses remarkable advantages as it is formed of several bands of Watch Spring Steel, covered with a binding of copper wire and will be found of remarkable utility for hanging all kinds of and especially heavy sashes. It can be used with ordinary pulleys, and is fixed in the ordinary way.

It is very neat in appearance, perfectly flexible, almost frictionless and does not stretch, and being practically indestructible is in the end much cheaper than the ordinary lines or chains.

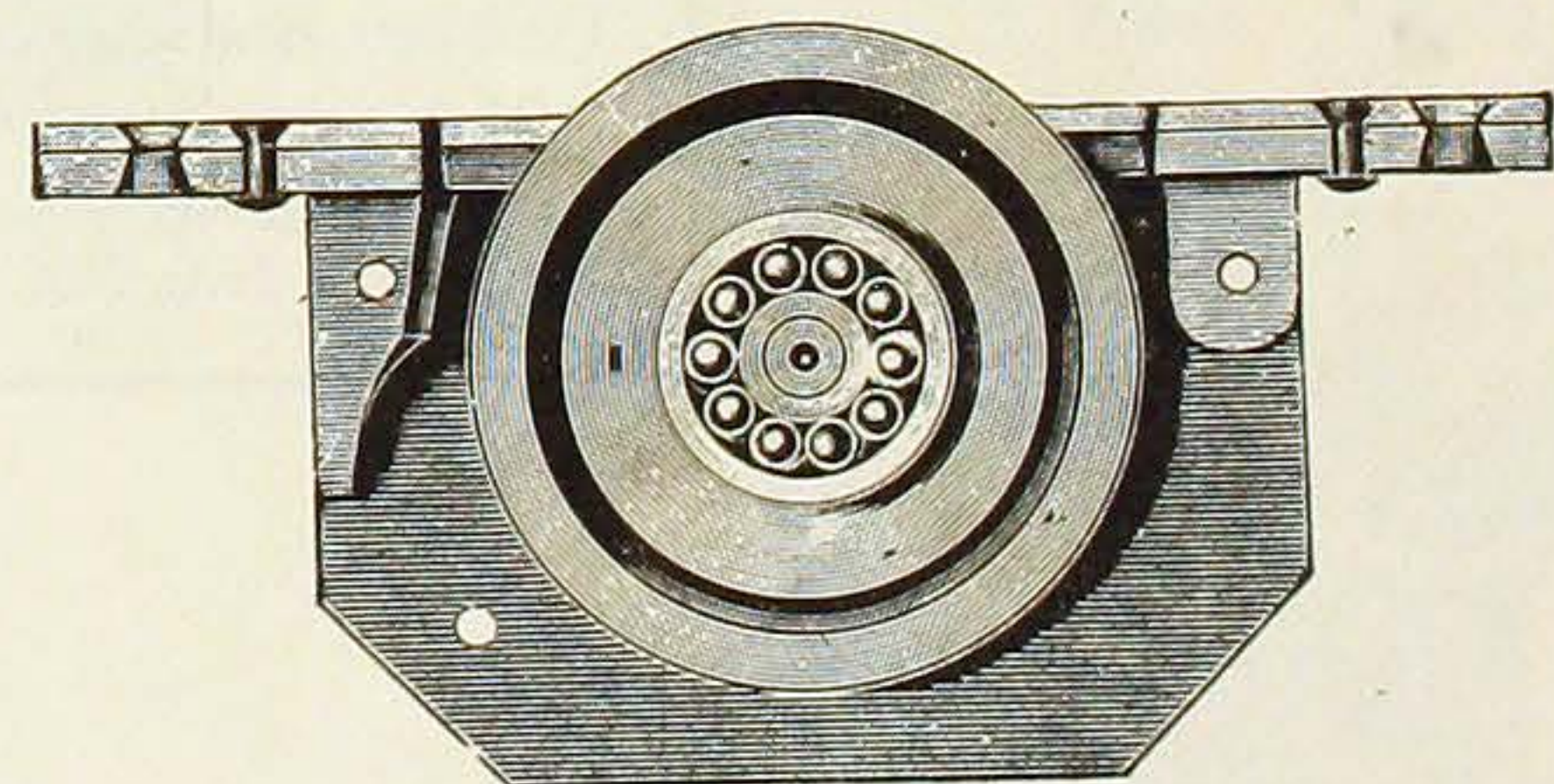
Ball Bearing Axle Pulley.



No. PHQ 5764
With Wrought Cheeks.



Shewing how the Cheeks are
made to form the Ball Race, and
indicates action of the adjusting
screw.



Shewing Pulley with Cheek
removed.

The above is without doubt one of the cheapest, soundest and most efficient Ball Bearing Axle Pulleys on the market.

Priced per dozen.

Diameter of wheel	...	...	1 3/4"	2"	2 1/4"	2 1/2"
With cast Brass Face, Iron Wheel	...	...	20/9	23/6	29/-	40/3
" " " Brass Wheel	...	...	23/4	26/3	32/6	45/6
" " " Gun Metal Wheel	...	...	24/6	27/9	34/2	48/2
Square Groove for Chain extra:—						
Iron Wheel	...	...	4d.	5d.	6d.	6d.
Brass " "	...	...	7d.	9d.	11d.	11d.
Gun Metal Wheel	...	...	9d.	11d.	1/1	1/1

If with Cog Wheels.

Diameter of wheel	...	...	...	...	2"	2 1/4"	2 1/2"
Brass Cast Face, Iron Wheel	...	...	...	...	46/6	72/9	102/6
" " " Gun Metal Wheel	...	...	...	...	55/3	85/-	120/-

Rust proof Chain and Connectors suitable for this Pulley can be supplied
and are illustrated elsewhere in this catalogue (see page 146).

The "Safeguard" Reversible Easy Cleaning Casement Hinge

(Registered design)

(Wood's Patent).

Provisional No. 27905/22 applied for.

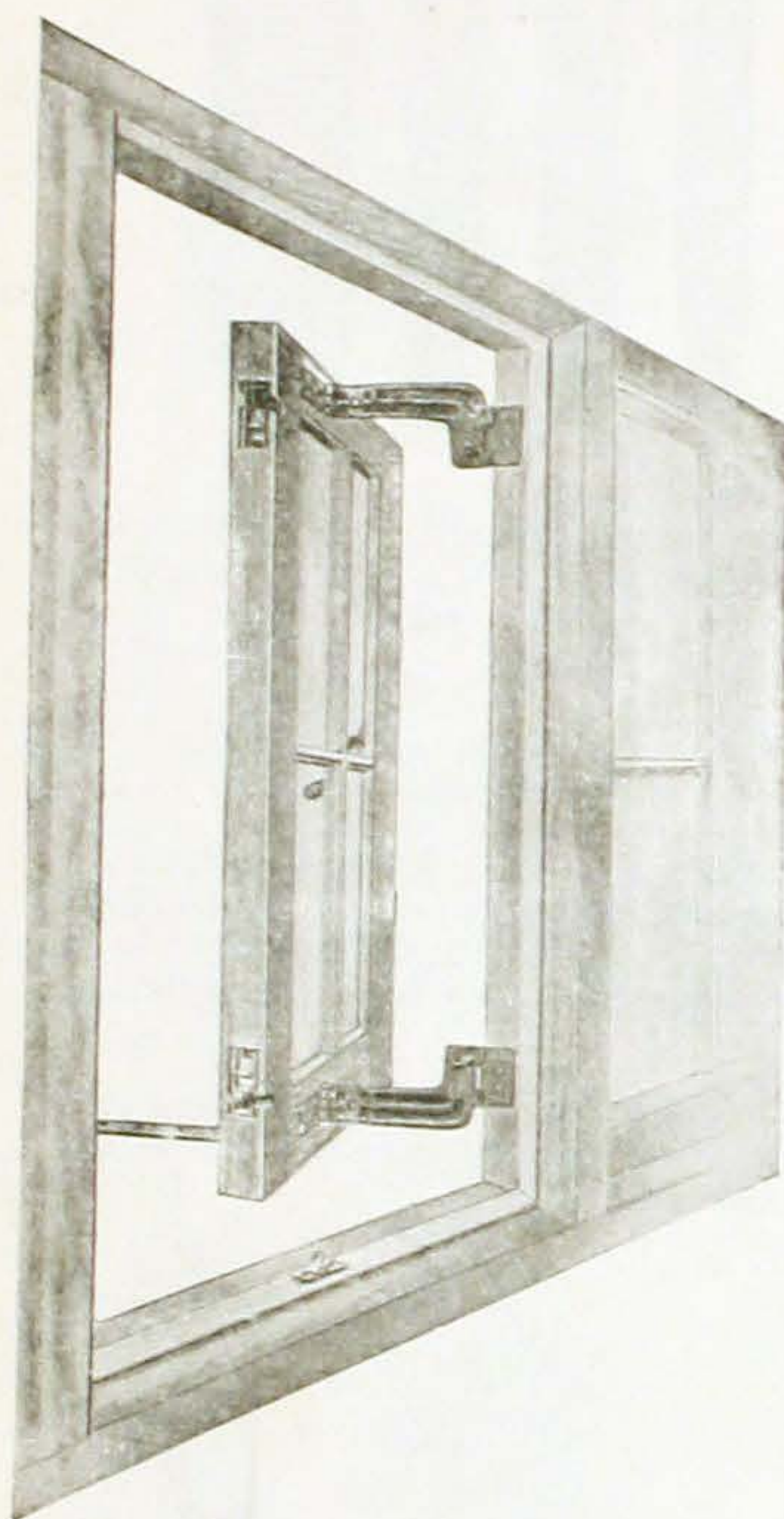
Patent No. 205337/22.



Illustration of Hinge.
7½" centre to centre of joints.

No. PHS 6158

Safeguards life by allowing casements to be reversed (outside to inside) for cleaning, painting and glazing. Saves perpetual Window Cleaner's Expense—and its own cost in a few months.



Showing Casement reversed for cleaning, painting or glazing from inside room.

The "Safeguard" Hinge allows the Casement to be used with perfect safety in the ordinary manner, common to everyone, and when required for cleaning, the small catch at back of each hinge is pulled up or down respectively, which releases casement for reversing.

After cleaning bring it back into its normal position, fasten catches, and open and close in the usual way.

All screws are covered and are inaccessible from outside, when Casement is closed (except Guide Screw shown, used for guidance in fixing only).

Has five Fixing Screws.

Four concealed and one for easy fixing.

Distinctive Features.

Made of strong Malleable Iron with Gun-Metal Non-Rusting Pins.

Reversible for either hand.

No loose parts or thumb screws to lose.

Very strong, perfectly secure and easily fixed.

Suits Casements of all ordinary sizes and thicknesses.

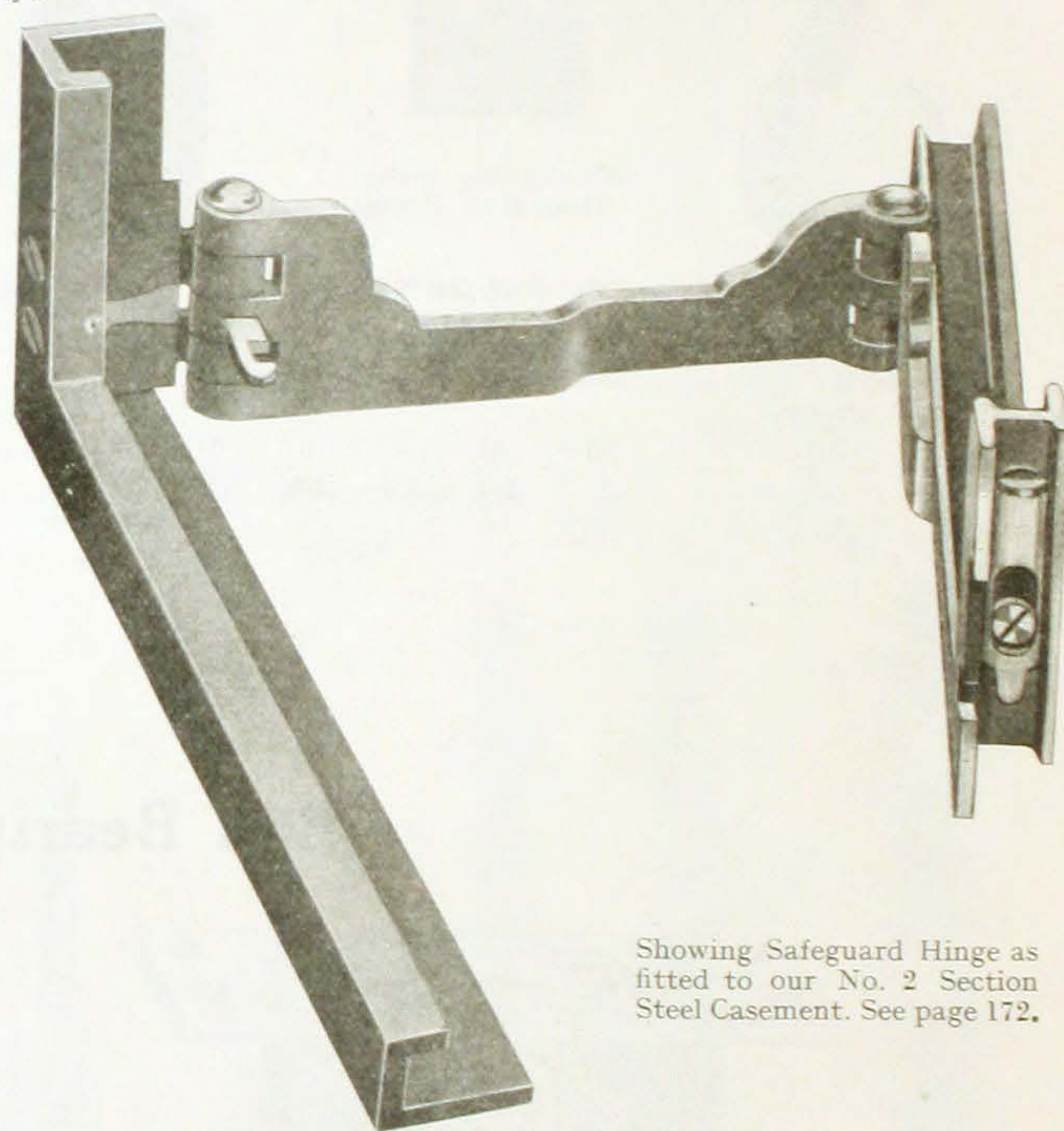
Requires no special preparation of woodwork.

Allows ventilation without draught.

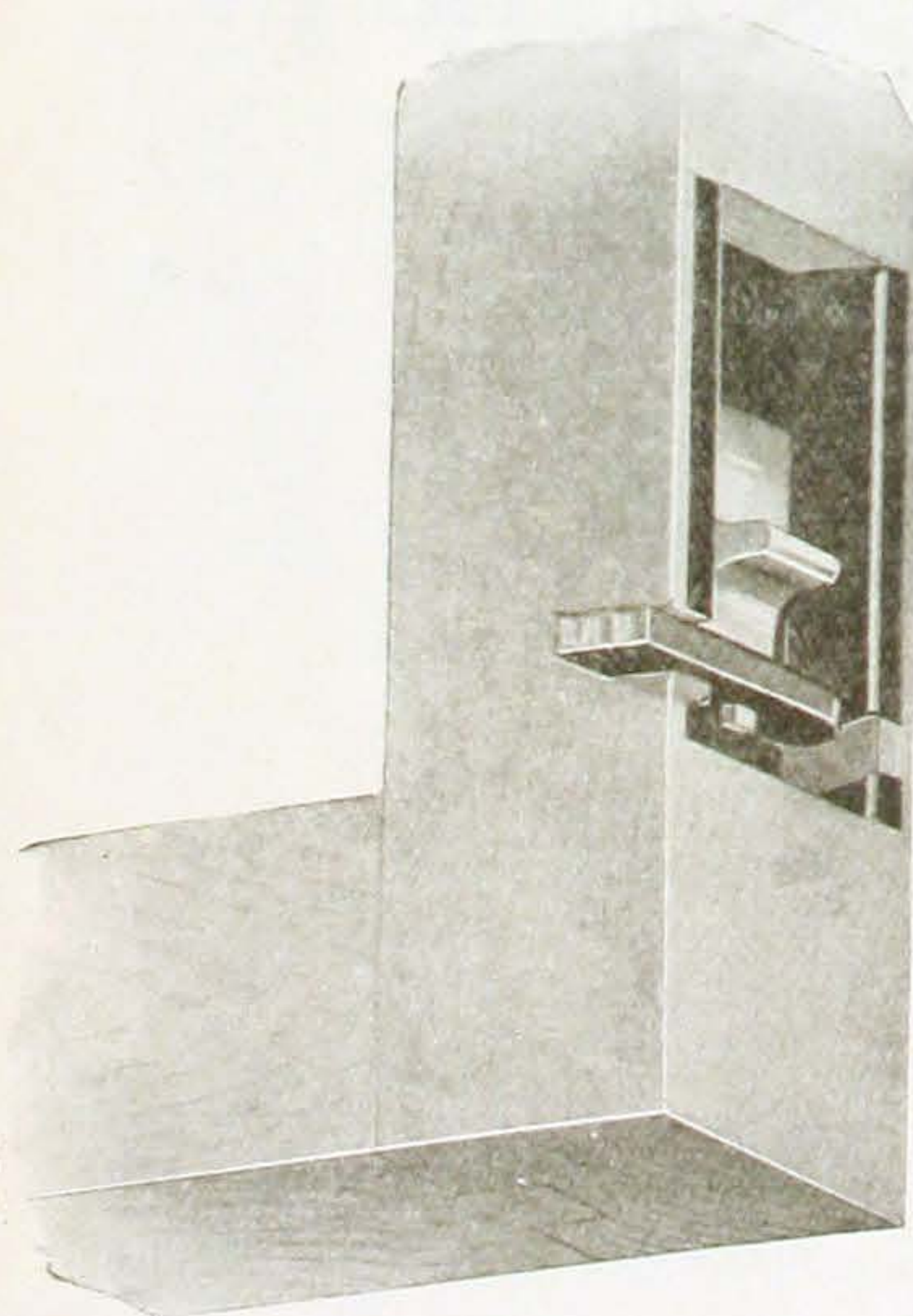
Can be fitted to any existing Casement.

Prices. No. PHS 6158

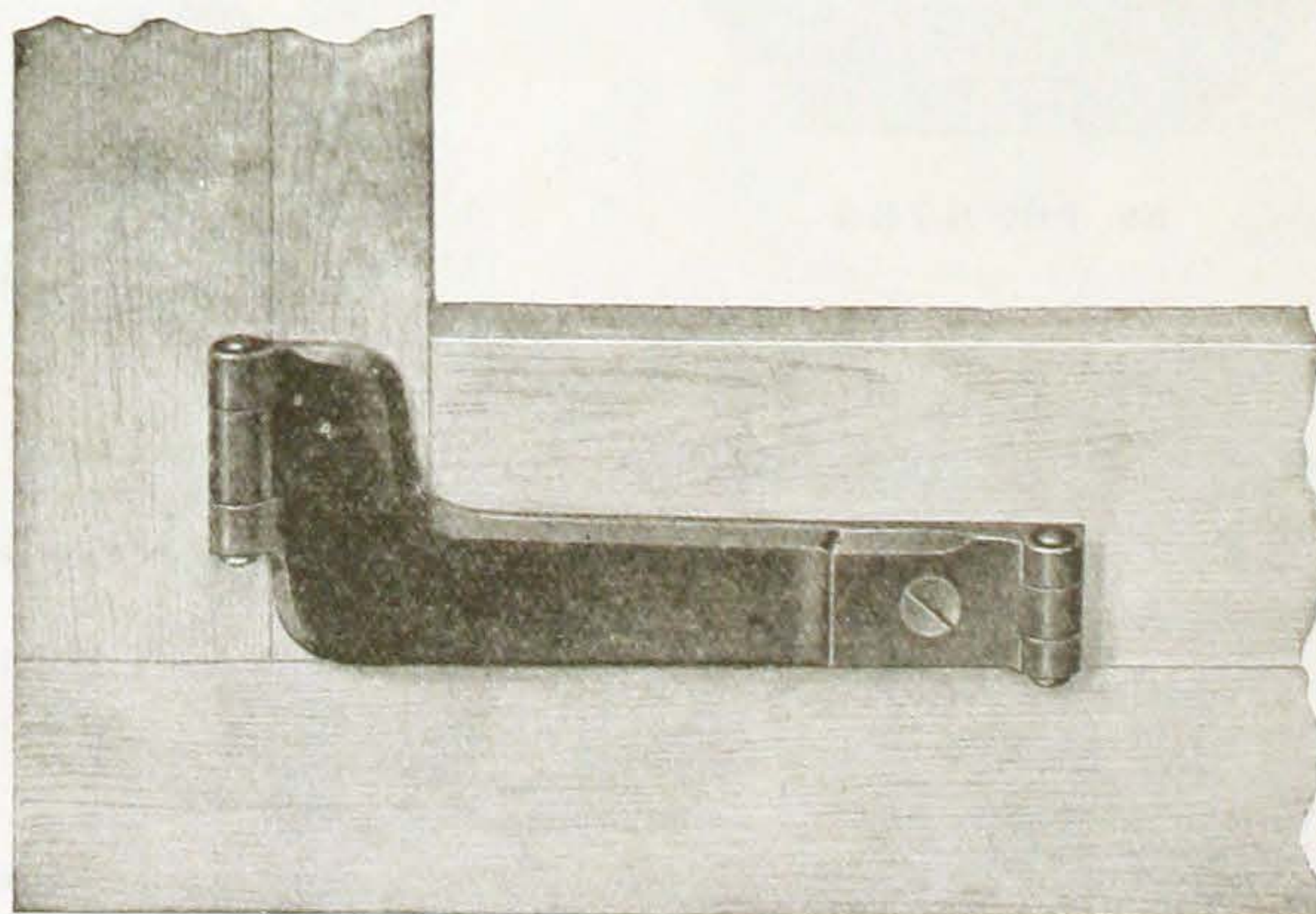
	5"	7"
Berlin Black ...	—	6/8 pair.
Parwinac Finish	5/-	7/6 "
Rust-proofed self colour ...	4/6	7/6 "
Polished Brass ...	—	14/- "
B.M.A. ...	—	17/6 "
As fitted to No. 2 Section Casement Malleable Iron, 7", 9/6 per pair.		



Showing Safeguard Hinge as fitted to our No. 2 Section Steel Casement. See page 172.



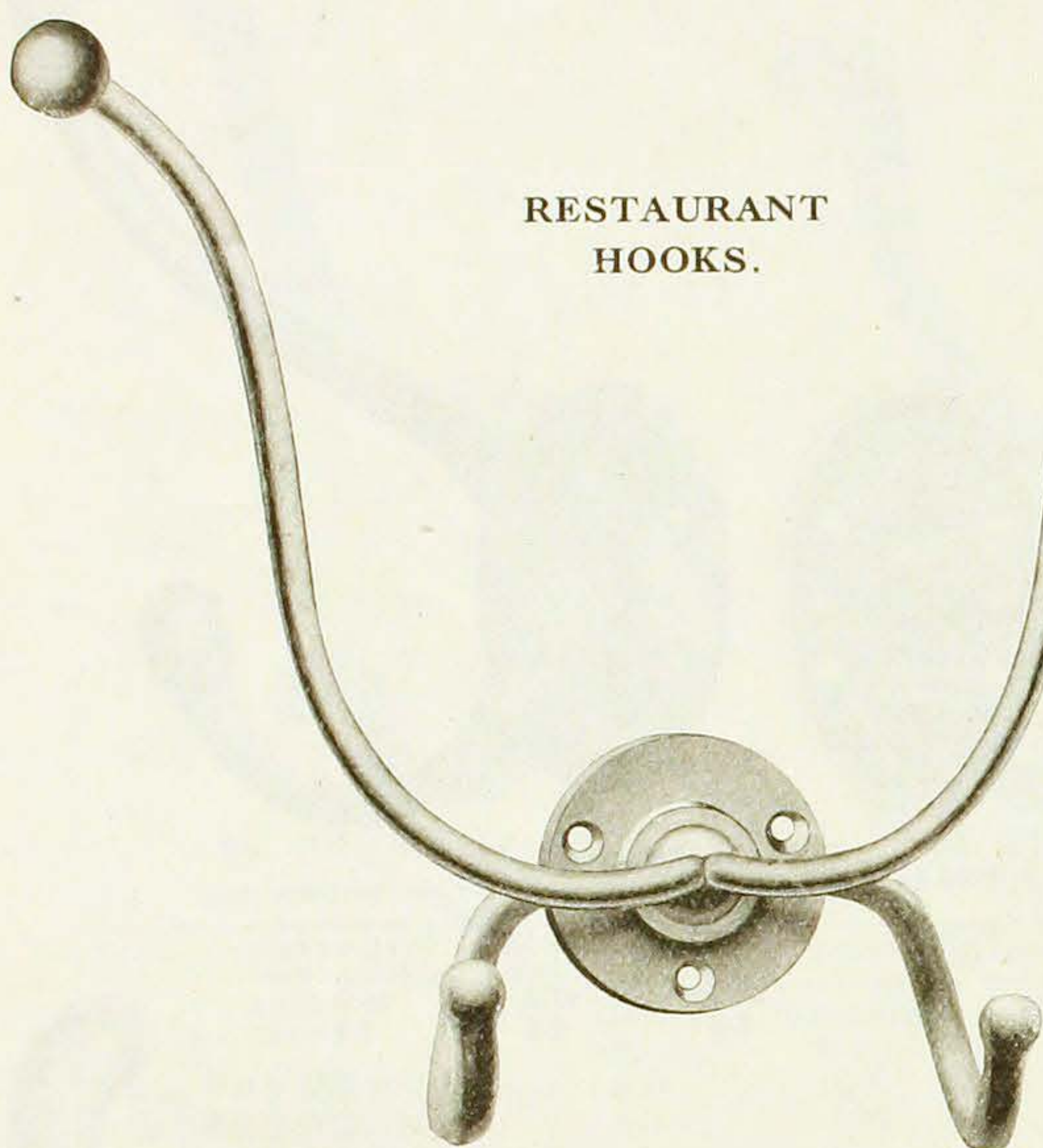
Enlarged View shewing New Patent Fastening Catch.



Outside view of Hinge when fixed.

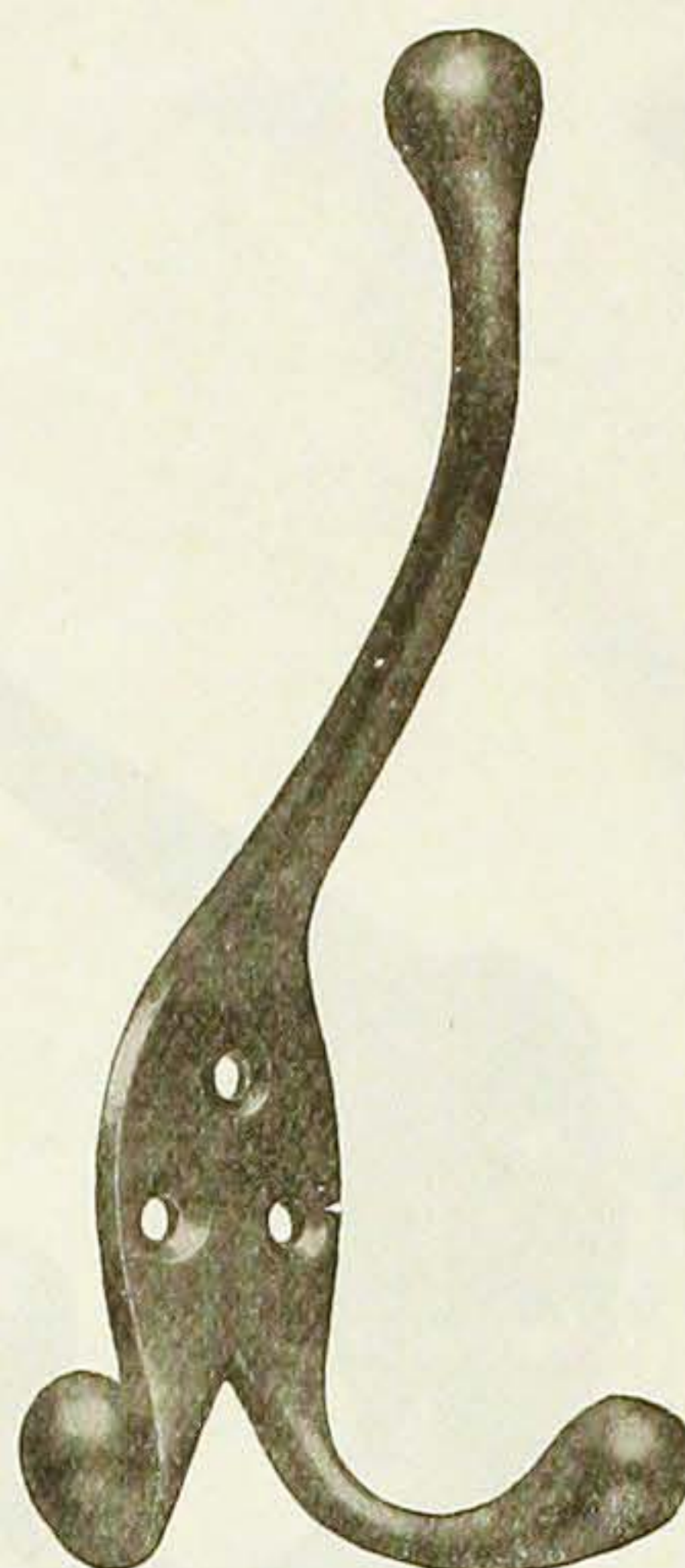
Extra for Chromium Plating Stainless for all patterns on this page except Nos. PHQ 2668, 2677-8, PHS 9195 and PHO 2671, 4/- each nett.

Hat and Coat Hooks

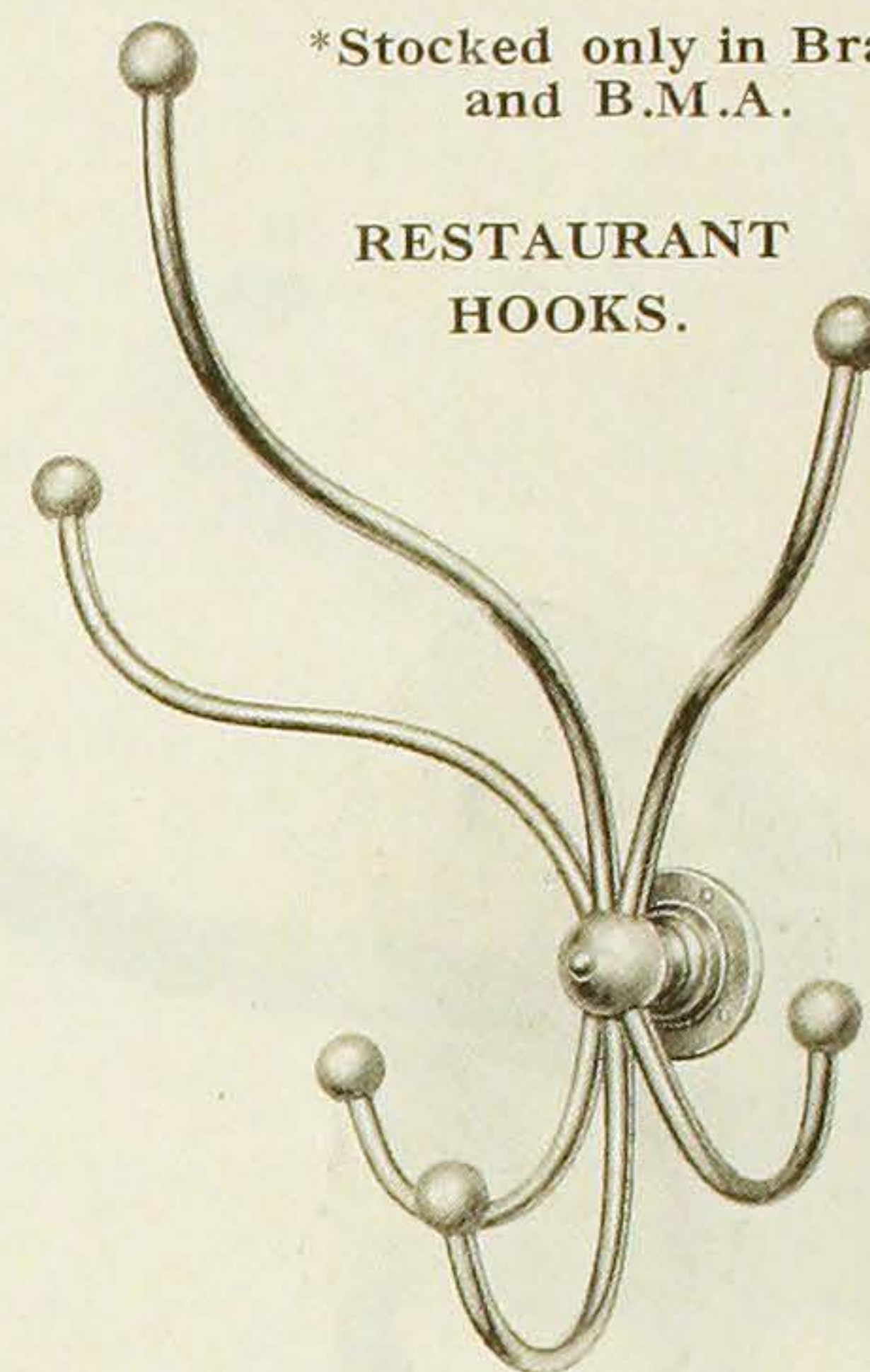


RESTAURANT
HOOKS.

No. PHQ 2668	7½" × 9"	12" × 10"
	each.	each.
Polished Brass ...	8/9	11/6
C. B. & R. on Brass...	10/2	13/3
Bronze Metal Antique	10/6	14/-
Oxidized Silver on White Metal ...	12/9	16/9



No. PHS*2676	Size 6"
	dozen. each.
Brass ...	20/3 1/9
C. B. & R. on Brass ...	22/- 2/-
Bronze Metal Antique ...	25/6 2/3
Oxidized Silver on White Metal ...	35/- 3/1

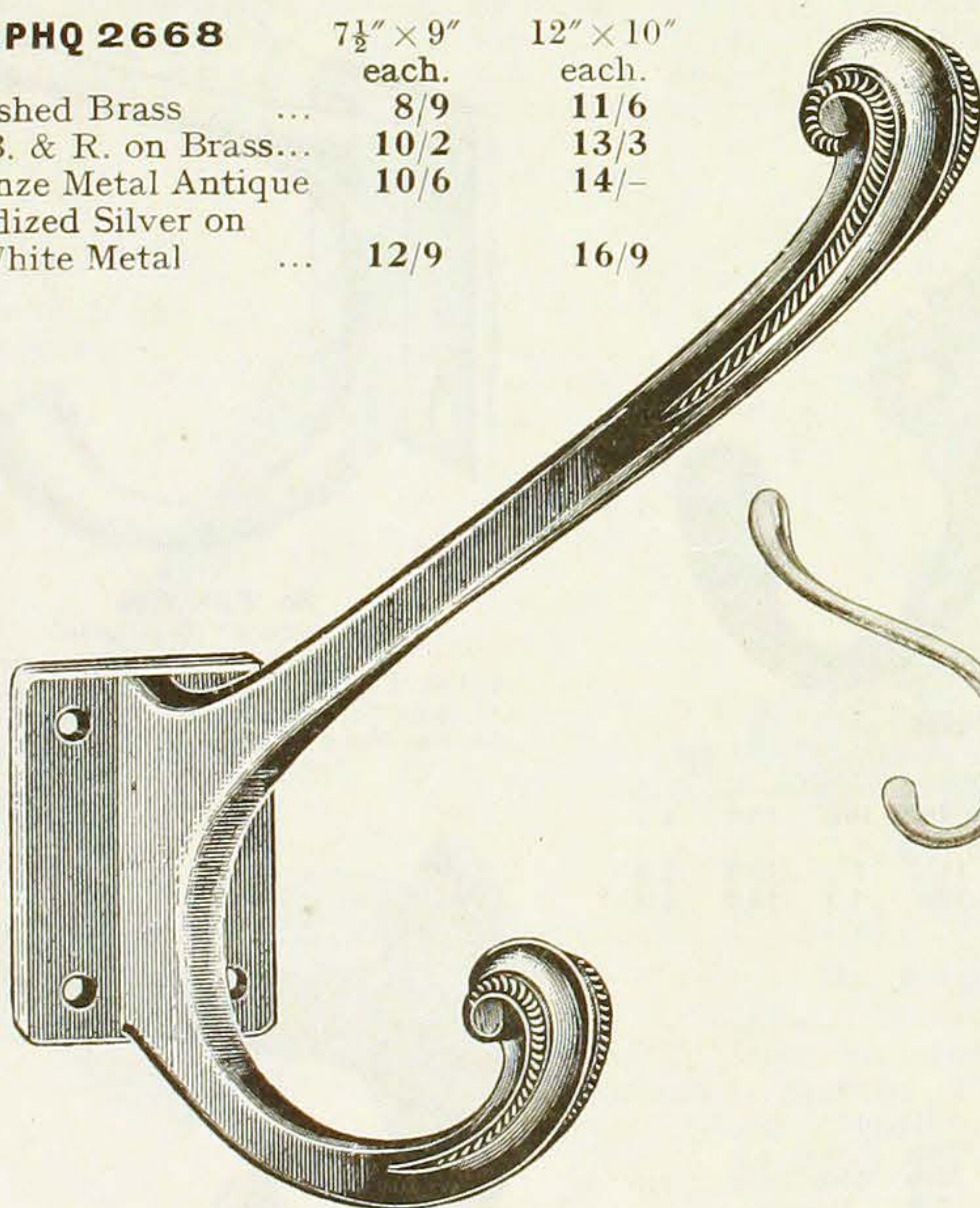


*Stocked only in Brass and B.M.A.

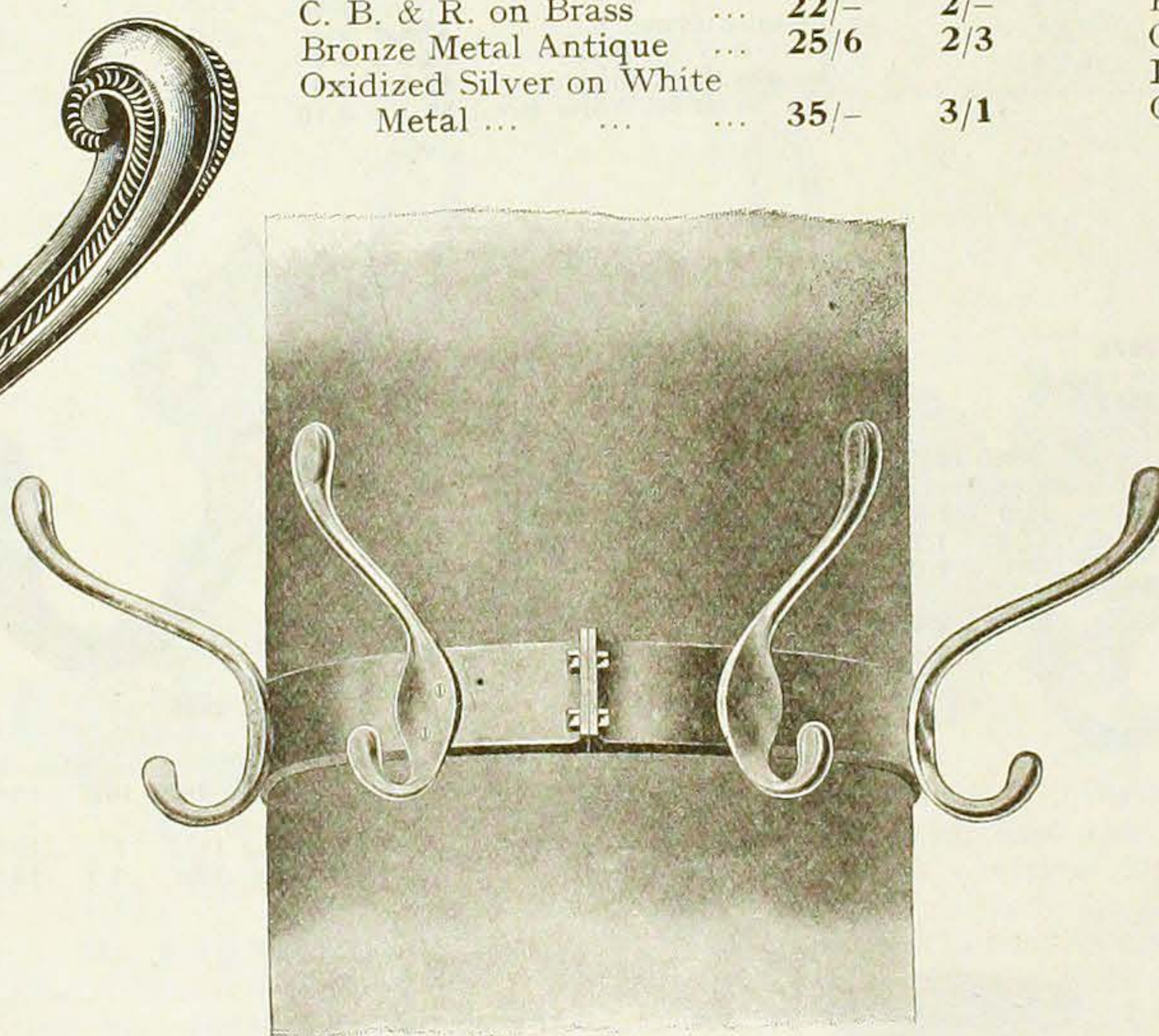
RESTAURANT
HOOKS.

No. PHQ 2677	Size 17½" × 11½"
Polished Brass ...	25/6 each.
C. B. & R. on Brass ...	29/9 "
Bronze Metal Antique ...	29/9 "
Oxidized Silver on White Metal ...	36/9 "

No. PHQ 2678	Size 13"
Polished Brass ...	23/9 each.
C. B. & R. on Brass ...	28/- "
Bronze Metal Antique ...	28/- "
Oxidized Silver on White Metal ...	35/- "



No. PHS*9195	5½"	dozen.	each.
Polished Brass ...	12/9	12/9	1/2
A. C. B. on Brass ...	16/3	16/3	1/6
Bronze Metal Antique	16/3	16/3	1/6



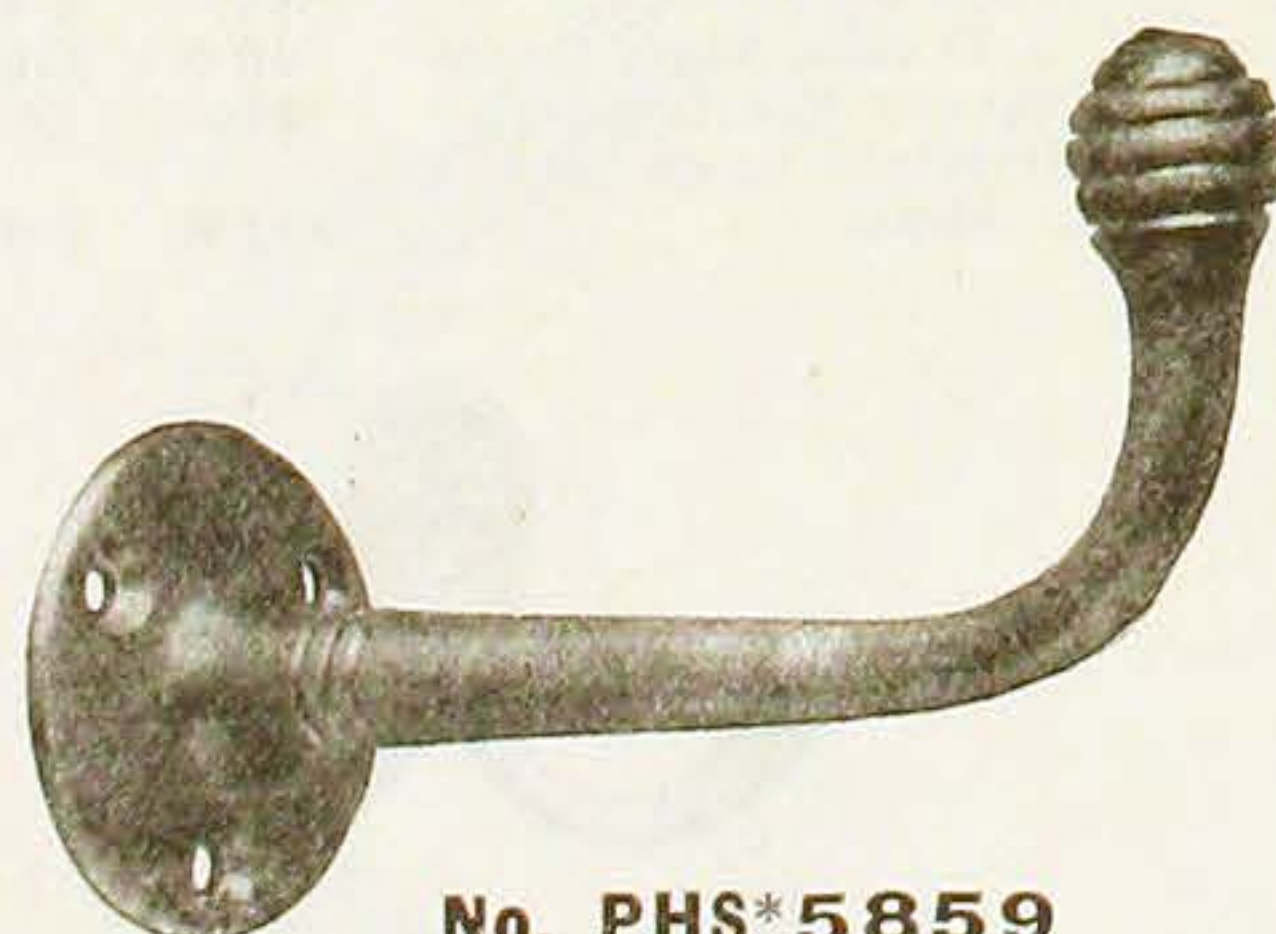
No. PHO 2671
RESTAURANT HOOKS.

Made for any size Pillar.
Lowest Prices quoted upon receipt of Specification.



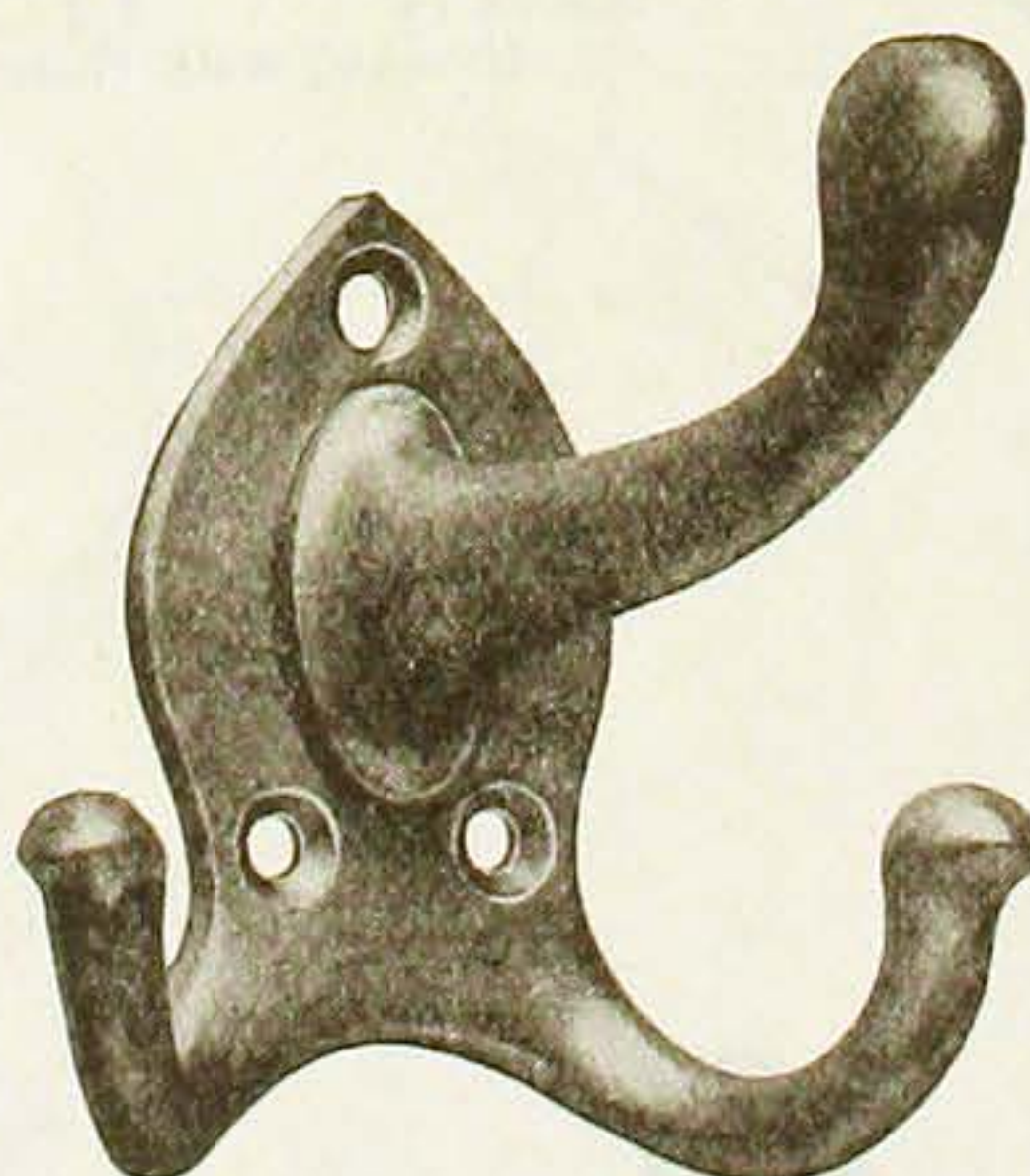
No. PHS 2684
In Polished Brass.

	dozen.	each.
1½"	3/8	4d.
1¾"	4/2	5d.
2"	5/3	6d.
2¼"	6/4	7d.
2½"	8/3	9d.
3"	11/6	1/1

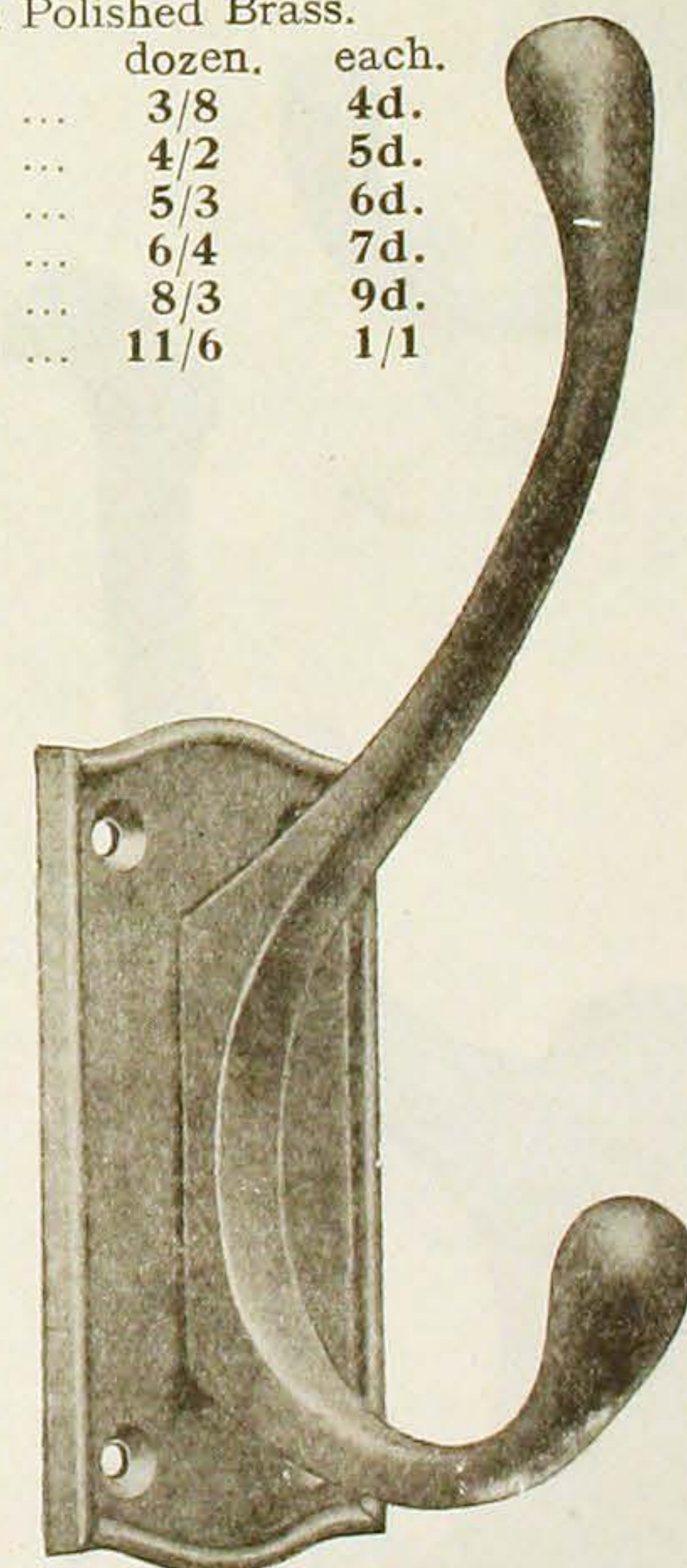


No. PHS*5859

Size	2½"	3"	4"	5"
	doz.	doz.	doz.	doz.
Polished Brass ...	11/6	14/-	17/6	21/-
C.B.&R. on Brass ...	13/3	16/8	21/-	24/6
B.M.A. ...	15/9	18/6	22/9	26/3
Oxidized Silver on White Metal ...	22/-	26/3	31/6	38/6



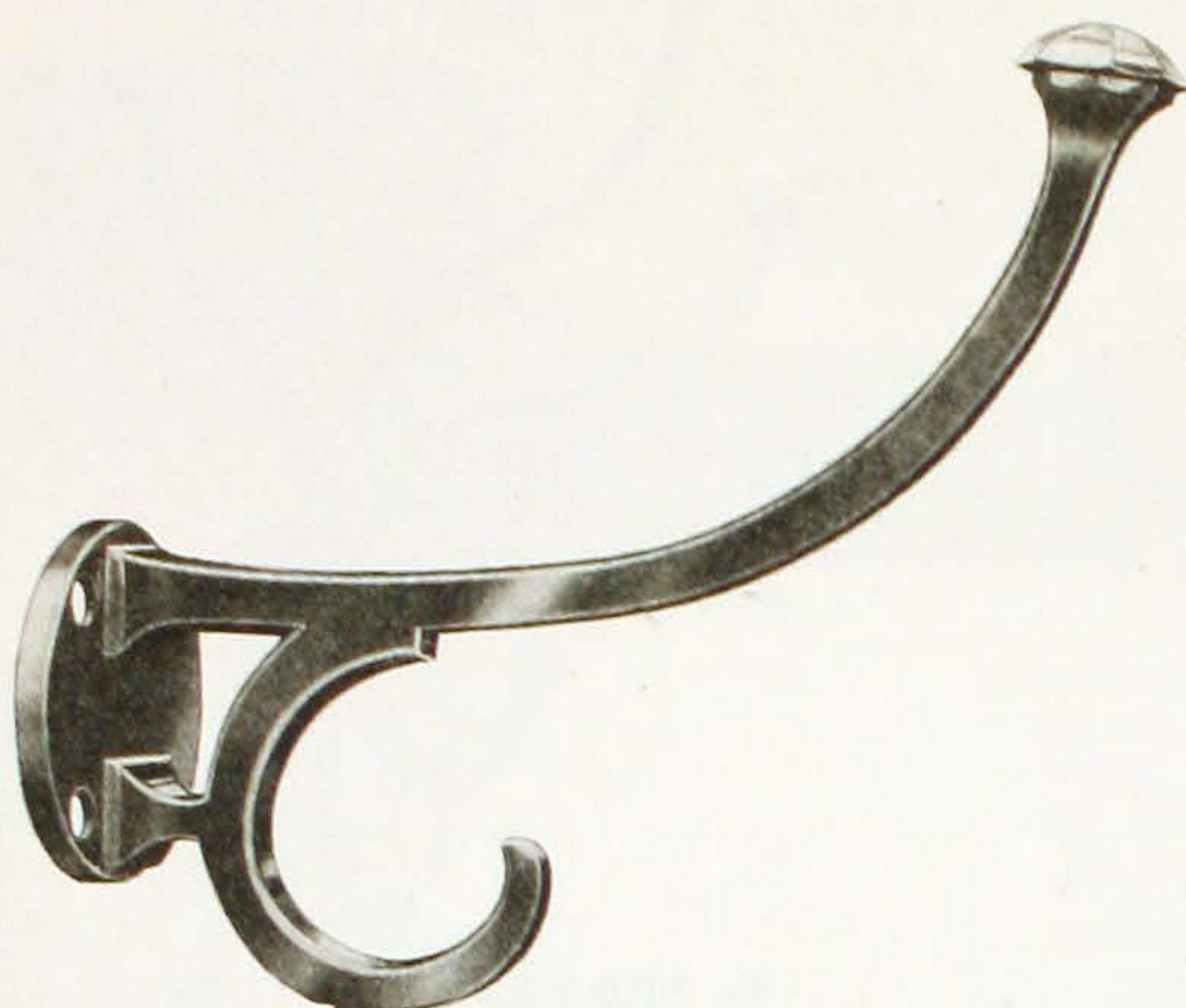
No. PHS*2694	Size 4"
	doz. each.
Polished Brass ...	35/- 3/2
C. B. & R. on Brass ...	39/6 3/6
Bronze Metal Antique ...	42/- 3/8
Oxidized Silver on White Metal	57/9 5/-



No. PHS*5858 Size 7"

	doz.	each.
Polished Brass ...	52/6	4/6
C. B. & R. on Brass ...	59/6	5/2
Bronze Metal Antique ...	63/-	5/6
Oxidized Silver on White Metal	77/-	6/6

Hat and Coat Hooks.



No. PHS*2665

	4 1/2"		6"	
	dozen.	each.	dozen.	each.
Polished Brass	22/-	2/-	27/3	2/6
C. B. & R. on Brass	24/6	2/2	30/9	2/9
Bronze Metal Antique	25/6	2/3	30/9	2/9
Oxidized Silver on White Metal	43/9	3/9	54/3	4/8

No. PHS*9201
Size 6 1/2"

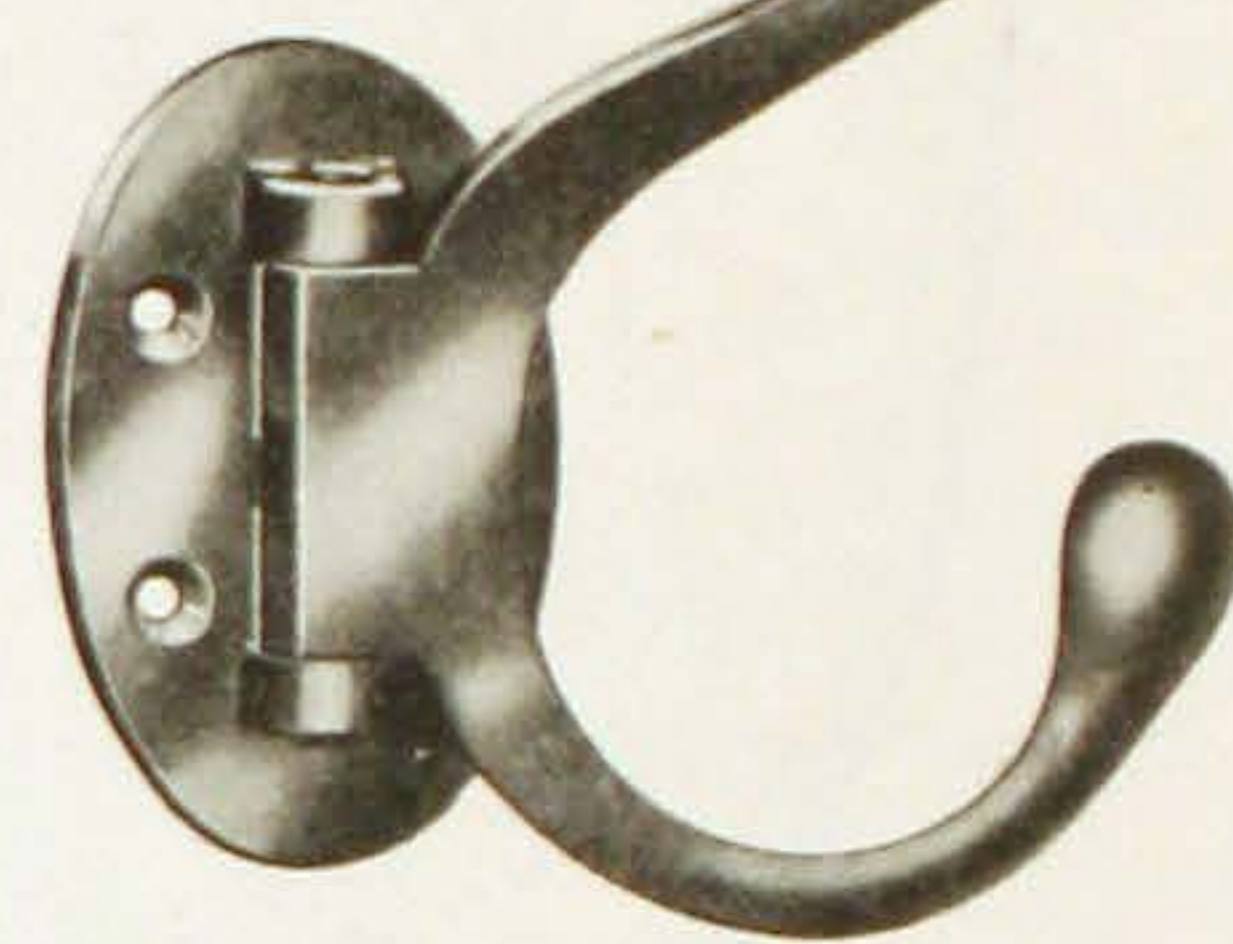
	dozen.	each.
Polished Brass	33/3	3/-
C. B. & R. on Brass	38/6	3/4
Bronze Metal Antique	43/9	3/9
Ox. Silver on White Metal	56/-	4/10



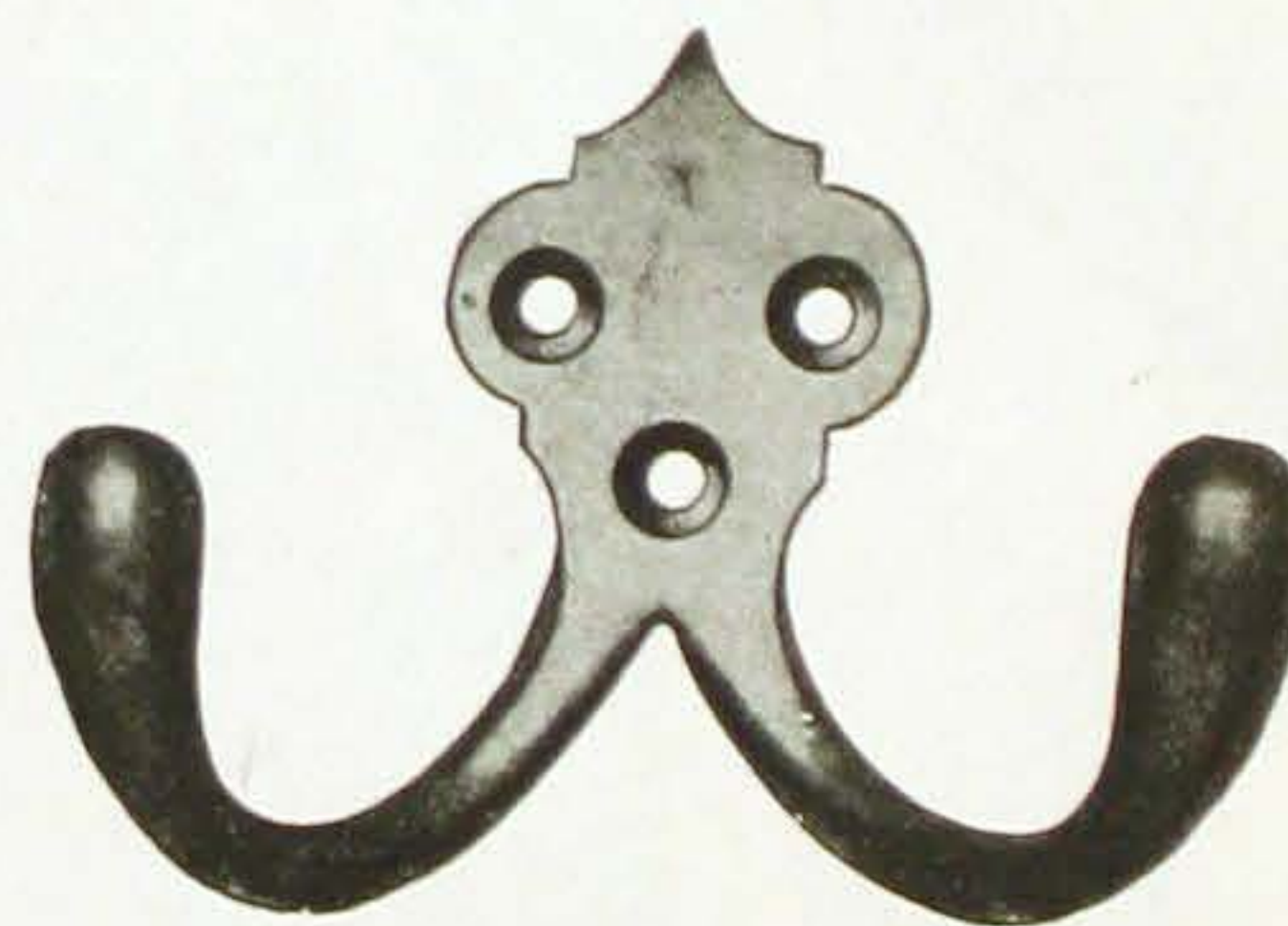
No. PHS*2667

Fold-back Pattern, especially useful for narrow gangways, passages, etc. Size 6"

	C.B. & R. on Brass	Bronze Metal Antique	Oxidized Silver on White Metal
Polished Brass	22/-	27/3	36/9 dozen.
	2/-	2/5	3/3 each.

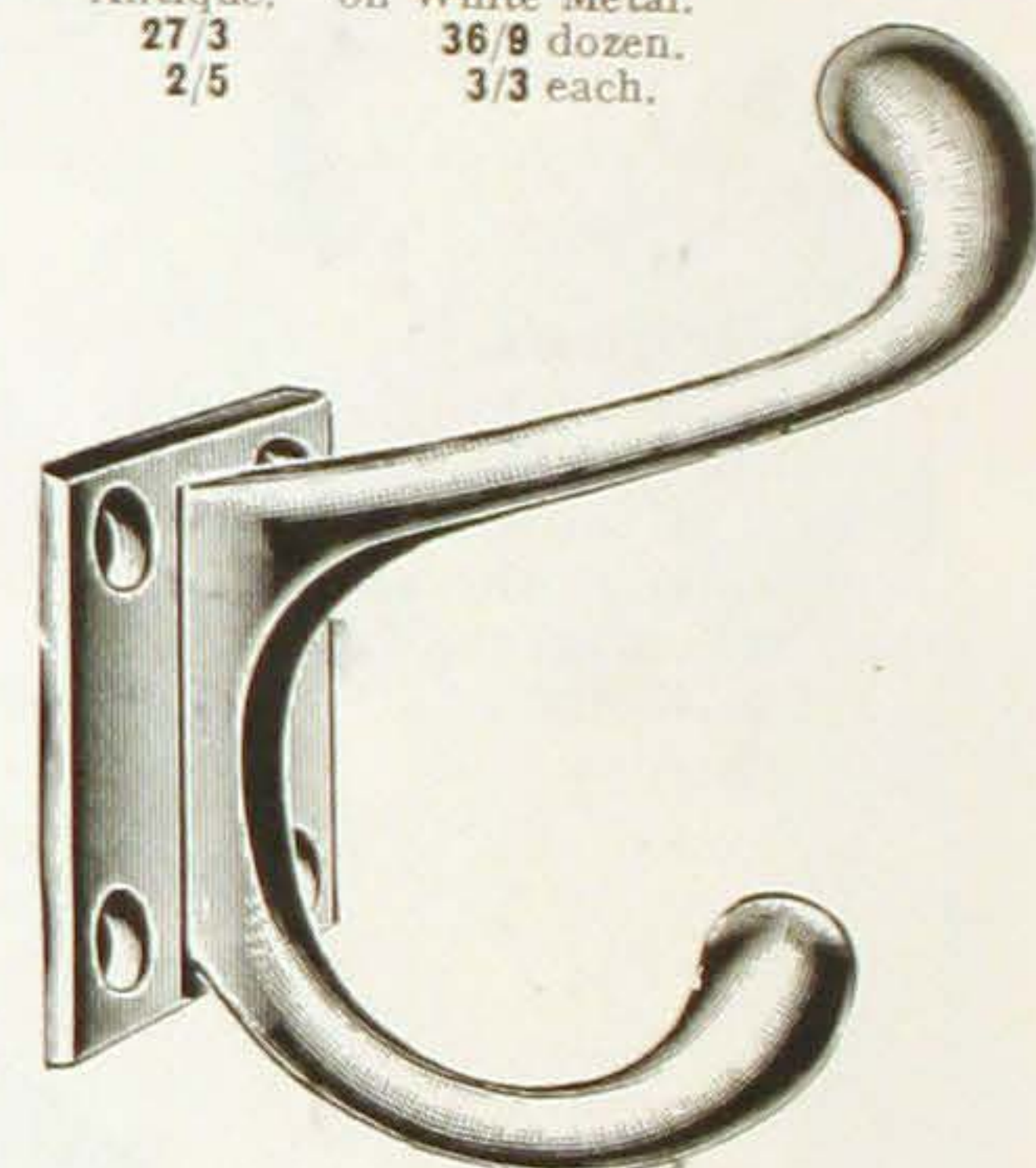
No. PHQ 2672
Medium strength 6"
No. PHQ 2673
Strong, 7"

	PHQ 2672		PHQ 2673	
	dozen.	each.	dozen.	each.
Polished Brass ..	15/9	1/5	38/6	3/4
C. B. & R. on Brass ..	17/6	1/7	43/9	3/9
B.M.A. ..	18/6	1/8	45/6	4/-
Ox. Silver on White Metal ..	27/3	2/5	57/9	5/-



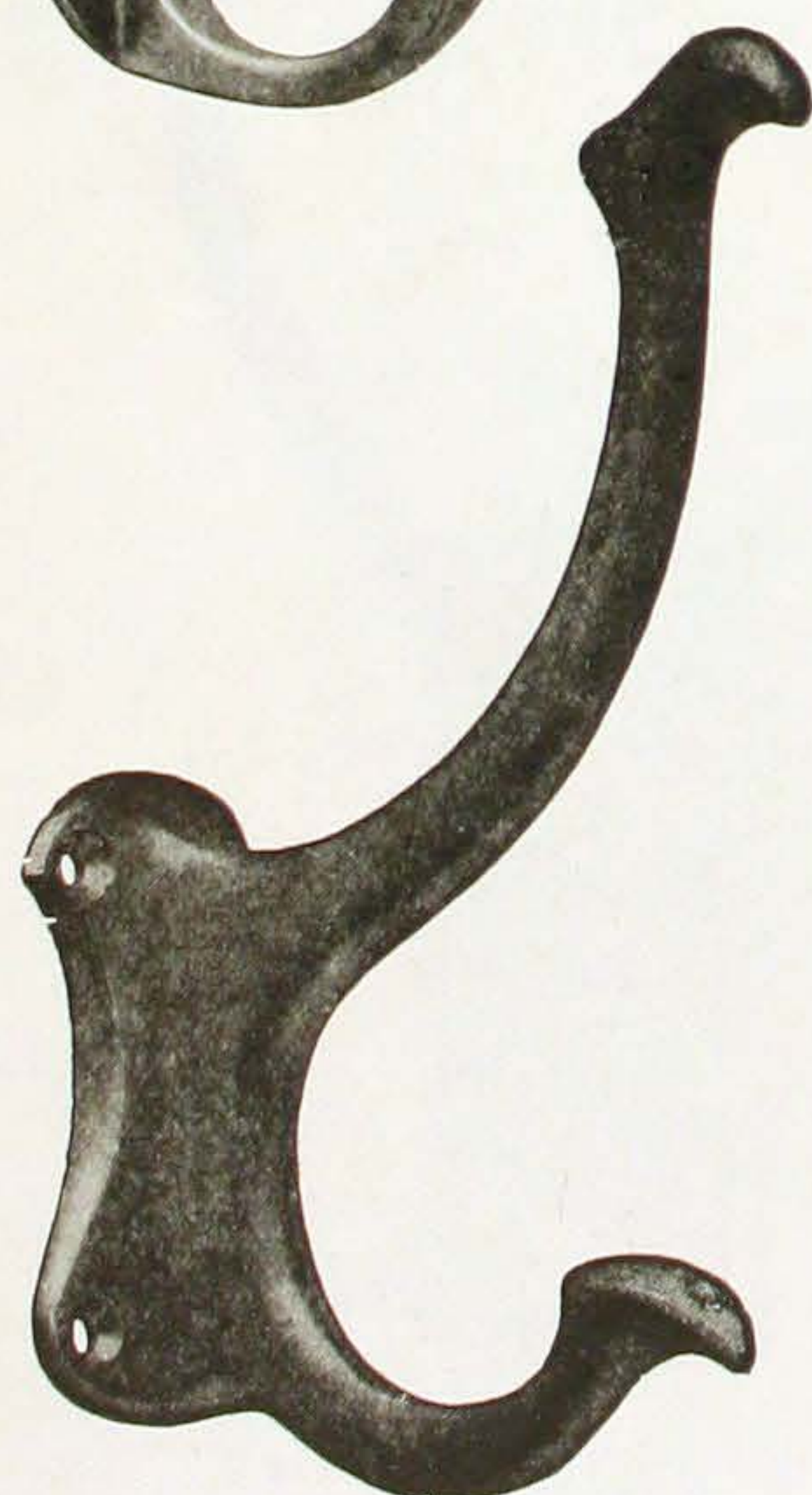
No. PHS*2685

	2"		2½"		2¾"	
	dozen.	each.	dozen.	each.	dozen.	each.
Polished Brass	8/3	9d.	9/4	10d.	10/6	1/-
C. B. & R. on Brass	9/6	10d.	11/-	1/-	12/3	1/2
B.M.A.	10/6	1/-	12/-	1/1	13/8	1/3



No. PHS*9196

4½" high, 3" projection.		
	dozen.	each.
Polished Brass	11/6	1/1
Antique Copper Bronze ..	15/-	1/4
Bronze Metal Antique ..	15/-	1/4



No. PHQ 2692 Size 7"

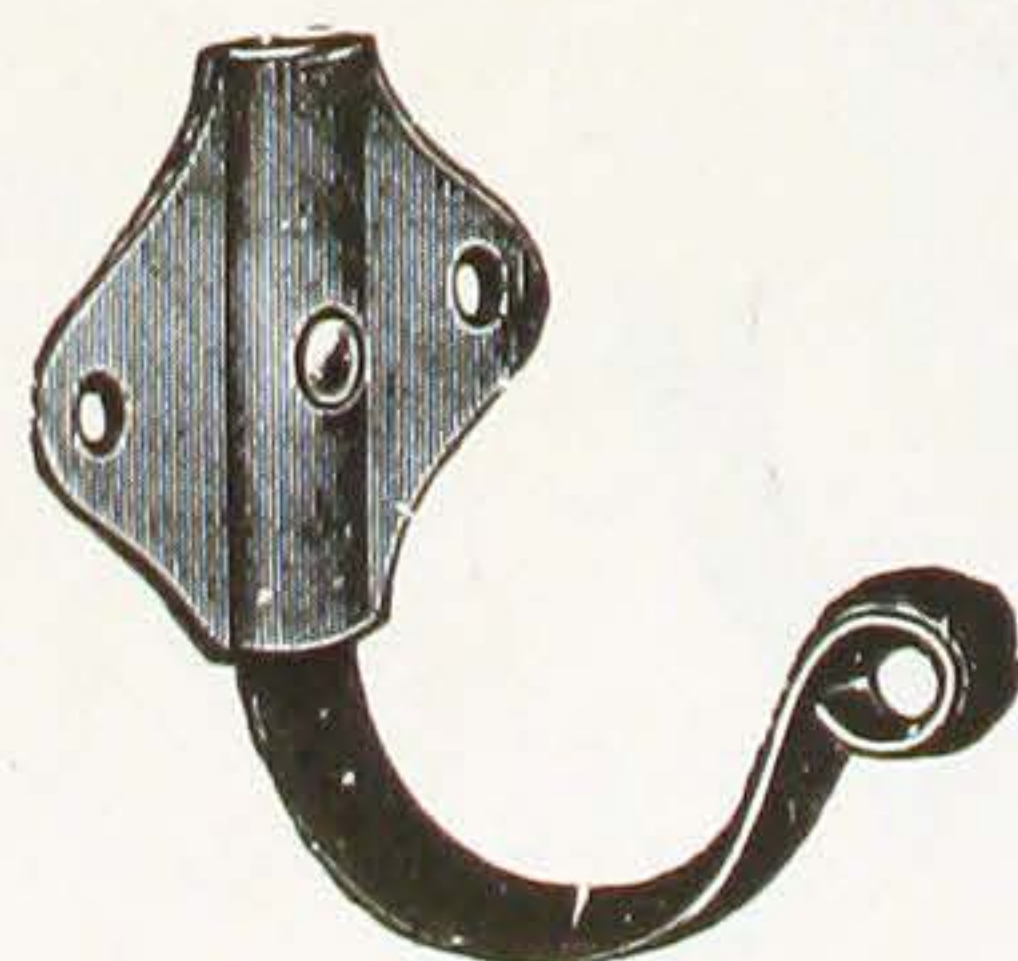
	dozen.	each.
Polished Brass	29/-	2/6
C. B. & R. on Brass	34/3	3/-
Bronze Metal Antique	36/9	3/2
Oxidized Silver on White Metal	49/-	4/3



No. PHS*2686

	No. 1 Plate 2 1/2"	No. 2 Plate 1 3/4"	No. 3 Plate 1 1/2"
	Hooks 2 1/2"	Hooks 2"	Hooks 1 1/2"
Double.	24/2	2/2	18/10
Treble.	27/2	2/5	21/-
Brass.	30/9	2/8	24/2
B.M.A.	34/8	2/6	28/8
dozen.			
each.			
dozen.			
each.			
dozen.			
each.			

Stocked with three Hooks only.



No. PHS 6448

Wrought Iron, Japanned.
18/6 gross; 1/8 per dozen; 2d. each.

No. PHS 6445

Cast Iron, Japanned.
Size 1 1/2" 7/- gross, 8d. dozen.
" 2 1/4" 8/- gross, 9d. dozen.
" 2 1/2" 8/9 gross, 10d. dozen.

No. PHS*5854 Projection 4 1/2"

	dozen.	each.
Polished Brass	15/-	1/4
C. B. and R. on Brass	18/6	1/8
Bronze Metal Antique	22/-	2/-
Oxidized Silver on White Metal	31/6	2/9



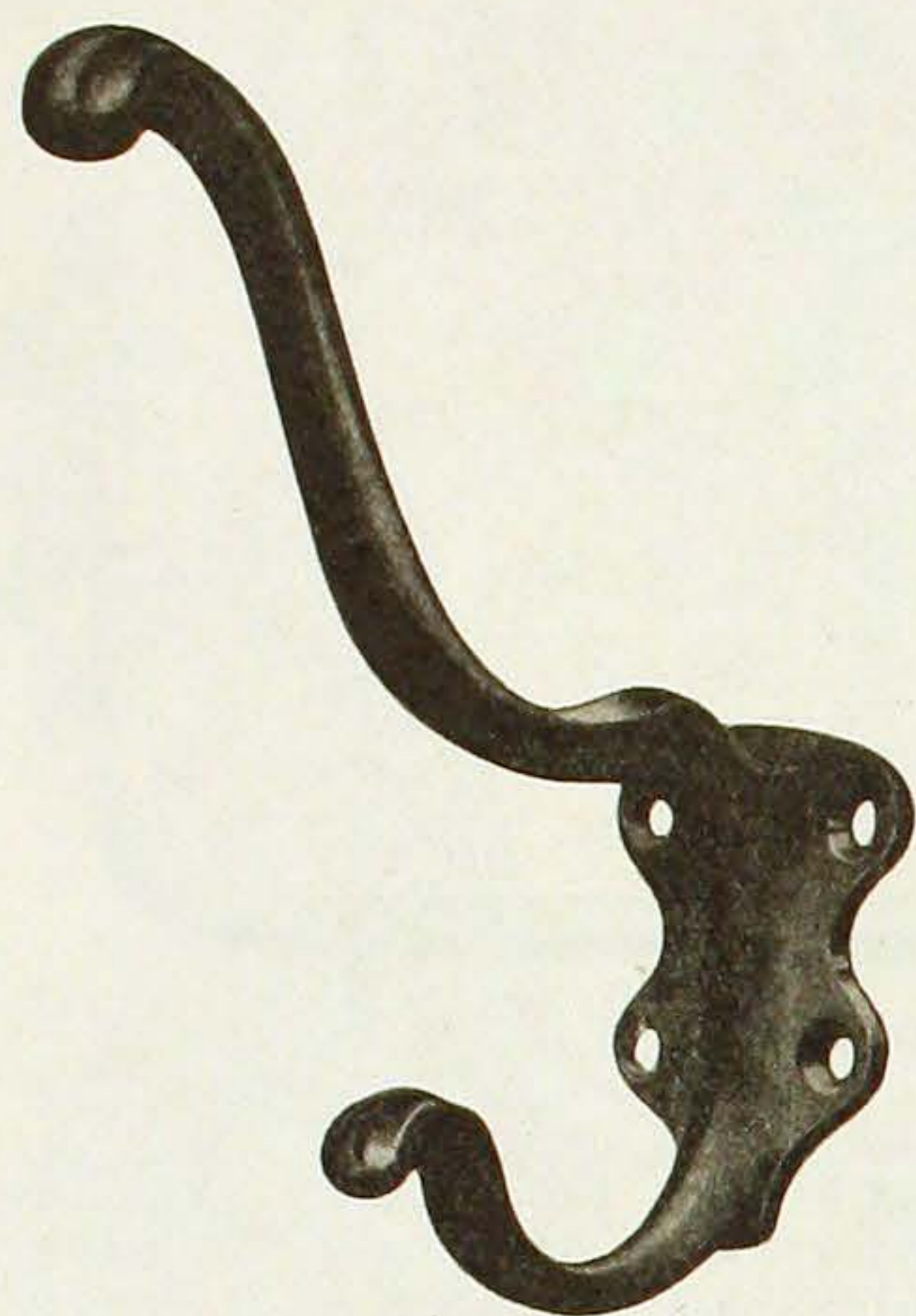
No. PHS*9024 Projection 1 1/2"

	dozen.	each.
Japanned	4/-	5d.
Brass	18/-	1/8
No. PHS 9185 Projection 2 1/2"		
Japanned	5/9	7d.
Brass	24/-	2/2

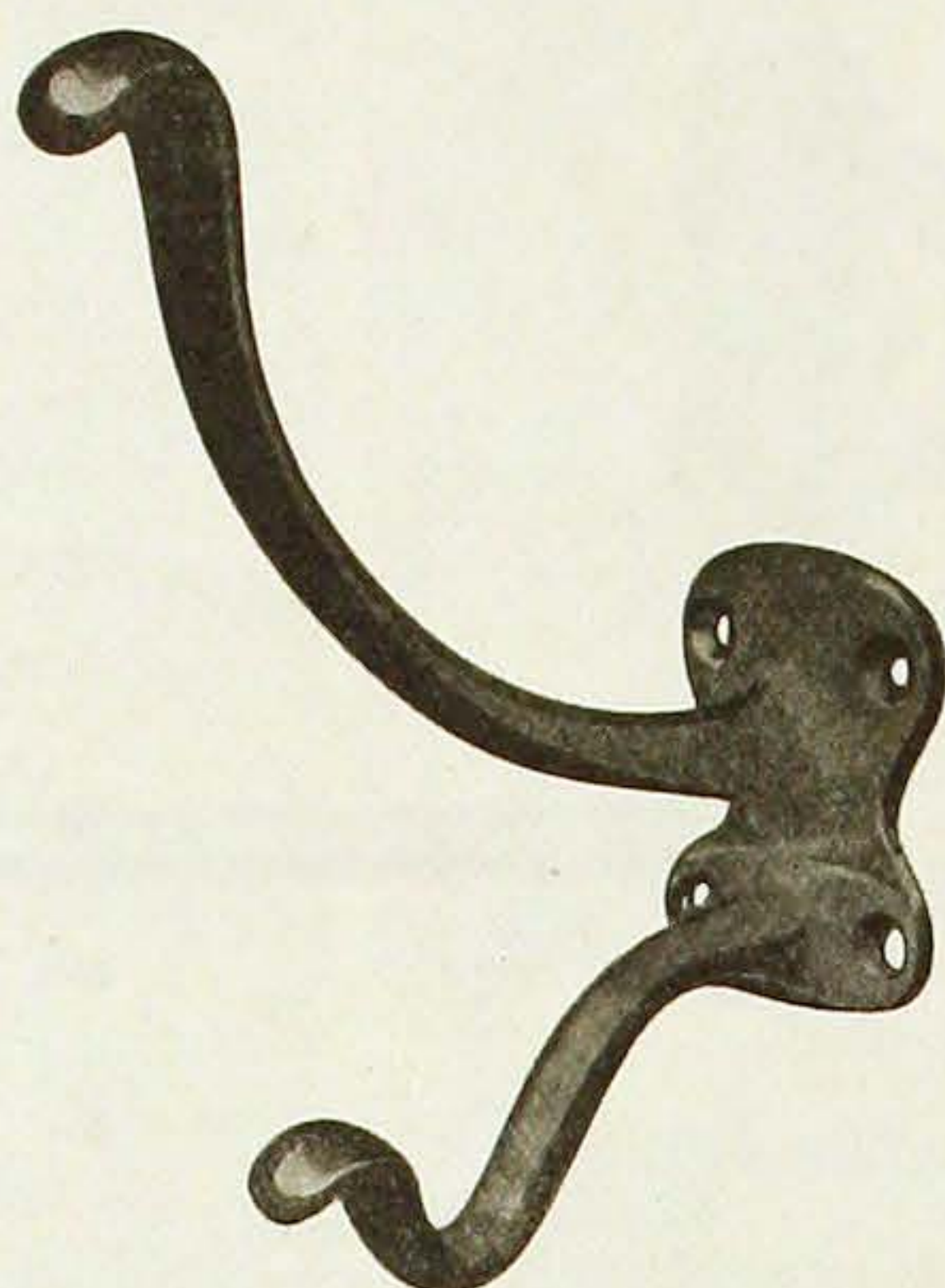
No. PHS 6447

	dozen.	each.
Cast Iron, Japanned.		
2 1/2"	17/6	1/7
3"	21/-	1/10

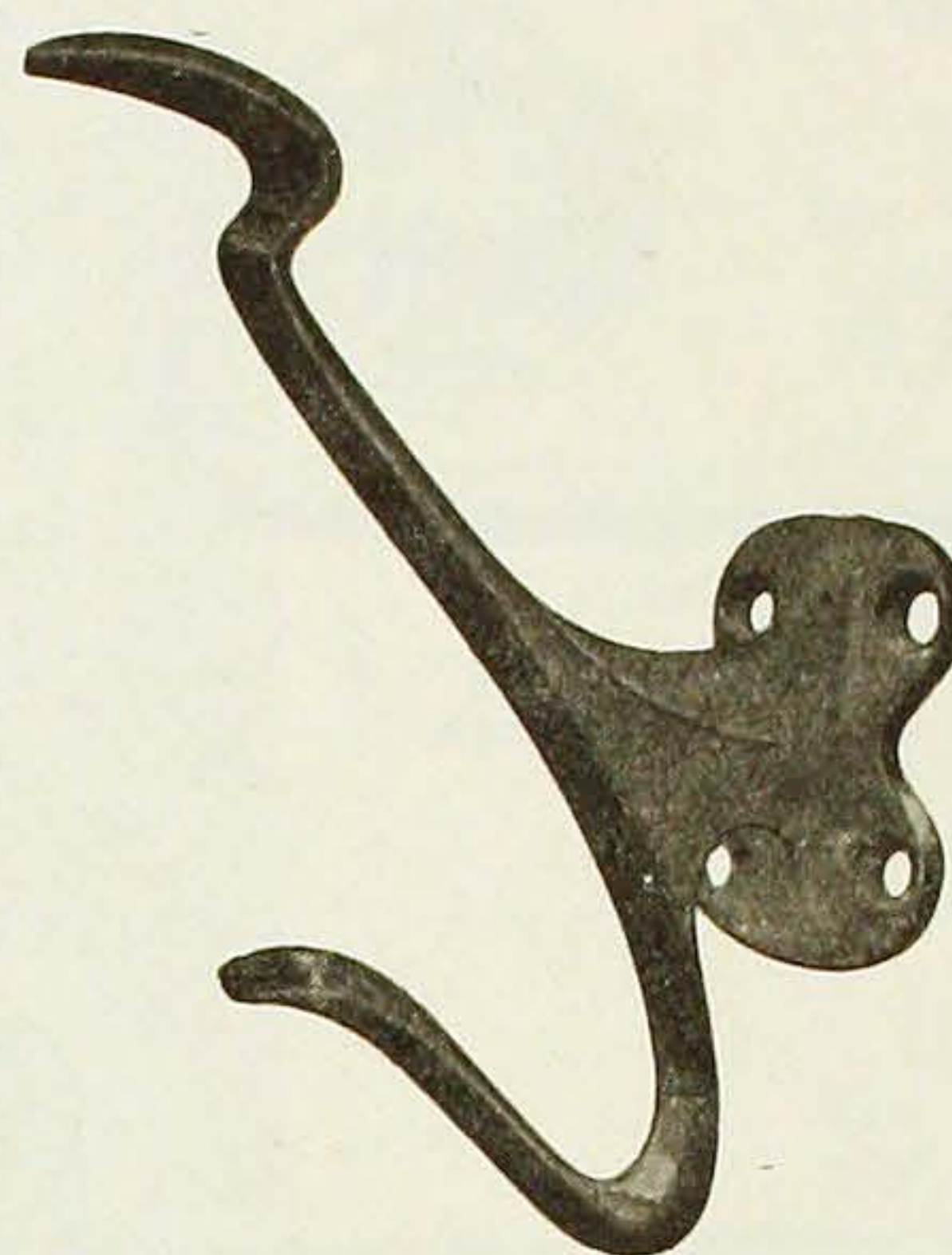
Hat and Coat Hooks



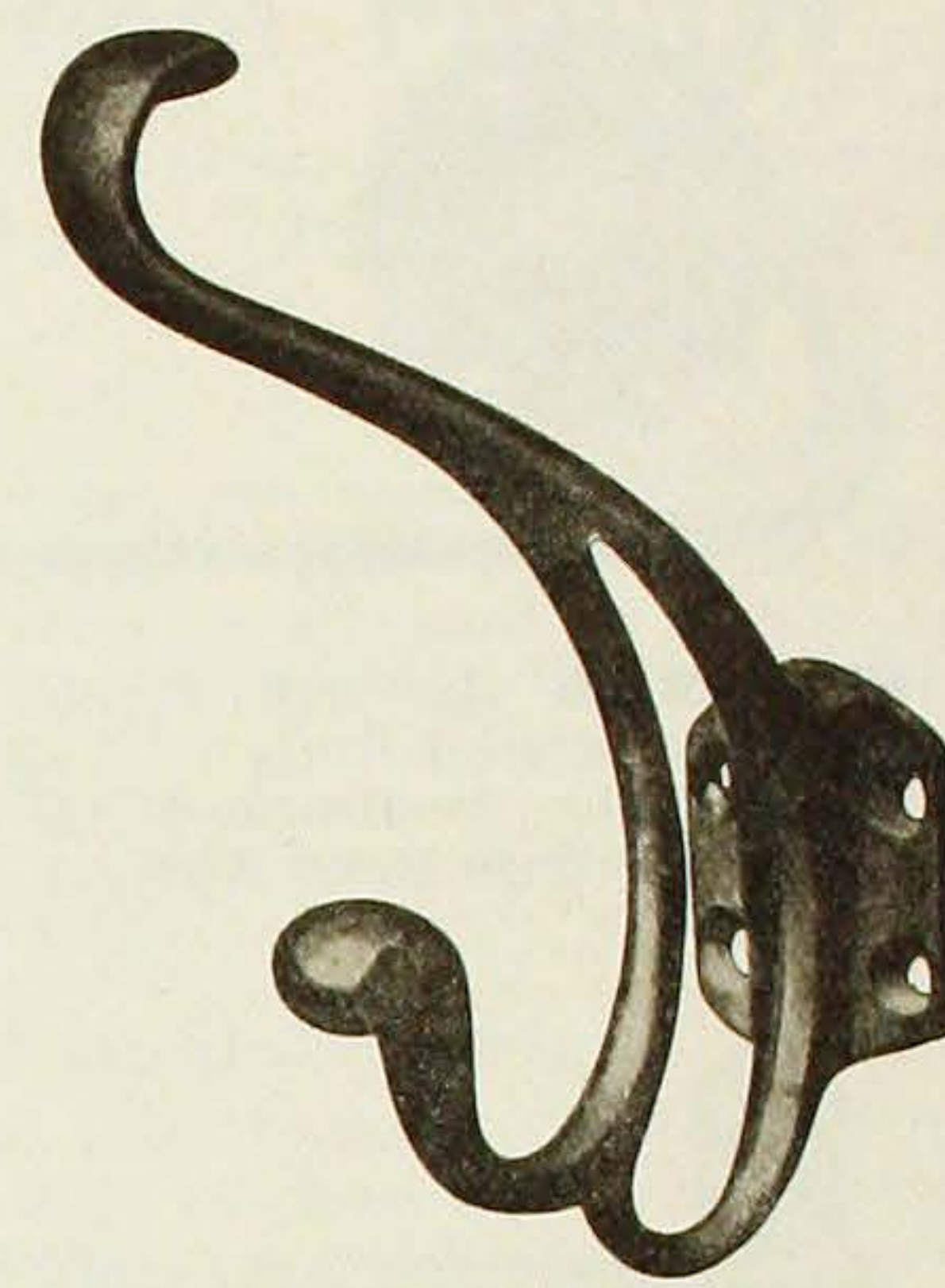
No. PHQ 9387
Size 4½" x 5"



No. PHQ 9388
Size 3½" x 5"



No. PHQ 9395
Size 4½" x 5"



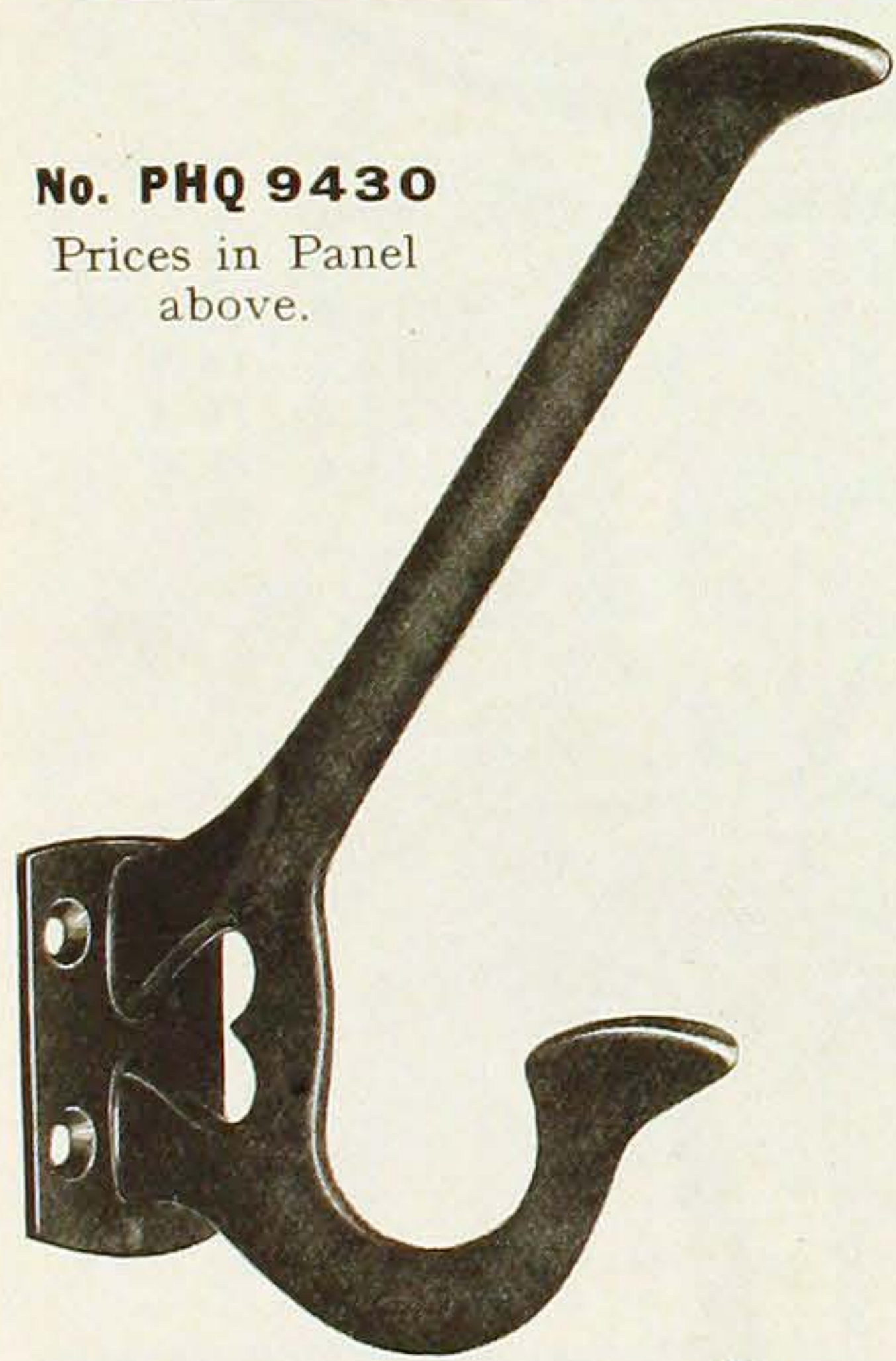
No. PHQ 9396
Size 3½" x 4½"

Malleable Iron.					Common Iron.						
		Berlin Black.	Sheradized B.B.	Parwinac R.R.	Bright R.R.	Berlin Black.	C. B. & R.	Polished Brass.	C. B. & R. on Brass.	Bronze Metal Antique.	
No. PHQ 9387	...	8/9	10/6	10/6	11/10	5/-	6/-	22/9	23/9	26/3	} All per dozen.
No. PHQ 9388	...	8/-	9/9	9/9	9/3	4/6	5/3	21/-	22/-	24/6	
No. PHQ 9395	...	8/-	9/9	9/9	9/3	4/6	5/3	21/-	22/-	24/6	
No. PHQ 9396	...	8/6	10/3	10/3	9/8	5/-	5/9	22/-	22/9	25/6	
No. PHQ 9430	...	8/-	10/3	10/3	9/3	5/3	6/9	17/6	21/-	22/9	

All per dozen.

No. PHQ 9430

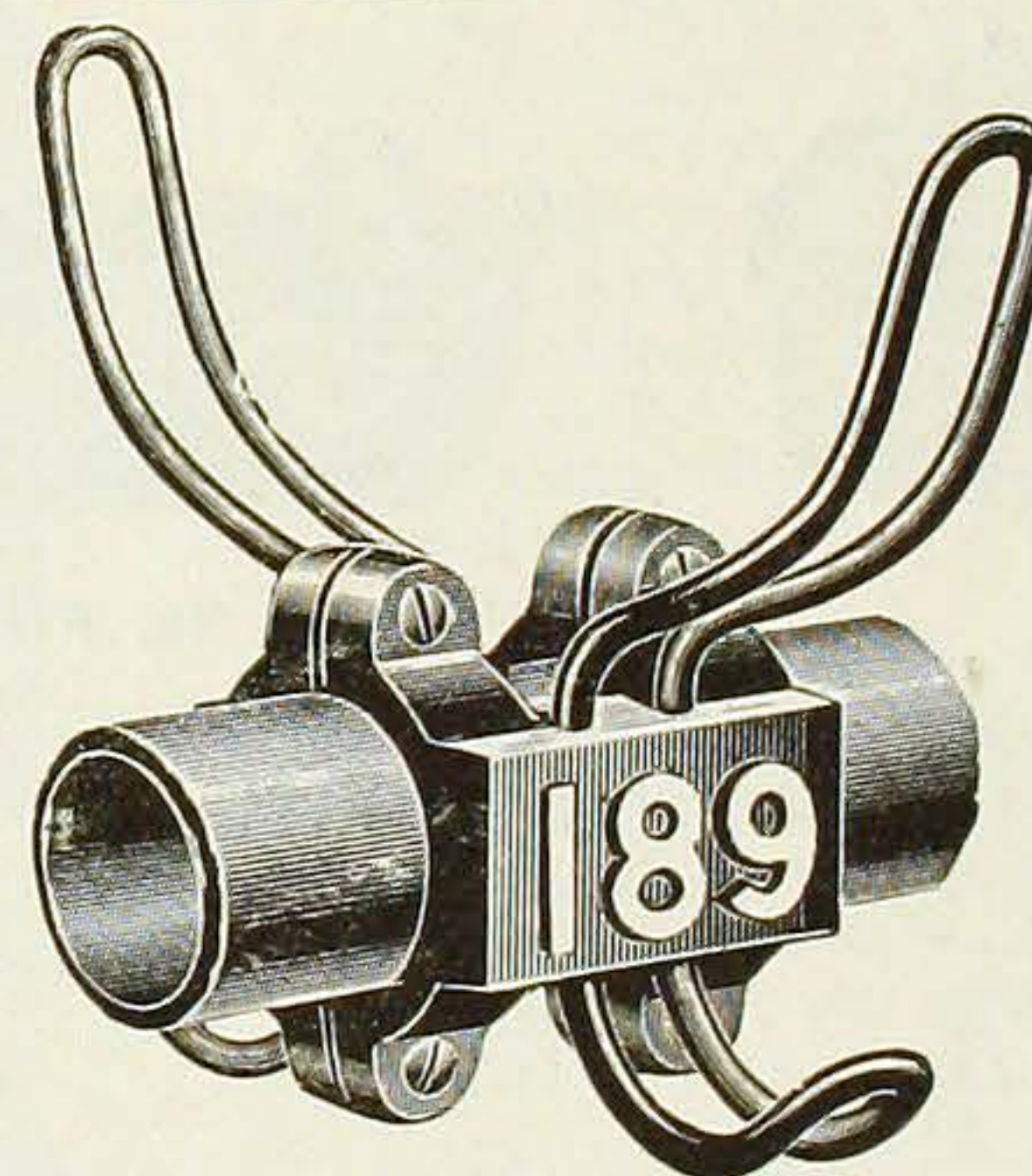
Prices in Panel above.



No. PHQ 9462

The "Council School"

Best 7" Steel Wire Hook, four gauge. Best Malleable Number Plate, with Brass or Raised White Enamelled Figures.
13/8 dozen, 1/3 each.



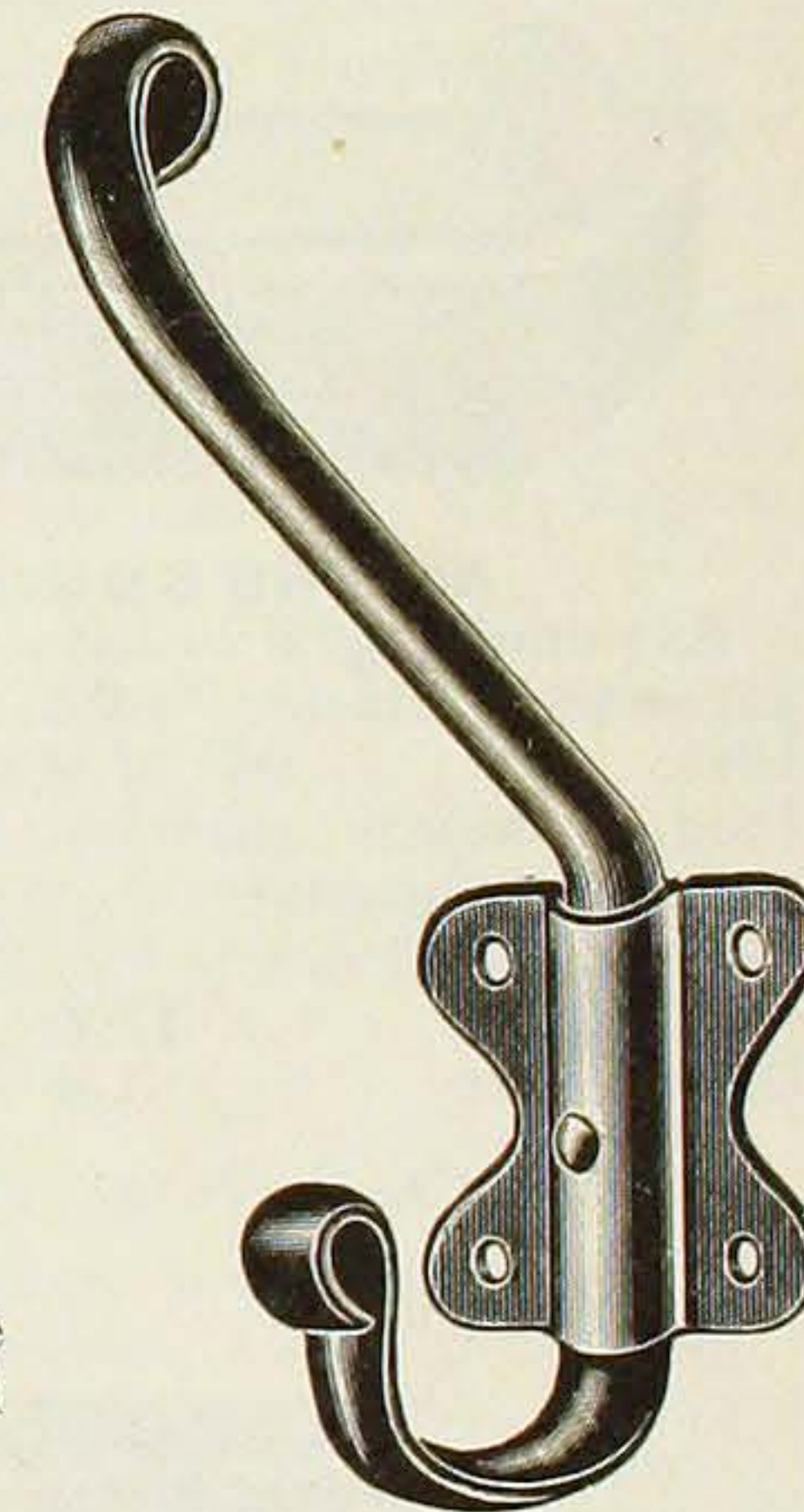
No. PHQ 9460 The "Twin" School Hat and Coat Hook.

For fixing on 1½" (outside diameter) gas pipe rail. Set screws included in price. Japanned with Raised Letters, Painted White.

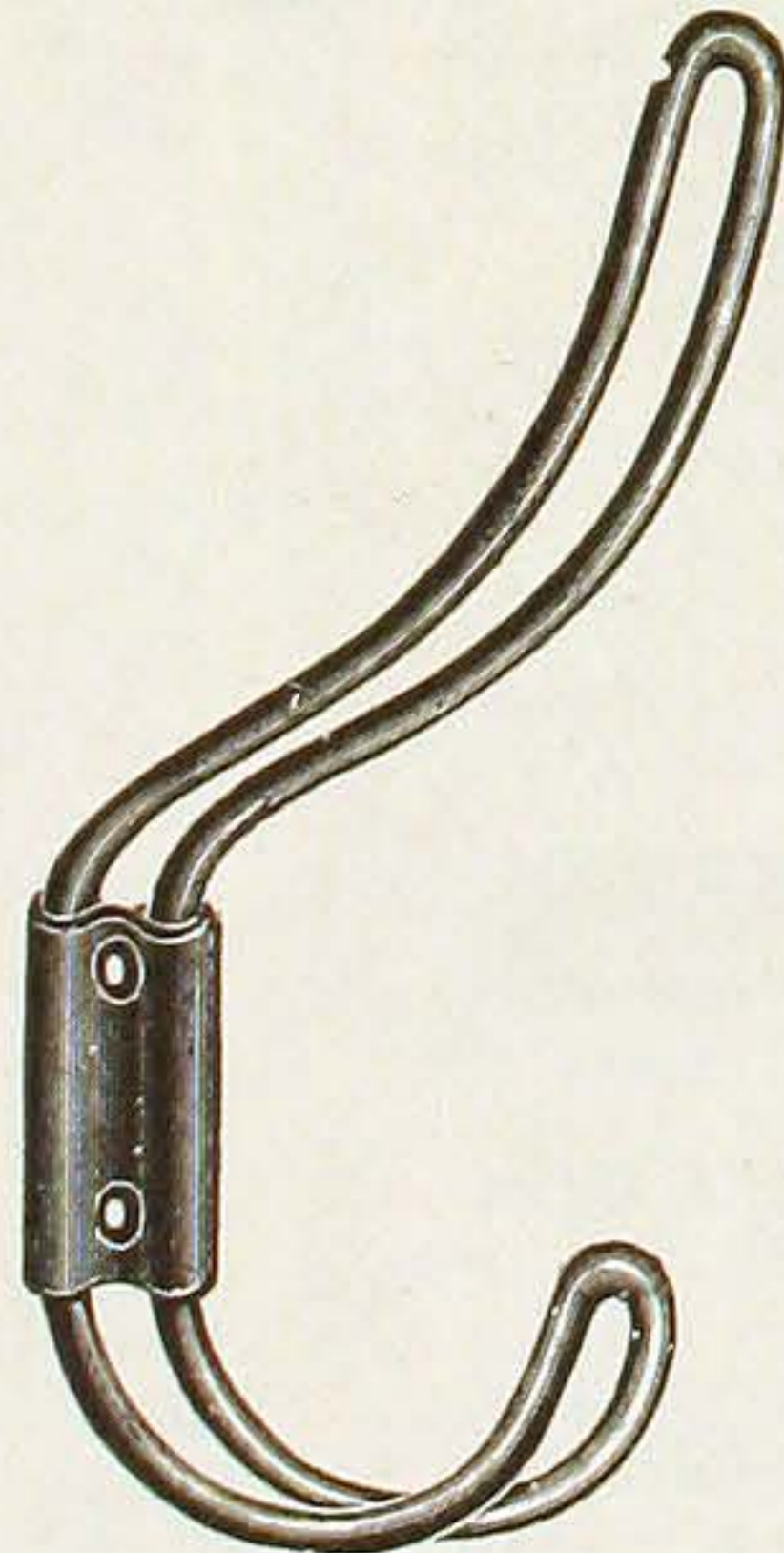
4/- per pair.

These can also be supplied for 1" and 1½" gas pipe rail.

1", 3/6 pair. 1½", 4/6 pair.



No. PHS 6435
Wrought Iron with Copper Plate.
4/6 dozen.



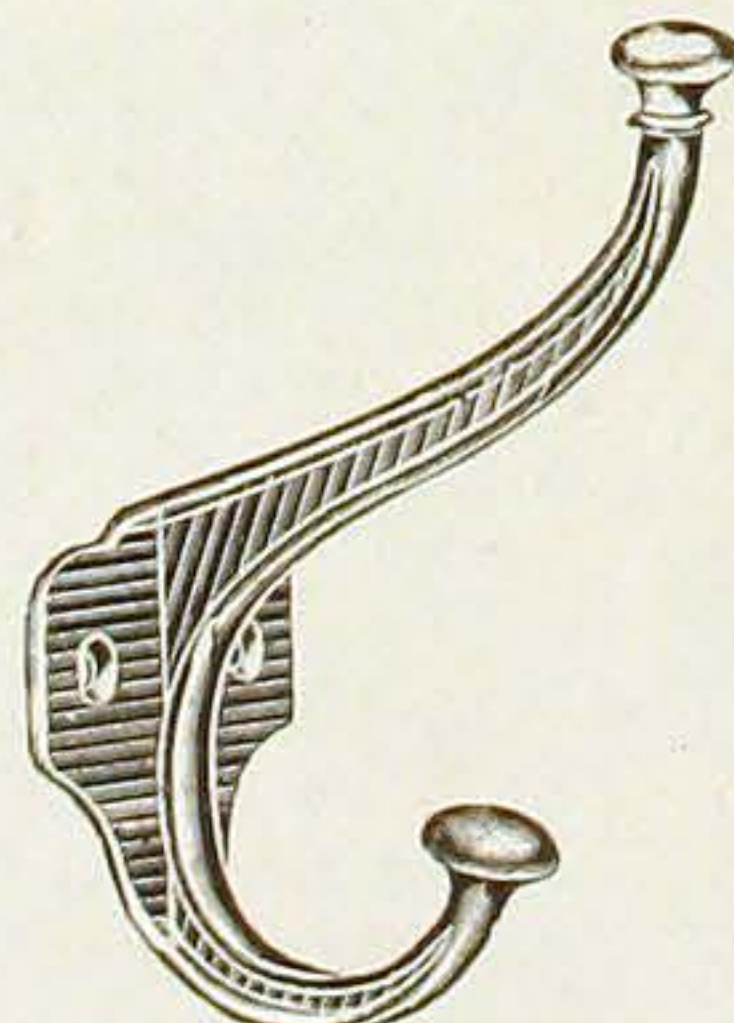
No. PHS 6436

7" extra strong, Japanned, four gauge Steel Wire Hooks. 31/6 gross, 2/9 dozen.

No. PHS 6437 6½" six gauge Wire Hooks.
14/- gross, 1/3 dozen.

No. PHS 6438

8" two gauge Wire Hooks, extra strong, Japanned. 53/- gross, 4/6 dozen.
If with Flange, 10/- gross extra.



No. PHS 9199

Size 6½" Bronze Varnished.
32/6 gross, 2/10 dozen.

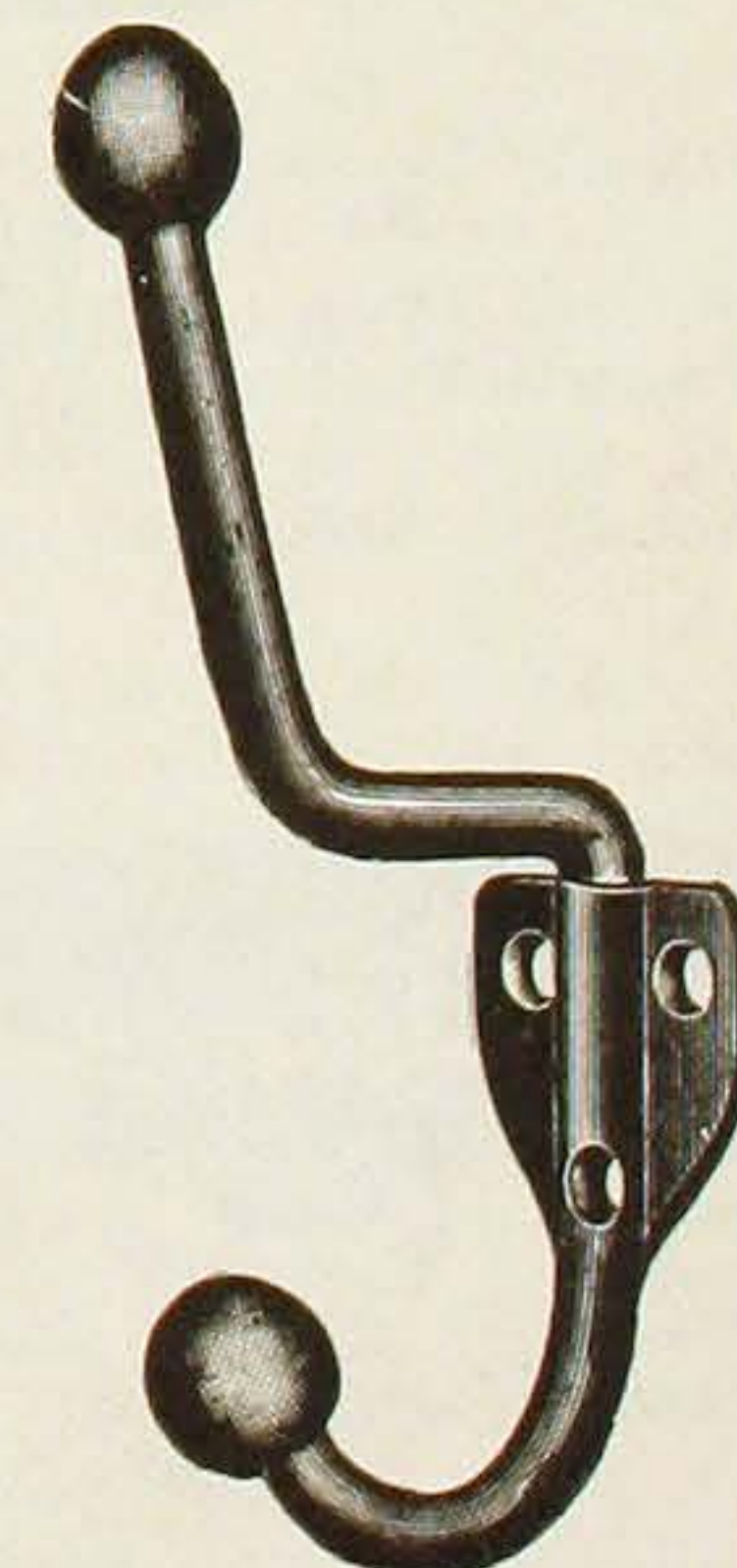


No. PHS 9023

Strong Malleable Iron. Japanned.
6½" x 3½" 8/- dozen, 9d. each.

No. PHS 9197 Japanned, 7½" x 3½"
10/6 dozen, 1/- each.

No. PHS 9198 Japanned, 8½" x 4½"
15/- dozen, 1/5 each.



No. PHQ 6442

The "Barrack" Hat and Coat Hook, 8" x 3½"
Japanned ... 11/6 dozen.
Berlin Black 12/3 dozen.

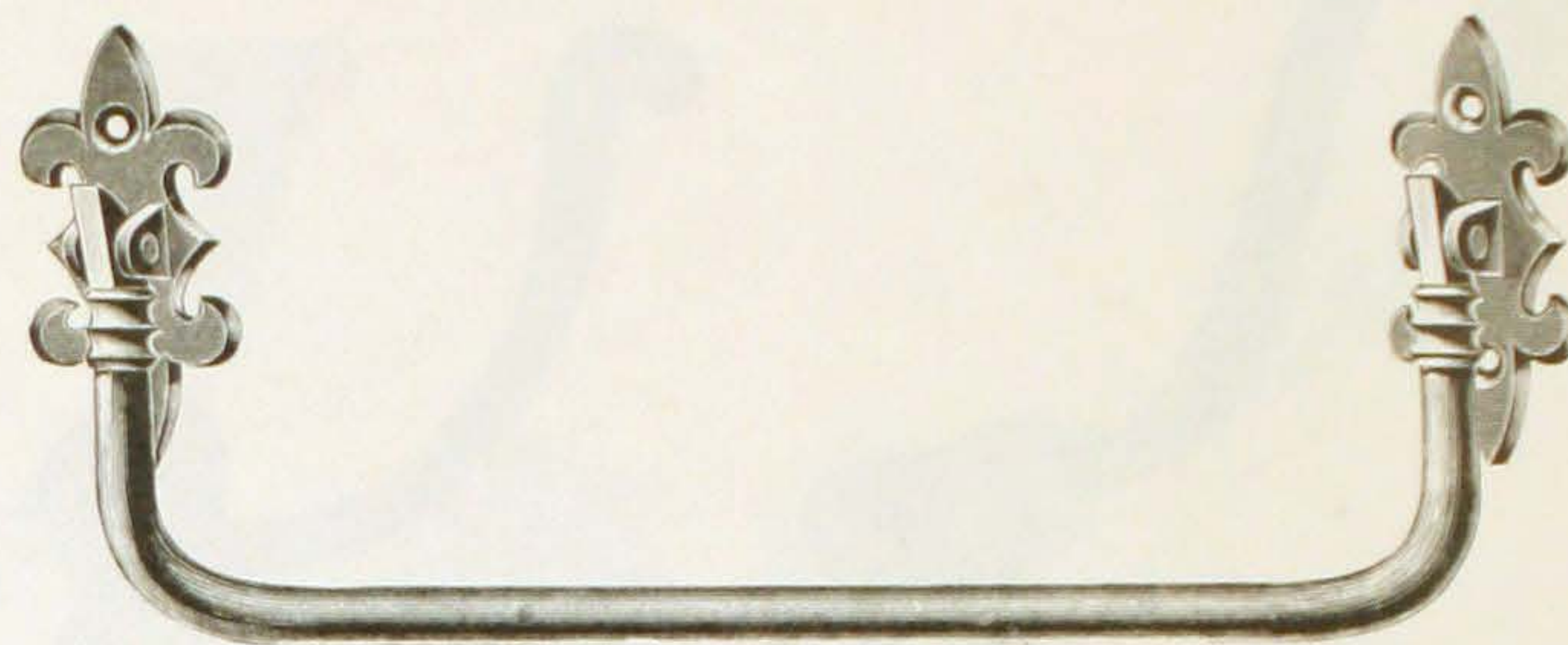
"B" Basis.

PHS—Stock Lines;
PHQ—Quick Delivery

Umbrella Stands and Holders

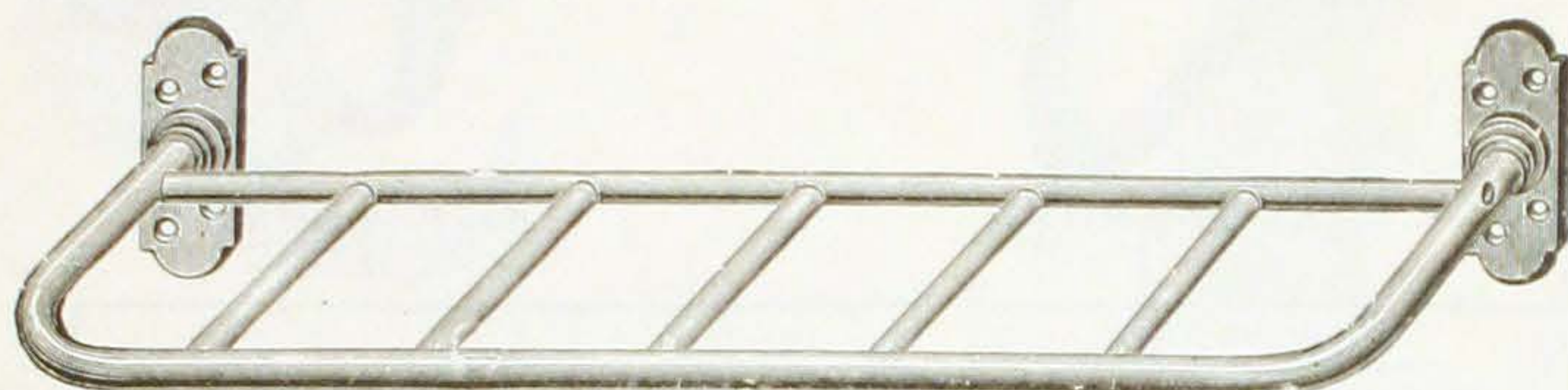


No. PHQ 5935 Umbrella Holder Jointed, Tube Rail, 10½" × ½" diameter.
 Polished Brass ... 6/3 each.
 " Bronze Metal ... 7/6 "
 Bronze Metal Antique ... 8/6 "

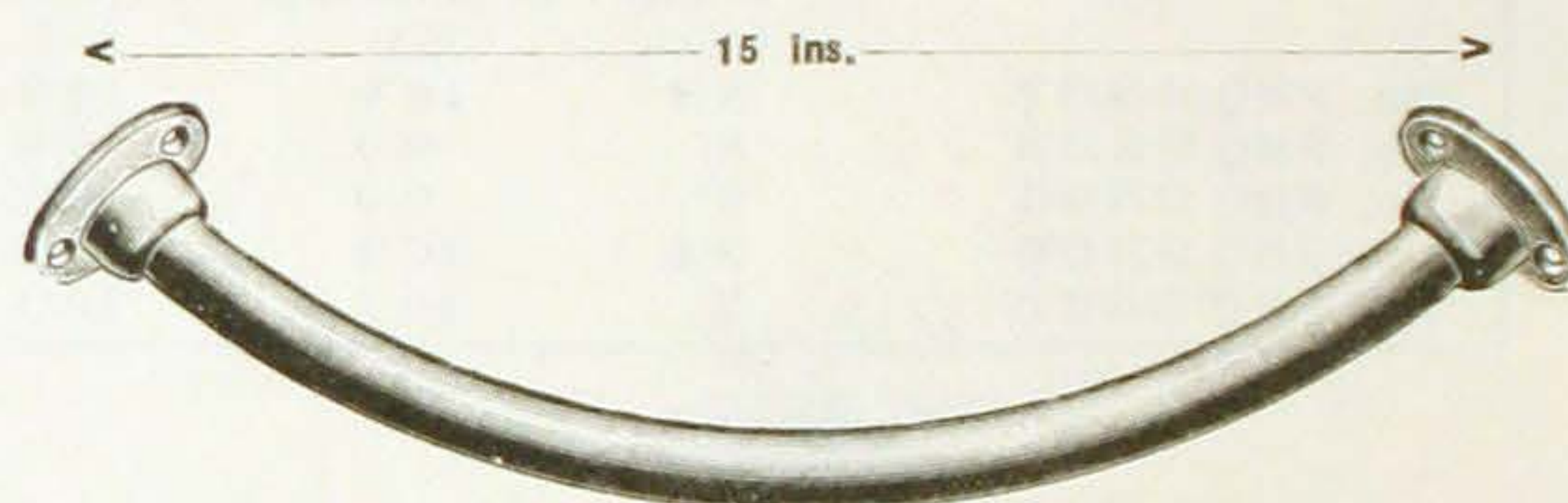


No. PHQ 6006

	8" × 3/8"		10" × 3/8"		12" × 3/8"	
	doz.	each.	doz.	each.	doz.	each.
Polished Brass ...	43/9	3/9	46/6	4/-	49/-	4/2
" Bronze Metal ...	52/6	4/6	56/-	4/9	59/6	5/2
Bronze Metal Antique ...	61/3	5/3	65/8	5/8	70/-	6/-

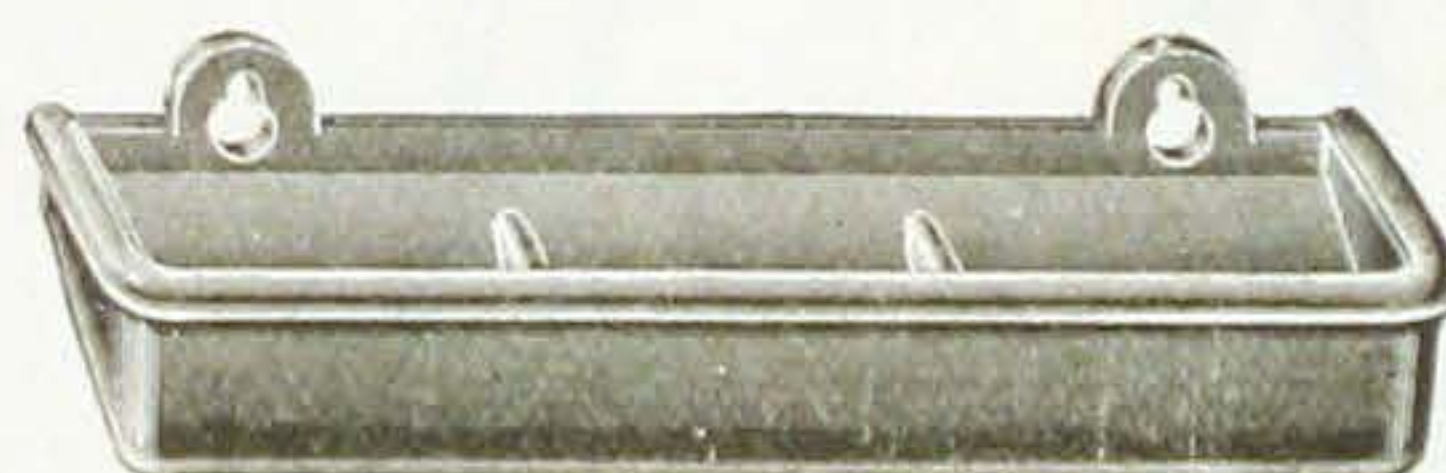
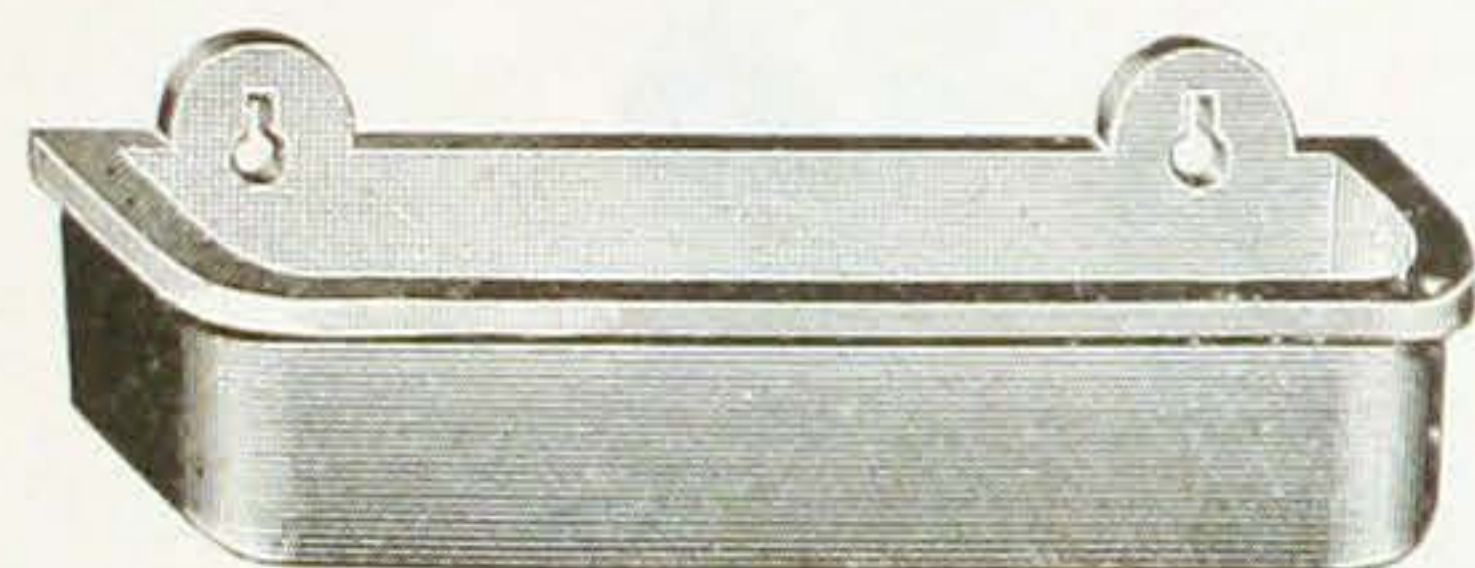


No. PHQ 6017 Umbrella Holder. Size 24" × 4", 5/8" Tube.
 Polished Brass ... 55/3 each.
 C. B. & R. on Brass ... 58/3 "
 Bronze Metal Antique ... 68/9 "
 Oxidized Silver on Brass ... 70/- "



No. PHQ 6018 Holder for Corners.

	5/8" tube.	3/4" tube.
Polished Brass ...	10/6	13/- each.
C. B. and R. on Brass ...	12/3	14/9 "
Bronze Metal Antique ...	13/3	16/3 "
Oxidized Silver on Brass ...	14/3	16/6 "



No. PHQ 6020 Iron.

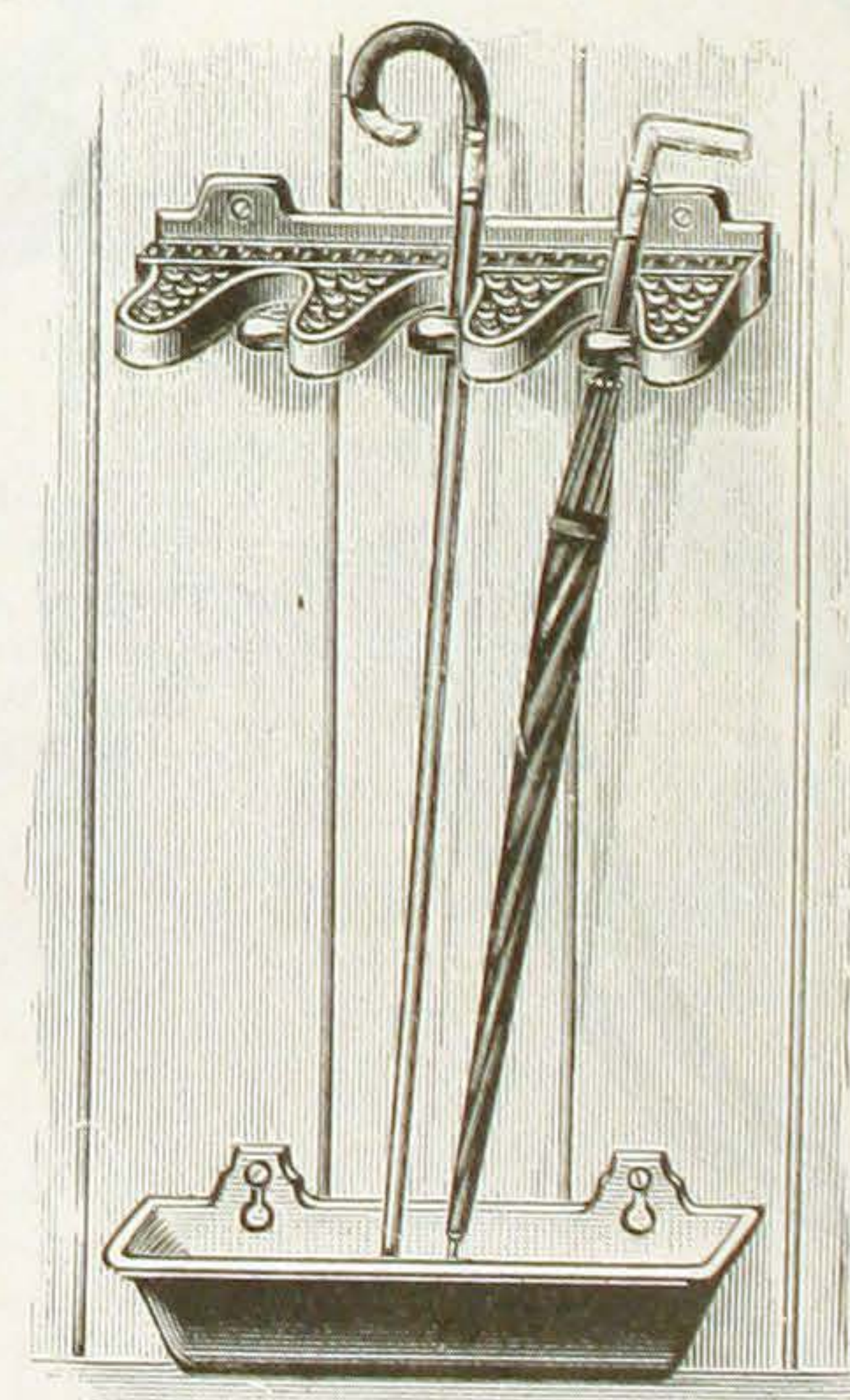
	8"	9"	10"
Extreme length	14/6	17/6	21/- doz.
Japanned Outside	1/3	1/6	1/10 each.
Ditto ...			
Painted White inside, Chocolate outside and Gold edge	15/6	18/6	22/9 doz.
Ditto ditto	1/4	1/7	2/- each.

No. PHQ 6023 Iron.

	8"	9"	10"
Length	15/-	18/6	22/9 doz.
Painted White inside, Japanned or Chocolate outside	1/4	1/7	2/- each.
Ditto ditto			

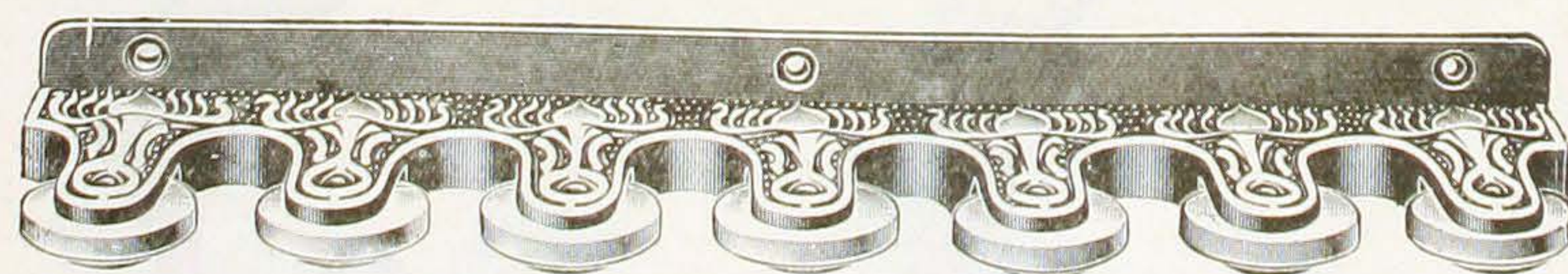


No. PHQ 5936 Umbrella Pan, 7" × 1½" overall.
 Polished Brass ... 4/6 each.
 " Bronze Metal ... 5/3 "
 Bronze Metal Antique ... 6/3 "



No. PHQ 6004

	1		2		3 holes.	
	dozen.	each.	dozen.	each.	dozen.	each.
Gold Bronzed...	36/9	3/2	54/3	4/8	68/3	5/10
Relief Bronzed	47/3	4/2	68/3	5/10	82/3	7/-
Antique Copper	59/6	5/2	80/6	6/10	96/3	8/2
	4		5		6 holes.	
	dozen.	each.	dozen.	each.	dozen.	each.
Gold Bronzed...	78/9	6/8	105/-	9/-	119/-	10/2
Relief Bronzed	98/-	8/4	126/-	10/8	141/9	12/-
Antique Copper	112/-	9/6	143/6	12/2	164/6	14/-



No. PHQ 6005

	1	2	3	4	5	6 holes.
Relief Bronzed	32/6	43/9	56/-	68/3	78/9	105/- dozen.
" " ...	2/9	3/9	4/9	5/9	6/9	9/- each.

The "Forward" Modern Cloakroom Fittings

The cost for the Hook fitted to Rails as shewn:

BOYS' No. PHS 6721 GIRLS' No. PHS 6720

4/-

per scholar.

4/6

per scholar.

The "Forward" Patent Tubular Rail Hat and Coat Hook Fittings are generally admitted to be the finest obtainable for use in Public Buildings, Schools, Theatres, Restaurants, Barracks, etc. With each successive installation their superiority is becoming more and more recognised. From a hygienic point of view they cannot be excelled.

PRINCIPAL POINTS.

1. The Vertical and Horizontal Tubular Rails if painted white or in some cases porcelain enamelled give cleanliness and may be easily wiped down for the clearance of any dust or dirt which may accumulate. The prices quoted are for Best Black Finish.

2. To avoid Scholars swinging on the Horizontal Rails and also as a slight protection against pilfering and contamination, the wire panels may be inserted as illustrated.

3. The Slipper Bunkers, with feet so made as to raise the structure from the floor are sub-divided so that each scholar has his or her own particular receptacle. The floor underneath is easily accessible for cleaning, and there is no risk of shoes becoming dampened when swilling floors.

4. The wood top of the Slipper Bunkers makes a comfortable seat for use when changing Slippers or Shoes. This is particularly useful when Day Schools are used for the purpose of dancing and proves a boon to adults as well as to children.

5. Contamination with other people's clothing so objectionable with the usual type of Hook, has been avoided and plenty of air space is given. Hooks are usually spaced from 12" to 18" centre to centre or as they may be specified.

The width across Horizontal Rail from the near peg to the far peg in the Girls' Hook, is 14½", while the same distance in the Boys' Hook is 13½".

The advantage of the Serrated Edge is that not only can extra Hooks be added but they may be fitted to existing hot-water, steam or any other pipes conveniently situated.

MATERIALS USED IN MANUFACTURE.

The Hooks are of strong Malleable Iron. The Number Plates are of Aluminium Alloy, presenting a bright figure on a dark ground, unmistakable. Coming flush with the surface of the Malleable Iron Frame by which they are enclosed, they give little lodgment for dust or dirt to collect. "Coming Flush" also makes the numbers inaccessible to mischievous scholars bent upon damaging them. The Numbers may not be extracted unless the Hook is unbolted.

SLIPPER BASKETS OR BOOT BUNKERS.

No. PHO 6715

Slipper Baskets or Boot Bunkers as shown, measuring approximately 12" x 10" x 9" built up in blocks of 4, 5 and 6 in length, without legs, lying flat on floor, 3/6 each, receptacle.

The prices of legs or fittings raising structure would depend upon the number required for the particular length requisitioned, but approximately the cost would be 9d. each receptacle extra.

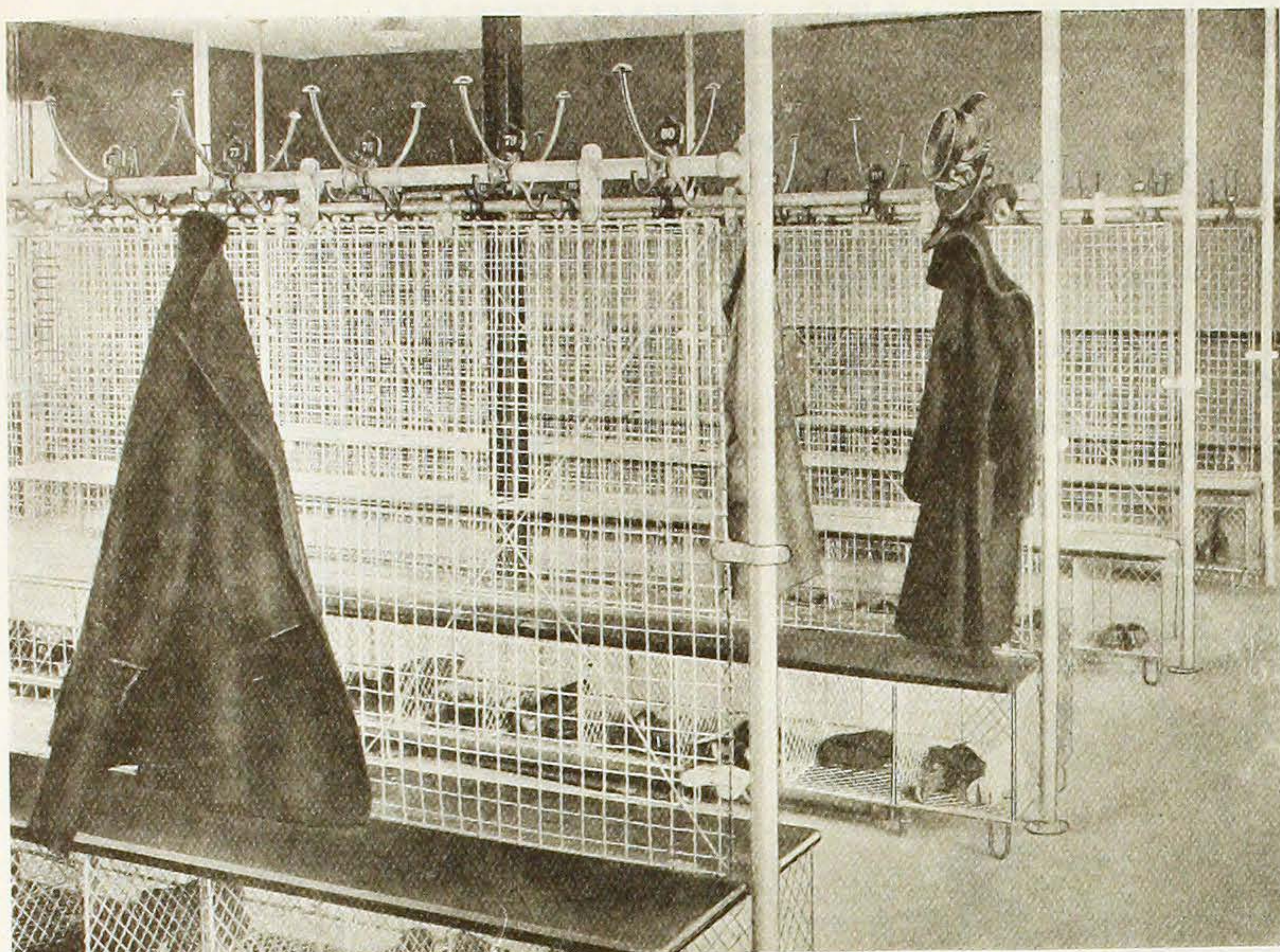
DIAMOND PATTERN WIREWORK.

No. PHO 6716

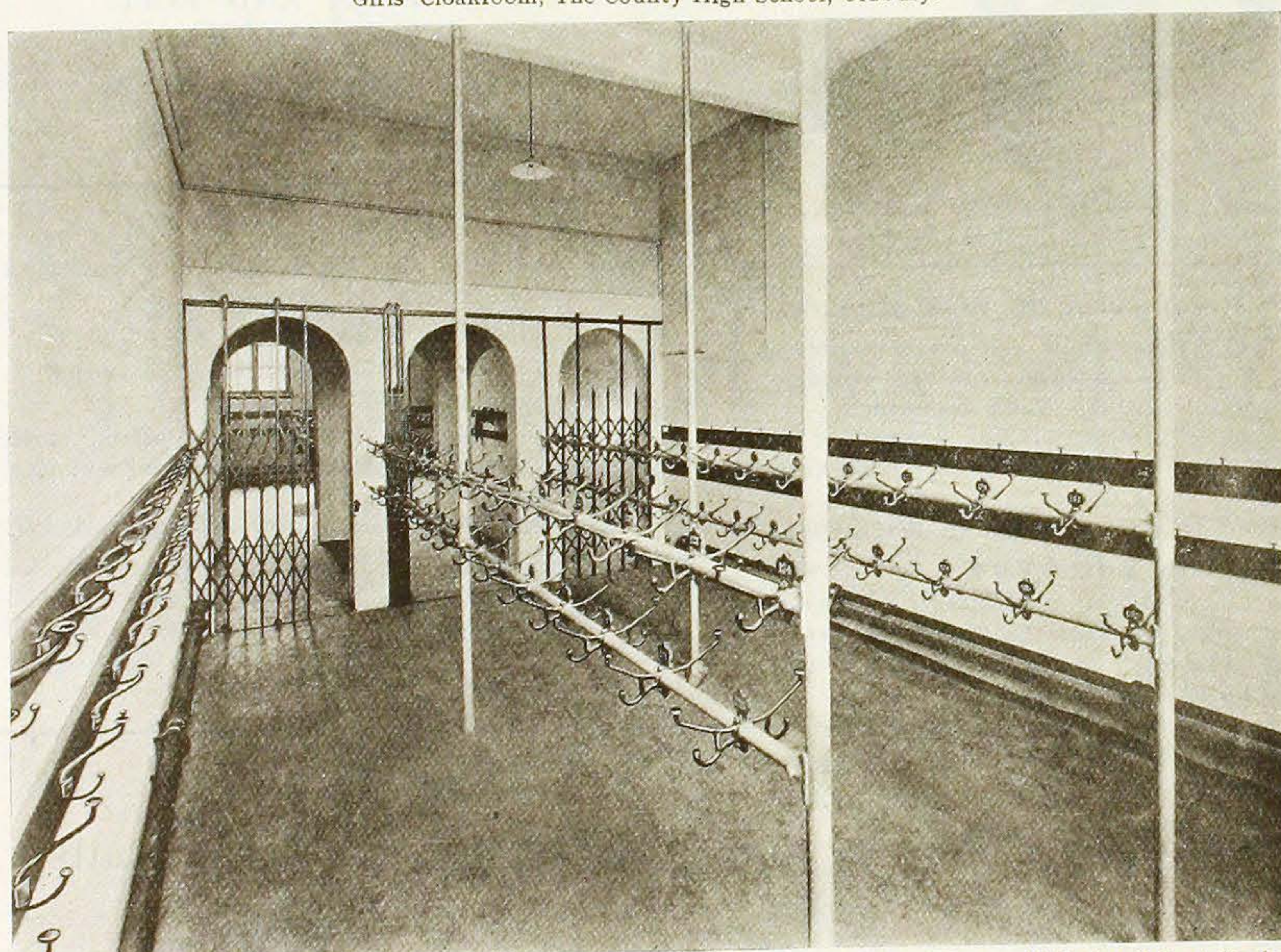
The cost of the Diamond Pattern Wirework as shewn in the illustrations is 1/- per square foot extra to the prices stated above. If with Hanging Sluts, 1/3 per square foot.

See page following for Detailed Photographs and Prices.

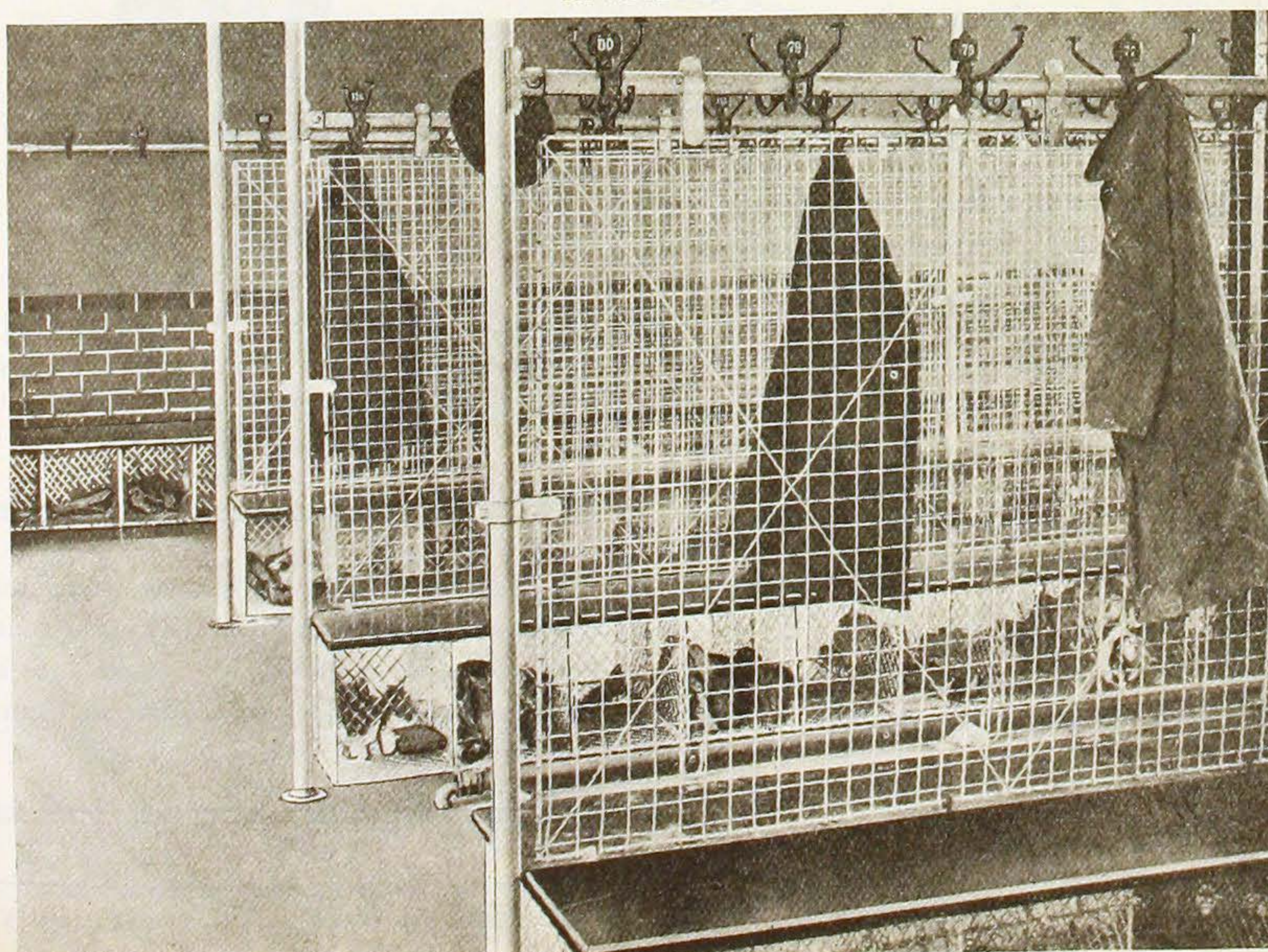
PHS—Stock Lines ; "A" Basis.
PHO—To Order only.



Girls' Cloakroom, The County High School, Oldbury.

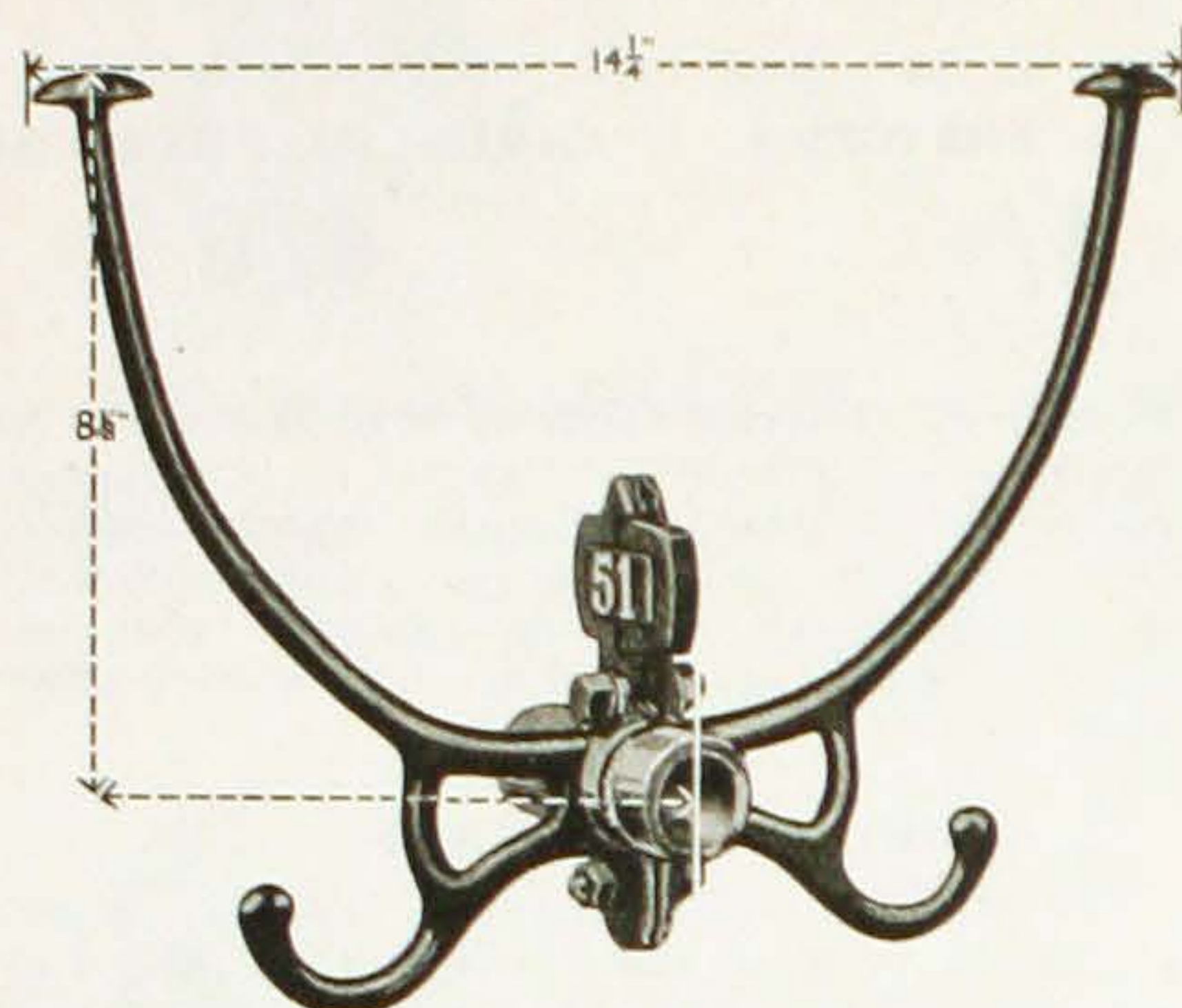


Alston Road Council School, Bordesley Green, Birmingham, shewing use of the "Forward" Hat and Coat Hooks for Wood Rails.



Boys' Cloakroom, The County High School, Oldbury.

The "Forward" Modern Cloakroom Fittings



No. PHS 6720 Girls' Double Hook.
Note that the Pegs are a generous width apart, whilst the height of $8\frac{1}{2}$ " allows even the largest of girls' hats to be hung in a natural position, obviating the risk of damage likely to occur in crowded cloakrooms where the usual type of hook forces the hat to project beyond the limits of the hooks themselves.

GIRLS' HOOK.

The cost for the Hook fitted to Rails as shewn on preceding page.

Girls' Extra Large. No. PHS 6720
4/6 per scholar.
(i.e., per Single Hook.)

If Girls' Single Hooks are required with **Back Plates** (to be clamped on to existing tubular piping).

No. PHS 6723 Hook only, 3/- each scholar.
In connection with the above see Special Pipe Bracket **No. PHS 9419** on page 155. The Hooks can be supplied in Brass or Bronze Metal if desired. Prices quoted upon application.

The Serrated Interior makes the Hooks when fixed quite immovable, and impossible of slipping round.

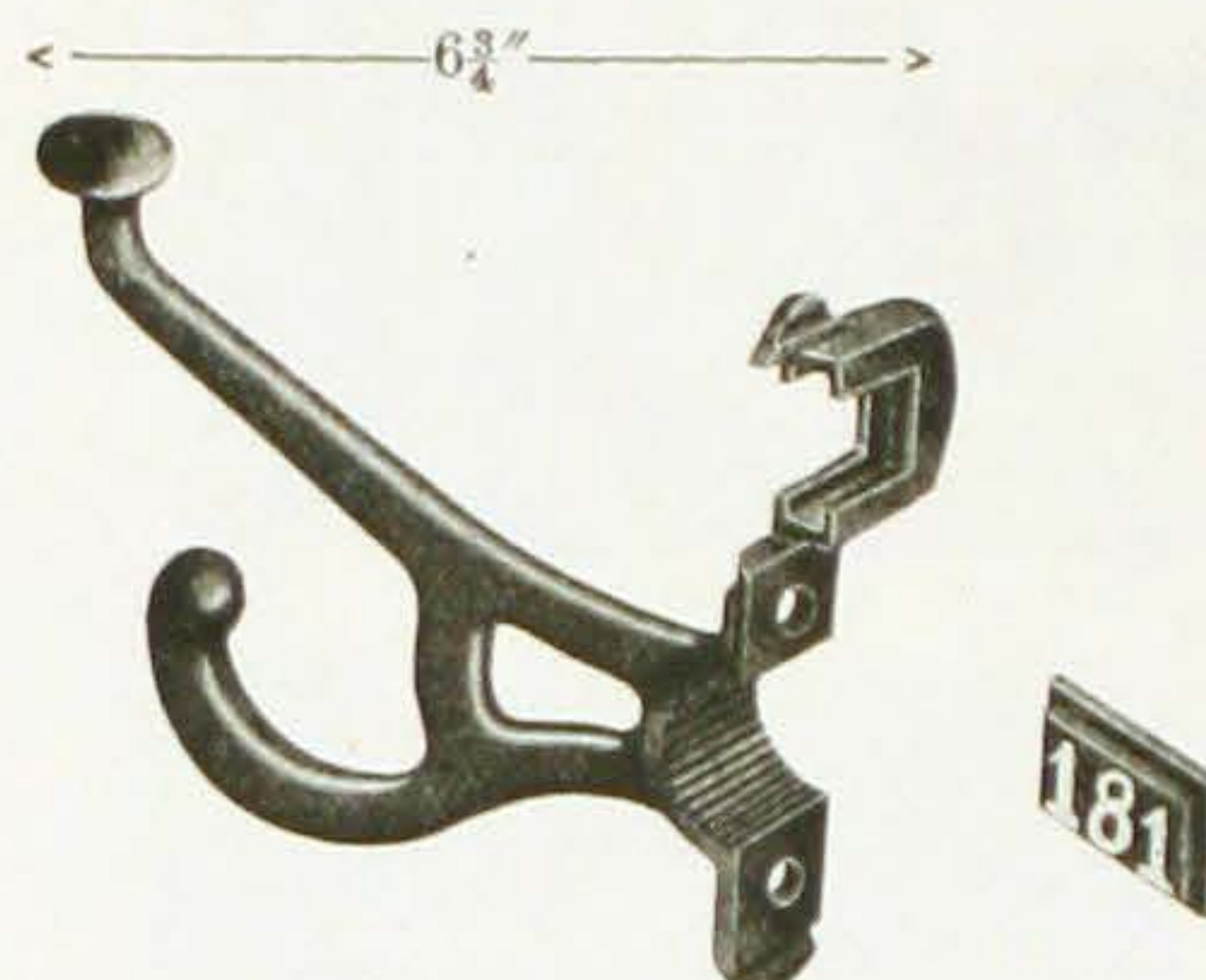
All the Hooks are regularly in line.

The Hooks being well apart from each other, allow air space between garments, and thus prevent contagion.

The flat tops of the Hooks prevent damage to Hats.

The figures cannot be defaced, and are bright and easily discernable.

The Number Plates are fixed flush in the frame, thus there is no place for dust.



Shewing Boys' Single Hook dissected.

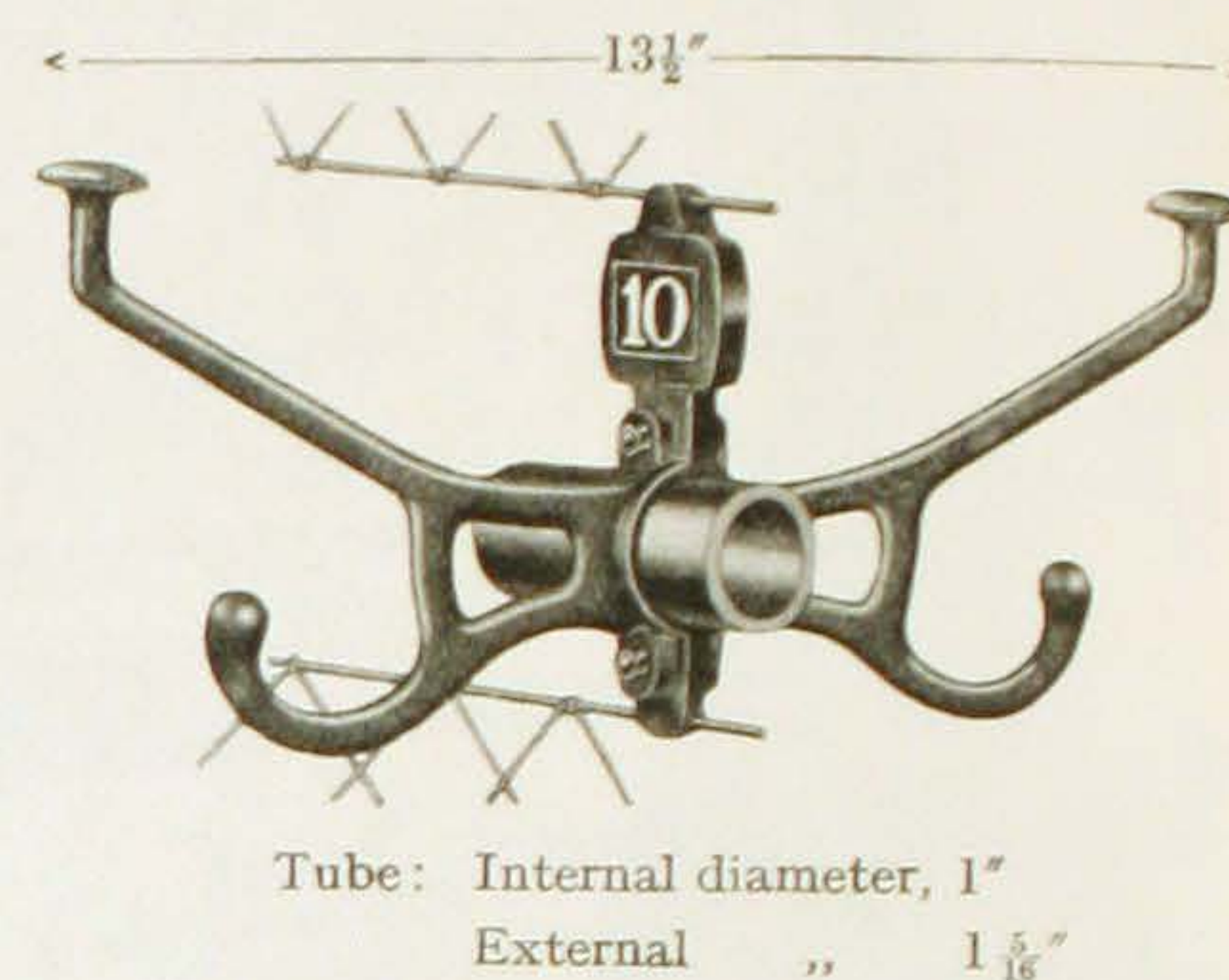
Slipper Receptacles or Boot Bunkers.

No. PHO 6715 Each receptacle approx. $12" \times 10" \times 9"$ in blocks of 4, 5 and 6. Approx. price without legs, 3/- each receptacle. If with Legs (number of legs depending on size), approx. price 9d. each receptacle extra.

Galvanized Diamond Pattern Wirework.

No. PHO 6716

Cost Galvanized Diamond Pattern Wirework is 1/- per square foot extra to above prices for Single Hooks. If with Hanging Sluts, $\frac{1}{3}$ square foot extra.



No. PHS 6721 Boys' Double Hook.
Here again the generous ventilating space of $13\frac{1}{2}$ " has been allowed.

SEND PLAN AND FULL SPECIFICATION.

FIXED PRICES SENT PER RETURN.

BOYS' HOOK.

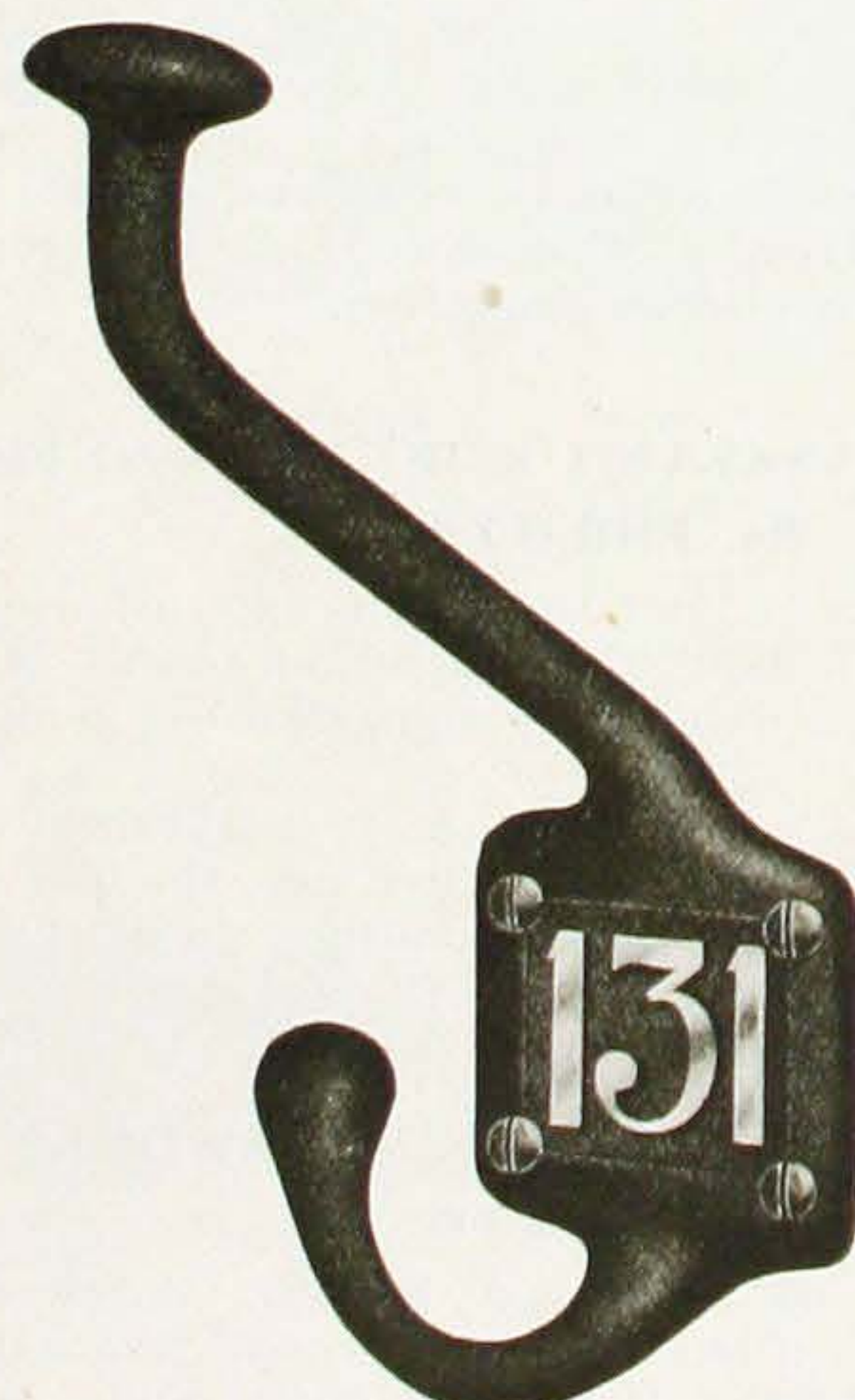
The cost for the Hook fitted to Rails as shewn on preceding page.

Boys' No. PHS 6721
4/- per scholar.
(i.e., per Single Hook.)

If Boys' Single Hooks are required with **back plates** (to be clamped on to existing tubular piping).

No. PHS 6722 Hook only, 2/9 each scholar.
In connection with the above see Special Pipe Bracket, **No. PHS 9419** on page 155. The Hooks can be supplied in Brass or Bronze Metal if desired. Prices quoted upon application.

"FORWARD" pattern numbered Hat and Coat Hooks to match above, but for Wood Rails.



No. PHS 6255

The "FORWARD" Numbered Hat and Coat Hooks, for Wood Rails. Complete with Number Plates and Screws shewn, 16/- dozen, $\frac{1}{6}$ each.

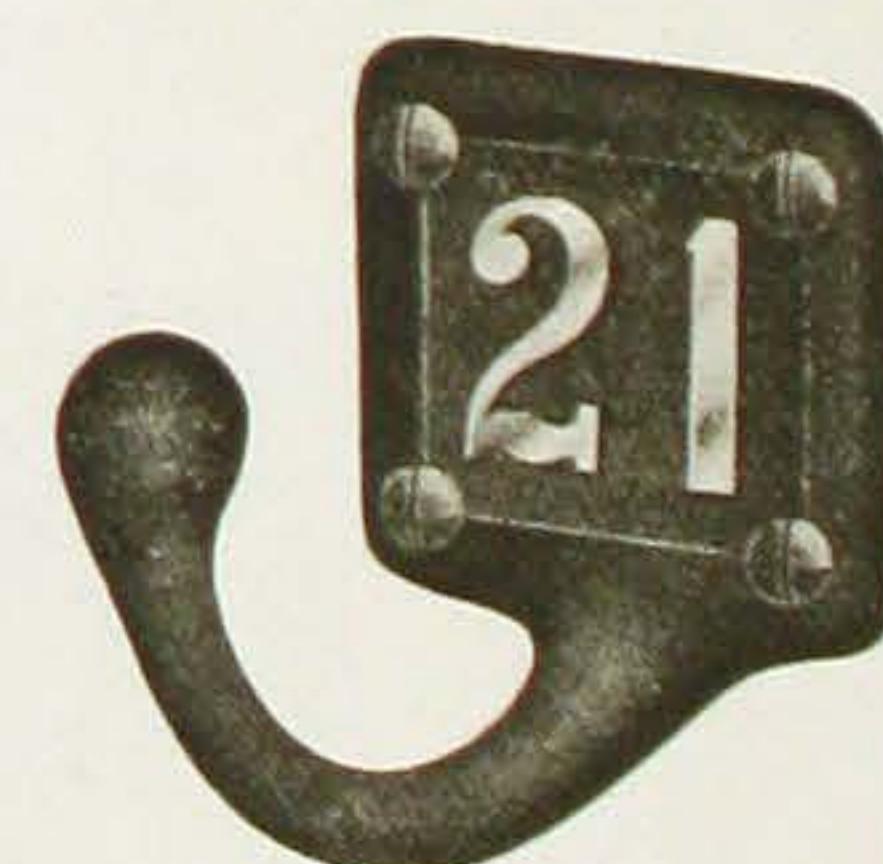
The "FORWARD" Wood Rail Hooks are made of best Malleable Iron supplied with Aluminium Number Plates, which when fixed in position, present a smooth sanitary surface on which dust and dirt cannot easily lodge.

These Hooks matching in design the "FORWARD" Tubular Hat and Coat Hooks, can therefore be used in the same rooms.

Extract from Report of Architect to . . . County Council :

"I desire to draw attention to the manner in which this contract has been carried out. For excellence of materials and care exercised by the Contractor in all workmanship and details of the Contract, this School excels any other erected in this county during my appointment."

The "FORWARD" Patent Hat and Coat Rails, and our Door and Window Fittings, were used throughout this School.



No. PHS 6255A

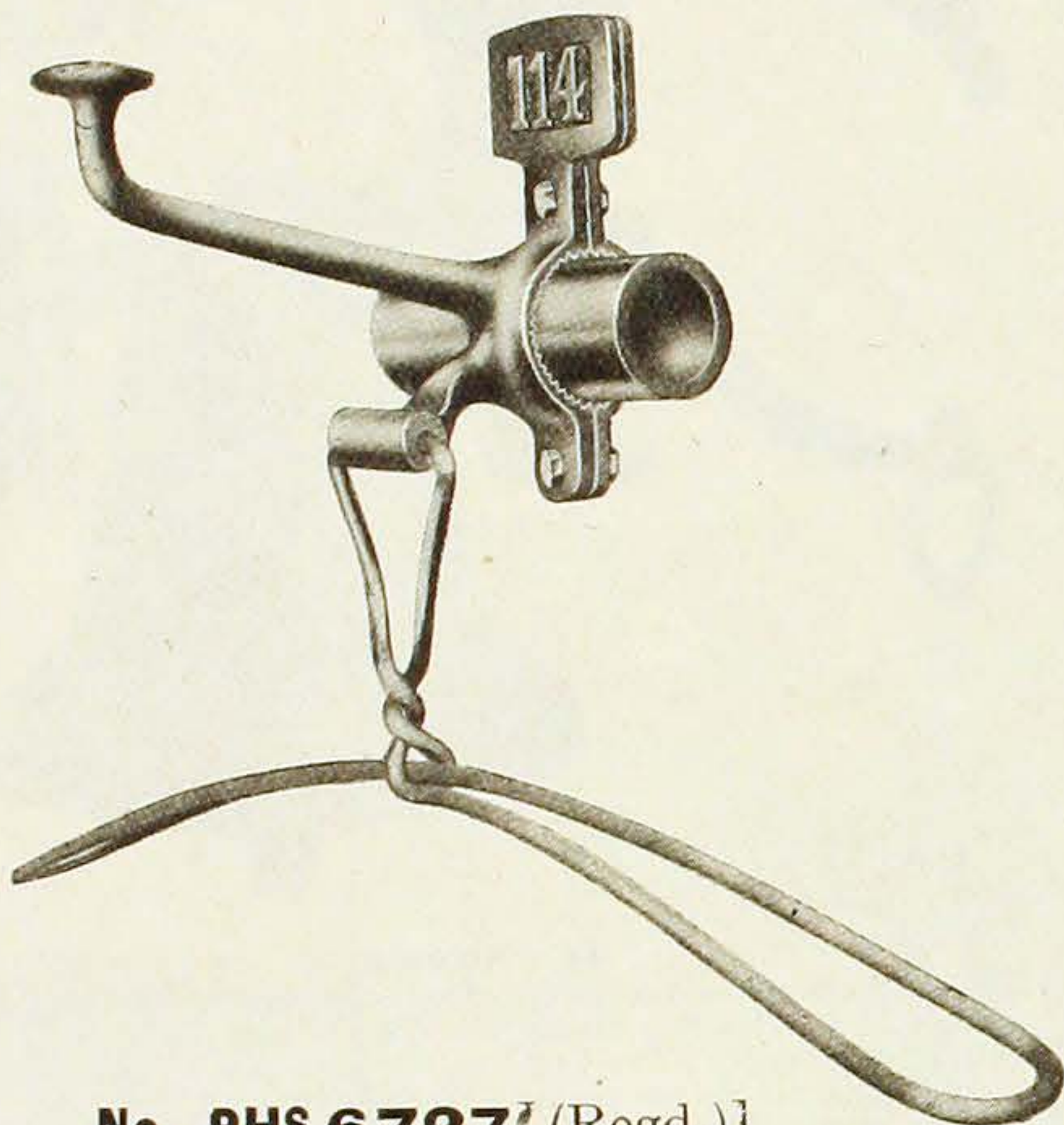
"FORWARD" Numbered Coat Hooks. Complete with Number Plates and Screws, shewn, 12/- per dozen, $\frac{1}{3}$ each.

We shall be pleased to submit plans and specifications upon receipt of details of space available, and number of persons to be accommodated. We also undertake fixing when desired.

Cycle Holder, Slipper Basket, etc.

The "Forward" Hat and Coat Hanger

(Regd. No. 733,761).



No. PHS 6727 (Regd.)

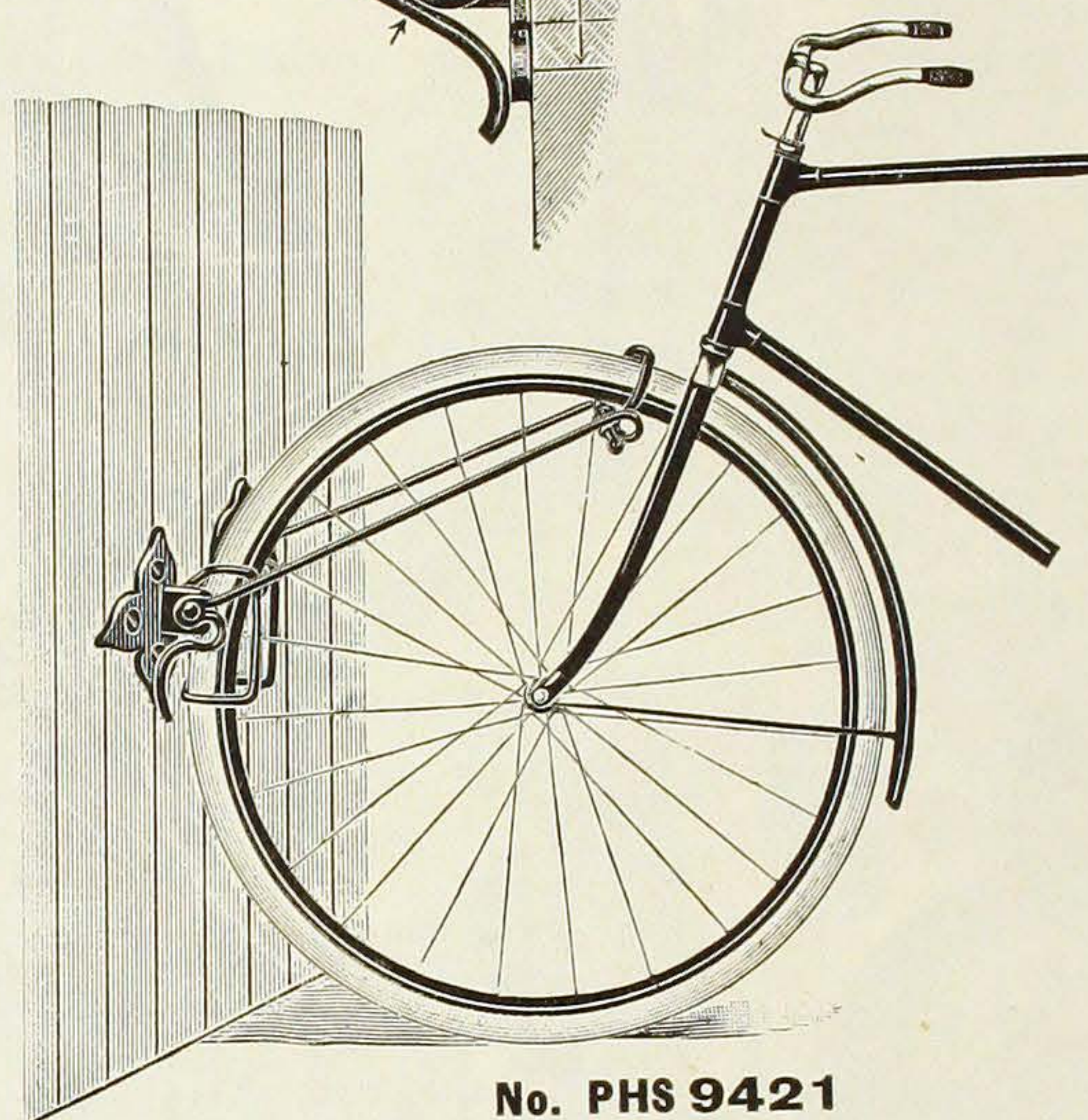
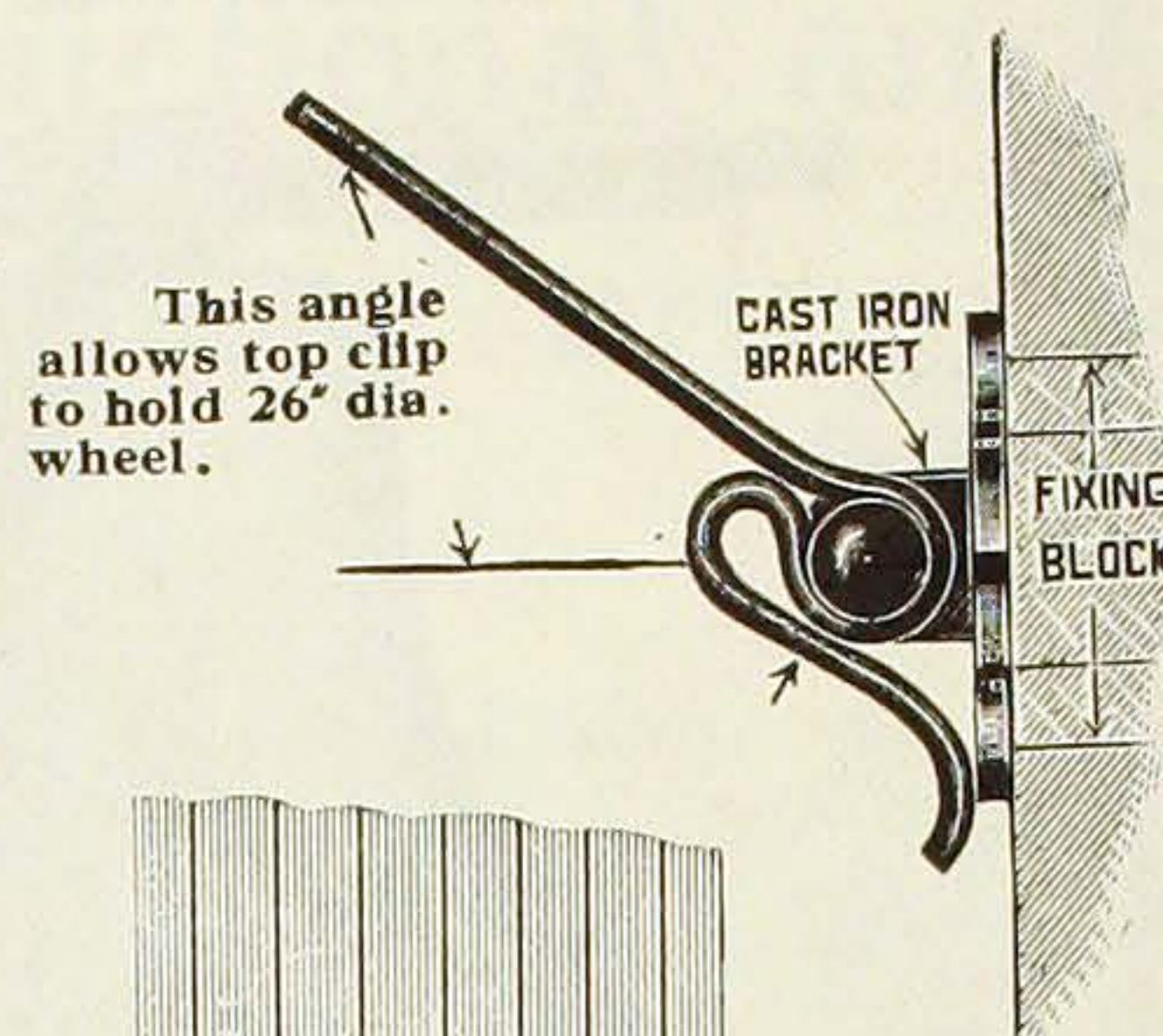
"Forward" Hat and Coat Hanger as shewn, projection at top $5\frac{1}{2}$ " ; lower projection $2\frac{1}{4}$ " ; width of Coat Hanger 14".

Complete with Tubular Rails 1" internal diameter (outside diameter $1\frac{5}{16}$ ").

("A" Basis) 5/6 per Single Hook
(As illustrated.)

If supplied with Tubular Rail, complete with Wall Brackets, for fixing to Wall.

("A" Basis) 6/6 per Single Hook.



No. PHS 9421

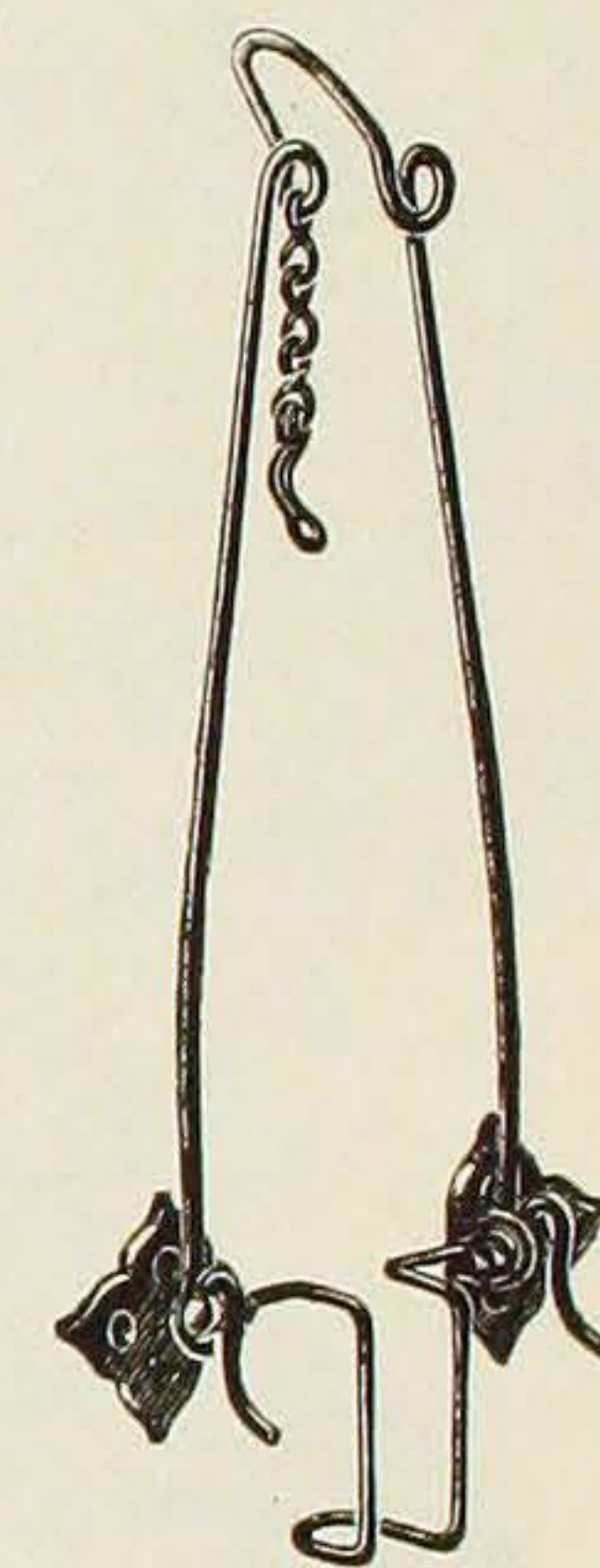
THE "FORWARD" CYCLE HOLDER. (Regd. No. 696,362).

This Holder holds machine rigid and upright, can be fixed easily and cannot get out of order. With one of these and a padlock the safety of a Bicycle is assured. Invaluable for Hotels, Works, Sports Clubs, etc.

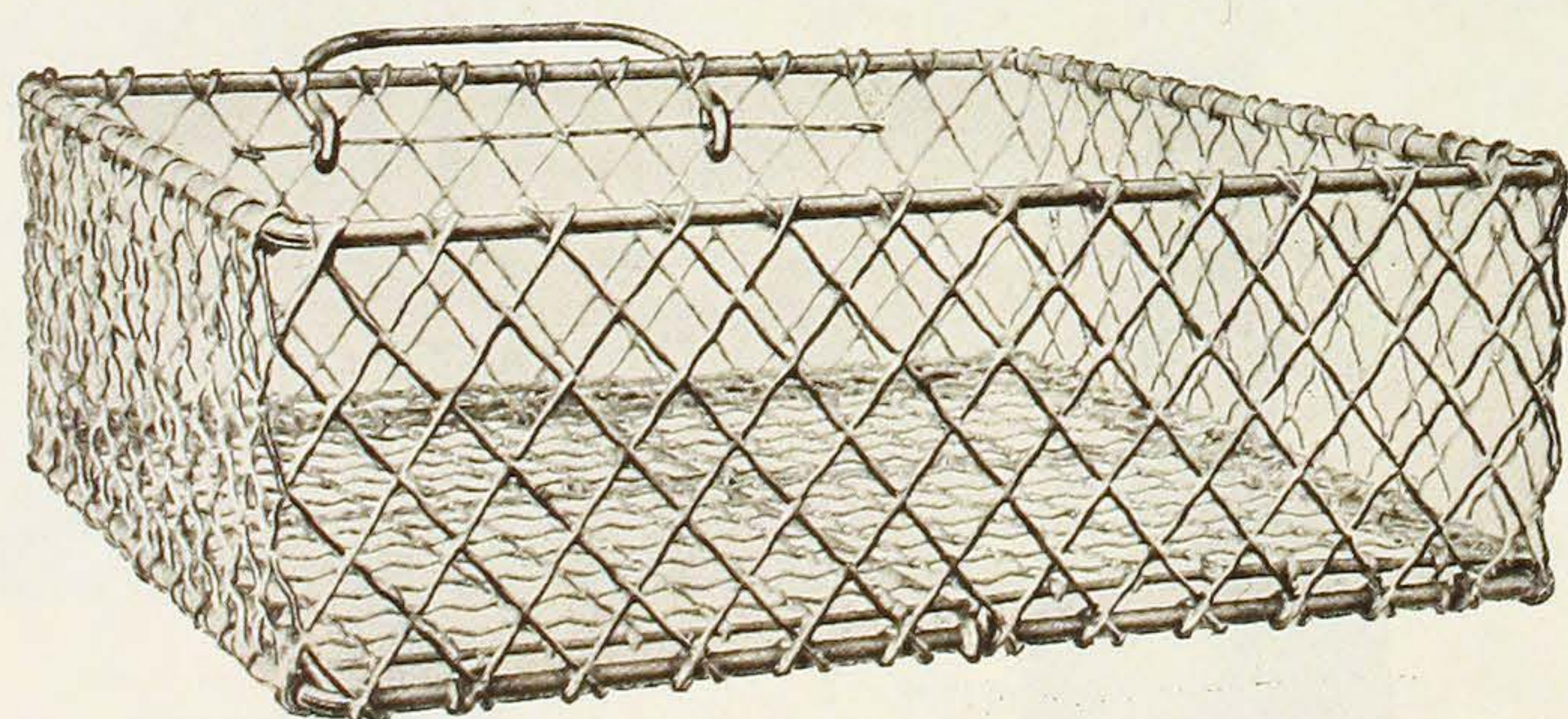
Construction.—The holder is made of a strong hard steel japanned wire and is perfectly rigid when fixed to a wall or partition by means of the two strong iron brackets.

The wire extension near the bracket allows the arm to fall at the correct angle for holding the cycle securely.

Price, 4/6 each.



Lies flat against wall when not in use.



No. PHS 9422

SLIPPER OR BOOT BASKET.

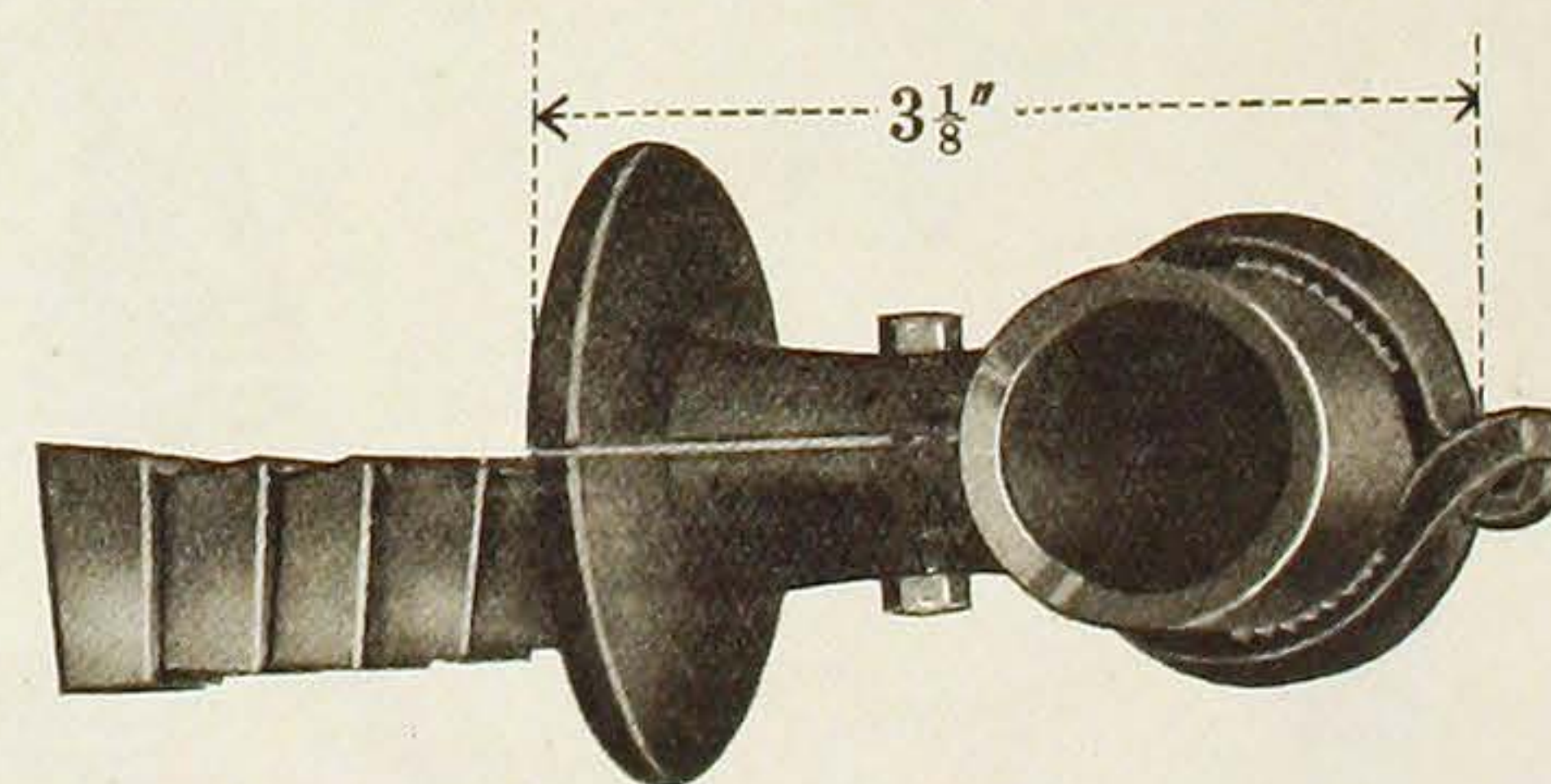
Suitable for Cloak-rooms, etc.

Size 12" x 12" x 4" deep ... 5/- each.

„ 11" x 10" x 4" „ ... 4/- „

Receptacles in blocks with three or four compartments.

Price 3/3 per compartment.



No. PHS 9419

HANDRAIL BRACKET.

To build in.

Suitable for holding Hat and Coat Hook Rail, etc.

For 1" internal diameter (external diameter $1\frac{5}{16}$ ")
Wrought Iron Tube.

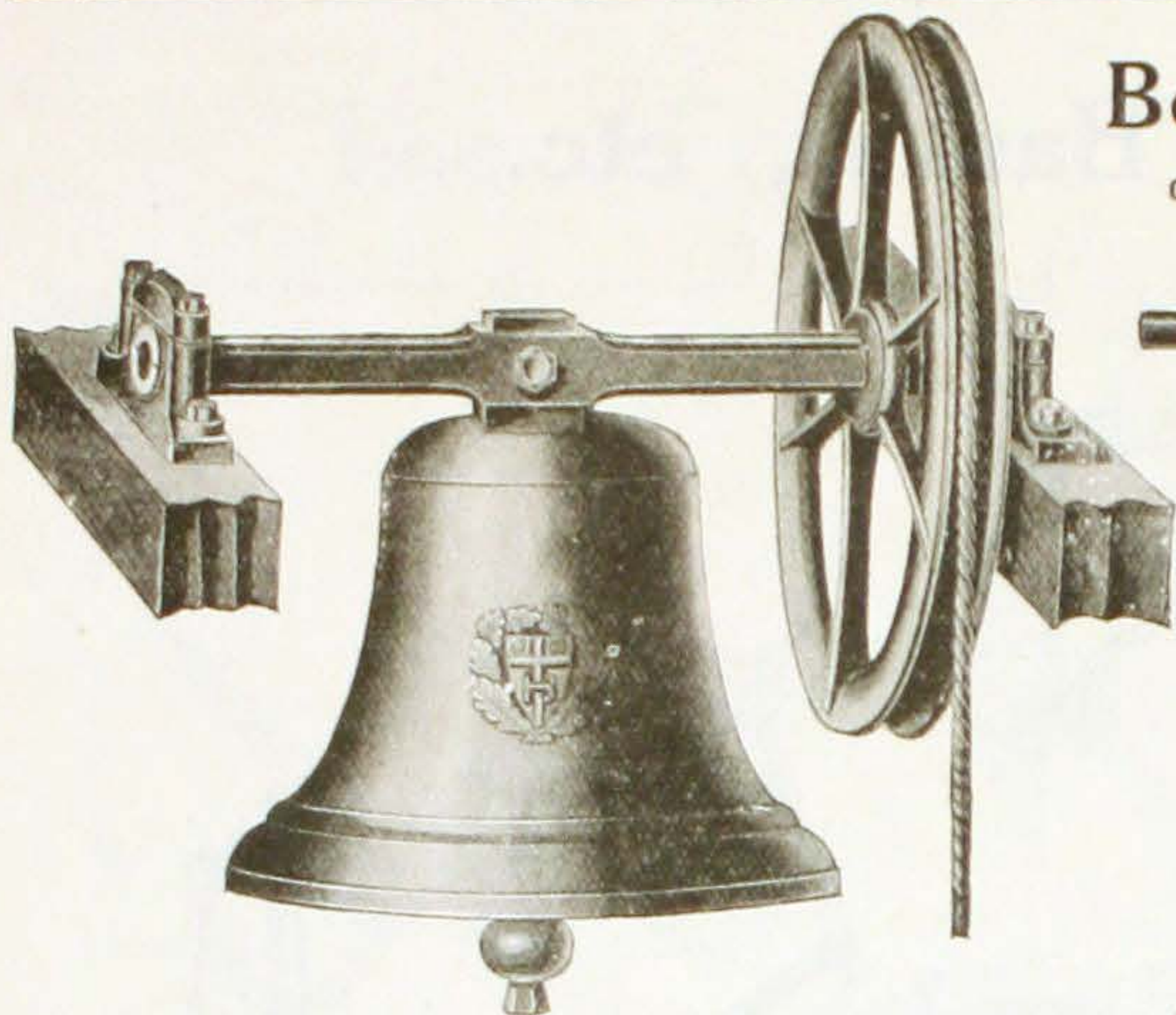
Size of Bracket 6" x $2\frac{1}{2}$ "

Berlin Black ...	26/3 dozen, 2/3 each.
Sheradized B.B. ...	31/6 „ 2/9 „
Parwinac Rust Resisting Finish ...	33/3 „ 3/- „

Bells and Bell Fittings

CHURCH, SCHOOL OR FACTORY
BELLS AND FITTINGS.

*Prices subject to
market
fluctuations.



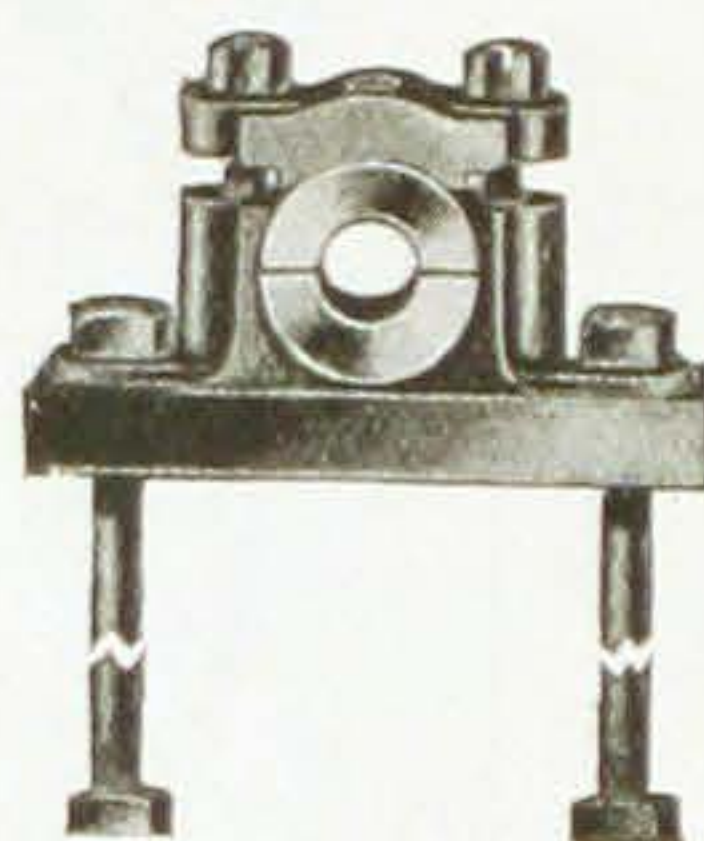
No. PHO 9341 FITTINGS ONLY.

With Cast Steel Wheel and Wrought Iron Stock. Gun-metal lined cast iron bearings with long pins and nuts for fixing.
For .. 12" 12½" 13" 13½" 14" Bells.
Price .. 52/- 56/2 60/3 62/- 65/3 set, fittings only.
For .. 15" 16" 17" 18" 19" 20" Bells
Price .. 71/2 78/8 90/6 96/3 100/6 103/9 set.
Bells extra.



No. PHO 9340

Best quality Bell Metal, rough .. 3/- lb.
Cheaper quality " " .. 2/5 lb.



No. PHO 9342 BELL FITTINGS ONLY.

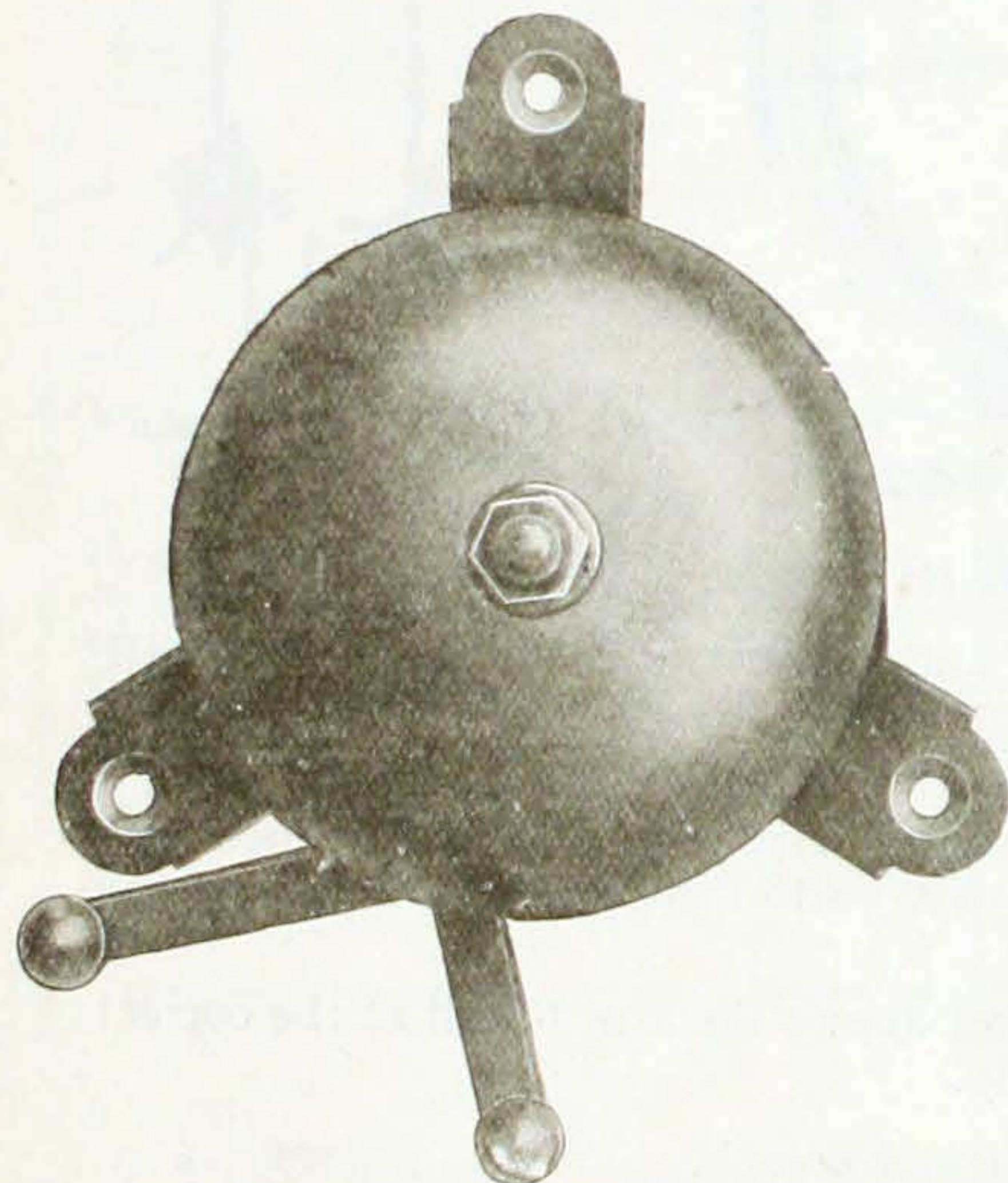
Comprises Wrought Iron Stock, Cranked Lever with Gun Metal lined Cast Iron Bearings, long pins and nuts for fixing.
For .. 8" 8½" 9" 9½" 10" Bells.
Price 34/6 37/- 38/6 40/3 42/- set.
For .. 10½" 11" 11½" 12" 12½" Bells.
Price 44/- 46/- 47/9 52/- 56/3 set.
For .. 13" 13½" 14" 15" 16" Bells.
Price 60/3 62/- 65/3 71/2 78/8 set.
For .. 17" 18" 19" 20" Bells.
Price 90/6 96/3 100/6 103/9 set.



No. PHO 9343

The illustration shows a School, Factory or Alarm Bell mounted in a cast malleable iron frame, for fixing against a building and rung from outside. The axle can be arranged for the Bell to be rung from inside the building, if desired.

Fittings only. To ring outside of wall.
For .. 7" 7½" 8" 8½" 9" 9½" Bells.
Price 78/2 78/2 78/2 83/9 83/9 111/8 per set.
For .. 10" 10½" 11" 11½" 12" 12½" Bells.
Price 111/8 122/8 122/8 145/- 145/- 156/2 per set.
For .. 13" 13½" 14" 15" 16" Bells.
Price 156/2 206/6 212/- 217/6 223/3 per set.
Bells extra.



No. PHO 9346

MARINE OR RAIL-ROAD GONG.

Levers will pull up and down or right and left.
Size .. 4" 4½" 5" 5½" 6"
Price 14/- 16/6 18/9 21/- 24/6 each.
Size .. 7" 8" 9" 10" 11"
Price 36/3 51/6 74/9 each.



No. PHO 9344

GONG FOR CLOCKS, COLLIERIES, ETC.

From 2" to 18" diameter.

Best quality Bell Metal, rough .. 3/1 lb.
Cheaper " " " " .. 2/6 lb.

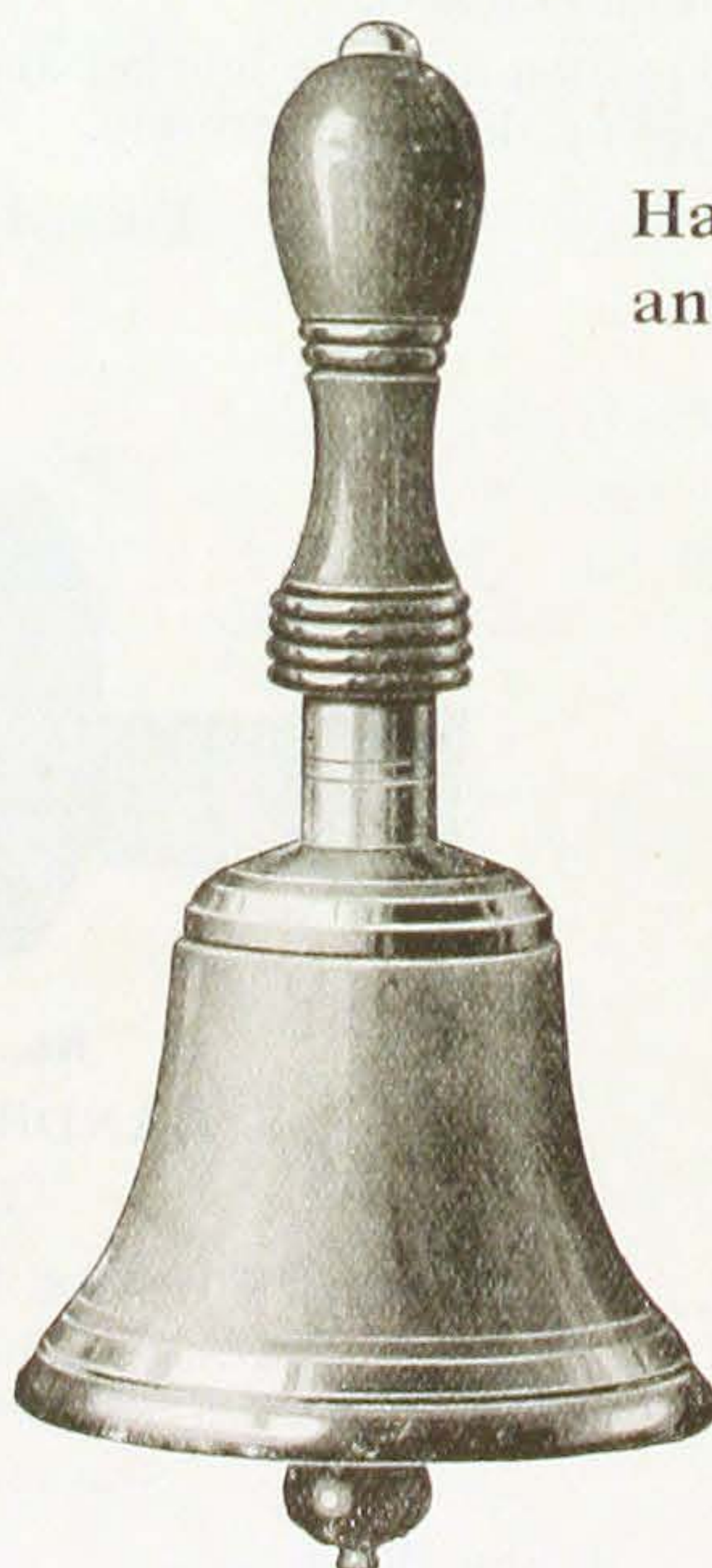
Polished and N.P. extra.

Hand, Tea and Table Bells



No. PHS 9347

Lacquered or Nickel-Plated with Ebonized Handles.
Size .. 3" 3½" 4" 4½" 5" diam.
Price 39/9 49/- dozen.
3/6 4/3 each.



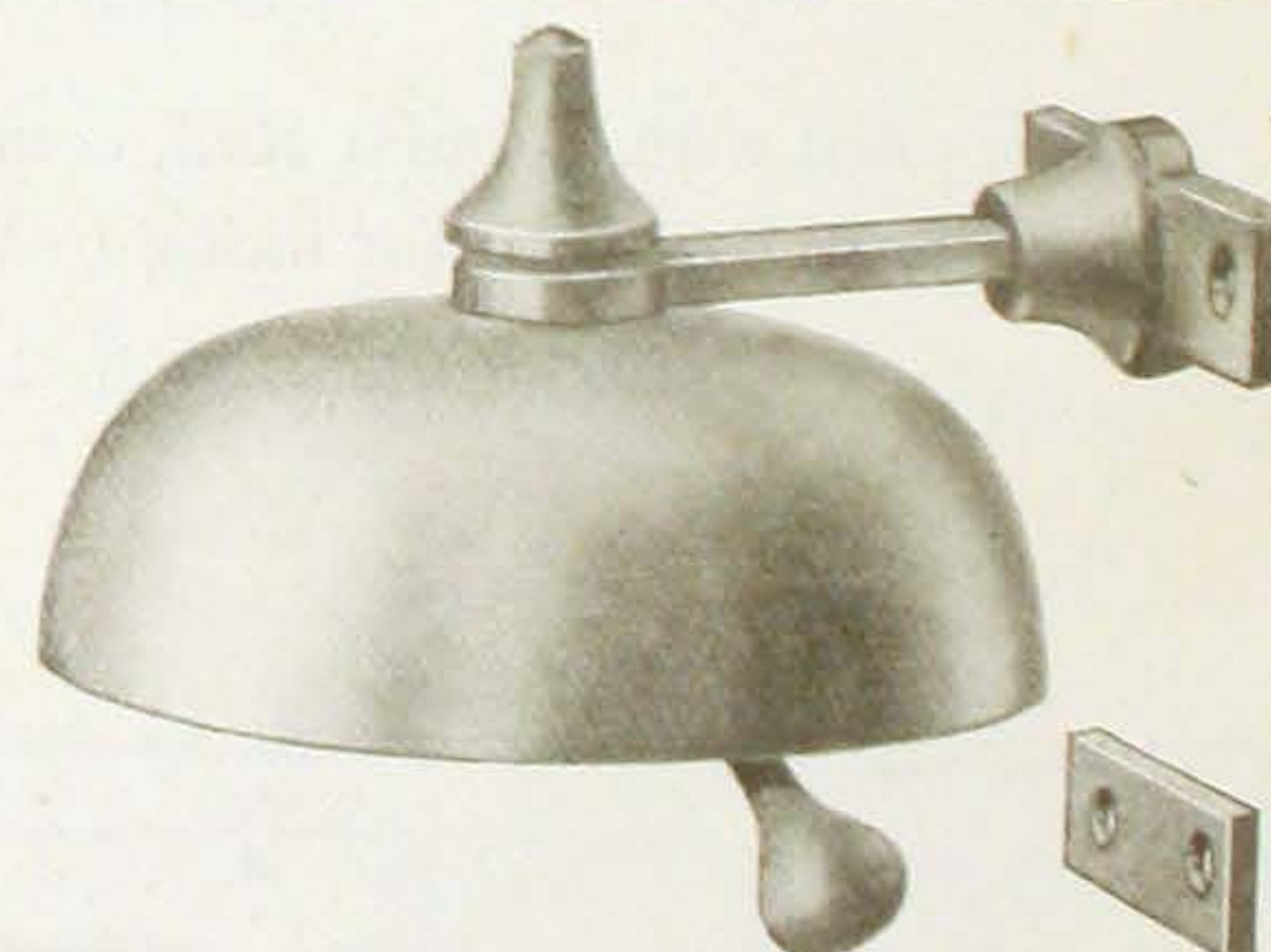
No. PHS 9348

Table Bell, Turned Edge and Crown, With Hardwood Handle, wired through.
Size .. 3" 3½" 4" 4½" 5" diam.
Price 4/2 4/8 5/8 6/9 9/2 each.
Size .. 5½" 6" 6½" 7" 7½" 8"
Price 10/6 11/9 16/4 21/8 28/- 31/- each.



No. PHS 9349

Table Bell, Turned Edge and Crown, with Hardwood Handle, wired through.
Size .. 3" 3½" 4" 4½" 5" 5½" diam.
Price 4/2 4/8 5/8 6/9 9/2 10/6 each.
Size .. 6" 6½" 7" 7½" 8" 8½"
Price 11/8 16/4 21/8 28/- 31/- each.



SHOP DOOR BELL. No. PHS 9351

All Cast Brass.
Size .. 3" 3½" 4"
Price 3/6 4/- 6/3 each.



No. PHS 9350

All Lacquered or all Nickel Plated.
Size .. 2½" 3" 3½" 4" diam.
Dozen 56/- 77/- 98/- 112/-
Each 4/10 6/7 8/4 9/6

Architectural, Constructional and Ecclesiastical Metal Work



Entrance to War Memorial, Ashford, Kent.

Architects : Messrs. Lacey & Jackson.

These Entrance Gates were supplied and erected by us.
We are prepared to quote for supplying and fixing similar work in any part of the country.

Wrought Iron Entrance Gates and Canopy

SCALE— $\frac{1}{4}$ " TO 1'

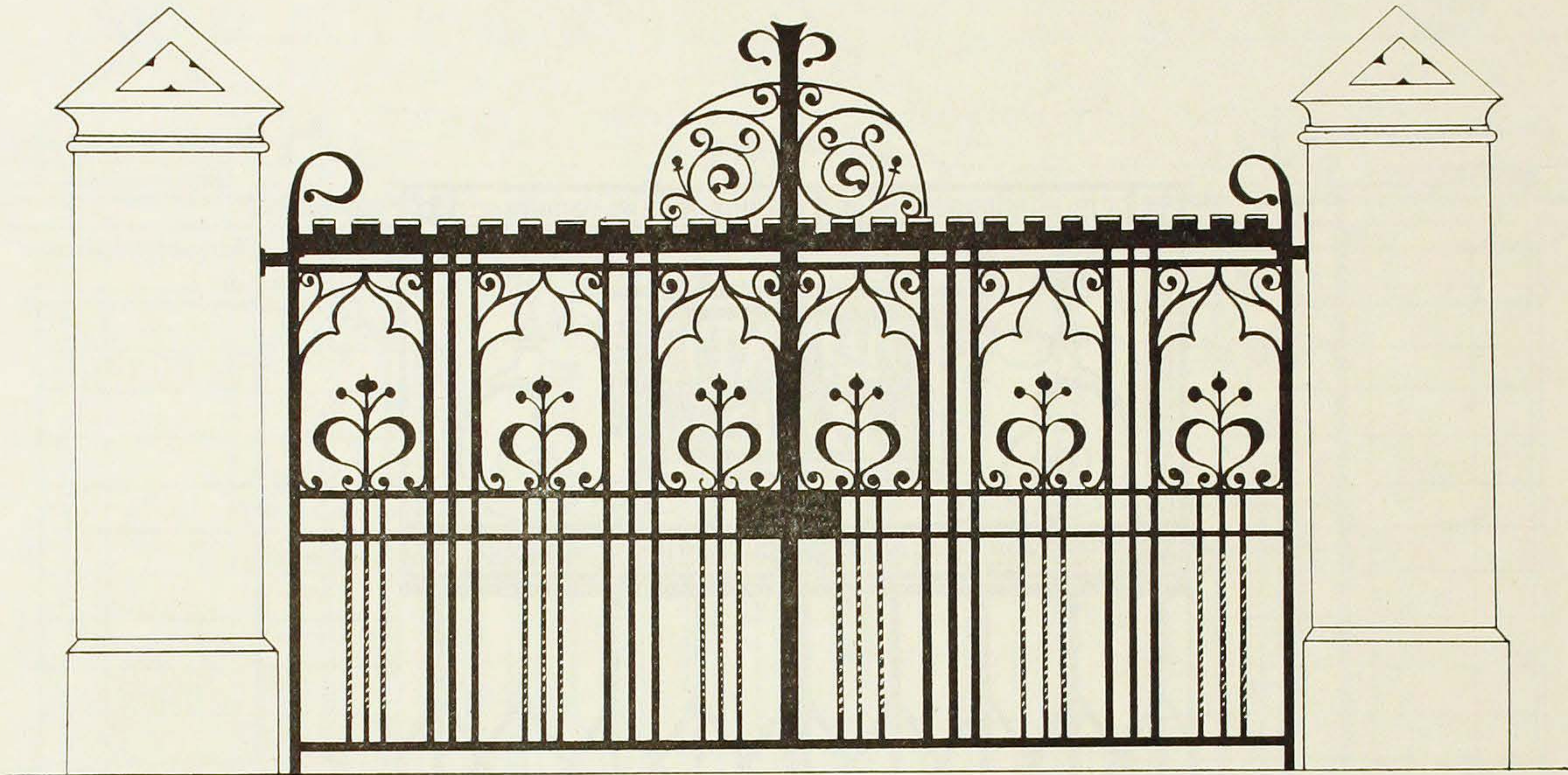
Canopy No. PHO 8010

Gates No. PHO 8011

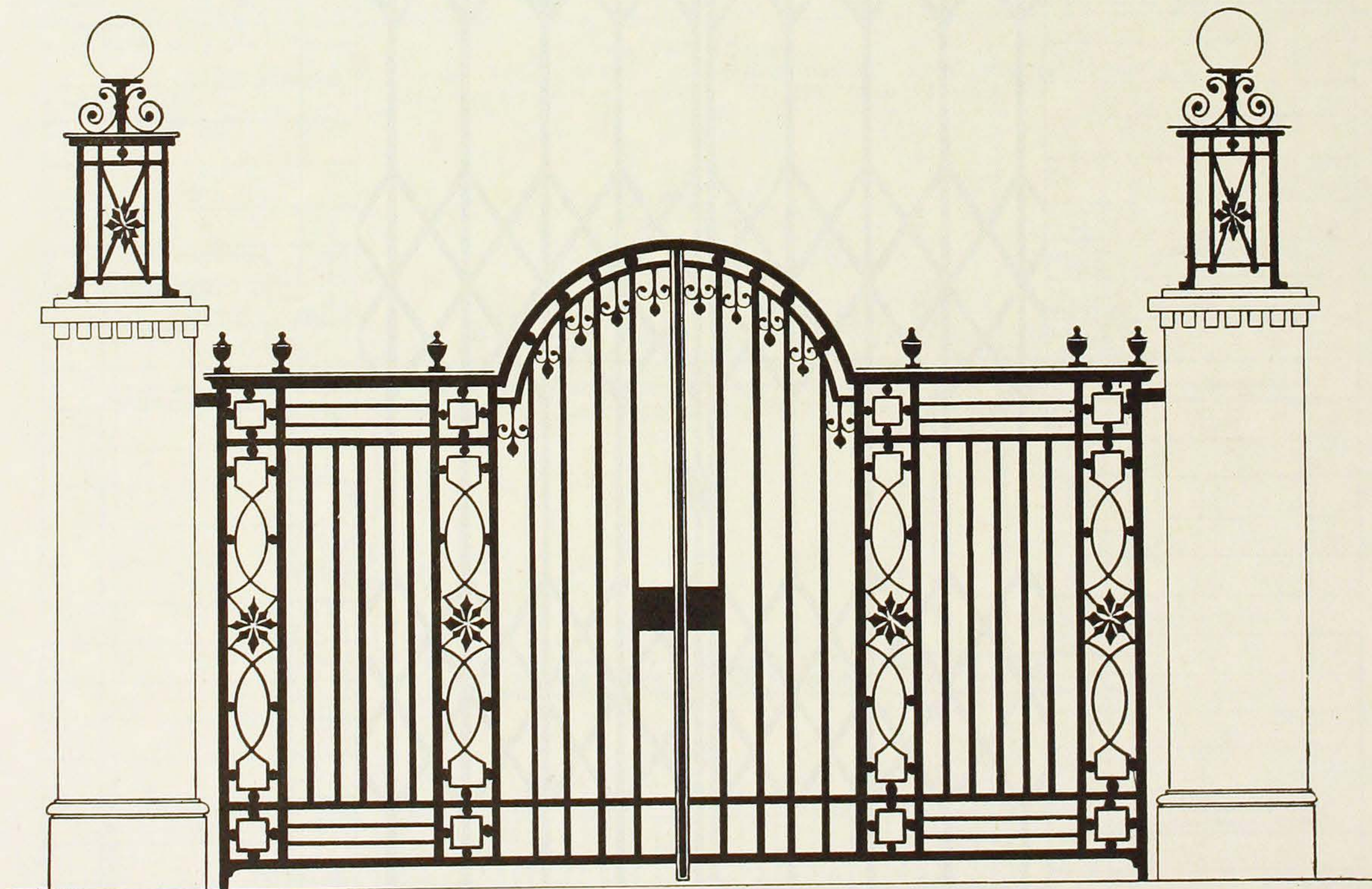
Canopy with Semi-Head and Pierced Letters with White Opal Background and Flares. Complete ready for fixing.
 £142 10 0 each.

Gates 7' 6" wide and 7' 0" high. Complete with Socket, etc., £37 10 0 per pair.

Wrought Iron Entrance Gates

SCALE— $\frac{1}{2}$ " TO 1'**No. PHO 5086**

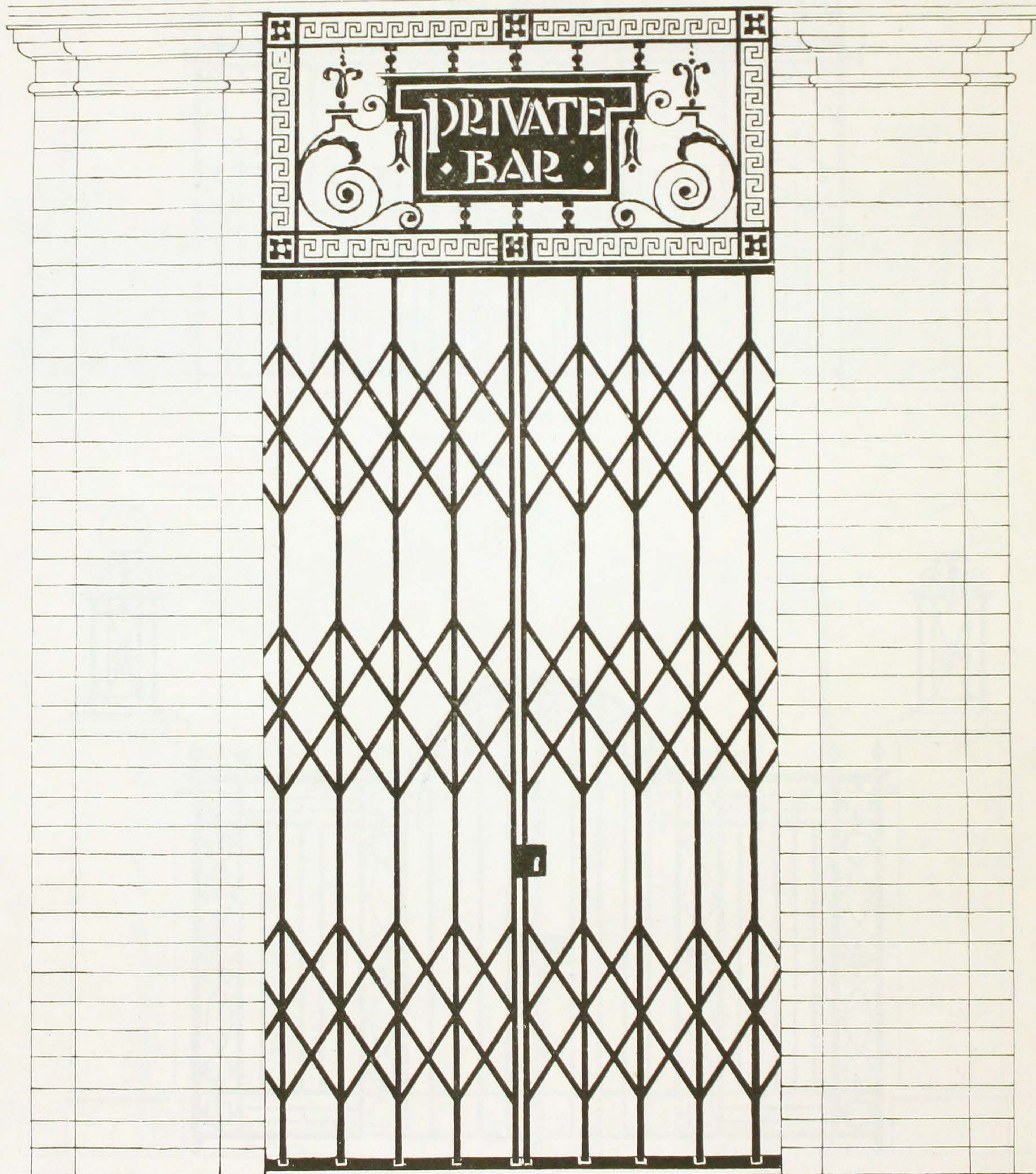
For opening 9' 0" wide. Height overall, 7' 0". Heel Bars, $1\frac{1}{2}" \times 1"$ Cross Rails, $1\frac{1}{2}" \times \frac{1}{2}"$
 Square Uprights, $\frac{3}{4}"$ £45 0 0 per pair.

**No. PHO 5087**

For opening, 10' 0" wide. Height, 7' 0". Heel Bars, $1\frac{1}{2}" \times 1"$ Cross Rails, $1\frac{1}{2}" \times \frac{1}{2}"$ Square Uprights, $\frac{3}{4}"$
 £54 0 0 per pair.

Four-Way Standards, complete with Globes, £15 0 0 each.

Wrought Iron Grille and Collapsible Gates

SCALE— $\frac{3}{4}$ " TO 1'

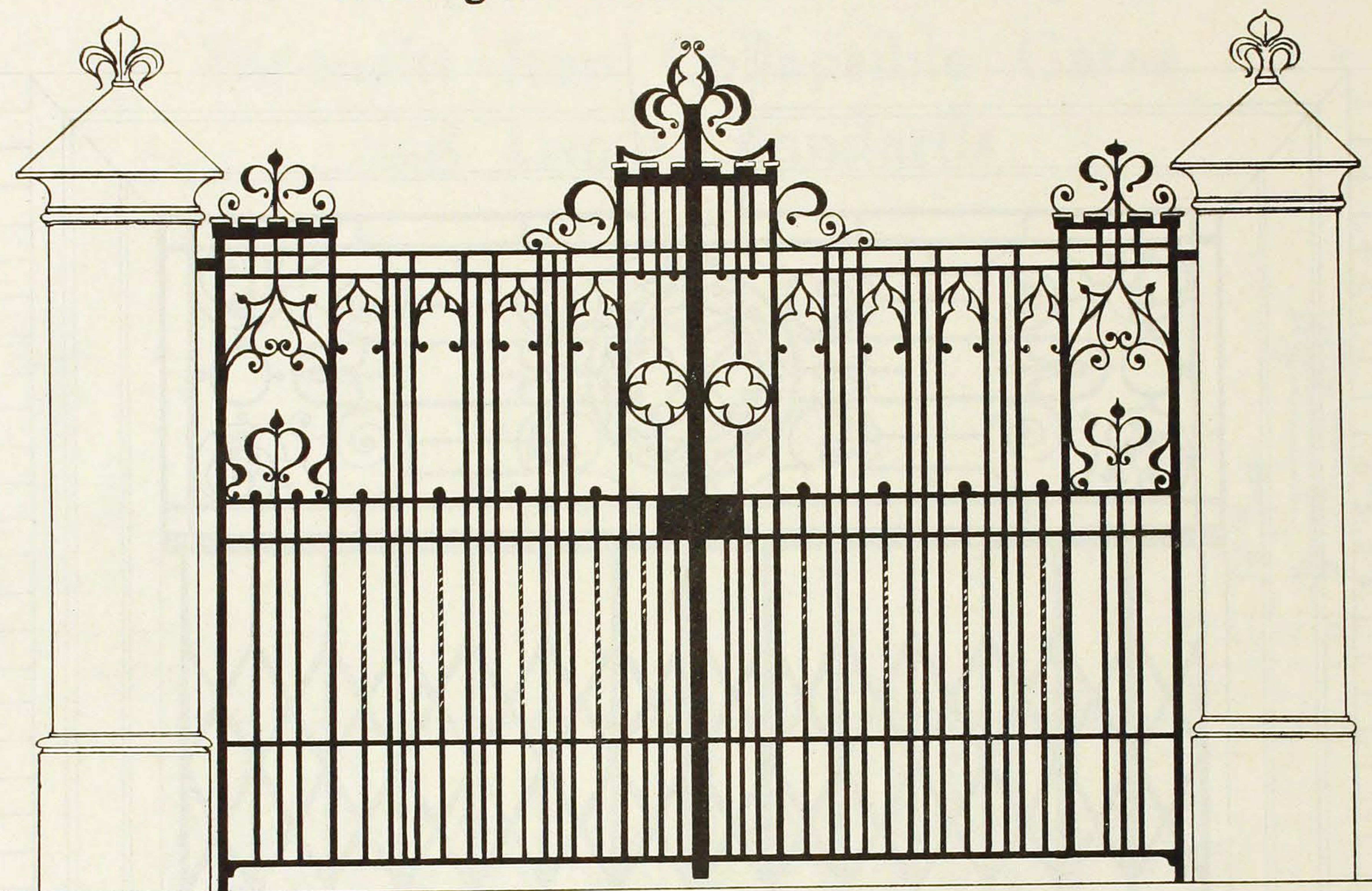
No. PHO 8014 Gates.

No. PHO 8019 Grille.

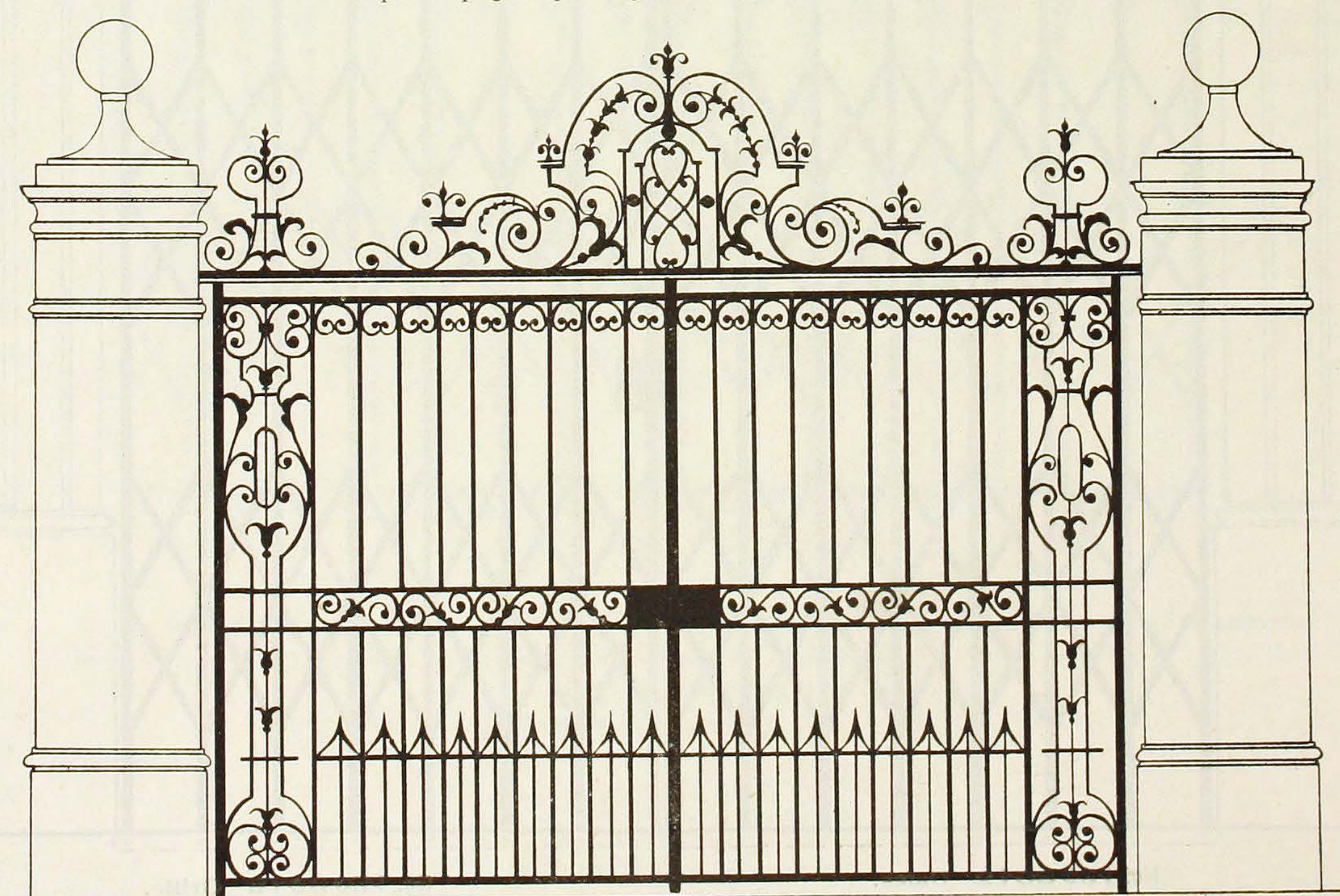
Collapsible Gates for opening 5' 0" wide. Height 8' 0" with fixed Top Track and Channel Bottom.
 Fitted with Clutch Bolt Lock ... £9 7 6 per pair.

Wrought Iron Grille with Pierced Letters and White Opal Glass Back ... £25 10 0 extra.

Wrought Iron Entrance Gates

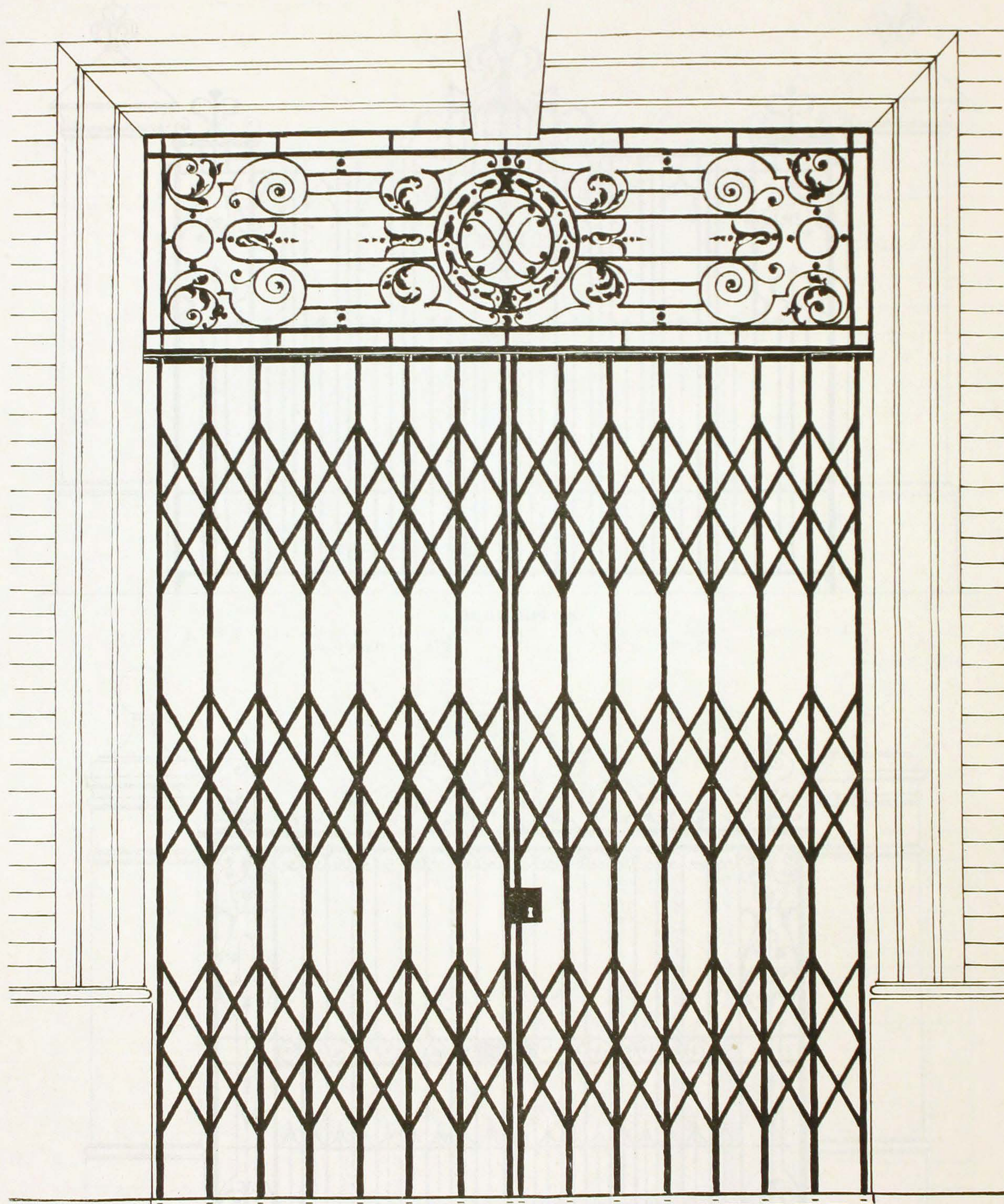
SCALE— $\frac{1}{4}$ " TO 1'**No. PHO 5088**

For opening, 10' 0" wide. Height, 9' 6" Square Heel Bars, $1\frac{1}{2}$ " Cross Rails, $1\frac{3}{4}$ " $\times$ $\frac{5}{8}$ " and $\frac{3}{4}$ ".
 Square Uprights, $\frac{3}{4}$ " and $\frac{5}{8}$ " £75 0 0 per pair.

**No. PHO 5089 With Fixed Grille.**

For opening, 9' 0" wide. Height of Gates, 8' 0". Grille 2' 0". Square Heel Bars, $1\frac{1}{2}$ ".
 Cross Rails, $1\frac{3}{4}$ " $\times$ $\frac{5}{8}$ " and $\frac{3}{4}$ " Square Uprights, $\frac{5}{8}$ " and $\frac{3}{4}$ " £93 15 0 per pair, complete.

Wrought Iron Grille and Collapsible Gates

SCALE— $\frac{1}{4}$ " TO 1'

No. PHO 8012 Gates.

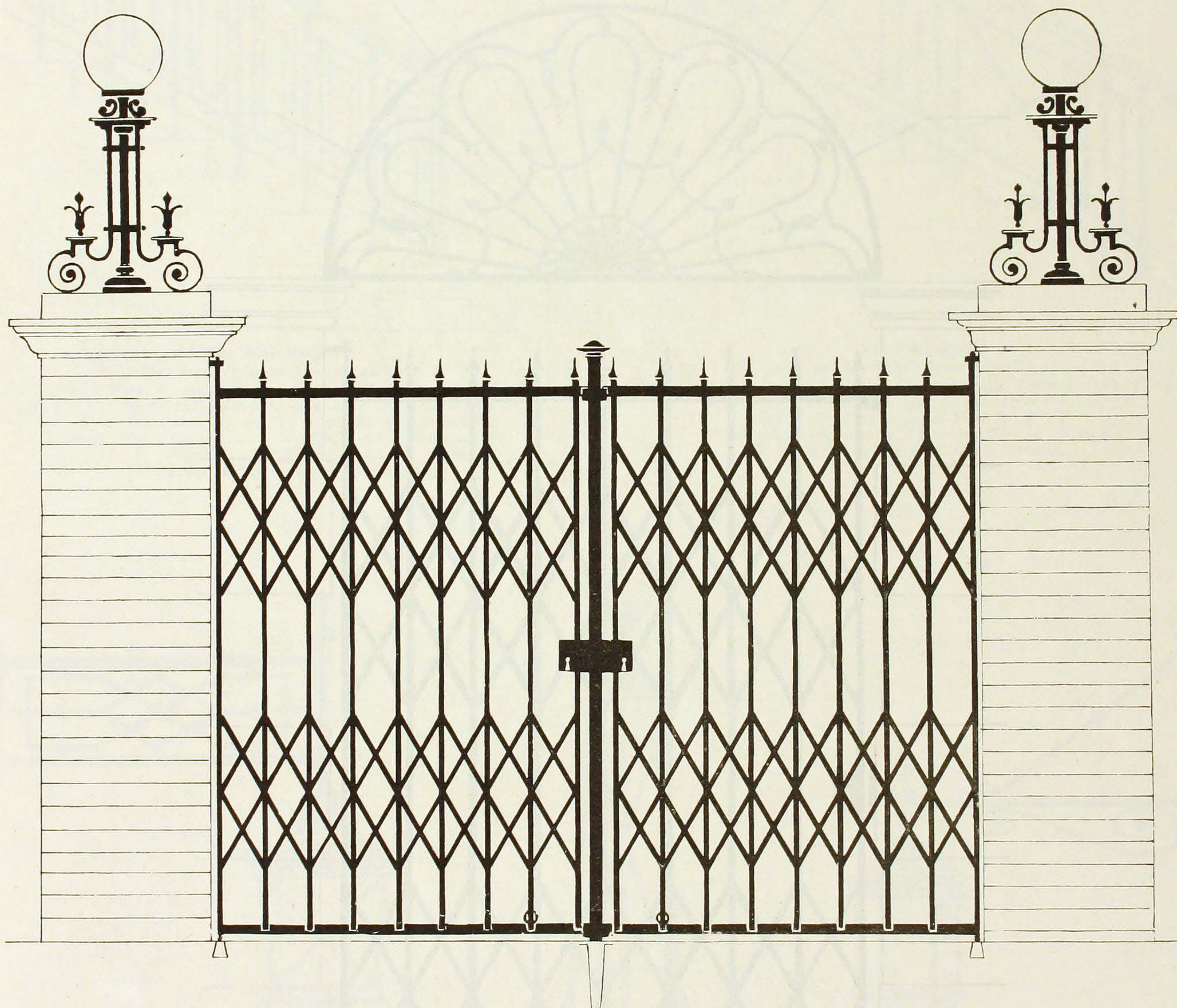
No. PHO 8018 Grille.

Collapsible Gates for opening 7' 0" wide. Height of Gates, 8' 0". Grille, 2' 6"

Gates complete fitted with Clutch Bolt Lock, £13 2 6 per pair.

Extra for Ornamental Grille, £27 15 0

Wrought Iron Collapsible Gates and Lamp Standards

SCALE— $\frac{3}{4}$ " TO 1'**No. PHO 8013 Gates.**

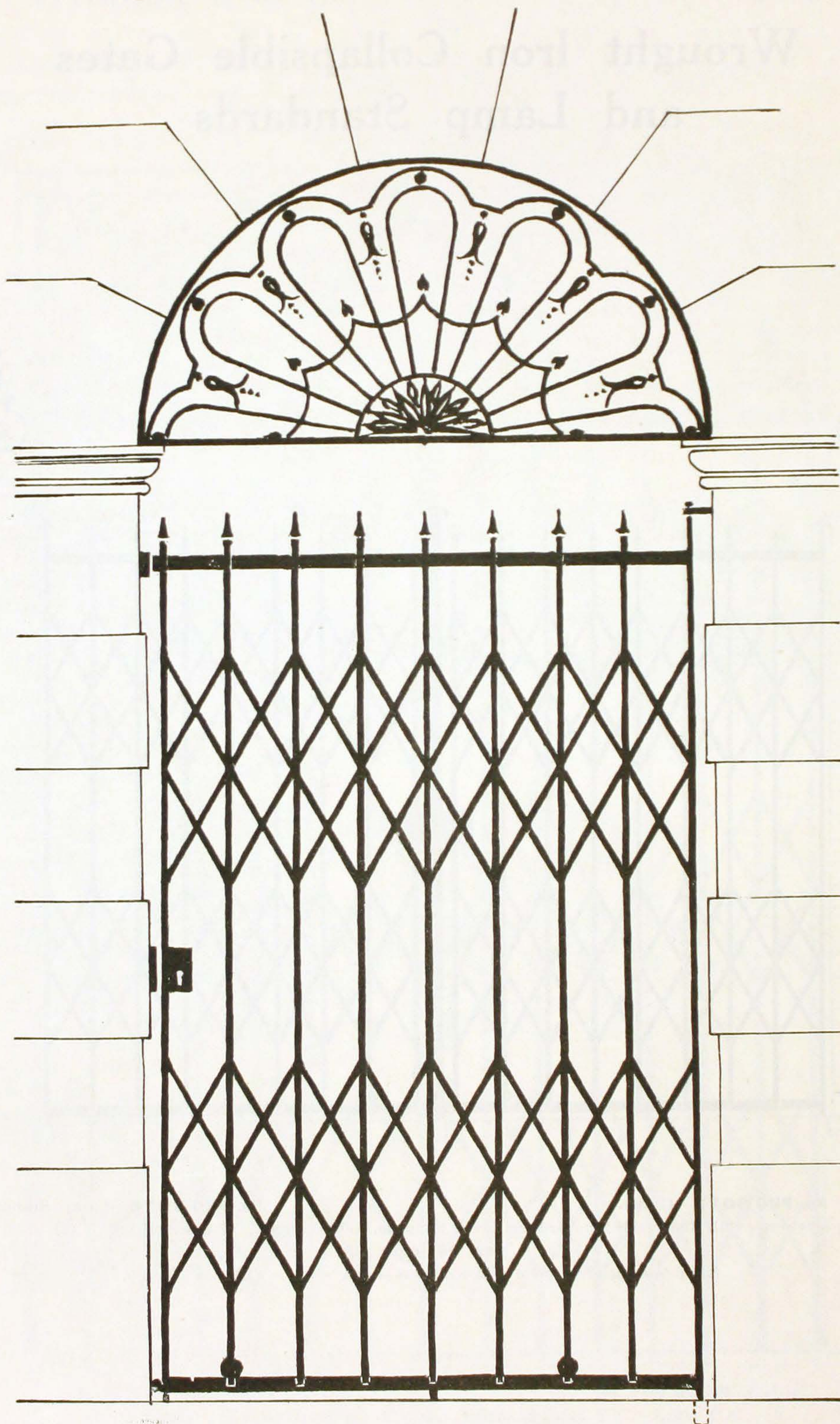
Collapsible Gates with Removable Standard and Locks complete. For opening 7' 0" wide. Height 5' 6". Spear Heads.

£12 10 0 per pair.

No. PHO 8016 Lamp Standards.

Lamp Standards complete with Globes as shewn ... £11 5 0 each.

Wrought Iron Grille and Collapsible Gates

SCALE— $\frac{1}{4}$ " TO 1'**No. PHO 8015 Gates.**

Single Collapsible Gates, for opening 4' 0" wide. Height 8' 0".

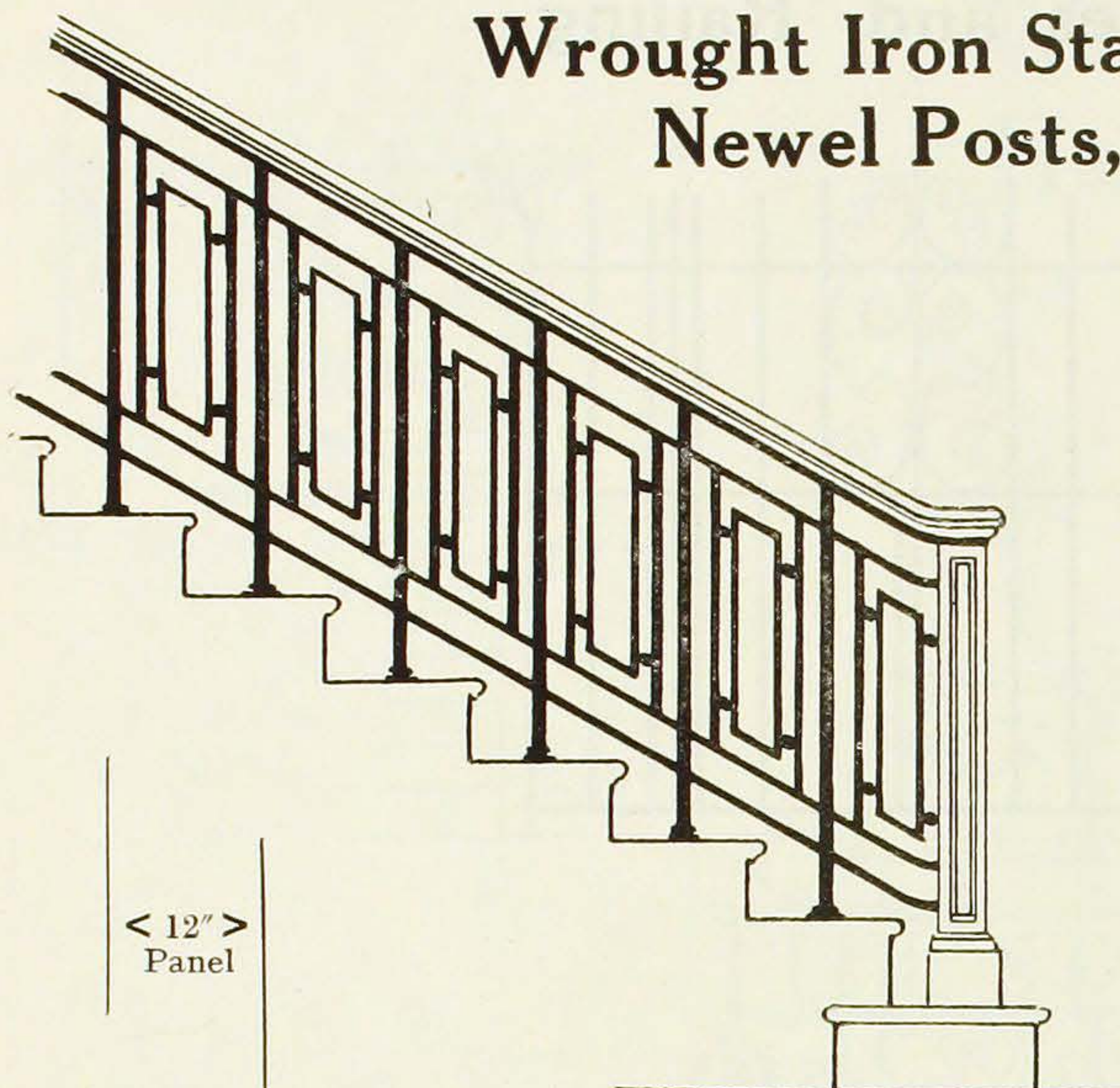
Grille, ready for fixing as shewn

No. PHO 8017 Grille.

Spear Heads, and fitted with Clutch Bolt Lock, £7 7 0 each.

£16 17 6 each.

Wrought Iron Standards, Newel Posts, etc.



No. PHO 8020

Panel for Wrought Iron Standards.

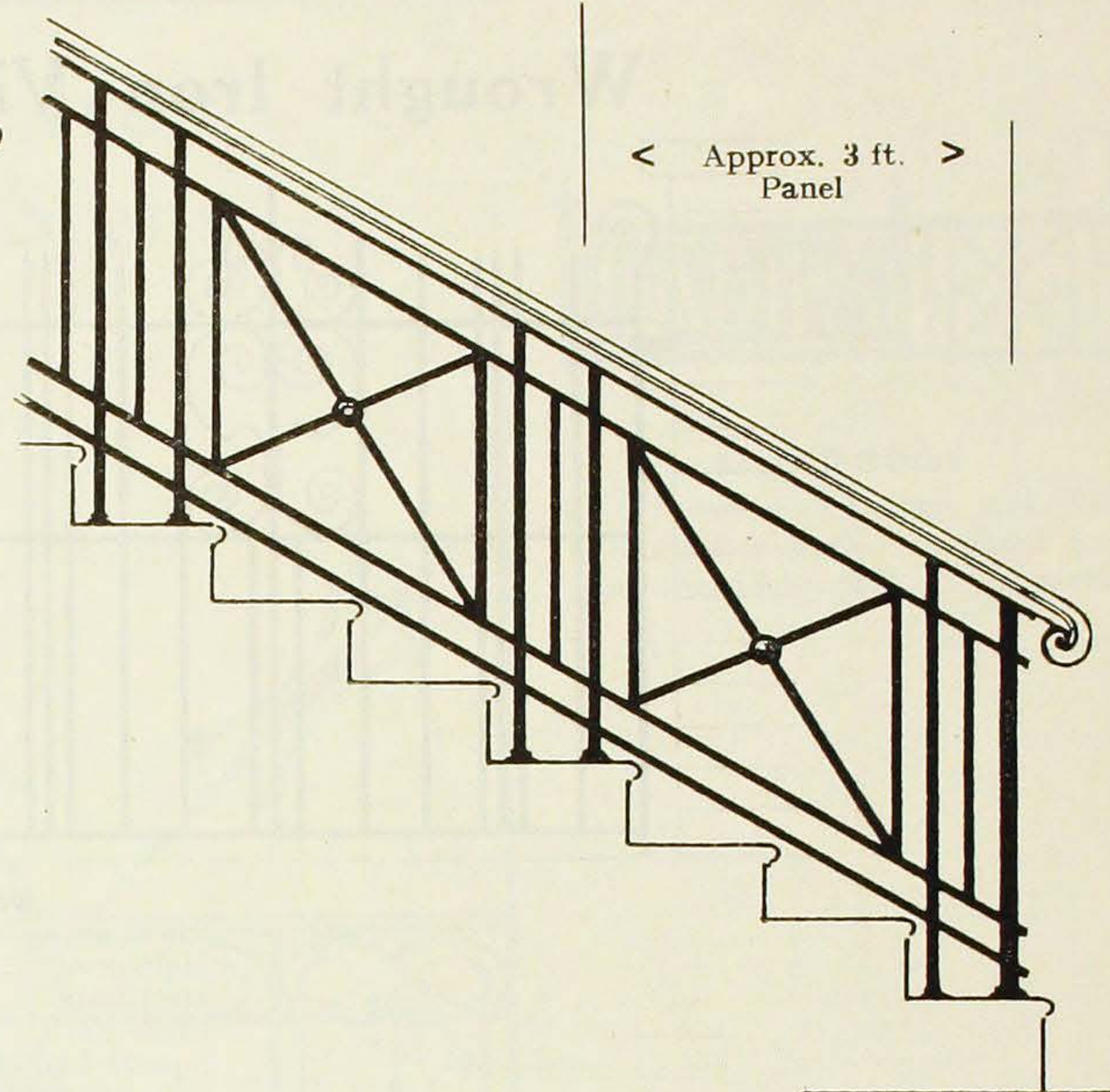
Main Vertical Bars $\frac{3}{4}$ " square. Intermediate Vertical Bars $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ " and Panel $\frac{3}{4}$ " $\times$ $\frac{3}{8}$ ". Horizontal Bars $1\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " and $1\frac{1}{4}$ " $\times$ $\frac{3}{8}$ ". Core Rail 1 " $\times$ $\frac{1}{4}$ ".

Price per Panel, approx. 12" wide, £1 19 9 each.

Newell Post. Cast Iron, 3" square, £3 9 0 each.

Wrought Iron, 2" square, £2 0 6 each.

Prices include one coat of Grey Priming.



< Approx. 3 ft. >
Panel

No. PHO 8021

Panel for Wrought Iron Standards.

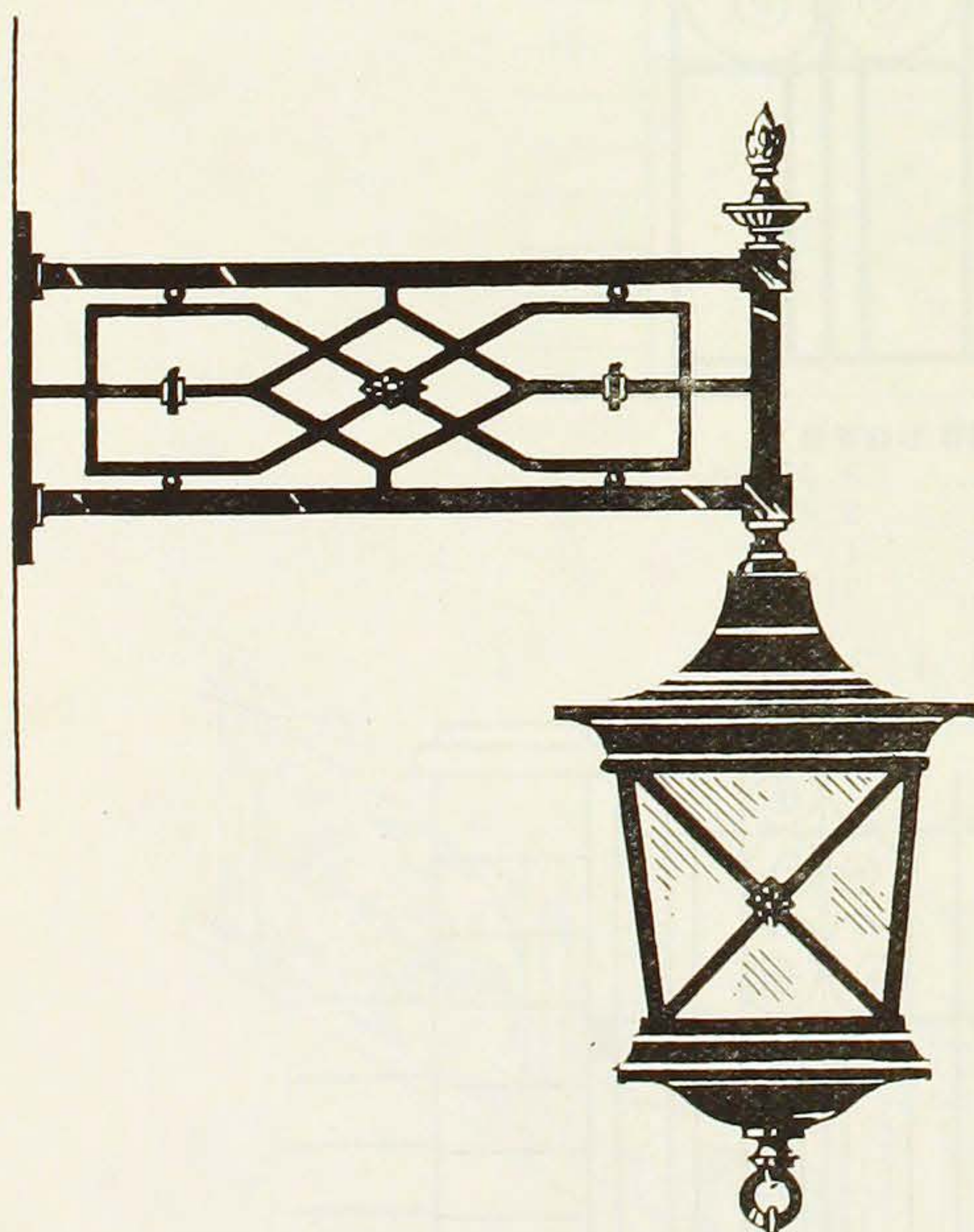
Main Vertical Bars $\frac{3}{4}$ " square. Intermediate Vertical Bars $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ ".

Horizontal Bars, $1\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " and $1\frac{1}{4}$ " $\times$ $\frac{3}{8}$ ".

Core Rail, 1 " $\times$ $\frac{1}{4}$ ". Panel Fittings, $\frac{3}{4}$ " $\times$ $\frac{1}{2}$ ".

Price per Panel, approx. 36" wide, £2 16 3 each.

Price includes one coat Grey Priming.



No. PHO 8024

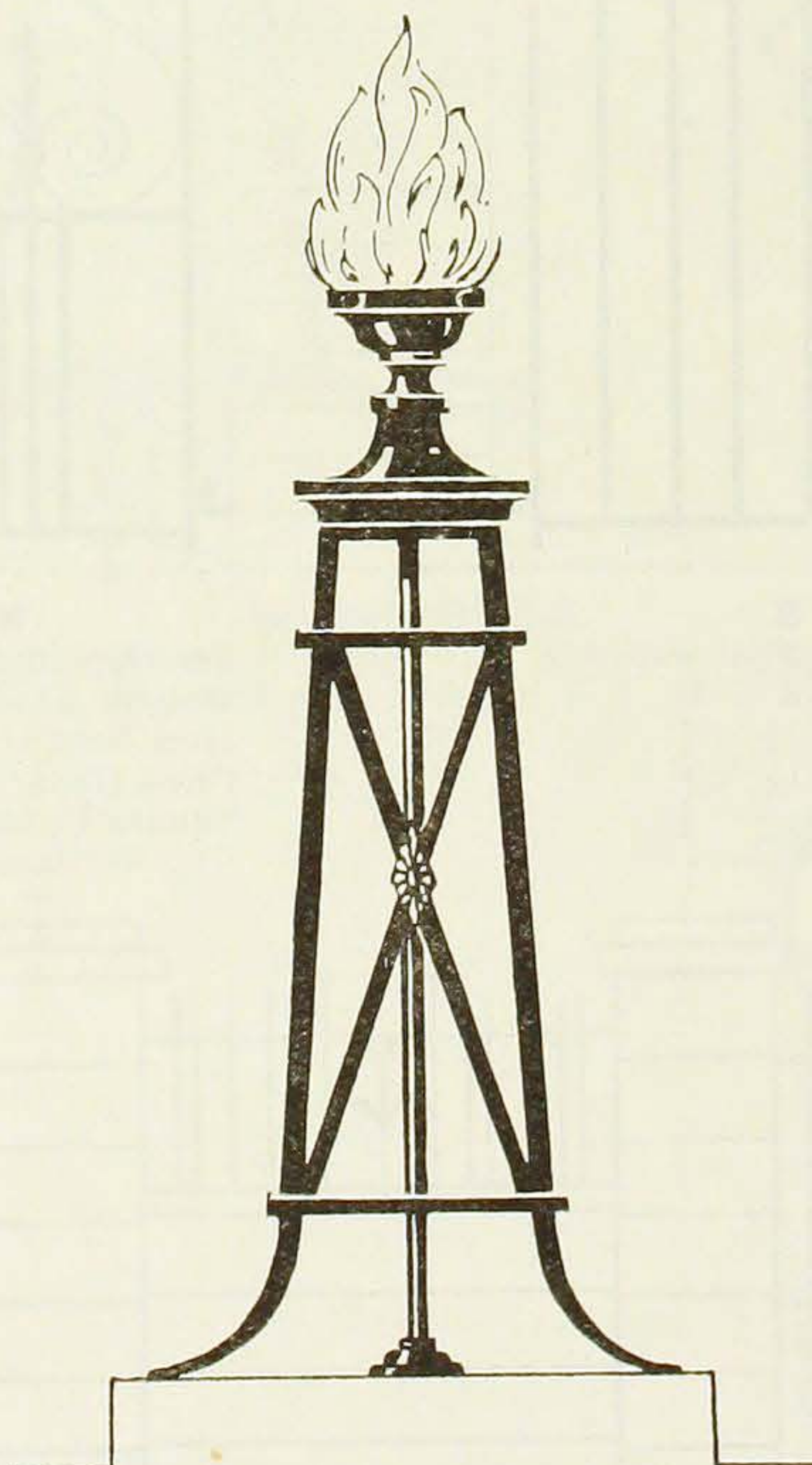
Wrought Iron Bracket and Lamp.

Projection of Bracket, 2' 6". Overall projection of Bracket and Lamp, 3' 2 $\frac{1}{2}$ ". Back Plate, 15" $\times$ 4". Square Lamp 17" $\times$ 17" at top. Height 30" overall. Lamp to open one side, Glazed with Clear Glass Panels and arranged for one Lamp in centre.

Exclusive of Wiring, Lamp Holder and Lamp.

£15 8 0 each, complete.

Painted one coat Grey Priming.



No. PHO 8023

Wrought Iron Standard with Lamp.

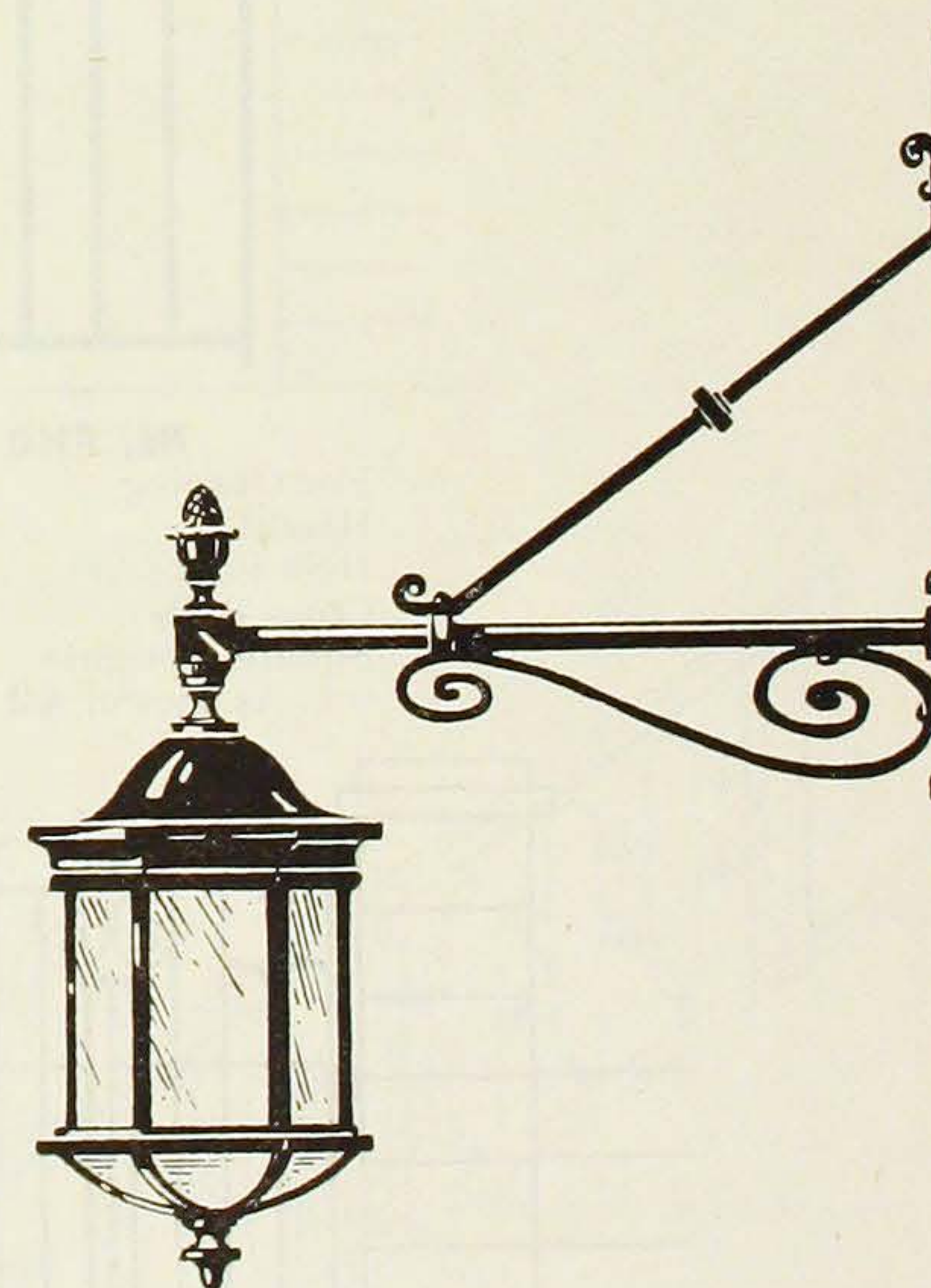
Height to top of Carrier 3' 8"; Height overall 4' 6". Corner Bars, 1" $\times$ 1" $\times$ $\frac{1}{4}$ ". Angle Panel Fittings 1" $\times$ $\frac{1}{4}$ ". $\frac{3}{4}$ " Tube in centre for wiring.

4" fitting cast Iron Carrier, fitted with $\frac{1}{2}$ " Brass Nipple for Lamp Holder,

£6 3 9 each.

Flambeau Globe, 10" $\times$ 4" 9/9 each extra.

Price includes one coat Grey Priming.



No. PHO 8022

Wrought Iron Bracket and Lamp.

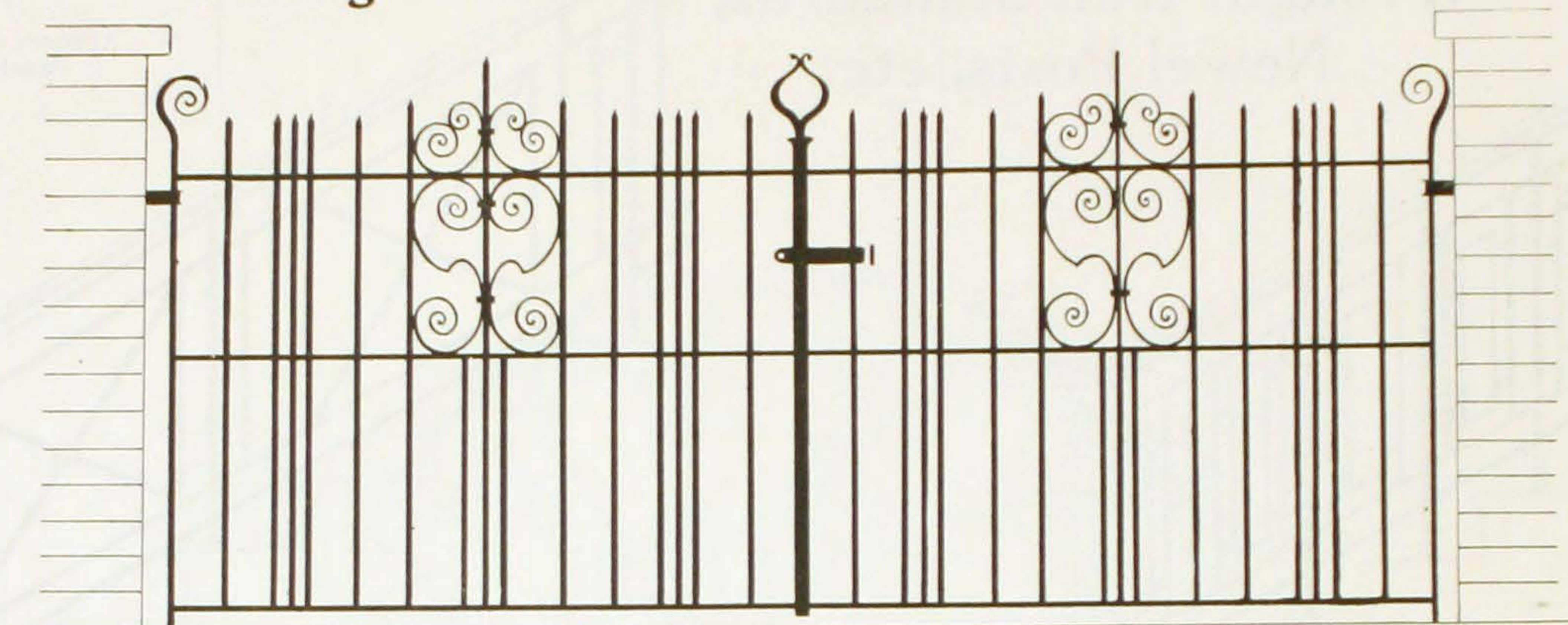
Projection of Bracket, 2' 3". Overall projection of Bracket and Lamp, 2' 9". Back Plate, 10" $\times$ 4". Hexagonal Lamp 12 $\frac{1}{2}$ " diameter at top. Height 20" overall. Lamp opens one side, and is glazed with Clear Glass, Flat Panels in Sides and Bent Panels in Bottom. Arranged for one Lamp in centre.

Exclusive of Wiring, Lamp Holder and Lamp.

£10 0 9 each, complete.

Price includes one coat of Grey Priming.

Wrought Iron Villa Gates and Railing



No. PHO 5077

For opening	...	9' 0" wide.
Height	...	3' 6"
Heel Bars	...	1 1/4" x 3/4"
Cross Rails	...	1 1/4" x 3/8"
Square Uprights	...	1/2"
As shewn, £7 9 3 per pair.		

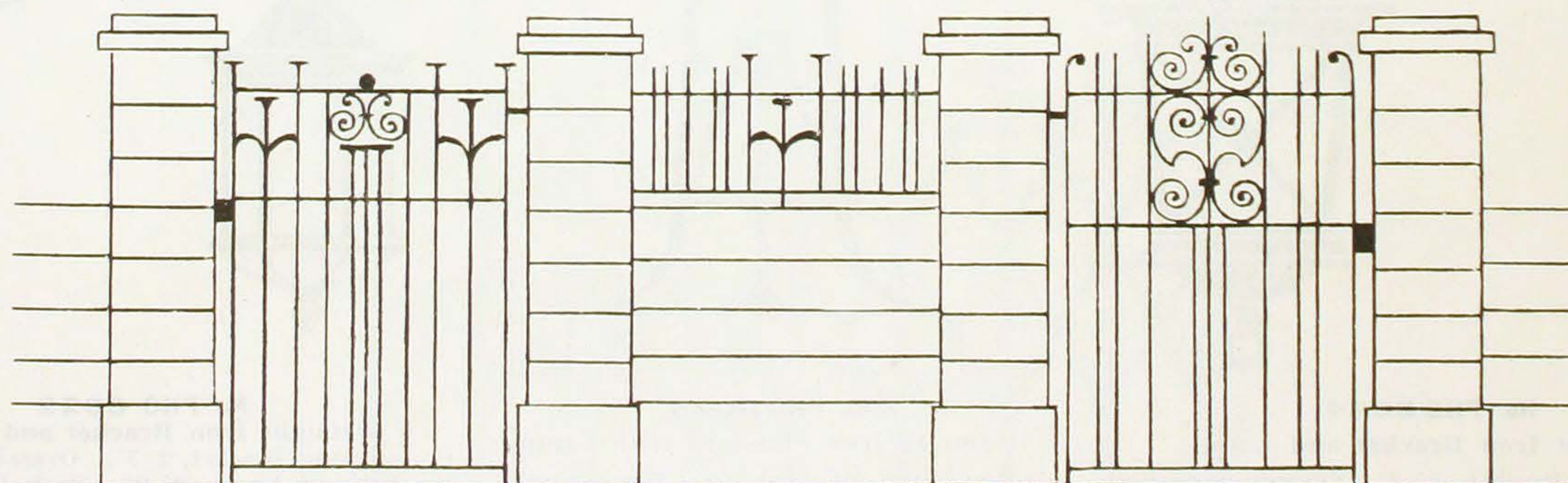


No. PHO 5078

For Opening	...	3' 3" wide.
Height	...	3' 6"
Heel Bars	...	1 1/4" x 3/4"
Cross Rails	...	1 1/4" x 3/8"
Square Uprights	...	1/2"
As shewn, £2 8 9 each.		

No. PHO 5079

For Opening	...	3' 3" wide.
Height	...	3' 6"
Heel Bars	...	1 1/4" x 3/4"
Cross Rails	...	1 1/4" x 3/8"
Square Uprights	...	1/2"
As shewn, £2 1 3 each.		



No. PHO 5072

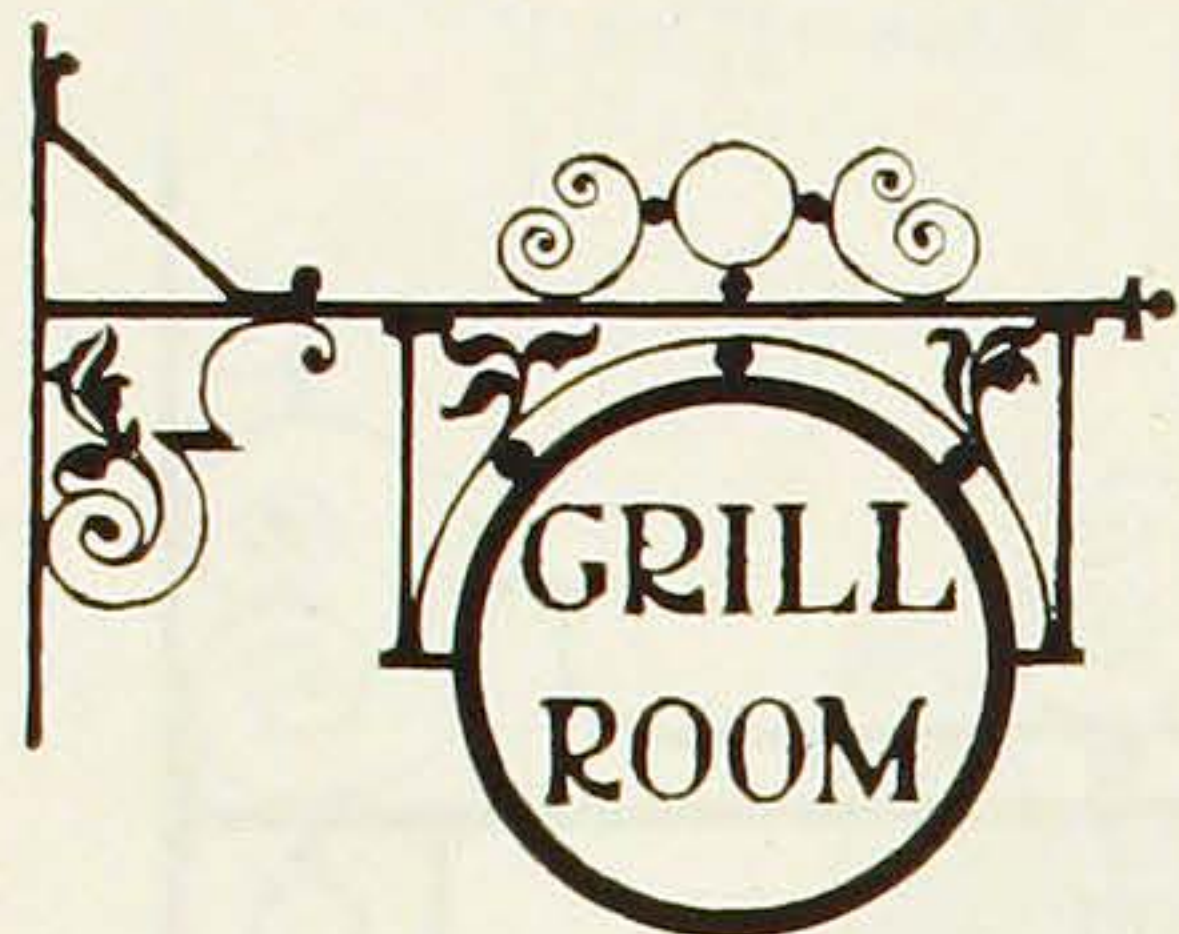
RAILING—Height from top of wall to head on railing, 1' 6". Horizontals 1 1/4" wide x 3/8" thick. Uprights, 1/2" square.
Price per yard with Wrought Iron Heads as shewn and including panels every 6' 0" ... 13/2 per yard.

GATES—

No. PHO 5072	Hand Gate to match, as shewn 4' 0" high x 3' 0" wide, fitted with lift-up latch, wall clip and locking box, Uprights, 1/2" square	...	57/- each.
No. PHO 5073	Hand Gate, as shewn, 4' 6" high x 3' 0" wide, fitted with lift-up latch, wall clip and locking box. Uprights, 1/2" square	...	48/2 each.

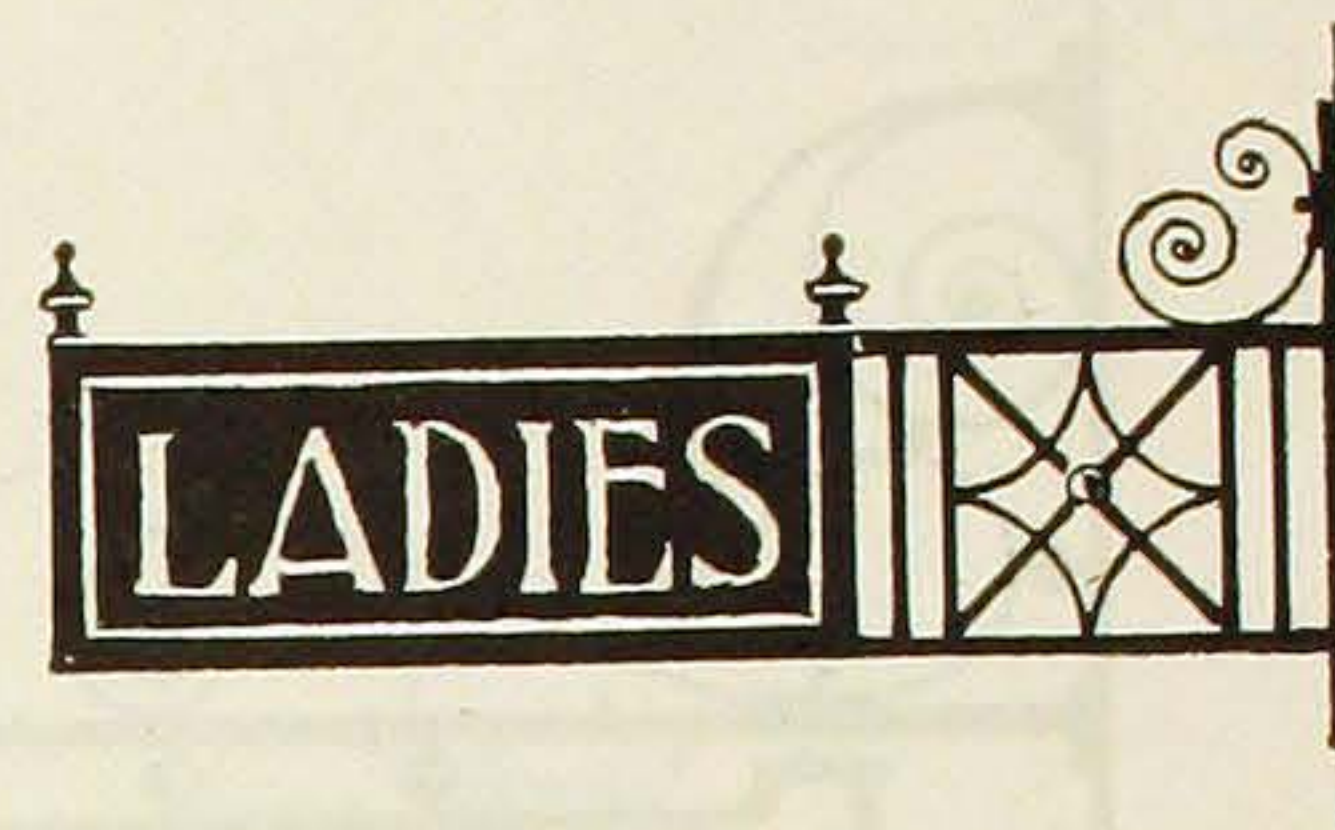
Wrought Iron Hanging Signs

Scale $\frac{1}{2}$ " to 1 foot.



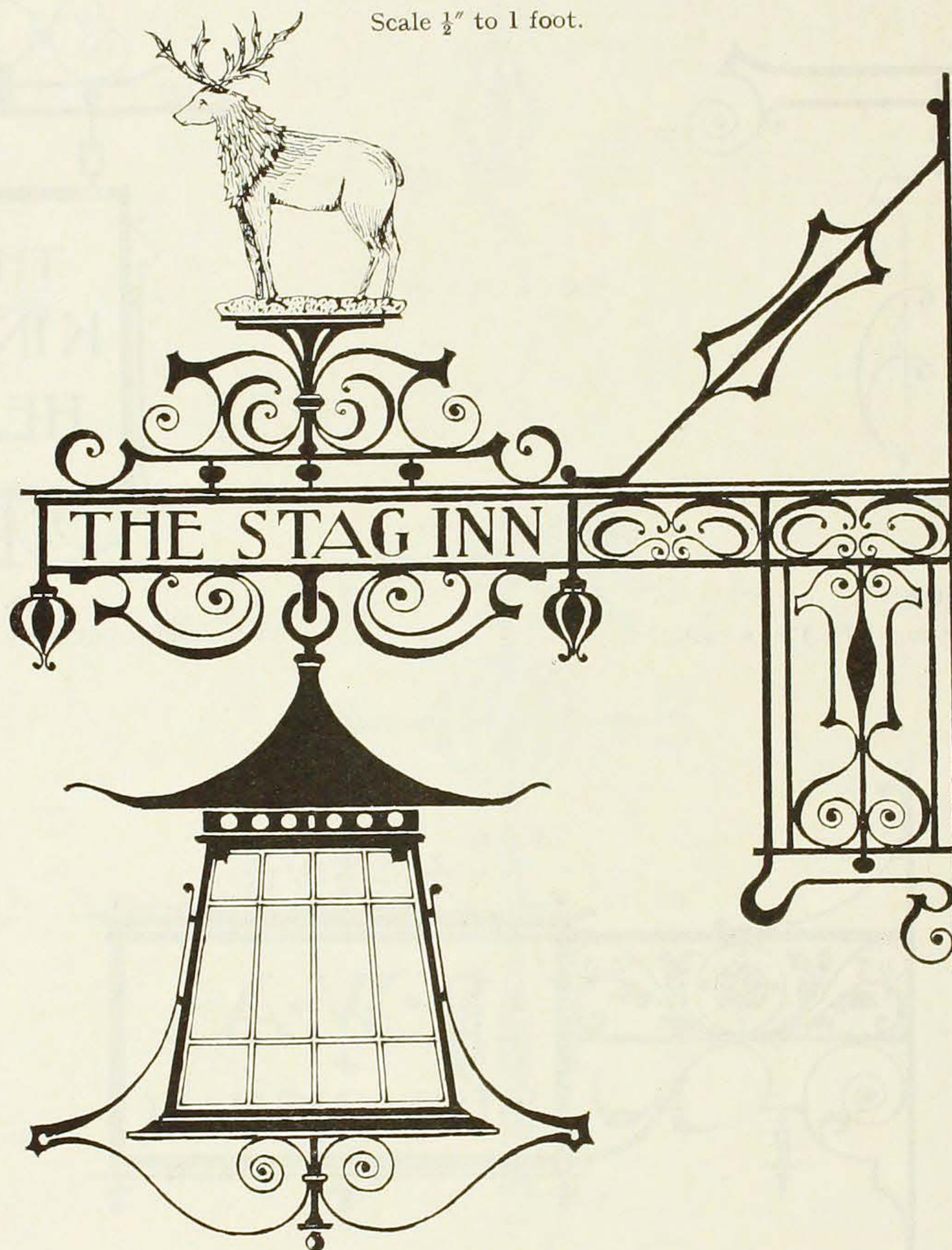
No. PHO 8000

Flat Sign, complete with Brackets,
£7 5 6 each.



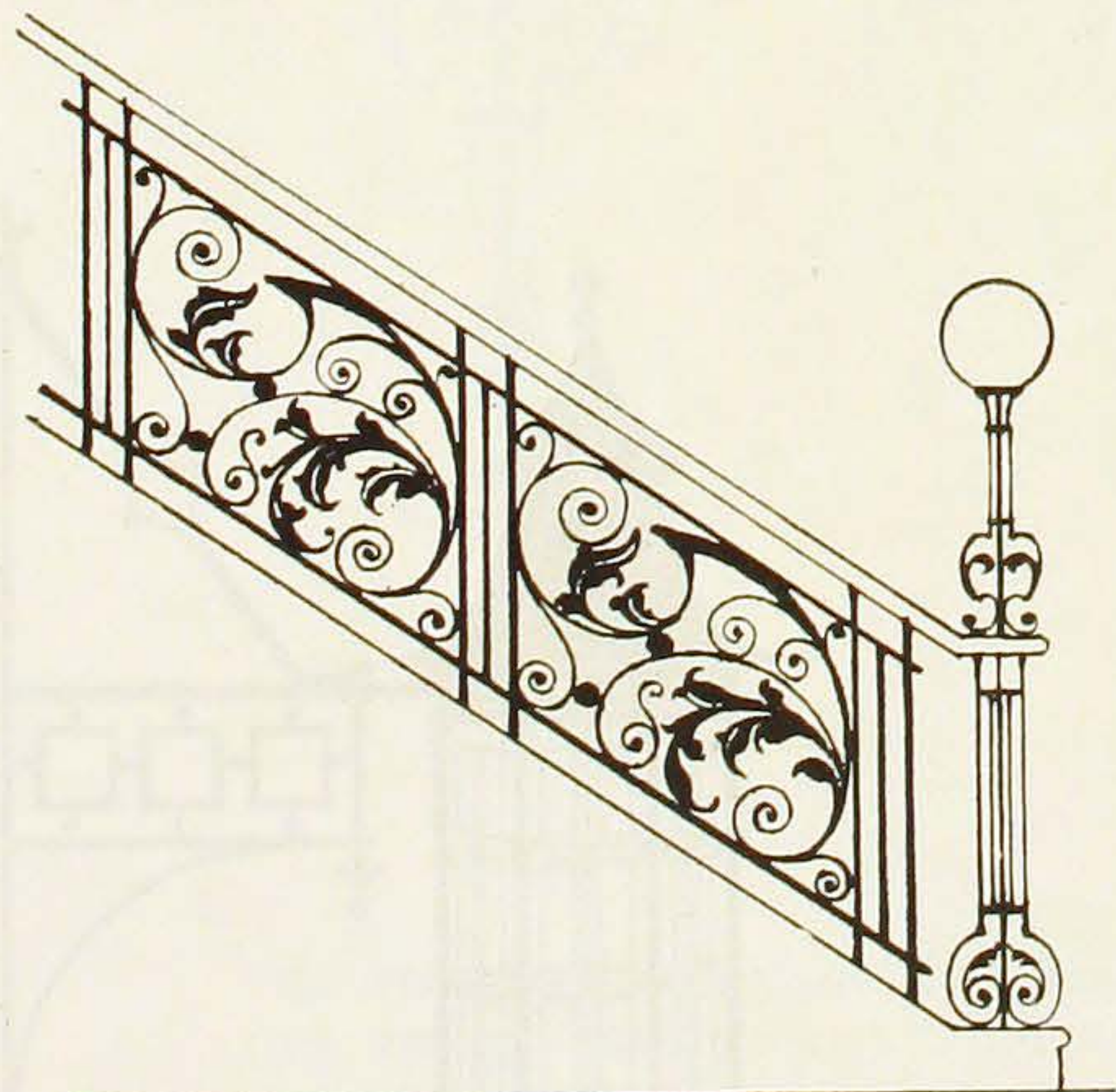
No. PHO 8001

With Special Cut Letters, and White
Opal Glass Back. Prepared for
Electric Light, £7 17 6 each.



No. PHO 8002

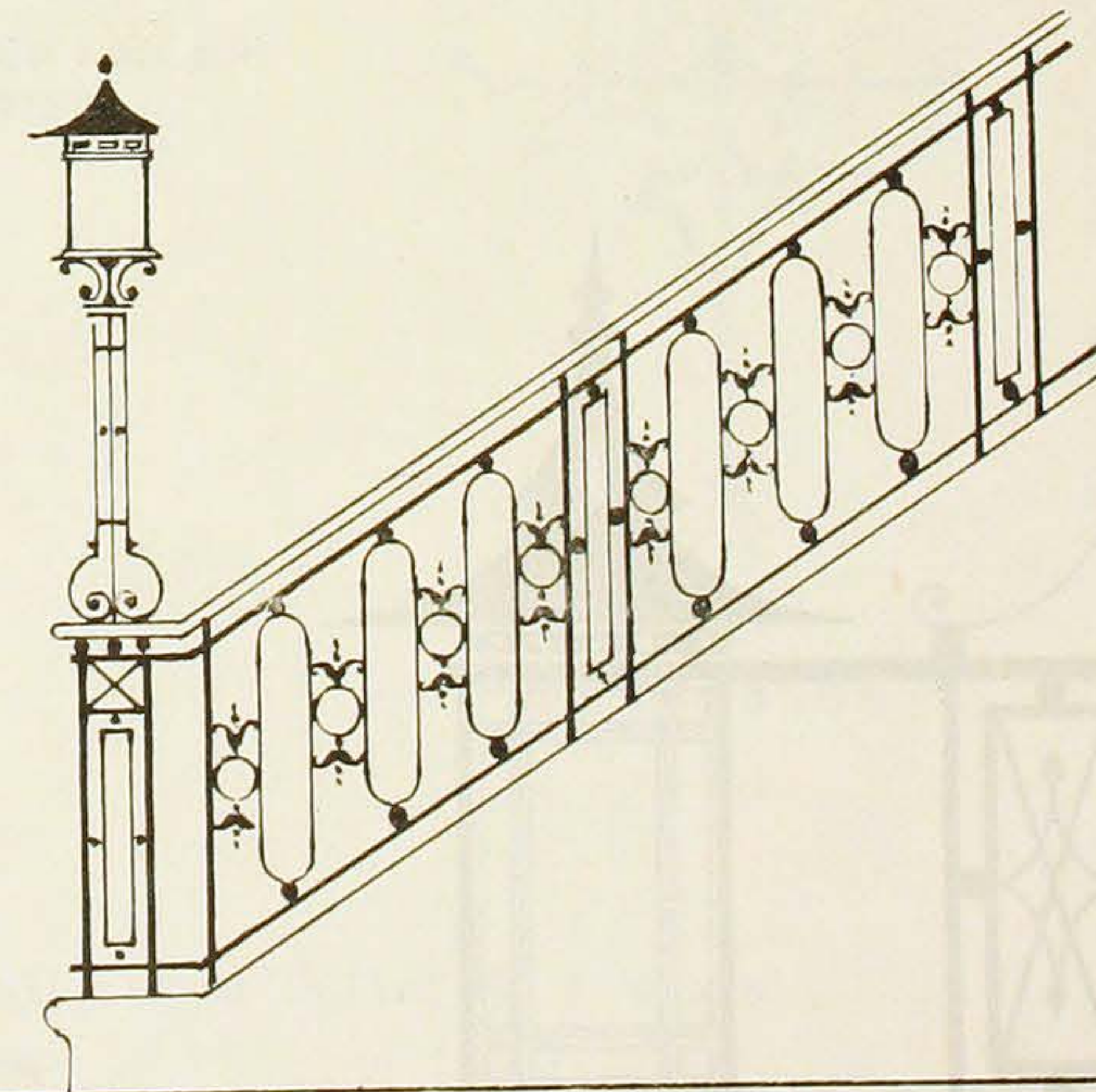
With full-bodied Stag and Copper Lamp,
Glazed, complete with Bracket, £75 0 0 each.



No. PHO 8003

Staircase Railing prepared for Wood Handrail.
£2 12 6 per foot run.

Four-way Newels, £5 12 6 each.
Newel Standards, with Globe Lamps,
£7 0 0 each.

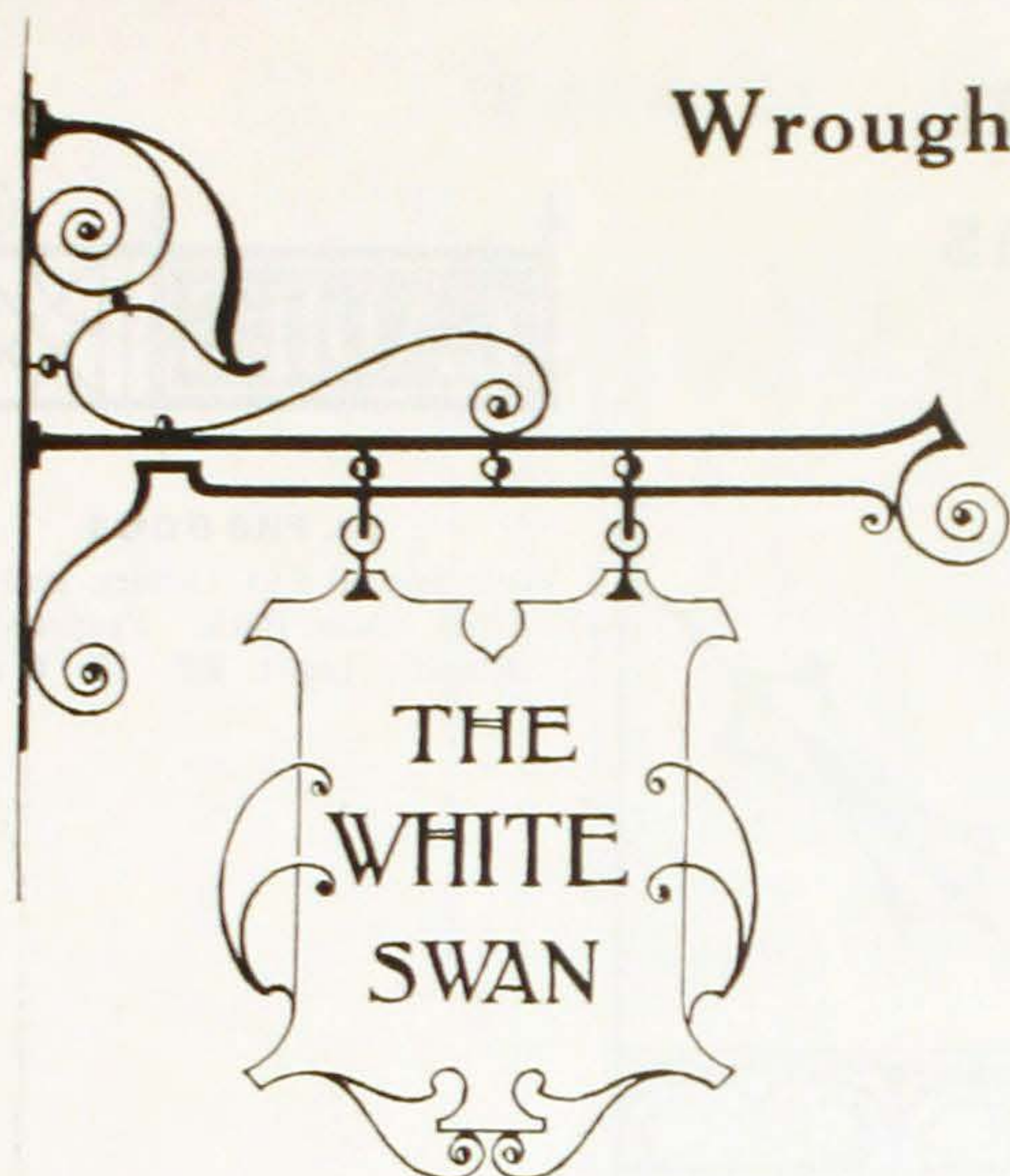


No. PHO 8004

Staircase Railing prepared for Wood Handrail
£1 10 0 per foot run.

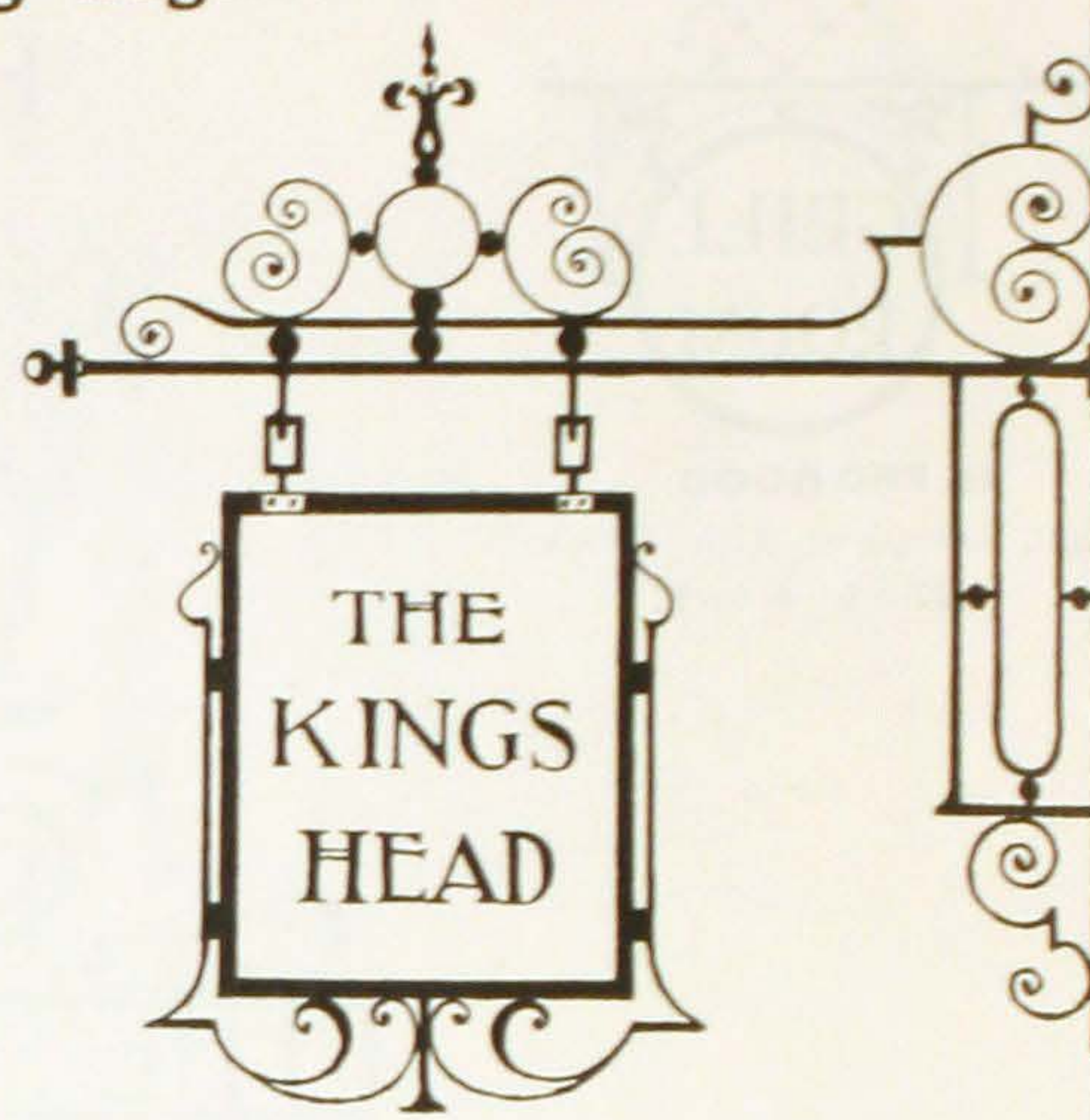
Four-way Newels, £7 10 0 each.
Newel Standards with Square Lantern, Glazed
complete, £11 5 0 each.

Wrought Iron Hanging Signs

SCALE— $\frac{1}{4}$ " TO 1"

No. PHO 8005

With Bracket but not including lettering, £7 17 6 each.

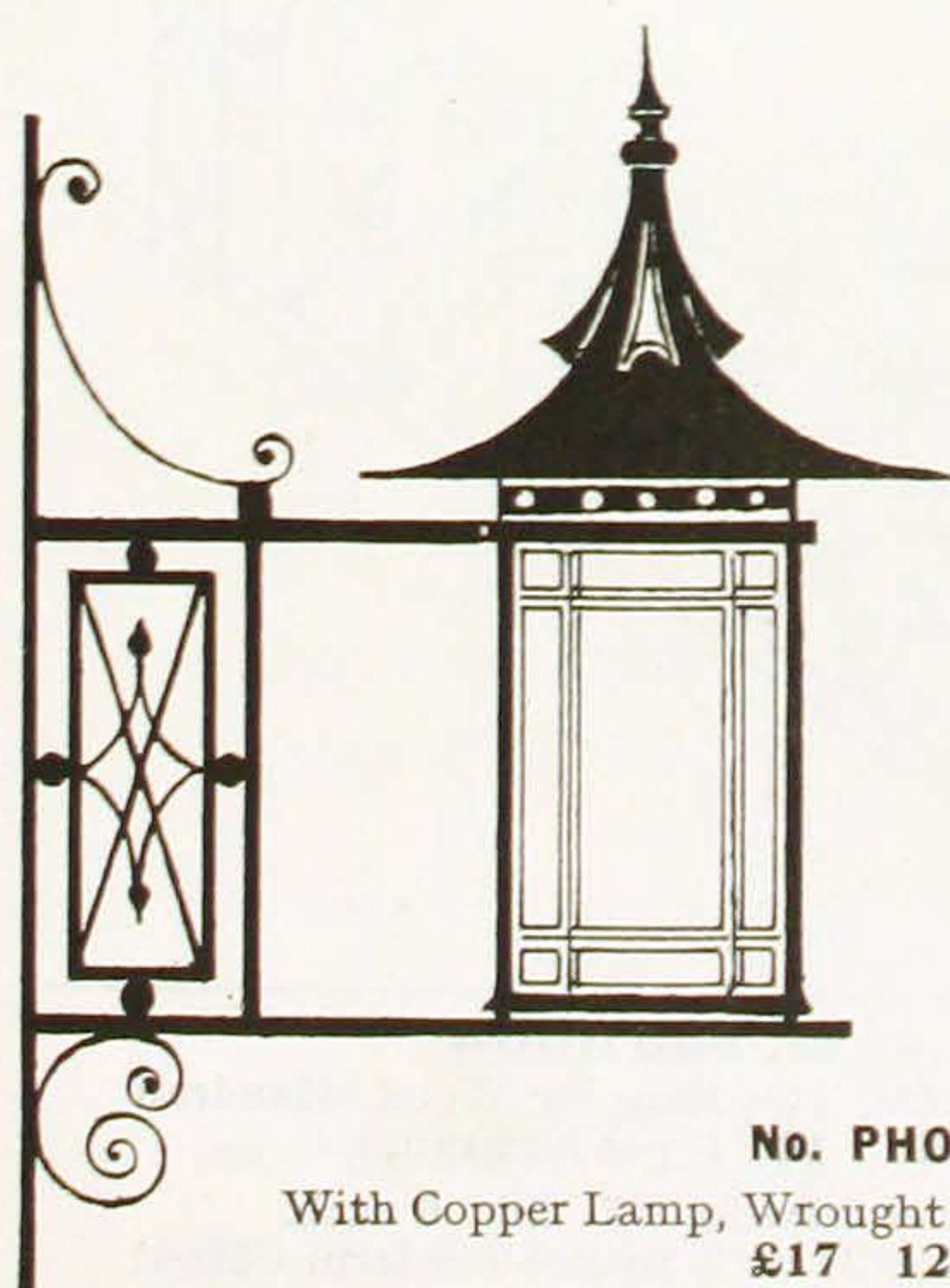


No. PHO 8006

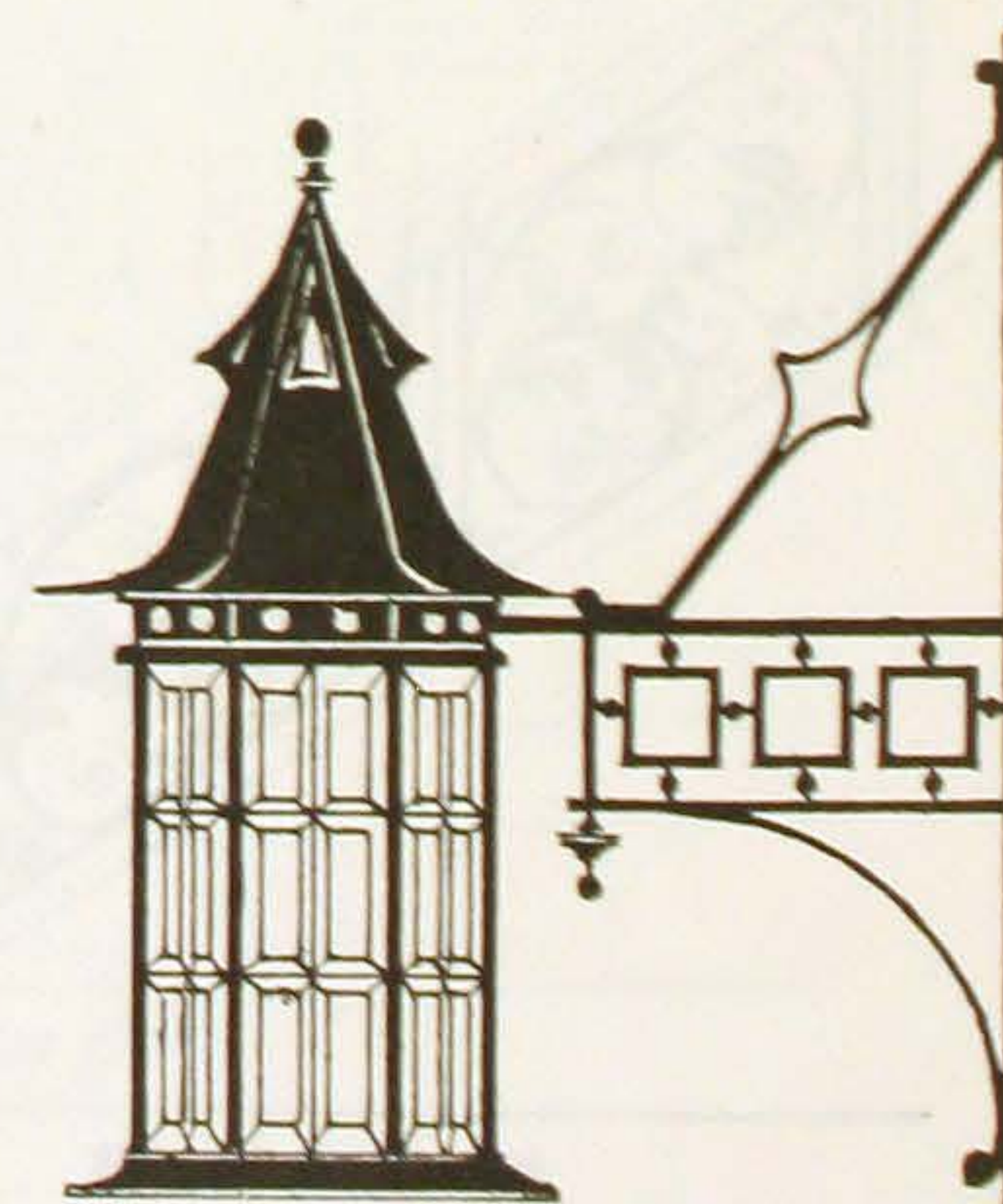
With Bracket but not including lettering £10 17 6 each.



No. PHO 8007

Box Sign with Stencil Letters and white opal Glass Back.
Prepared for Electric Light. £20 12 6 each.

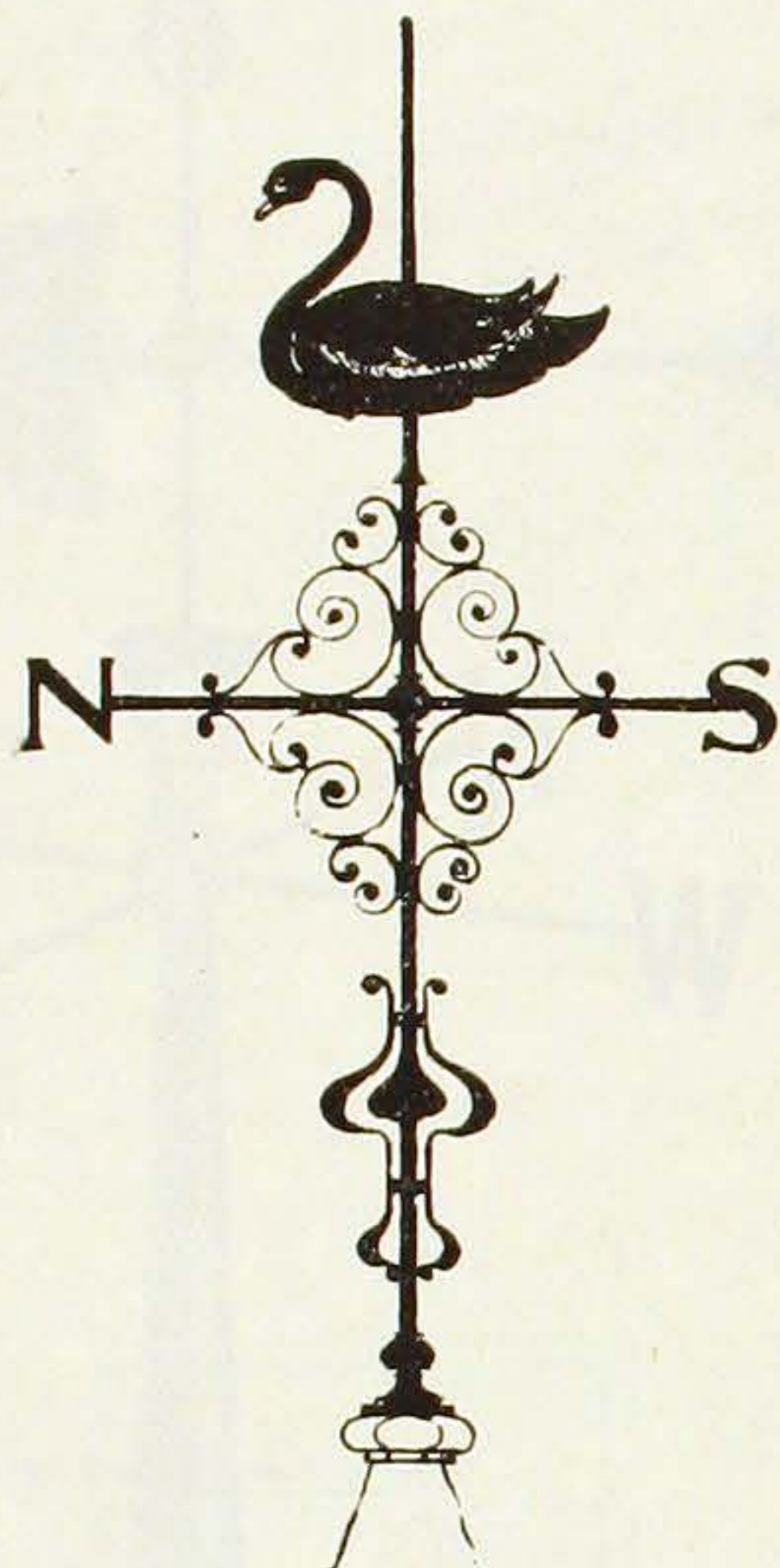
No. PHO 8008

With Copper Lamp, Wrought Iron Bracket. Glazed complete.
£17 12 6 each.

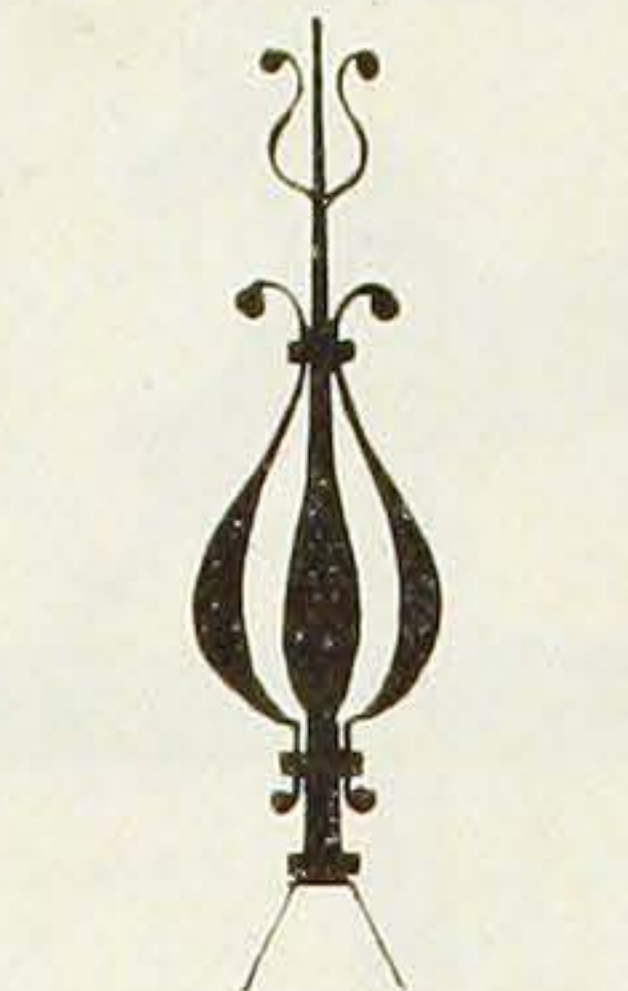
No. PHO 8009

With Copper Lamp, and Wrought Iron Bracket.
Glazed complete, £22 10 0 each.

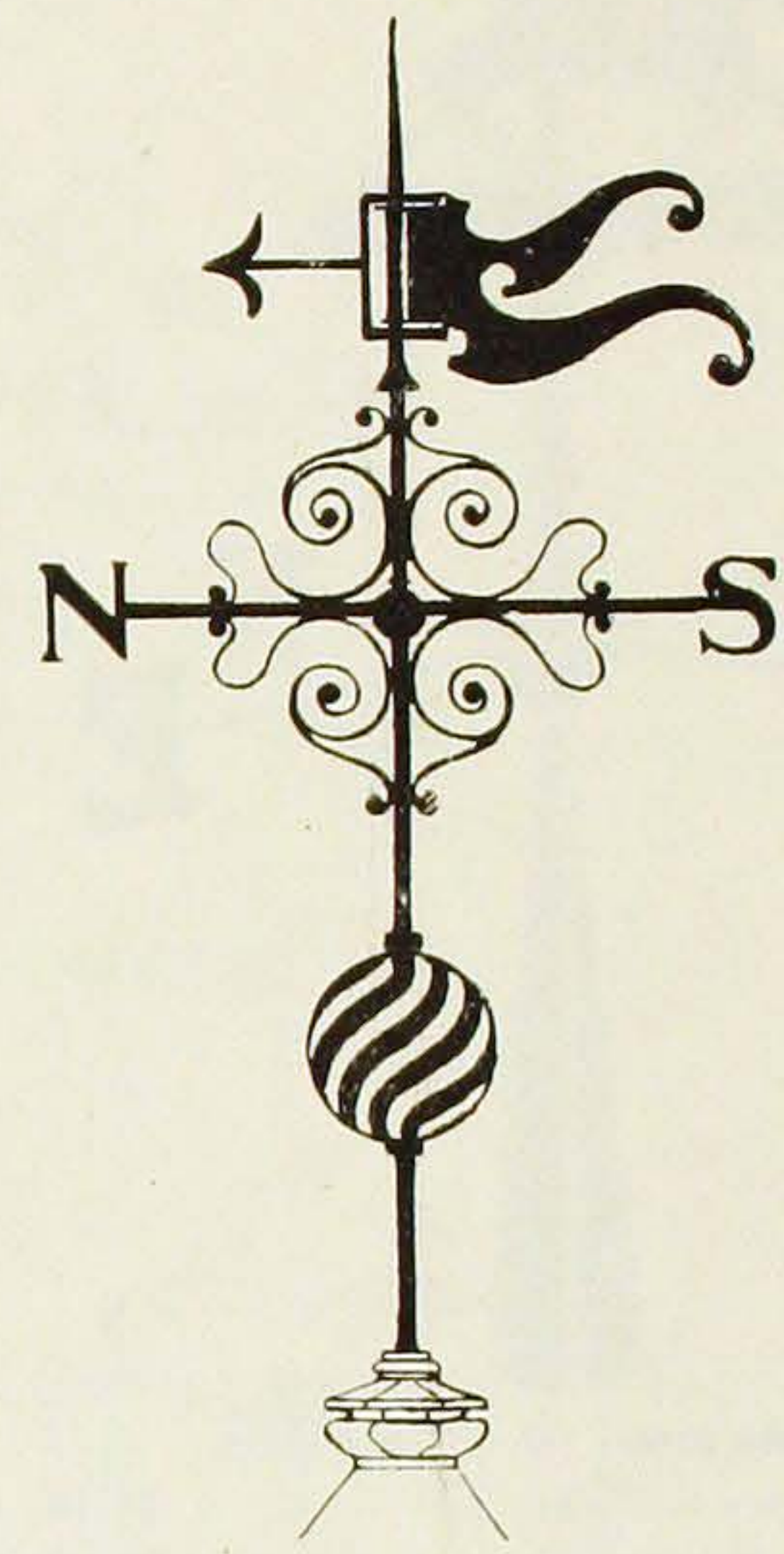
Wrought Iron Weather Vanes

SCALE— $\frac{1}{4}$ " TO 1"

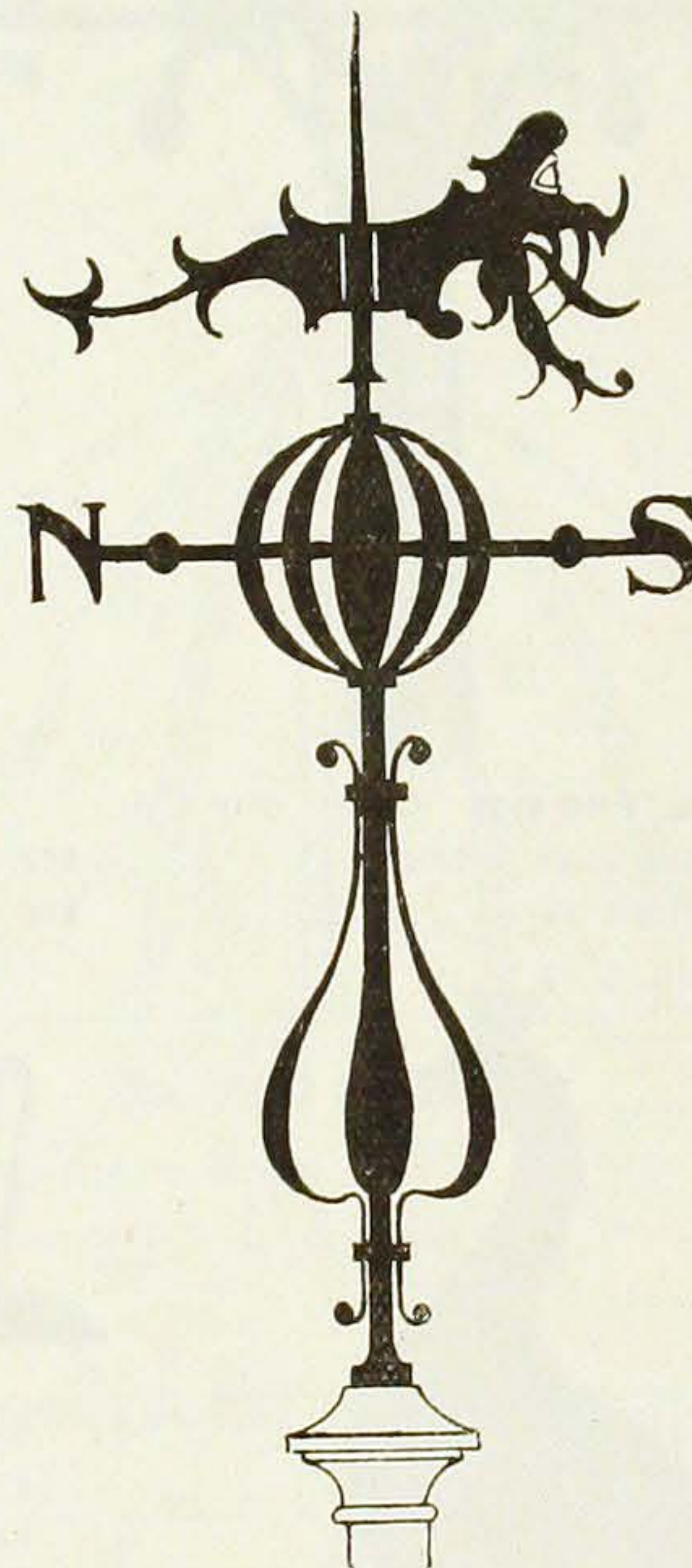
No. PHO 9190



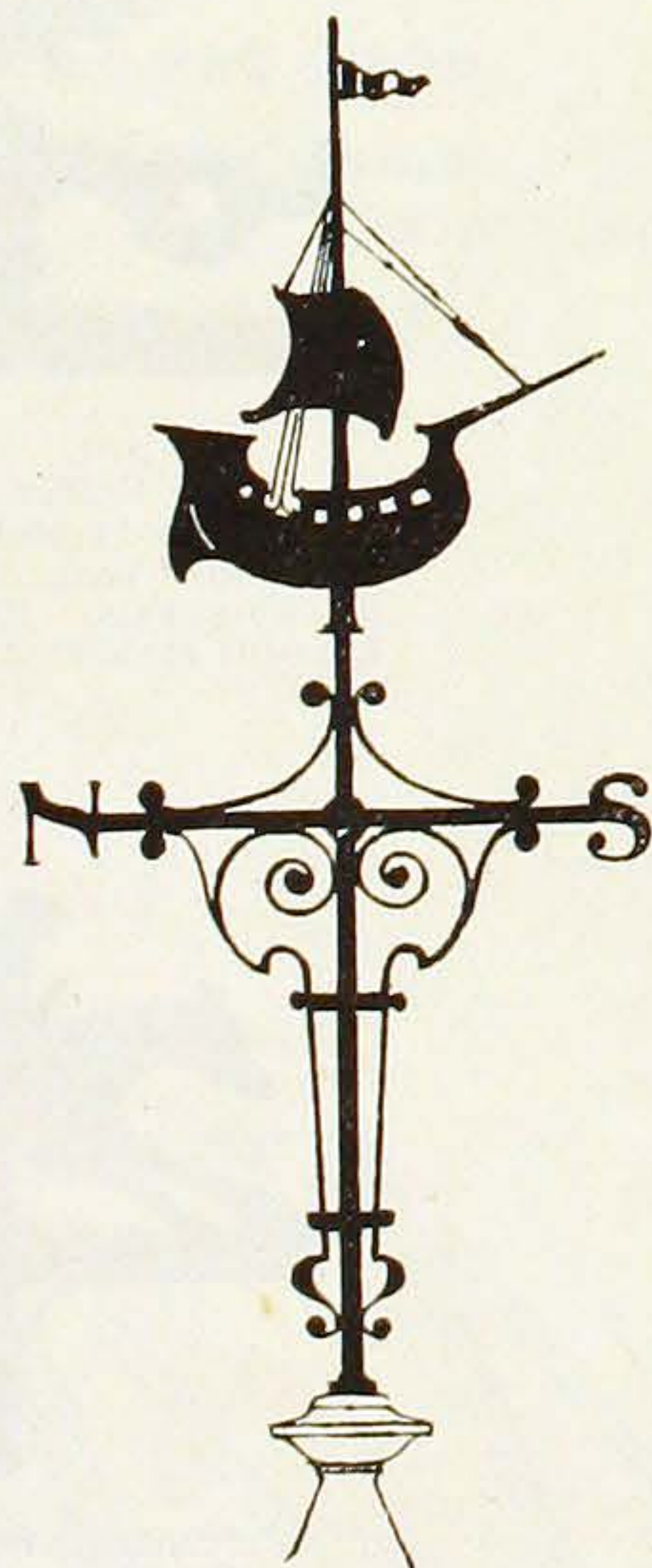
No. PHO 9188



No. PHO 9191



No. PHO 9113



No. PHO 9192



No. PHO 9189



No. PHO 9193

No. PHO 9190	Wrought Iron Weather Vane, Swan pattern, If full body, £10 15 0 If Flat, £9 7 6 each.
No. PHO 9188	" " Four-way Finial, £1 10 0 each.
No. PHO 9191	" " Weather Vane, as shewn, £8 12 6 each.
No. PHO 9113	" " " With Copper Flay, £14 12 6 each.
No. PHO 9192	" " " Ship pattern, Full Bodied, £13 2 6 If Flat, £10 10 0 each.
No. PHO 9189	" " Four-way Finial, £1 1 0 each.
No. PHO 9193	" " Weather Vane, Fox pattern, Full Bodied, £7 10 0 each. If Flat, £6 7 6 each.

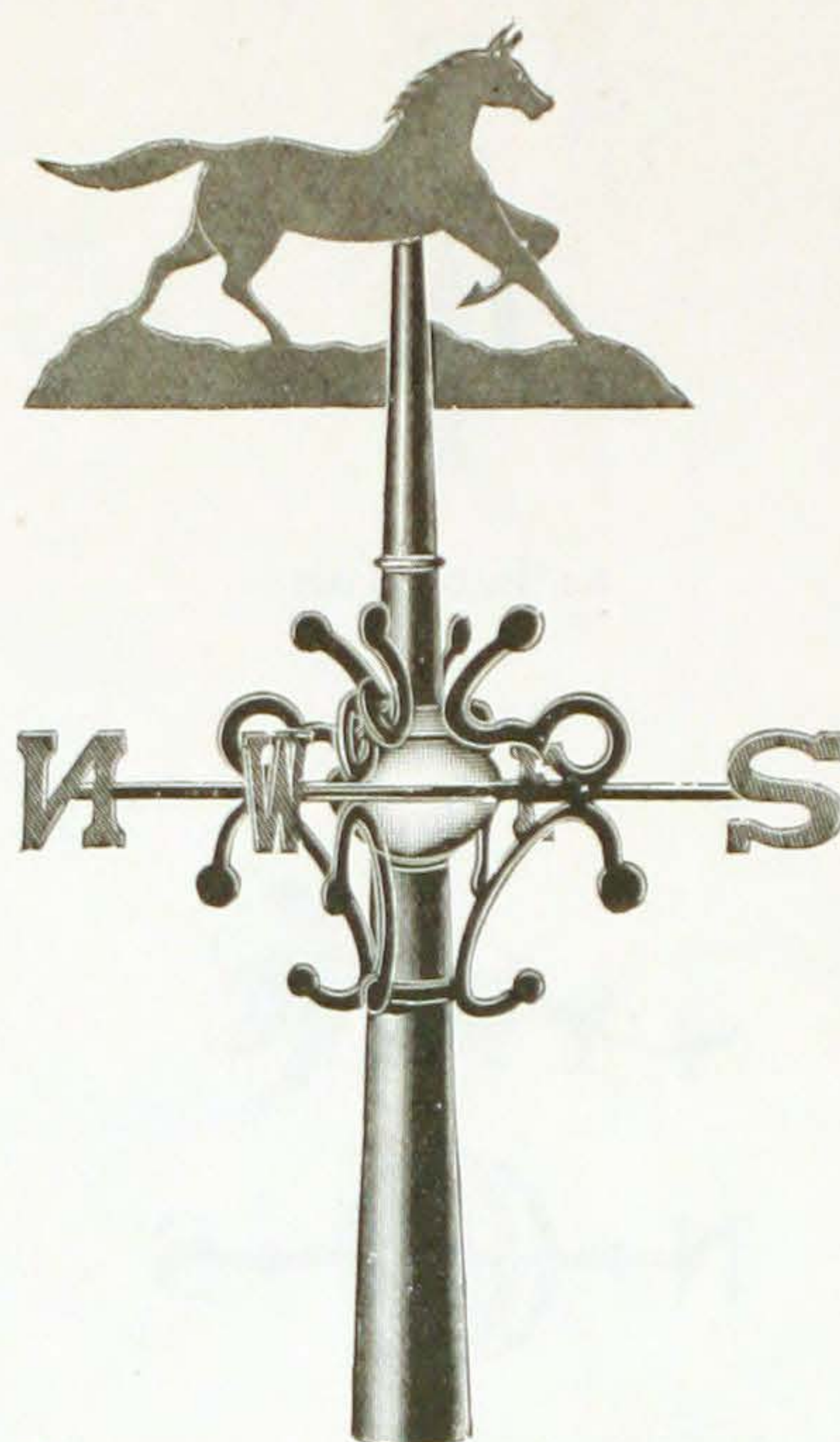
Copper and Zinc Weather Vanes

Made from Best Stout Zinc or Copper.



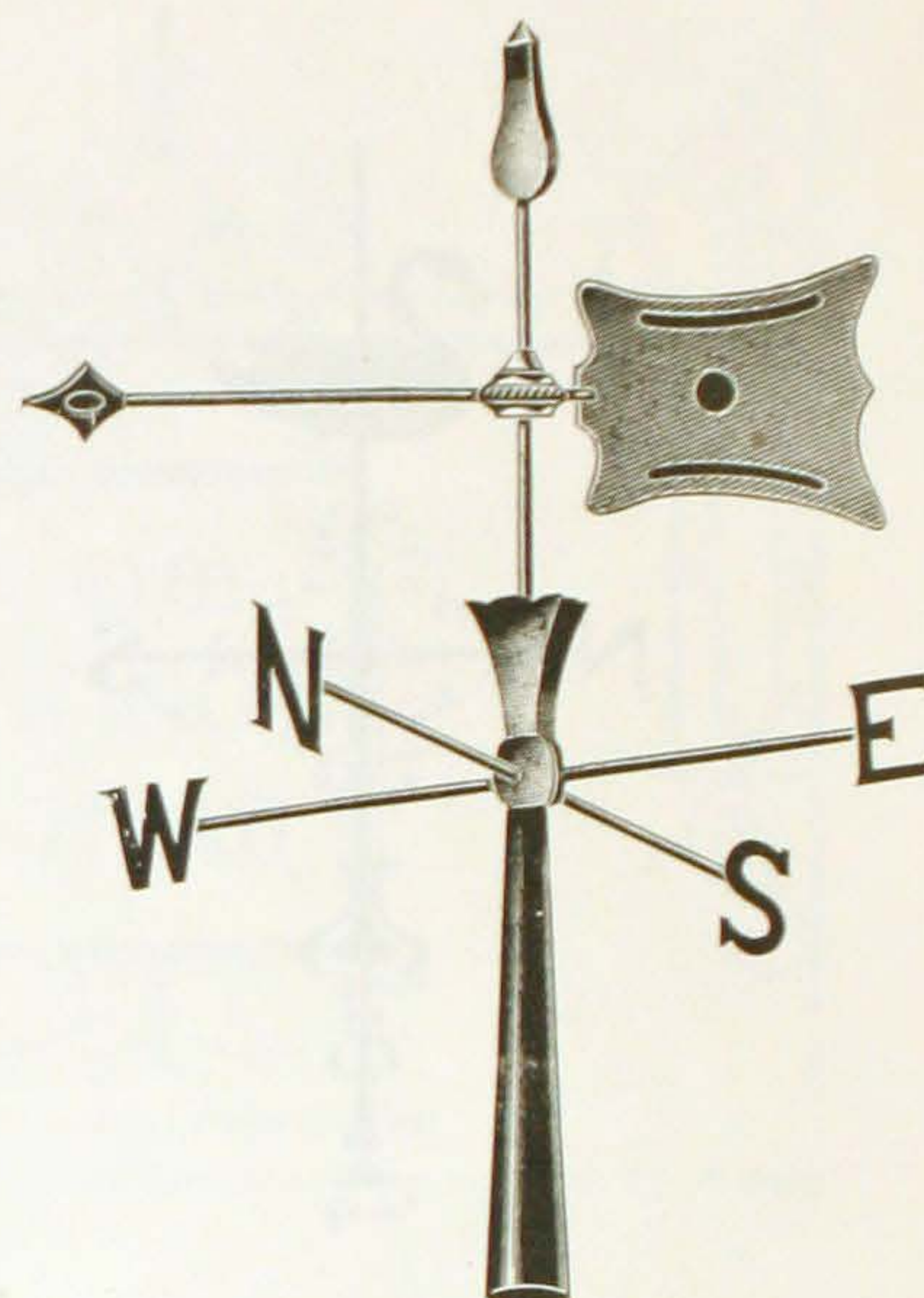
No. PHO 4106 Size 3. 4' 0" high.

Zinc, painted Green and Gilt £6 10 0
Copper, left self-colour £8 0 0



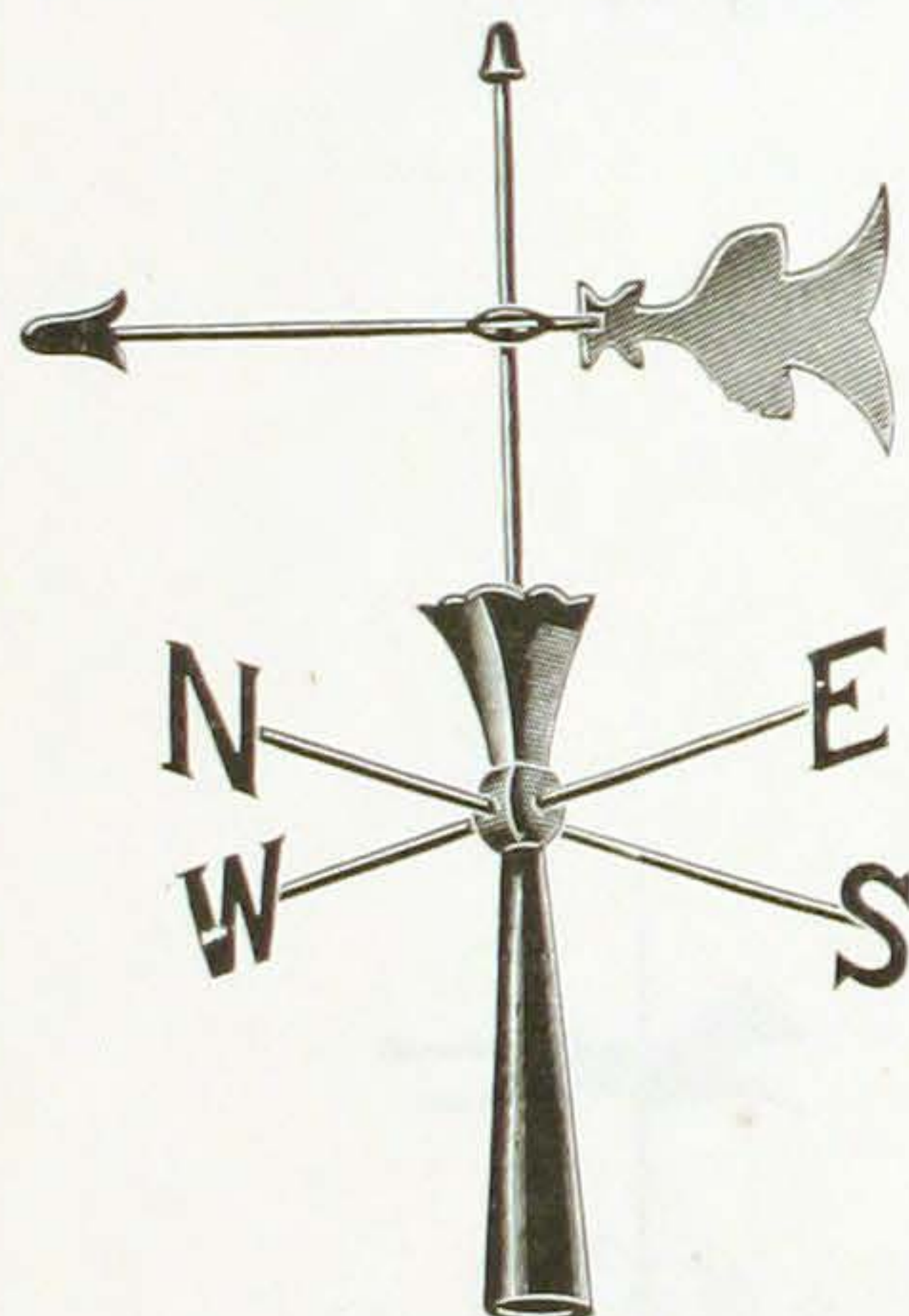
No. PHO 4105 Size 4. 6' 0" high.

Zinc, painted Green and Gilt £12 10 0
Copper, left self-colour £16 0 0



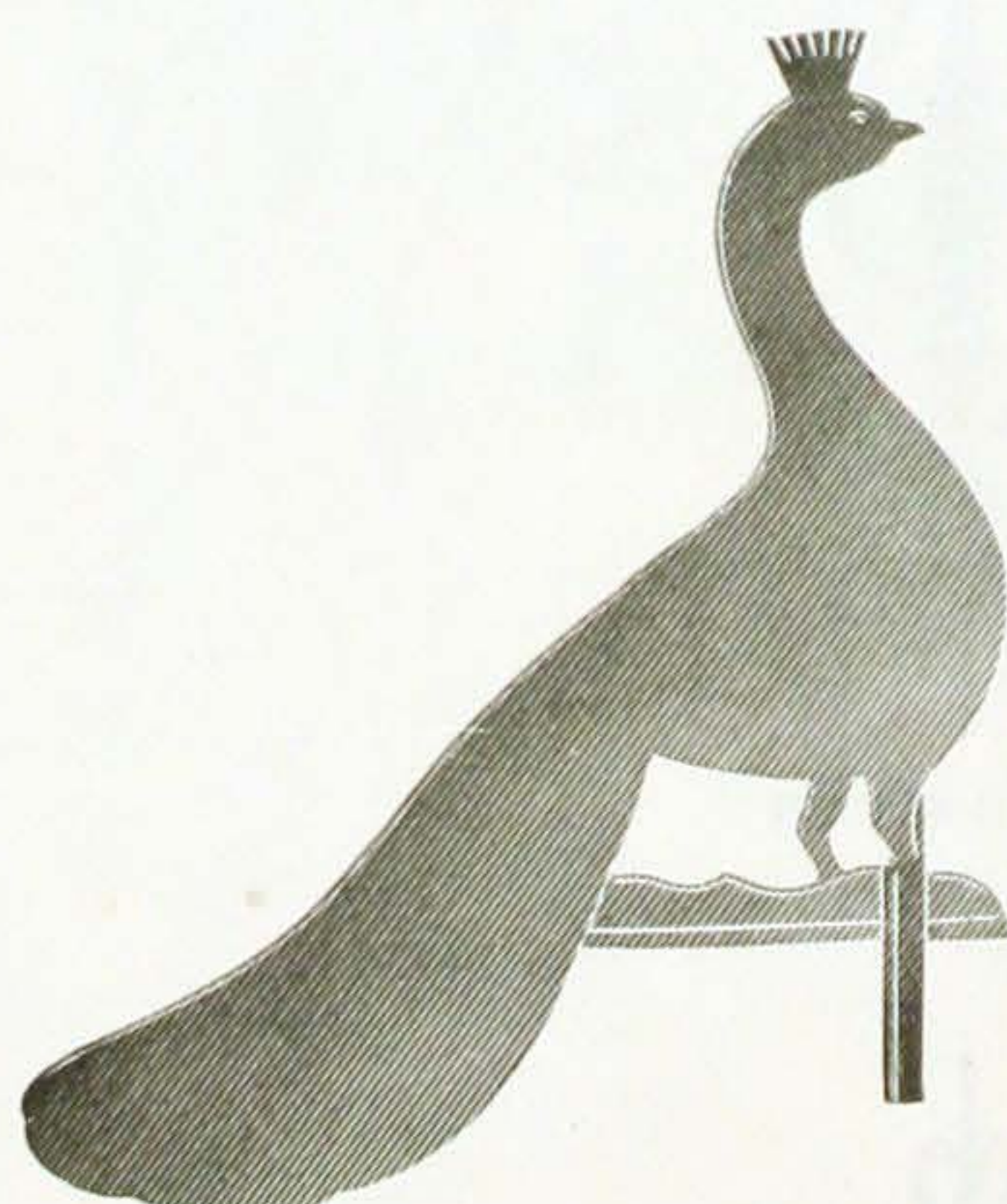
No. PHO 4108 Size 2. 3' 0" high.

Zinc Painted Green and Gilt .. £2 5 0 each.



No. PHO 4109 Size 1. 30" high.

Zinc, painted Green and Gilt.
£1 17 6 each.



Peacock, 7/6 each extra.

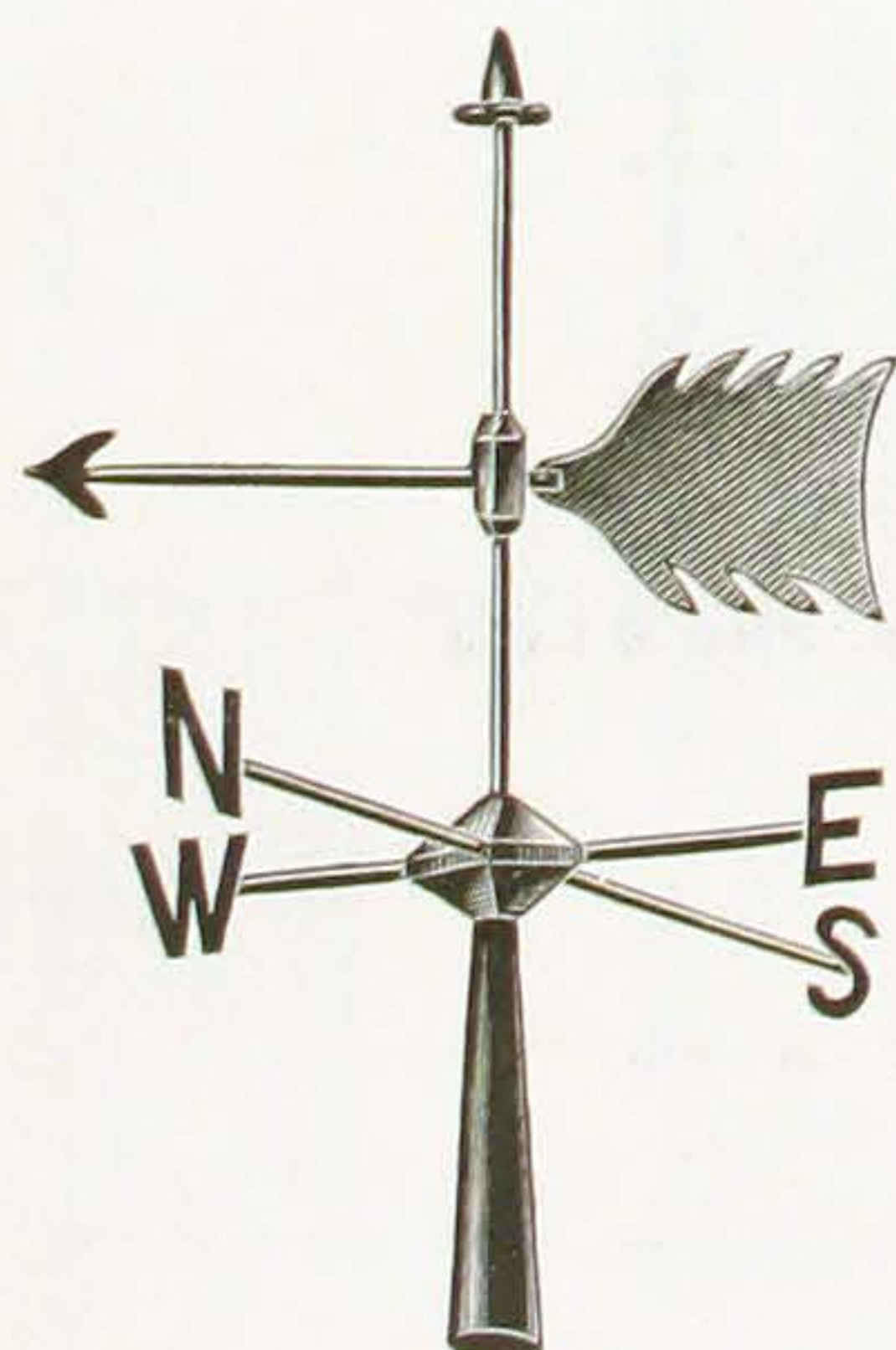
To Nos. PHO 4107, PHO 4108 and
PHO 4109.



*Suitable for Dairies



*A Welsh Griffin.—A fabulous animal with the body and legs of a lion, the wings and beak of an eagle and with listening ears. Many are the Welsh Legends attributed to this animal.



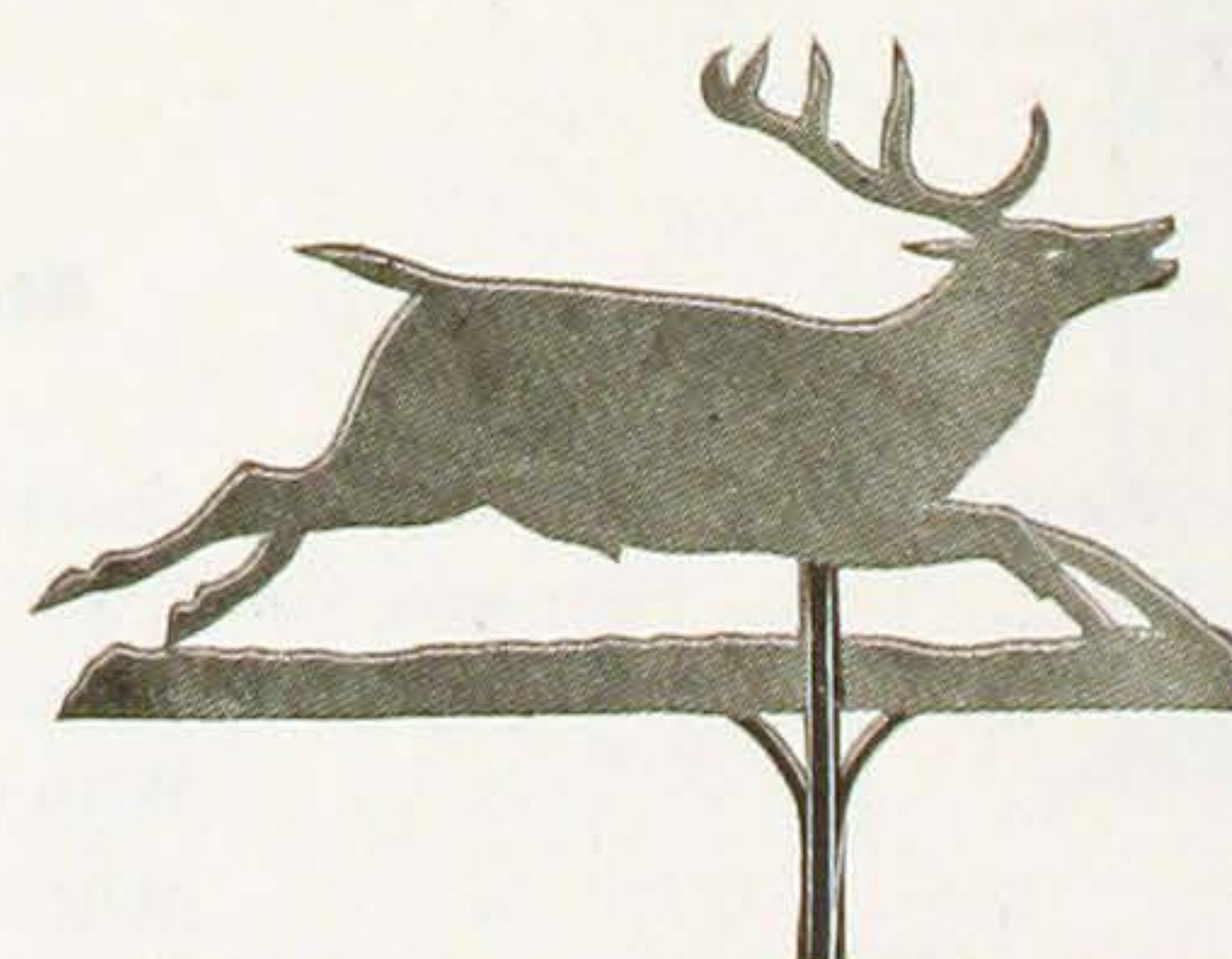
No. PHO 4107 Size 0. 2' 0" high.

Zinc painted Green and Gilt.
£1 2 6 each.



Rooster, 7/6 each extra.

To Nos. PHO 4107, PHO 4108 and
PHO 4109.



*Suitable for Hunting Lodges.



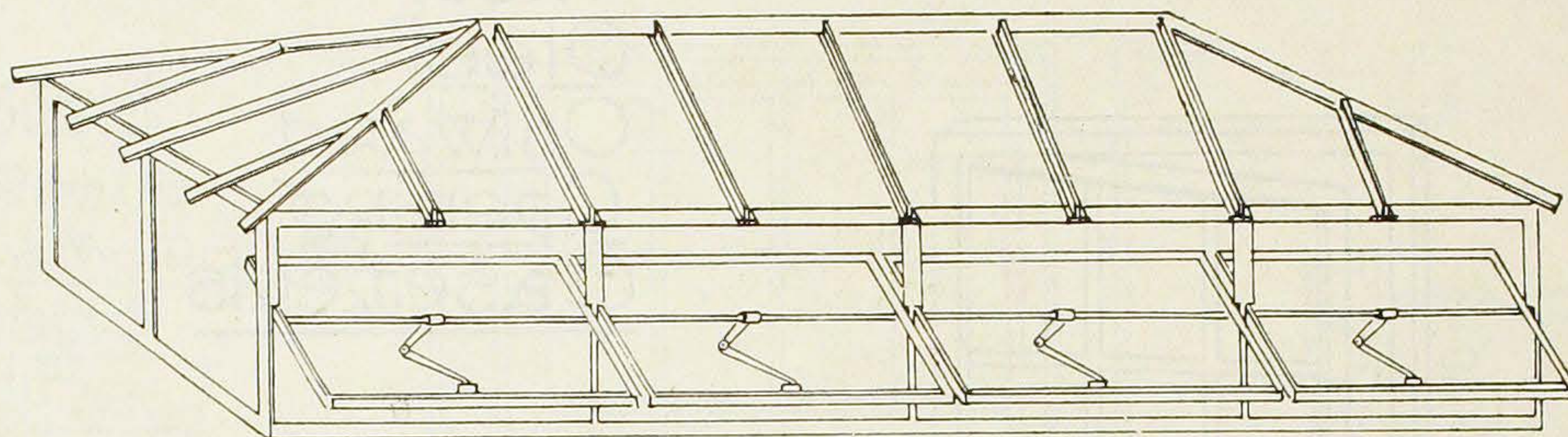
*Suitable for Race-course
Pavilions and Club Houses.



*Suitable for Kennels.

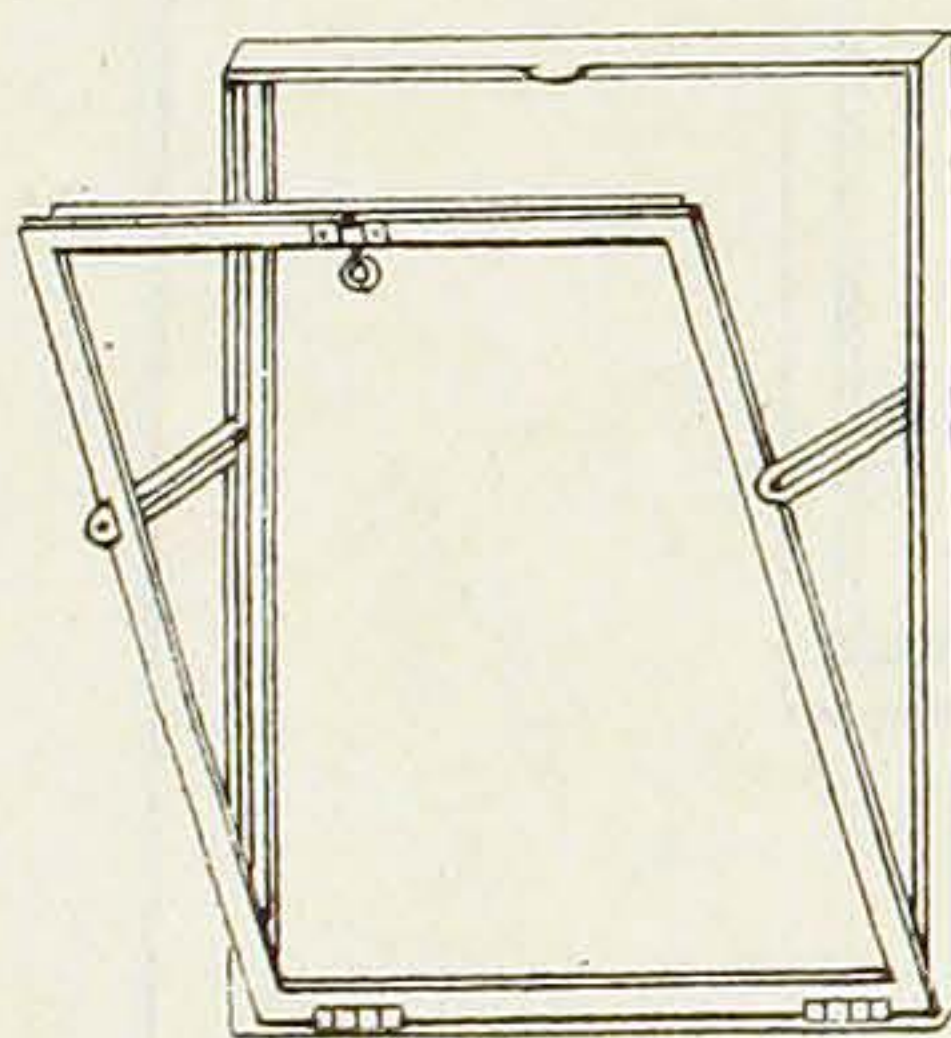
*These designs may be substituted on Nos. PHO 4105 and PHO 4106 without extra charge.

Wrought Steel Skylights, Casements, etc.



No. PHO 8025 Skylight.

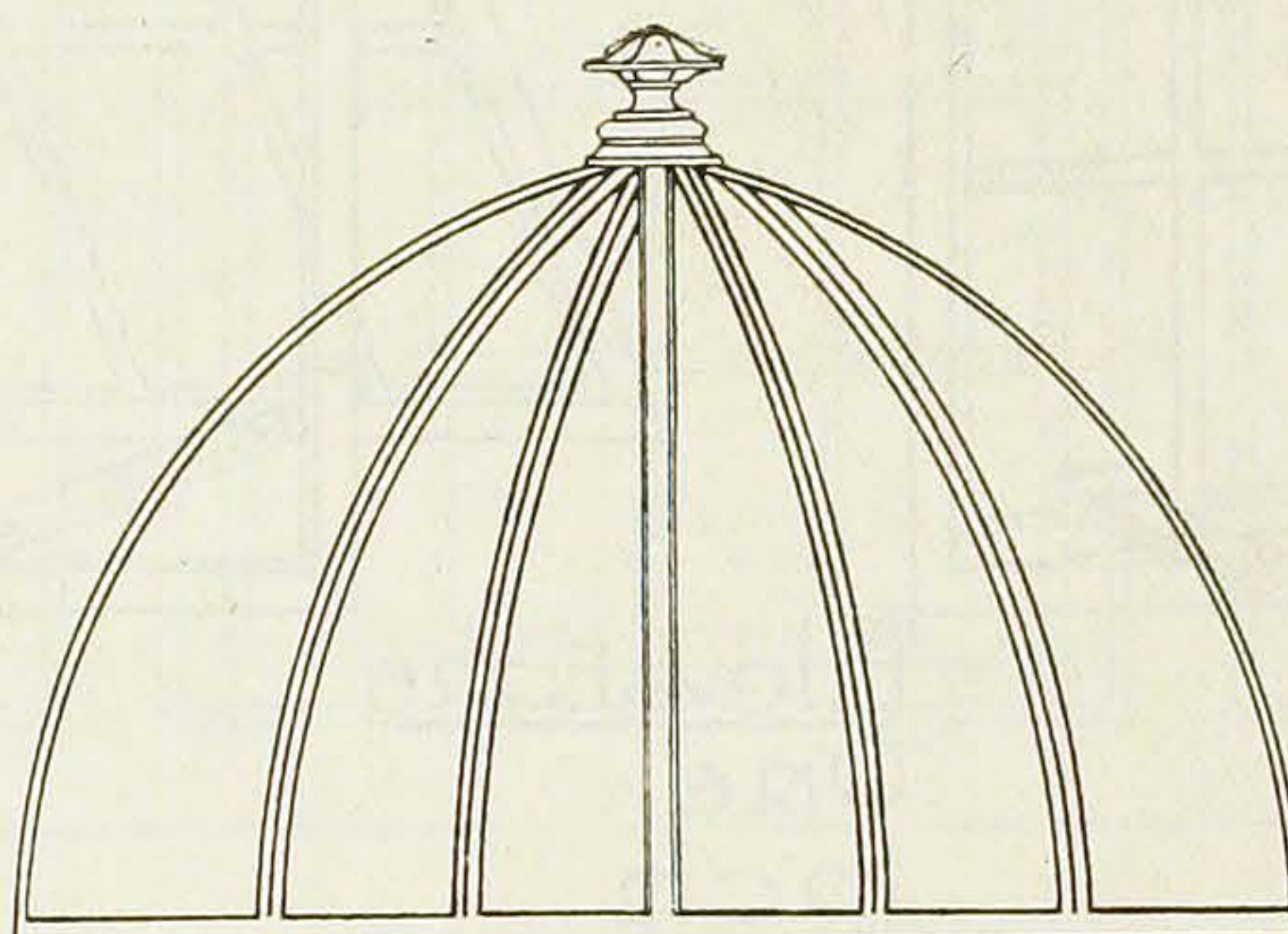
Size 8' 0" x 6' 0" with eight centre hung Casements prepared for glazing, but not including gearing. Price £29 5 0



No. PHO 8026

Fall-Back Casement.

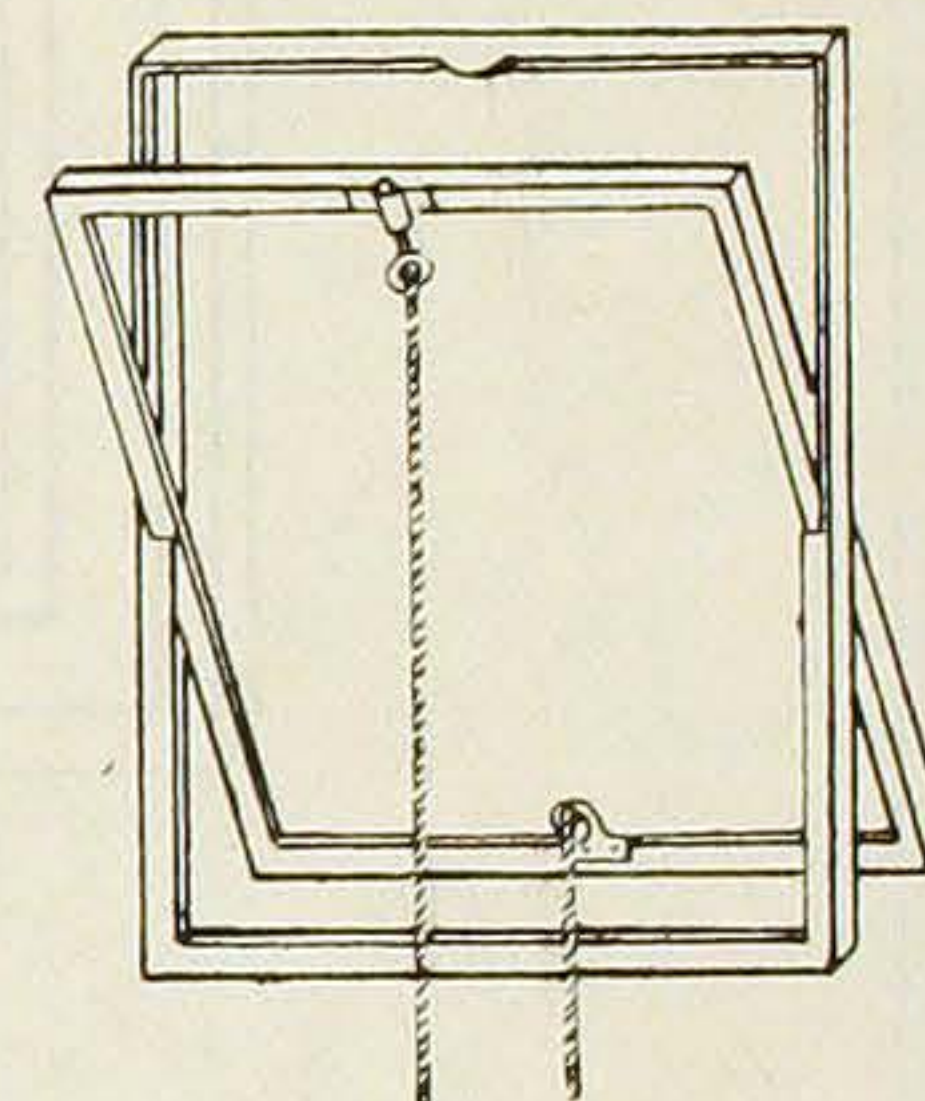
Wrought Steel up to 2' 0" high.
Price 30/- each.



No. PHO 8027

Wrought Steel Dome Light.

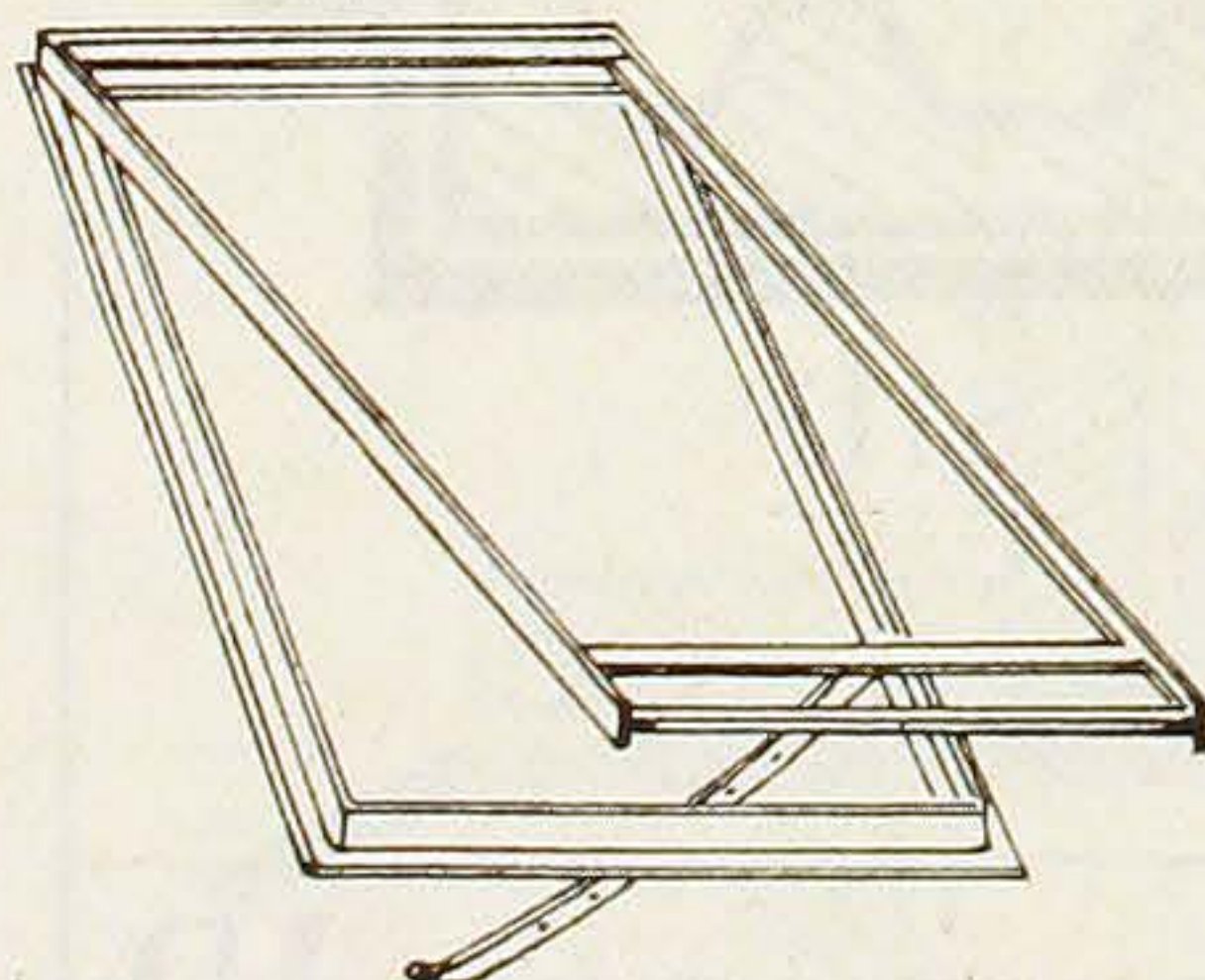
Diameter 6' 0" Price £12 15 0 each.



No. PHO 8028

Centre-Hung Casement.

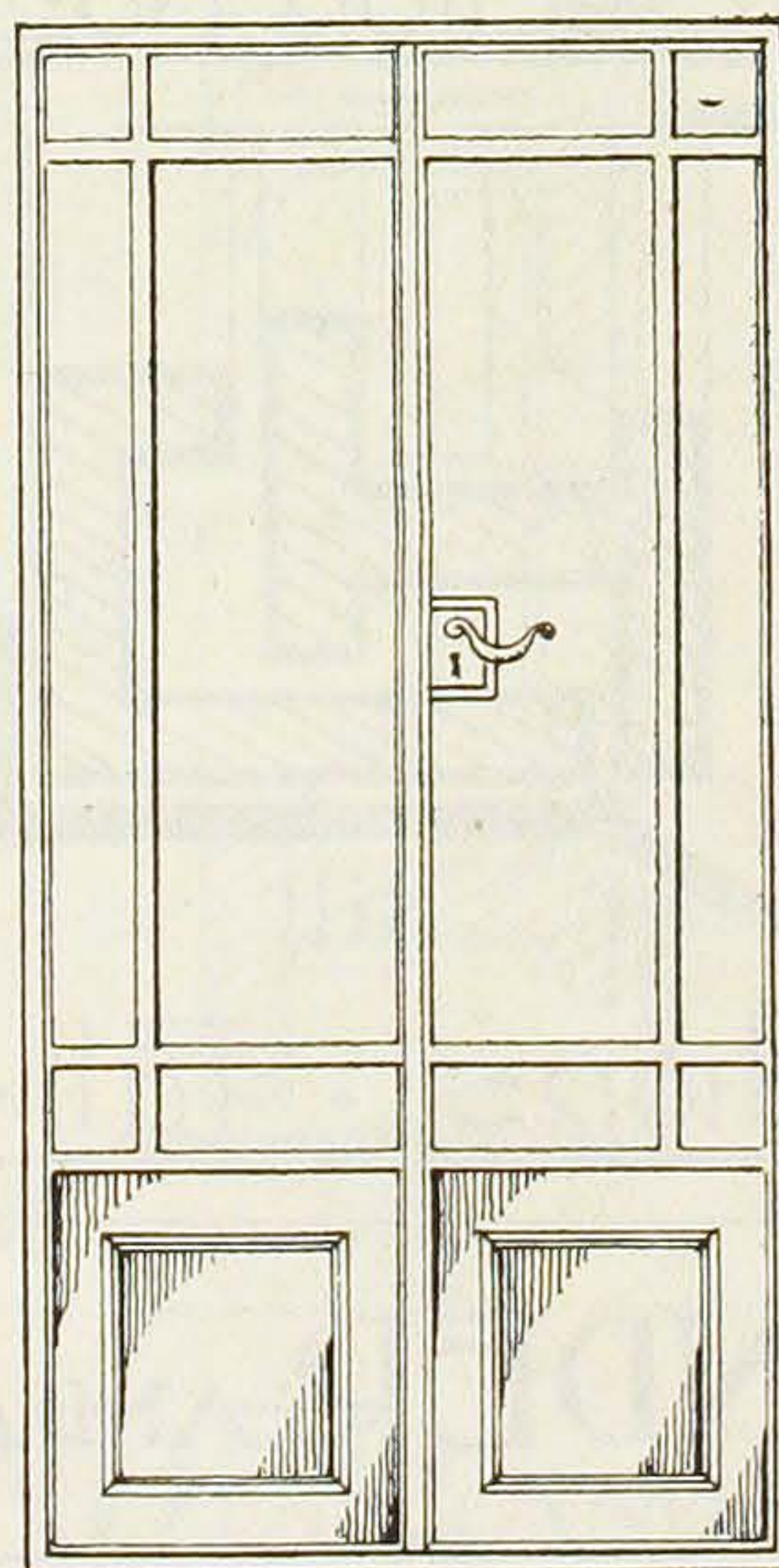
Complete with Spring Catch and Pulleys.
Up to 2' 0" x 2' 0" 28/6 each.



No. PHO 8029

Steel Skylight.

Complete with Stay.
Size 4' 0" x 2' 0" 34/6 each.

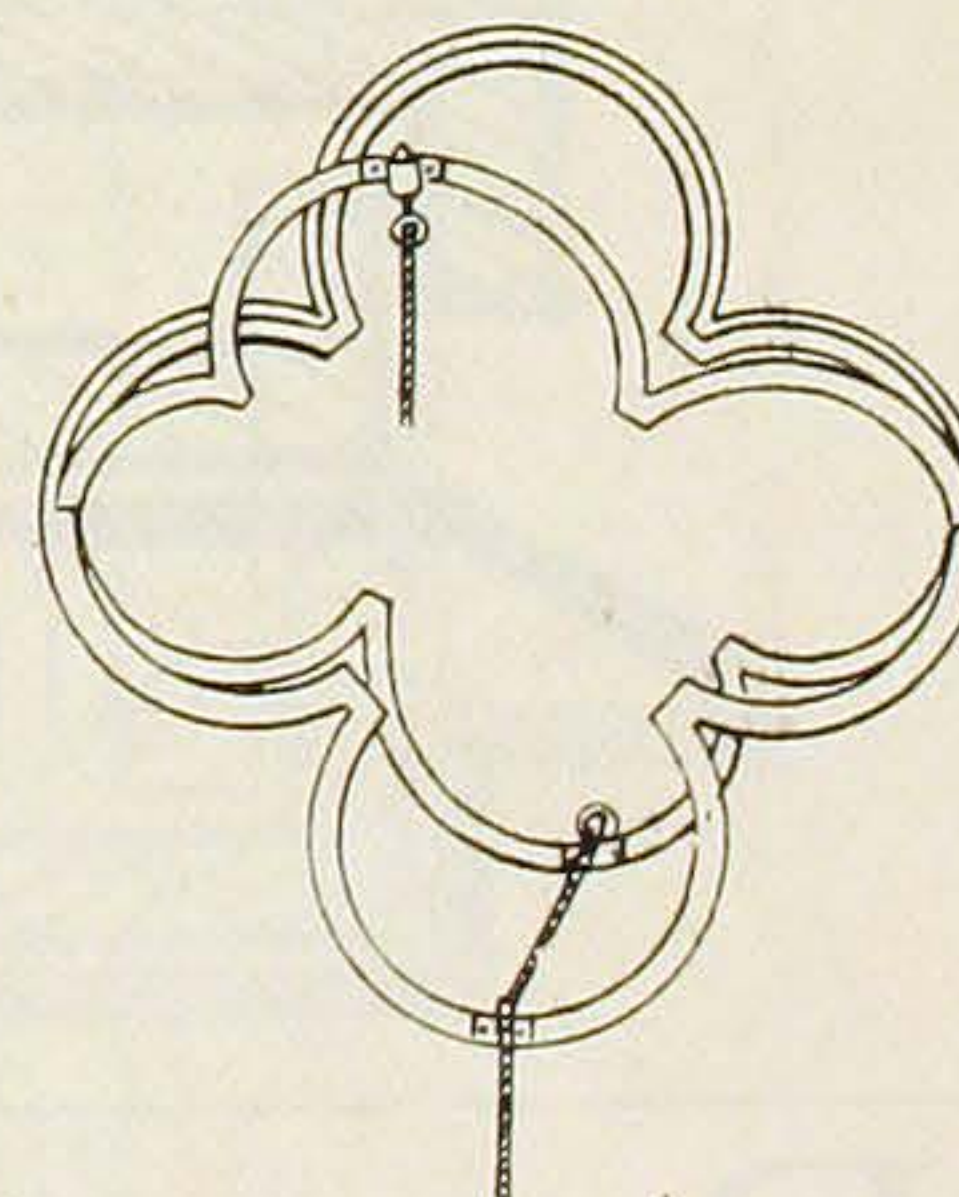


No. PHO 8030

French Windows. Complete with Lock.

Size 6' 6" high x 3' 9" wide.

£10 2 6 per pair.

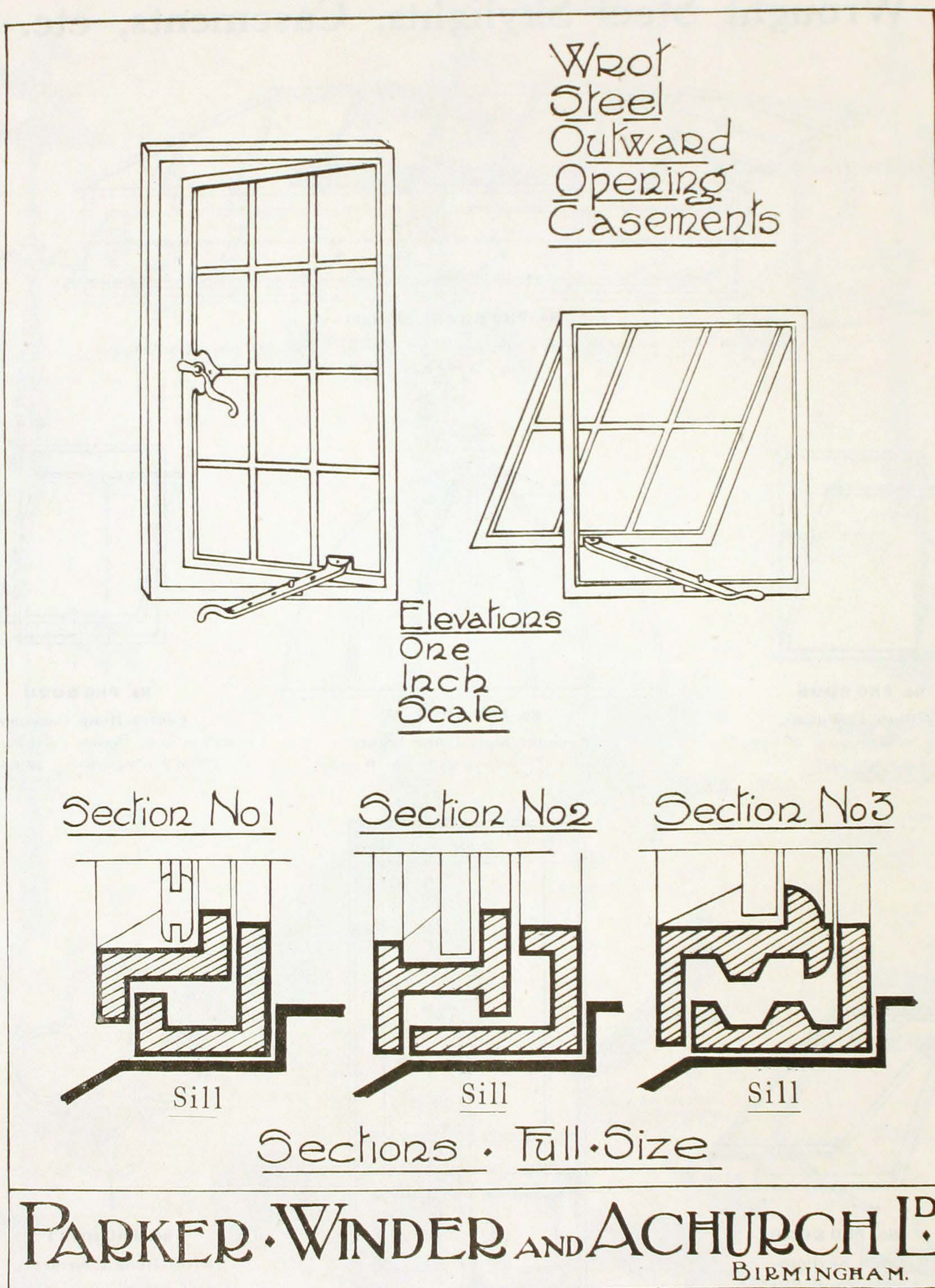


No. PHO 8031

Pivot-Hung Casement.

2' 0" high overall x 2' 0" wide overall.
Price 52/6 each.

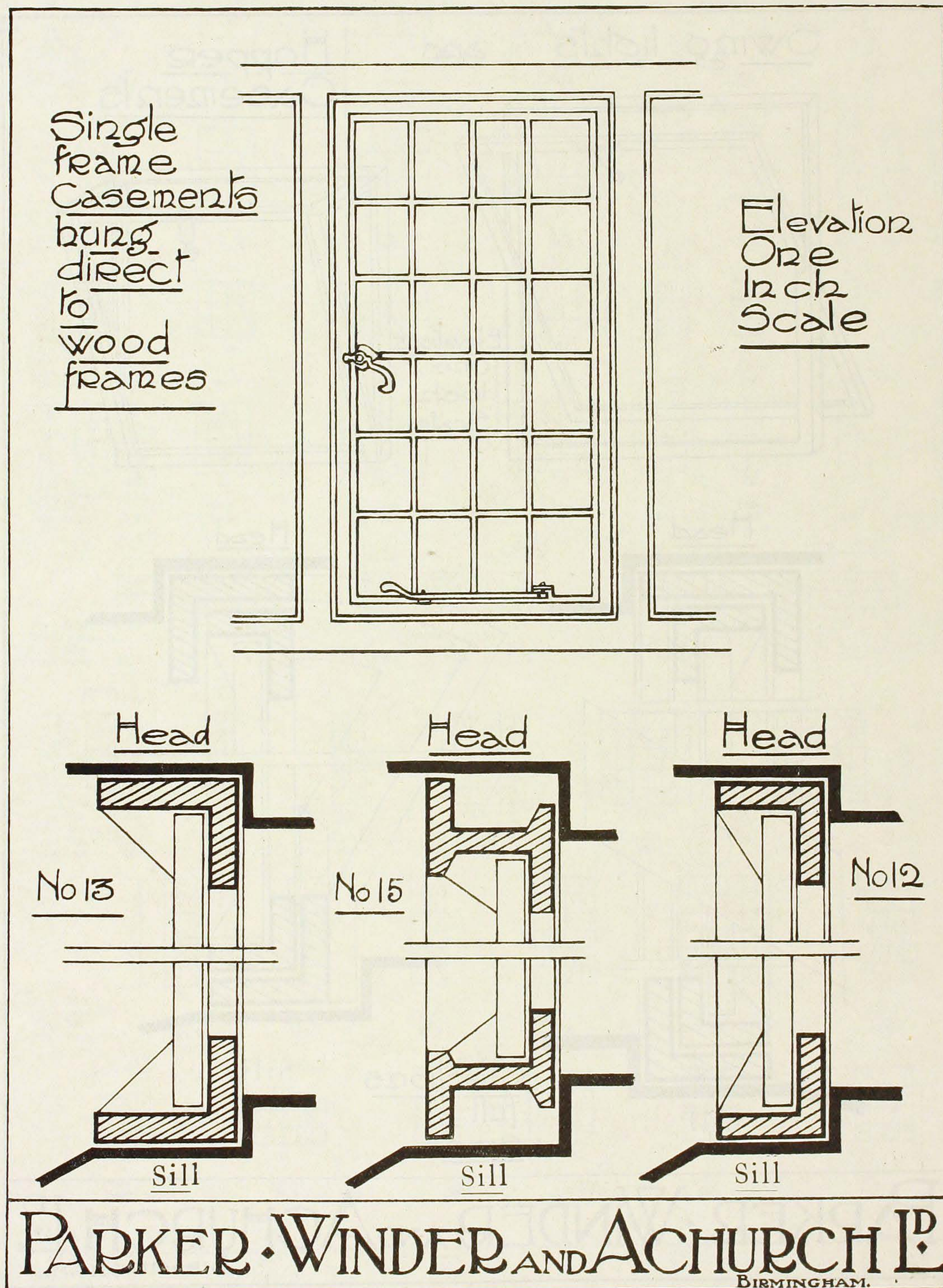
Wrought Steel Casements



No. PHO 9778	Prices, excluding glass.	Double Frame Casements, up to 3' high, Section No. 1	34/3 each.
No. PHO 9779	" " " " " " " "	" " " " " " " "	2 41/9 "
No. PHO 9780	" " " " " " " "	" " " " " " " "	3 48/3 "

Prices for Plain Glass, Leaded Lights on receipt of detailed specification.
For Ornamented Leaded Lights see Coloured Sheet facing page 176.

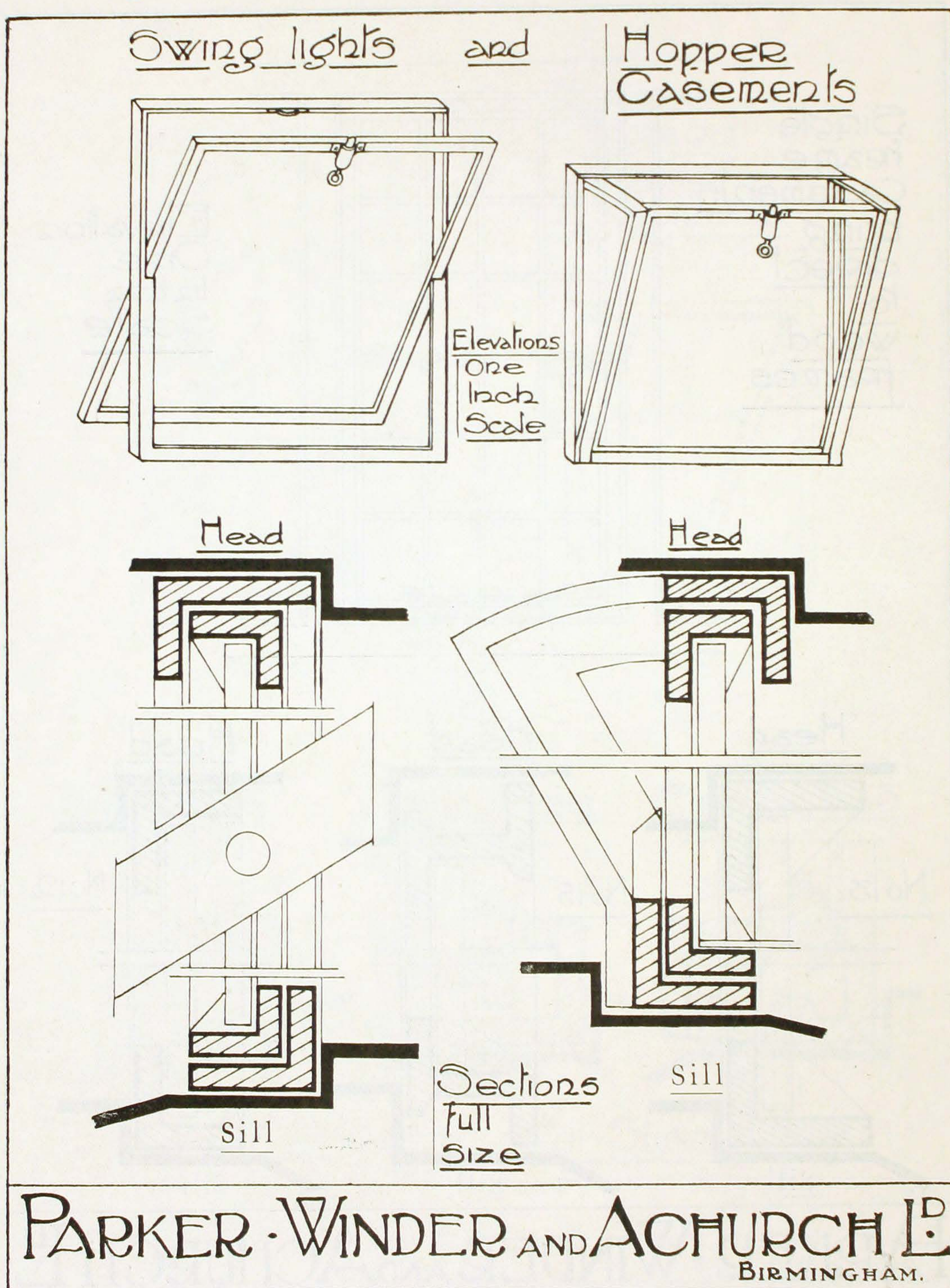
Wrought Steel Casements



No. PHO 9775	Prices, excluding glass.	Single Frame Casements up to 3' high, Section No. 12	15/9 each.
No. PHO 9776	" " " " " " " " " "	13	18/6 "
No. PHO 9777	" " " " " " " " " "	15	20/3 "

Prices for Plain Glass Leaded Lights on receipt of detailed specification.
For Ornamented Leaded Lights see Coloured Sheet facing page 176.

Wrought Steel Swing Lights and Hopper Casements



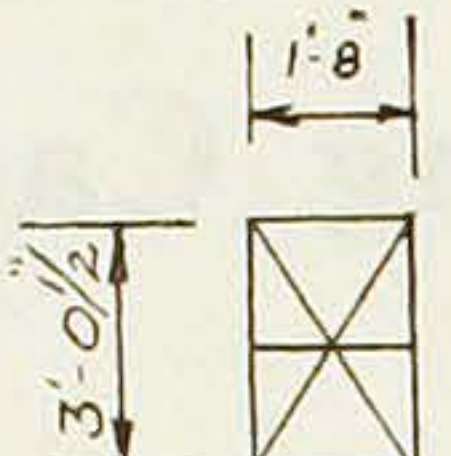
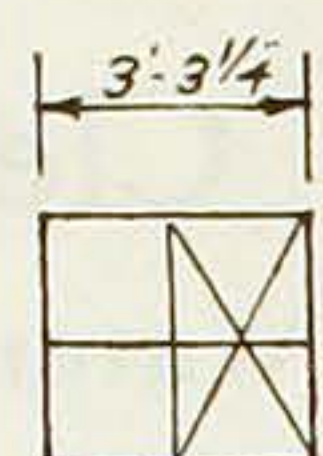
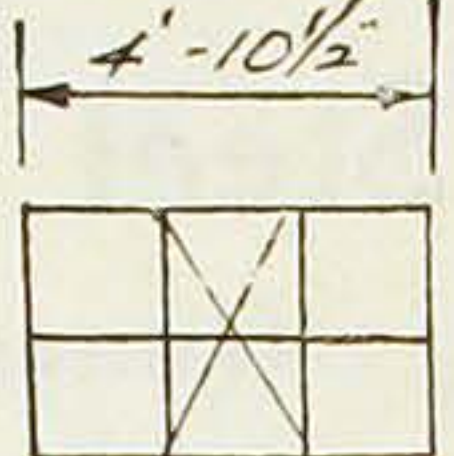
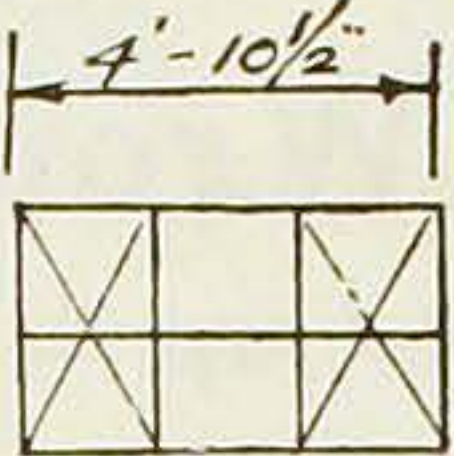
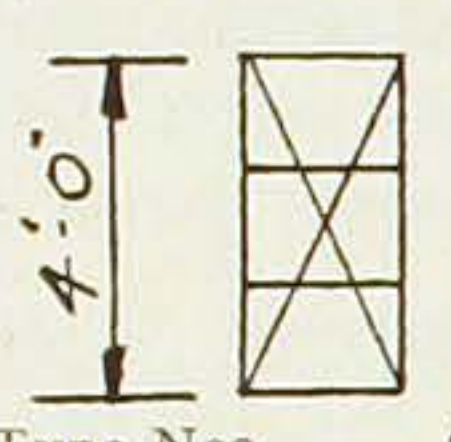
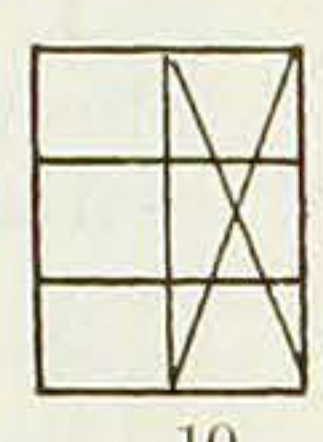
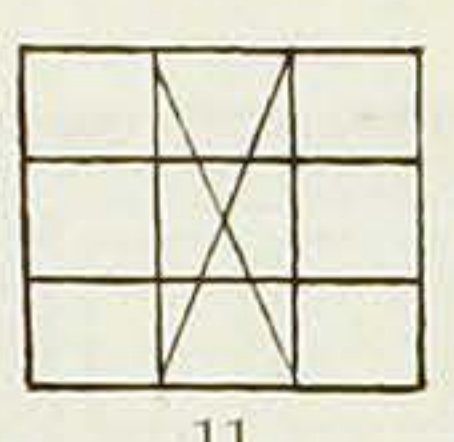
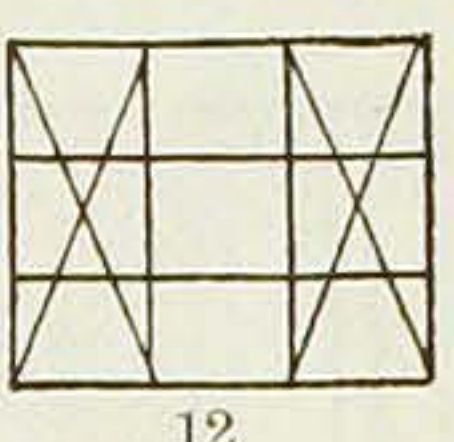
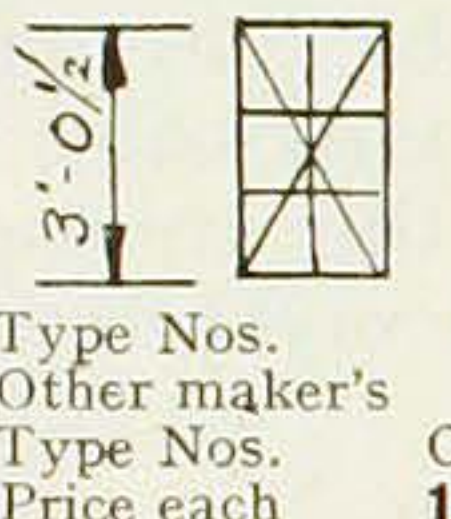
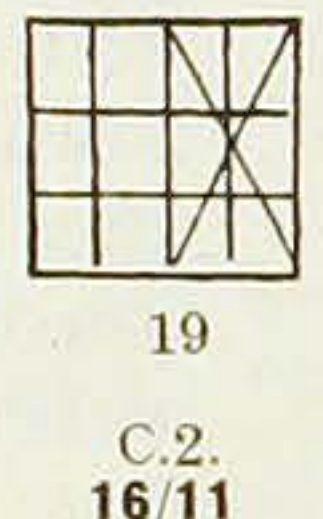
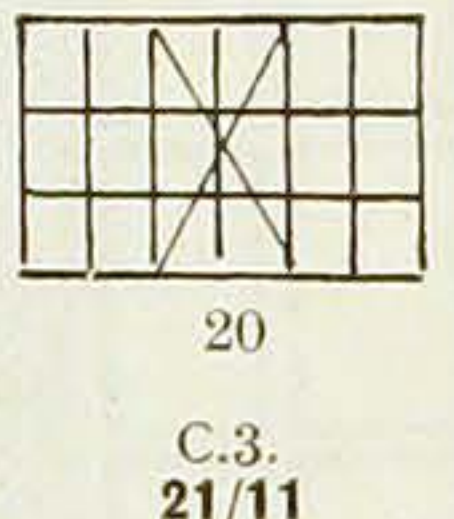
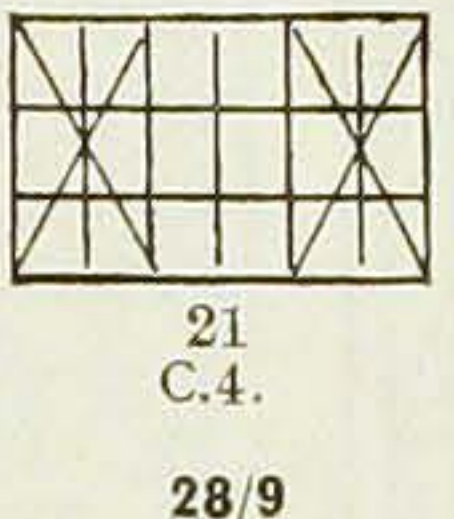
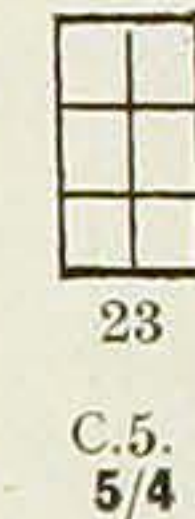
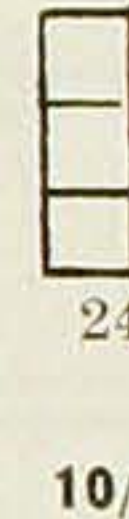
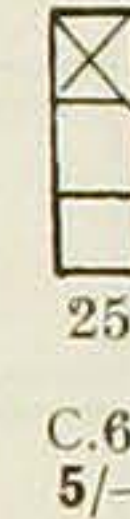
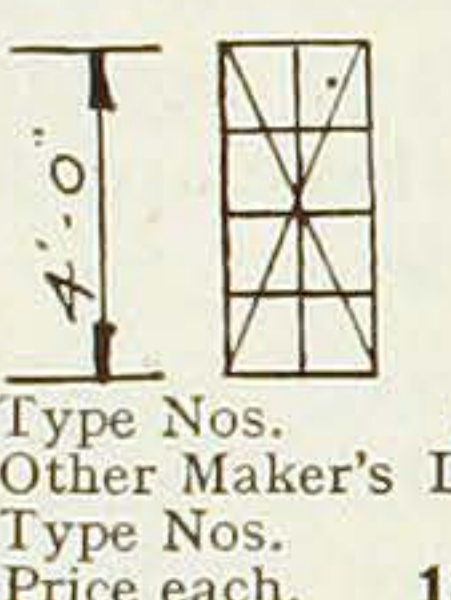
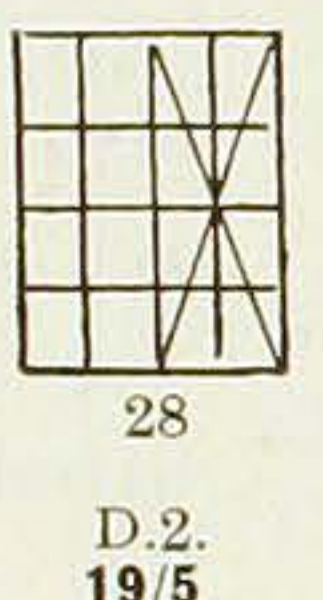
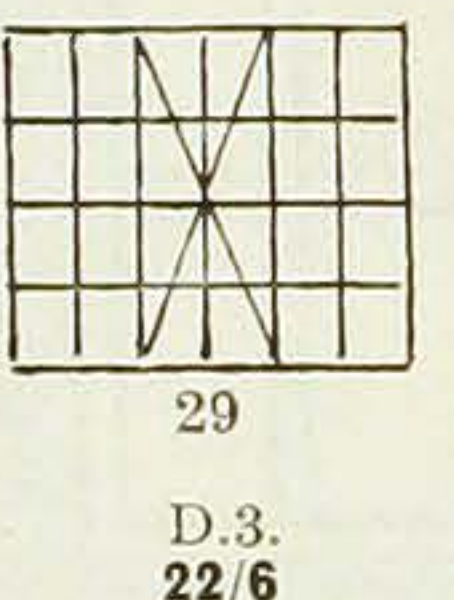
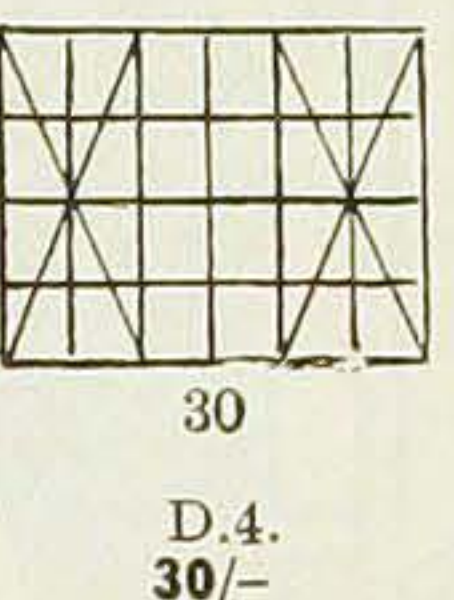
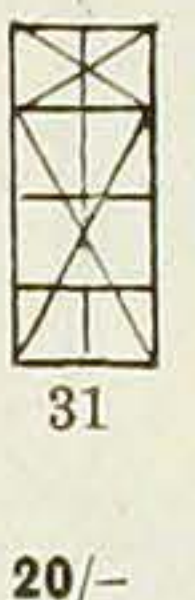
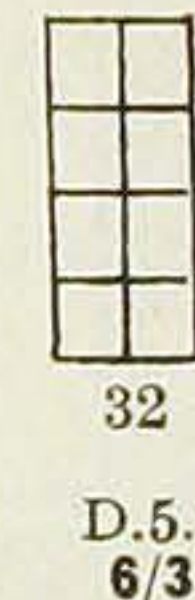
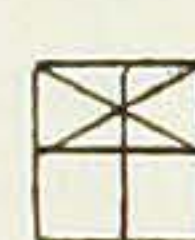
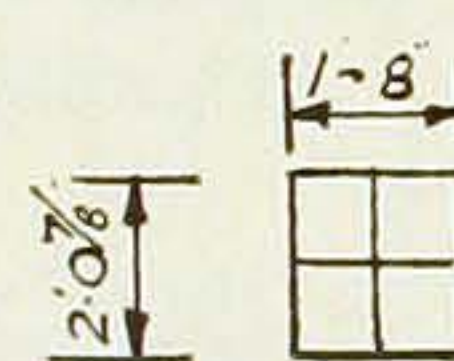
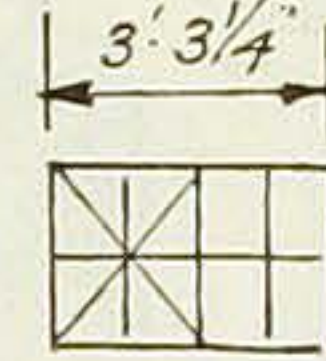
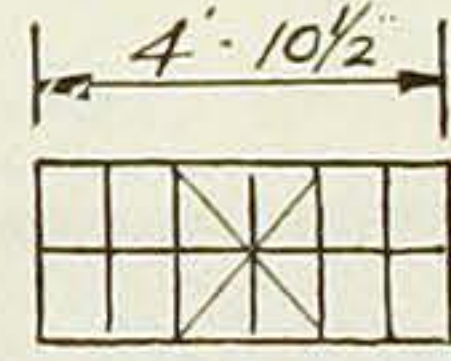
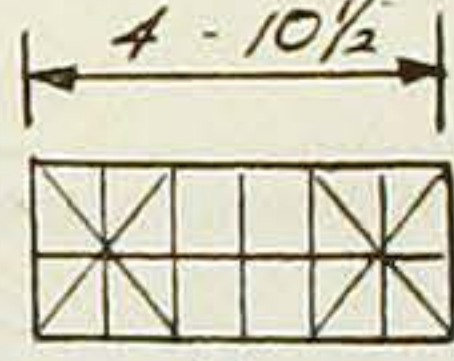
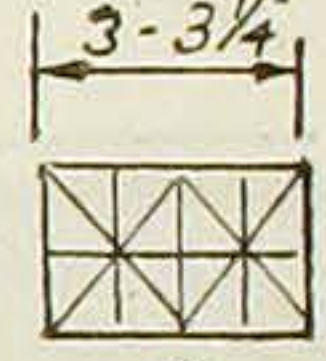
No. PHO 9770	Prices, excluding Glass.	Pivot Hung Casements up to 2' high	$1" \times \frac{3}{4}" \times \frac{3}{16}"$	29/- each.
No. PHO 9771	" " "	" " "	$1" \times \frac{3}{4}" \times \frac{1}{8}"$	25/6 "
No. PHO 9772	" " "	Hopper Casements up to 2' high	$1" \times \frac{3}{4}" \times \frac{3}{16}"$	25/6 "
No. PHO 9773	" " "	" " "	$1" \times \frac{3}{4}" \times \frac{1}{8}"$	22/9 "
No. PHO 9774	" " "	Baffler Hoppers	... ..	29/- "

Standard Metal Windows

No. PHO
9749

SIDE HUNG CASEMENTS. OPENING OUTWARDS.

Type Nos. 1 to 7,
9 to 15, 18 to 35.

 Type Nos. 1 Other maker's A.1. Price each 12/6	 Type Nos. 2 Other maker's A.2. Price each 14/5	 Type Nos. 3 Other maker's A.3. Price each 17/6	 Type Nos. 4 Other maker's A.4. Price each 26/3	 Type Nos. 5 Other maker's A.5. Price each 4/5	 Type Nos. 6 Other maker's A.6. Price each 4/1	 Type Nos. 7 Other maker's 8/5	 Type Nos. 8 Other maker's E.6. Price each 3/9
 Type Nos. 9 Other maker's B.1. Price each 13/5	 Type Nos. 10 Other maker's B.2. Price each 16/3	 Type Nos. 11 Other maker's B.3. Price each 20/8	 Type Nos. 12 Other maker's B.4. Price each 28/9	 Type Nos. 13 Other maker's B.5. Price each 5/4	 Type Nos. 14 Other maker's B.6. Price each 4/8	 Type Nos. 15 Other maker's 10/4	 Type Nos. 16 Other maker's 8/2
 Type Nos. 18 Other maker's C.1. Price each 12/2	 Type Nos. 19 Other maker's C.2. Price each 16/11	 Type Nos. 20 Other maker's C.3. Price each 21/11	 Type Nos. 21 Other maker's C.4. Price each 28/9	 Type Nos. 22 Other maker's C.5. Price each 5/4	 Type Nos. 23 Other maker's C.6. Price each 5/-	 Type Nos. 24 Other maker's 10/8	 Type Nos. 25 Other maker's 8/2
 Type Nos. 27 Other maker's D.1. Price each 13/2	 Type Nos. 28 Other maker's D.2. Price each 19/5	 Type Nos. 29 Other maker's D.3. Price each 22/6	 Type Nos. 30 Other maker's D.4. Price each 30/-	 Type Nos. 31 Other maker's D.5. Price each 6/3	 Type Nos. 32 Other maker's D.6. Price each 5/4	 Type Nos. 33 Other maker's 10/8	 Type Nos. 34 Other maker's 12/2
 Type Nos. 36 Other maker's E.5. Price each 13/9	 Type Nos. 37 Other maker's E.6. Price each 4/5	 Type Nos. 38 Other maker's E.1. Price each 10/8	 Type Nos. 39 Other maker's E.2. Price each 13/5	 Type Nos. 40 Other maker's E.3. Price each 16/11	 Type Nos. 41 Other maker's E.4. Price each 23/2	 Type Nos. 42 Other maker's E.7. Price each 22/6	

COMPOSITE AND TOP HUNG TYPES WITH VENT OPENING OUTWARDS.

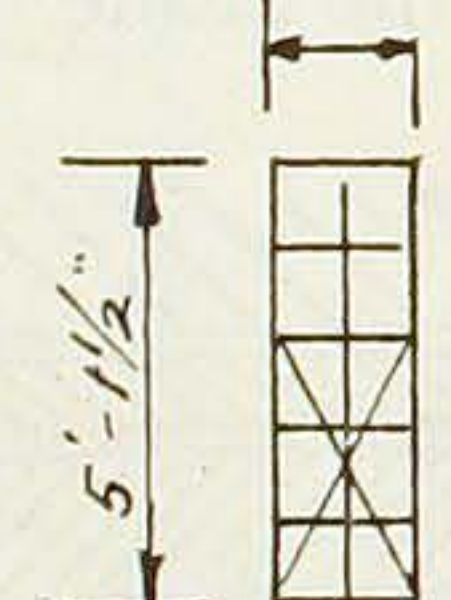
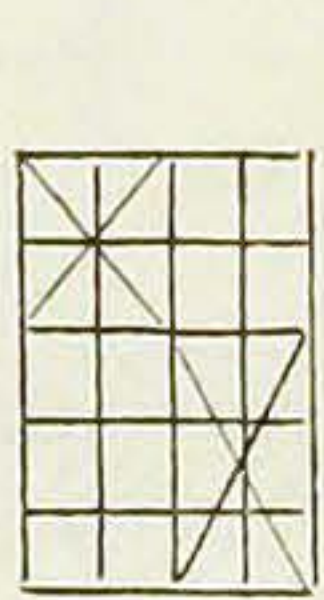
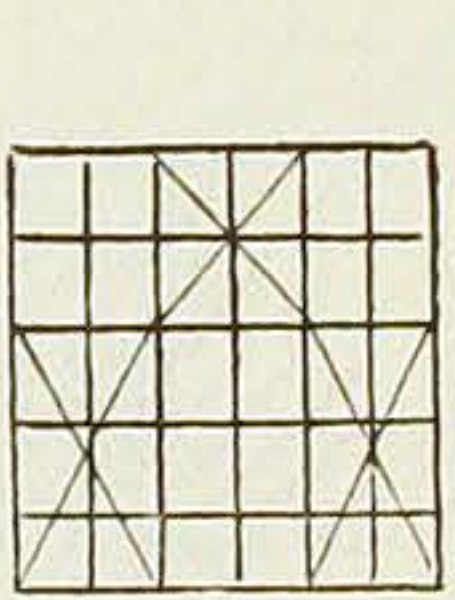
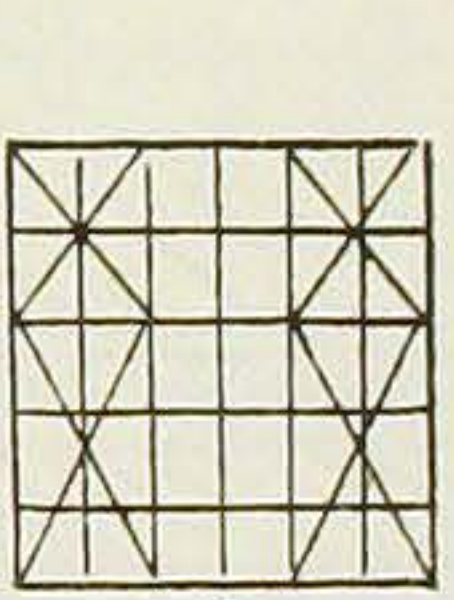
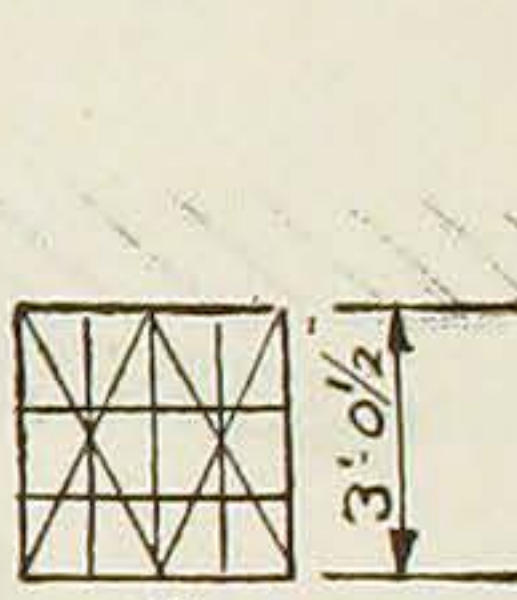
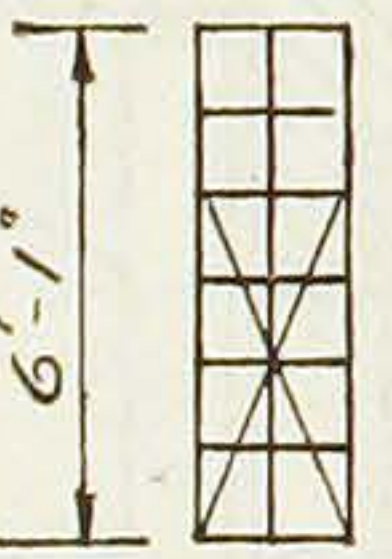
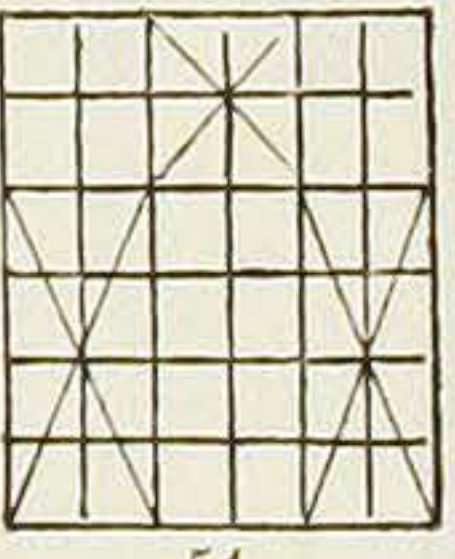
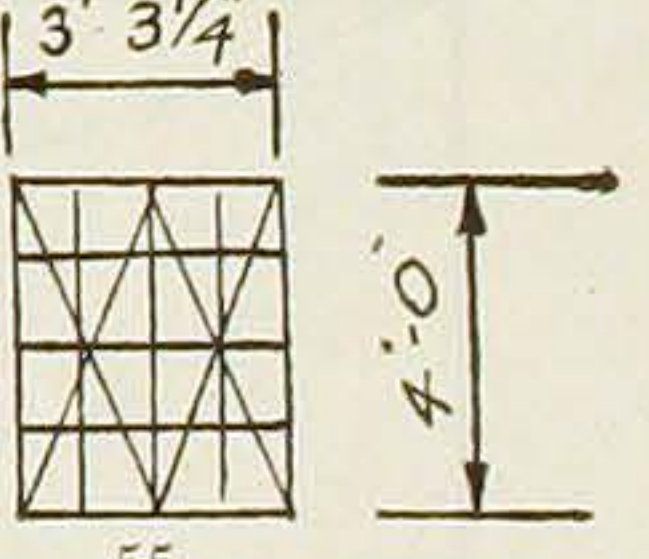
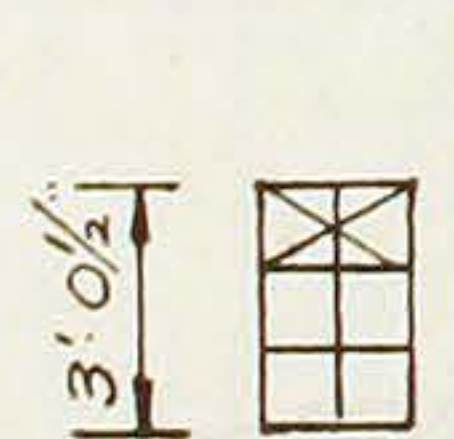
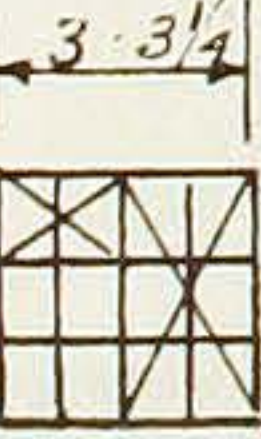
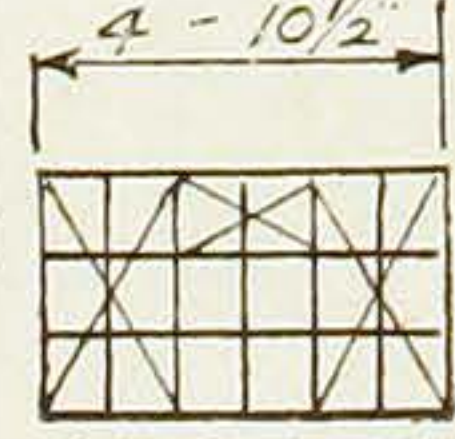
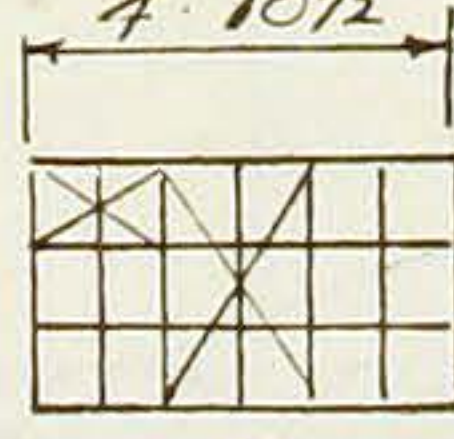
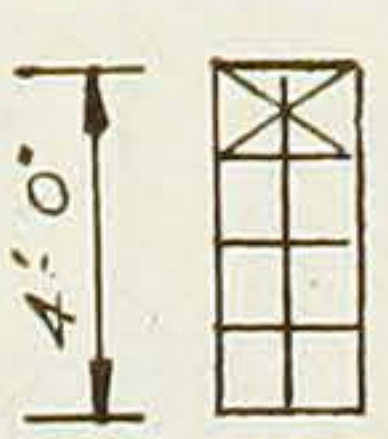
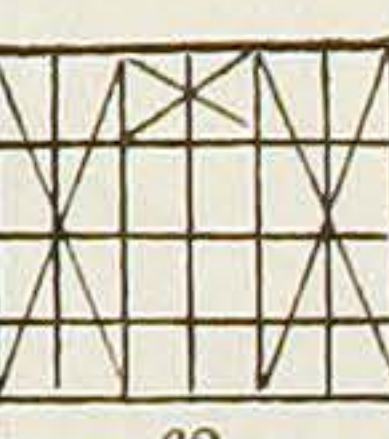
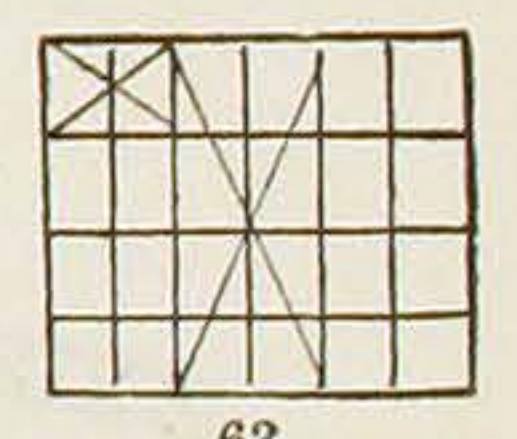
Type Nos. 8, 16, 17,
36 to 55.

SIDE HUNG TYPES WITH NIGHT VENTILATORS.

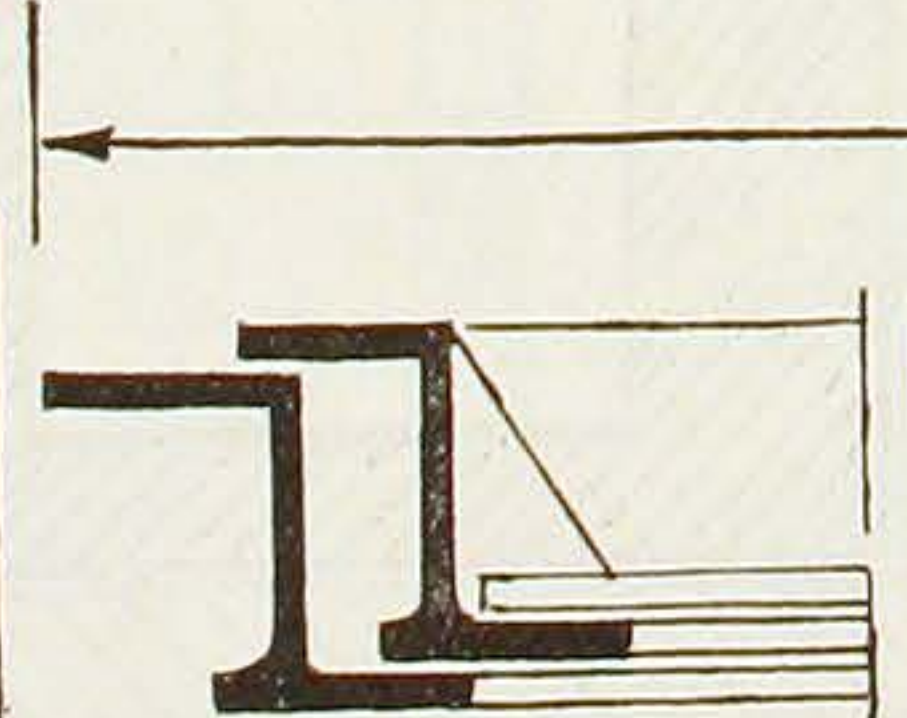
Type Nos. 56 to 63.

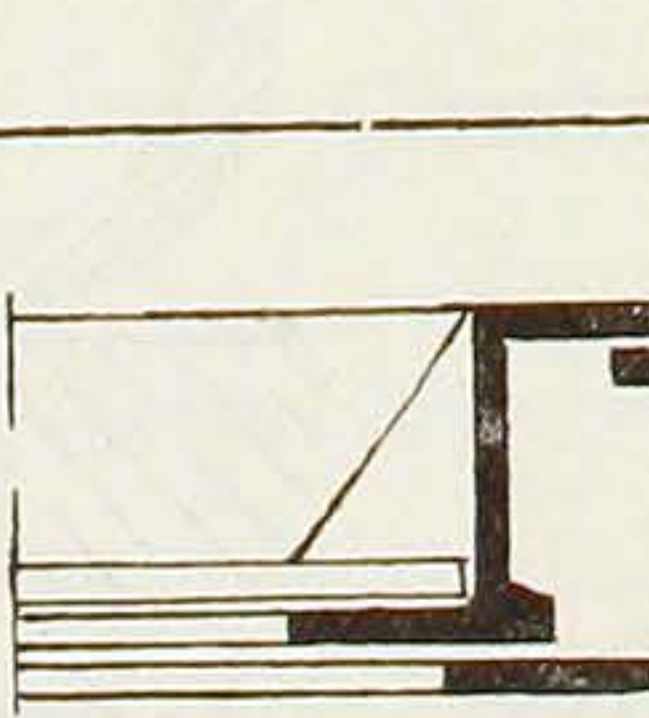
FITTINGS.

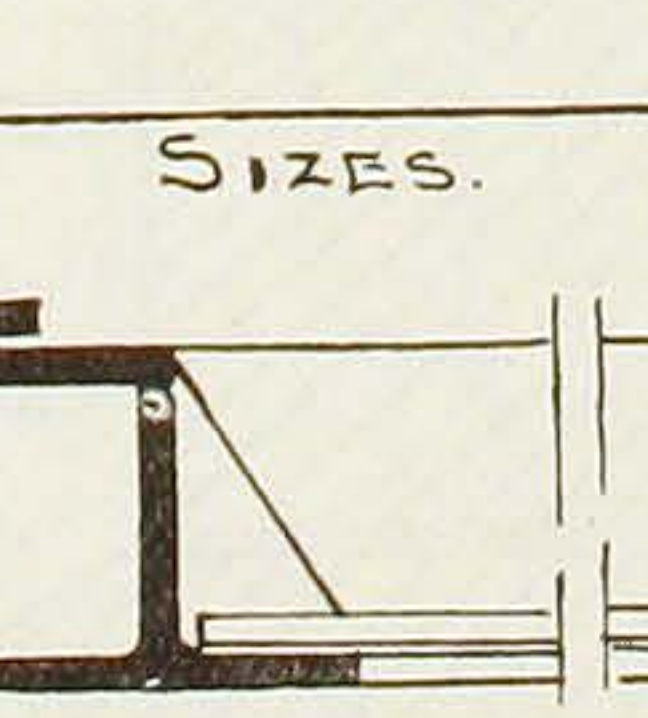
These are screwed direct to Frame, are interchangeable, easily renewable, and have no welded portions.

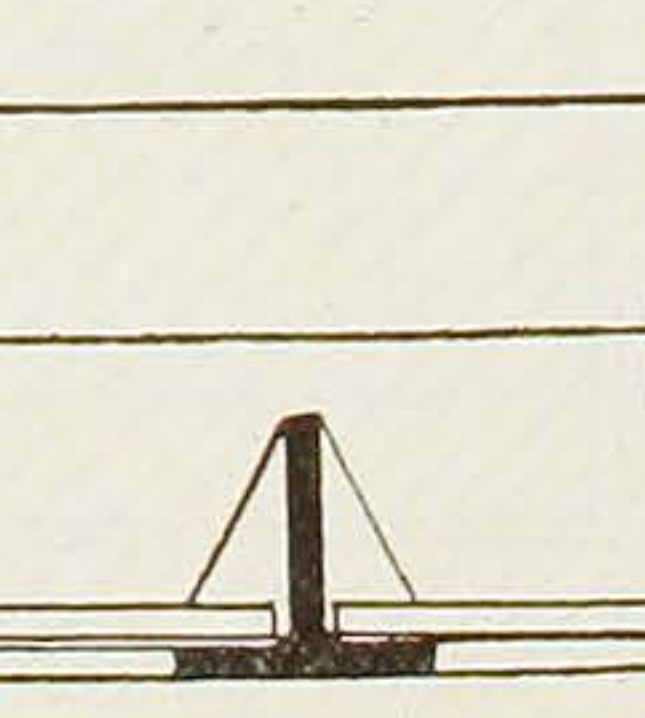
 Type Nos. 43 Other maker's E.5.C.1. Price each 19/1	 Type Nos. 44 Other maker's E.1.C.5. Price each 17/2	 Type Nos. 45 Other maker's E.1.C.1. Price each 25/-	 Type Nos. 46 Other maker's E.2.C.2. Price each 35/8	 Type Nos. 47 Other maker's E.3.C.4. Price each 50/-	 Type Nos. 48 Other maker's E.4.C.4. Price each 60/8	 Type Nos. 49 Other maker's C.7. Price each 23/9
 Type Nos. 50 Other maker's E.5.D.1. Price each 21/3	 Type Nos. 51 Other maker's E.1.D.5. Price each 20/-	 Type Nos. 52 Other maker's E.1.D.1. Price each 27/6	 Type Nos. 53 Other maker's E.2.D.2. Price each 37/6	 Type Nos. 54 Other maker's E.3.D.4. Price each 53/2	 Type Nos. 55 Other maker's D.7. Price each 26/3	
 Type Nos. 56 Other maker's C.5.F. Price each 11/11	 Type Nos. 57 Other maker's C.2.F. Price each 23/9	 Type Nos. 58 Other maker's C.4.F. Price each 34/5	 Type Nos. 59 Other maker's C.3.F. Price each 28/2	 Type Nos. 60 Other maker's D.5.F. Price each 12/10	 Type Nos. 61 Other maker's D.2.F. Price each 25/-	 Type Nos. 62 Other maker's D.4.F. Price each 35/8
					 Type Nos. 63 Other maker's D.3.F. Price each 29/5	

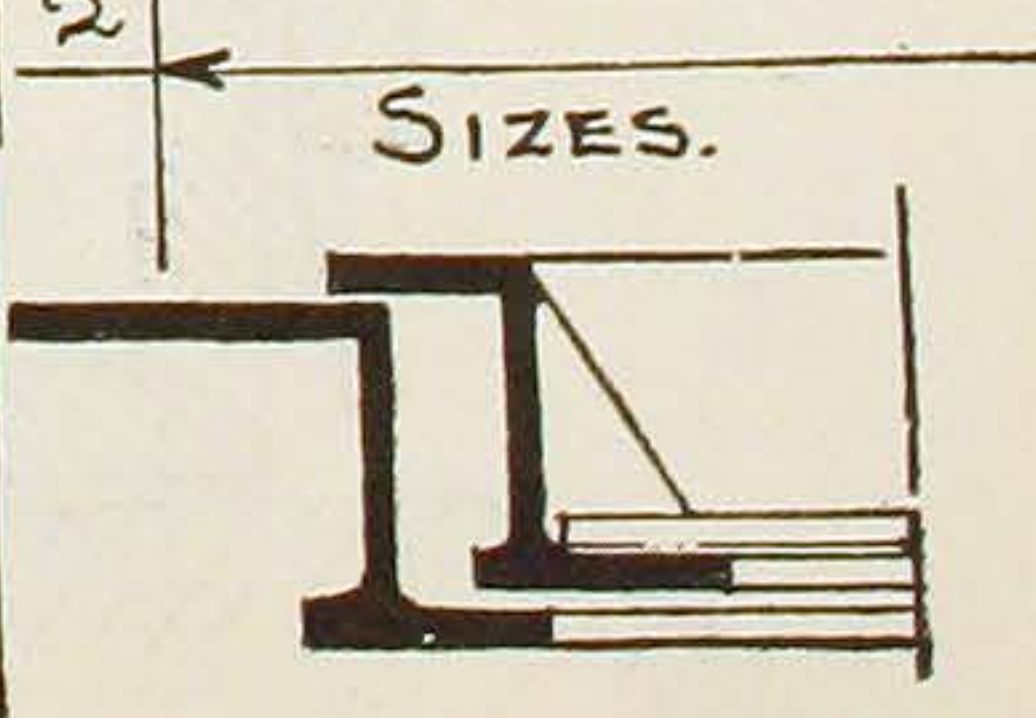
ALL COMPOSITE WINDOWS ARE MADE IN ONE UNIT.


Jamb.


Mullion.


Glazing Bar.

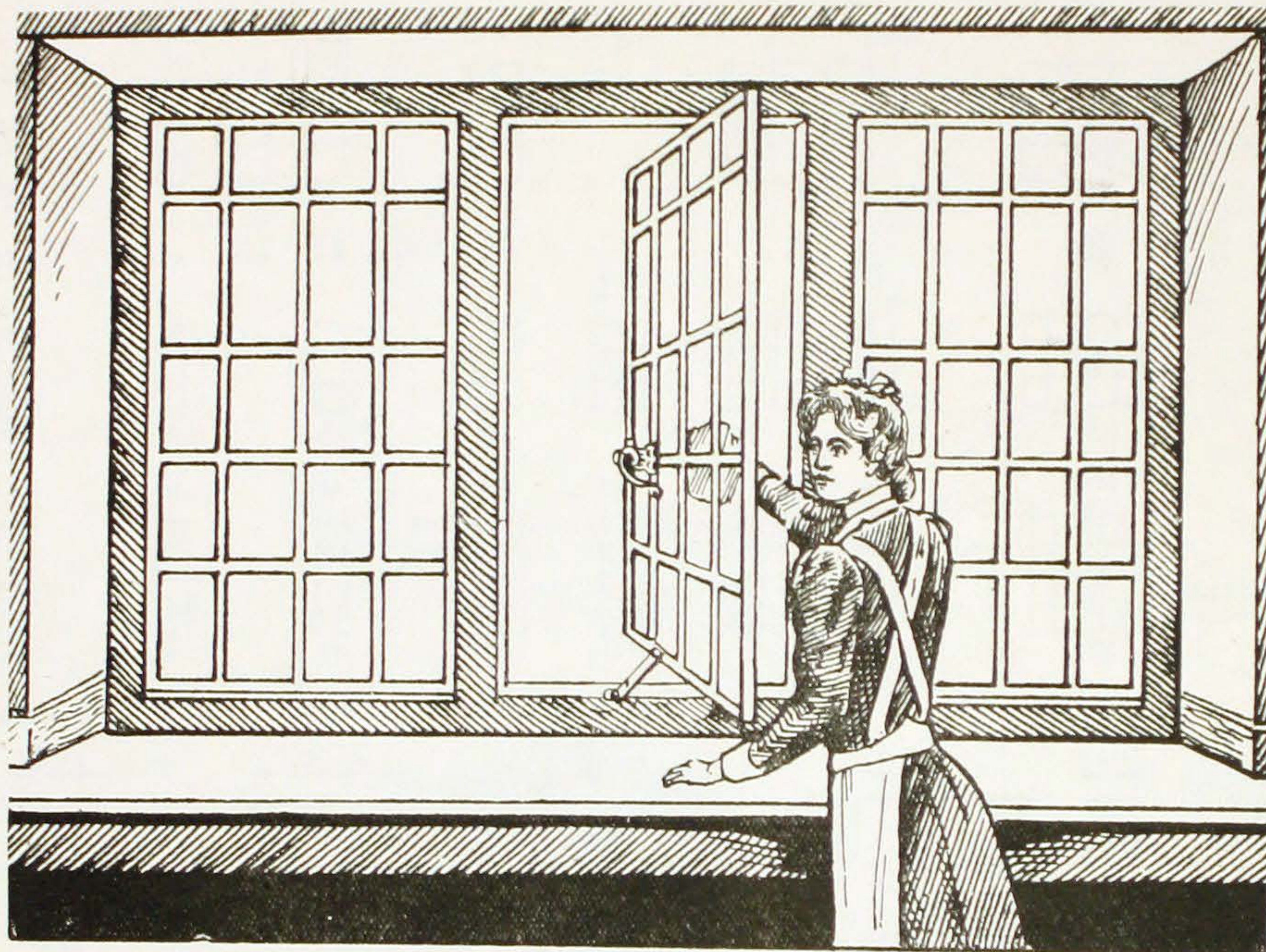

Jamb.


Long Flange Bar for Rough Cast.

The "FORWARD" Patent Wrought Steel Easy Cleaning Casements

Hung on "Ring and Cup" Hinges. Guaranteed Watertight.

As fixed in many of the largest public buildings.



The special advantages of the "Forward" Casements are:—

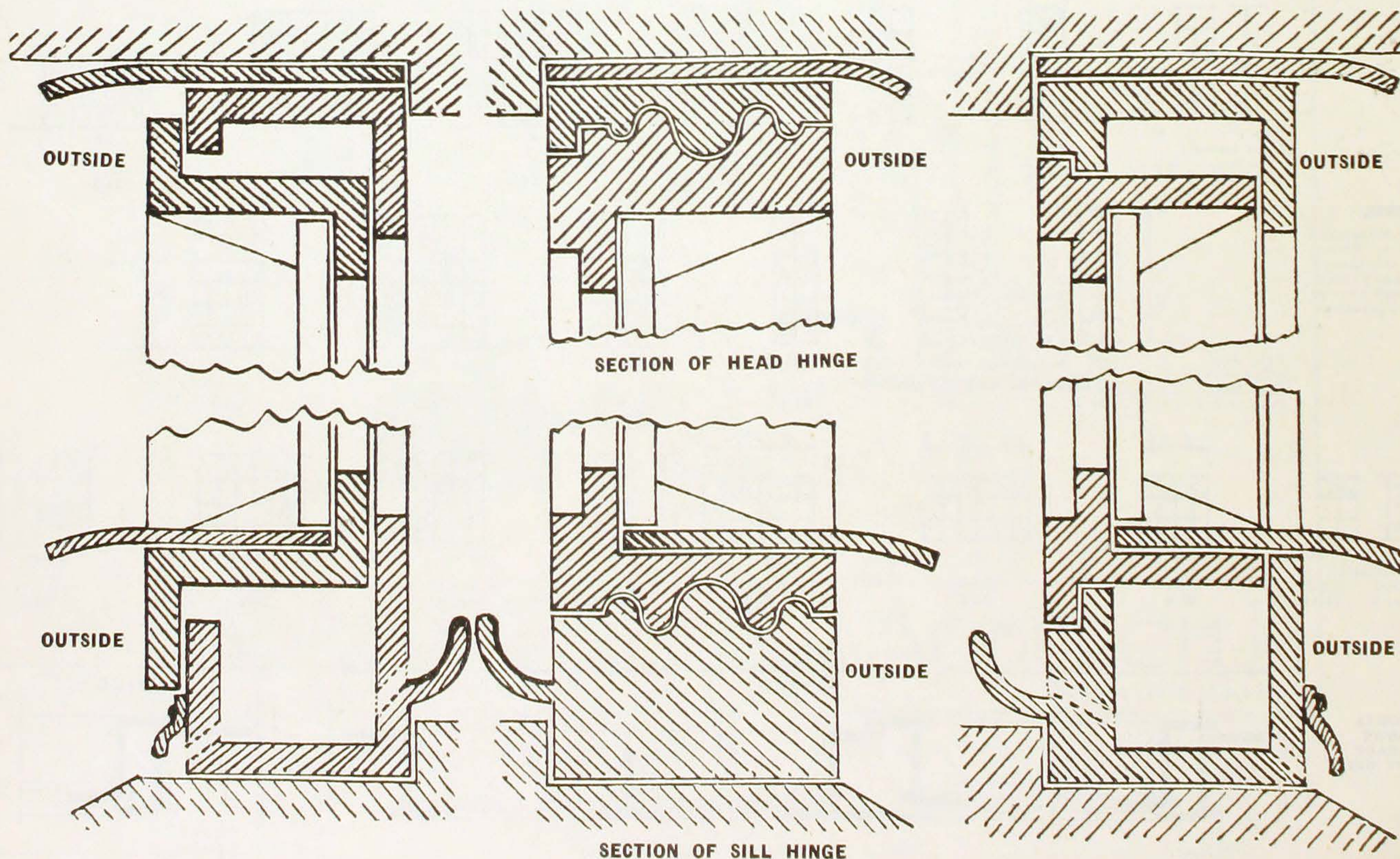
1. The extreme facility of cleaning the Casements with perfect safety and without expense, from the INSIDE.

2. The patent "Ring and Cup" Hinges are undoubtedly the most durable pattern ever designed. As these hinges do not project into the open but are completely concealed within the thickness of the Casement Frame, it is impossible for them to be affected by the atmosphere, and the construction makes them absolutely waterproof.

3. They allow the Casement to open with the least possible amount of friction, and there are no loose parts to get out of order.

4. We have supplied Casements fitted with these hinges even twelve feet and more high, and carrying a great weight of glass with perfect rigidity and safety.

5. An economy is effected where three windows are required, by using one Easy Cleaning Casement in the centre with one fixed light on either side, all three may then be cleaned, as shown, from the inside.



Special Prices quoted upon receipt of Details.

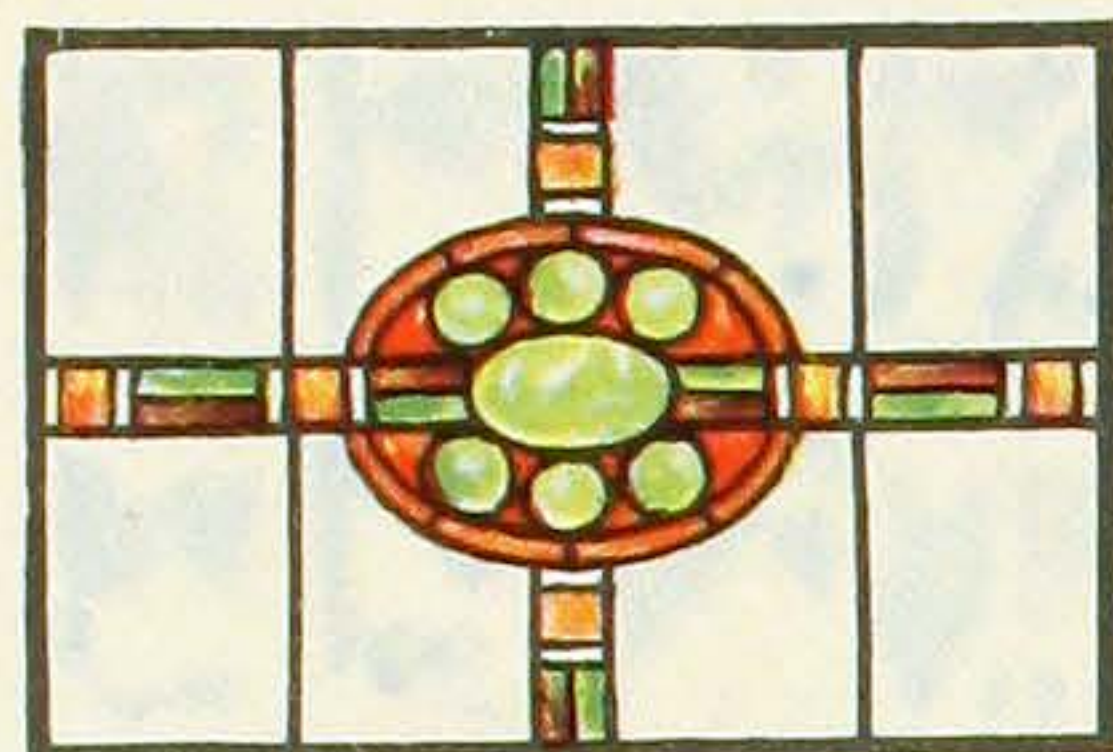
Leaded Lights

Scale $\frac{3}{4}$ " to 1 foot.

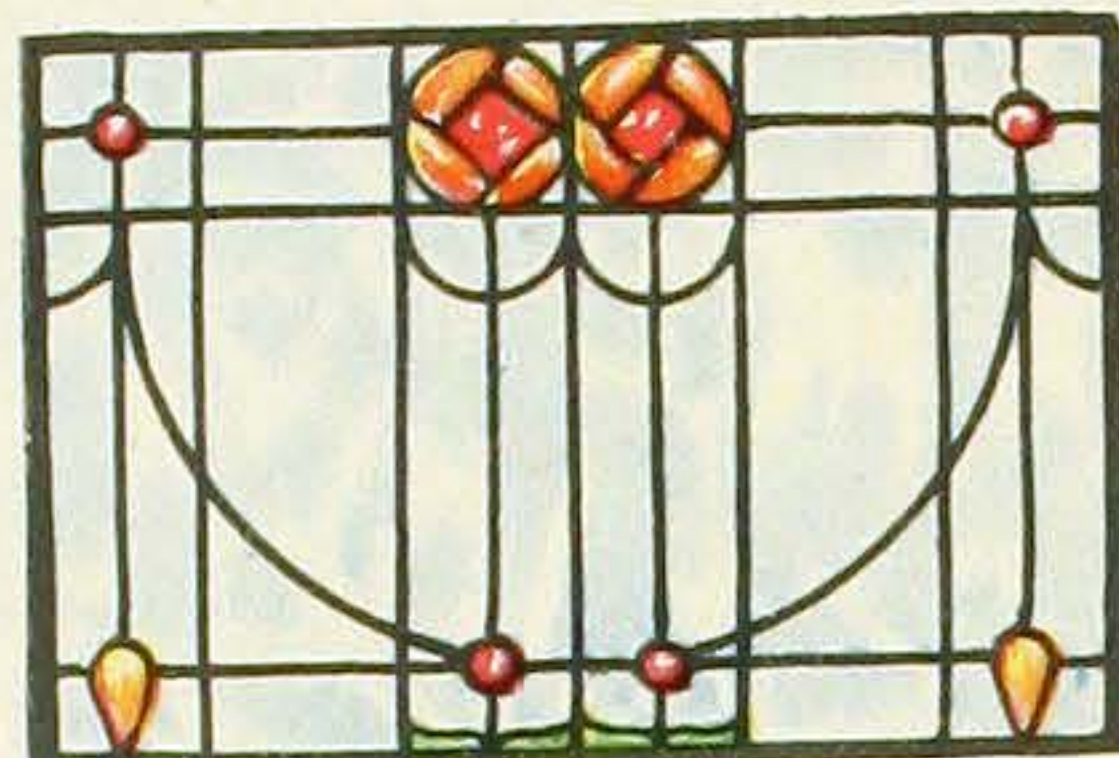
PRICES ARE FOR LIGHTS AS SET OUT.

Smaller sizes slightly extra in price.

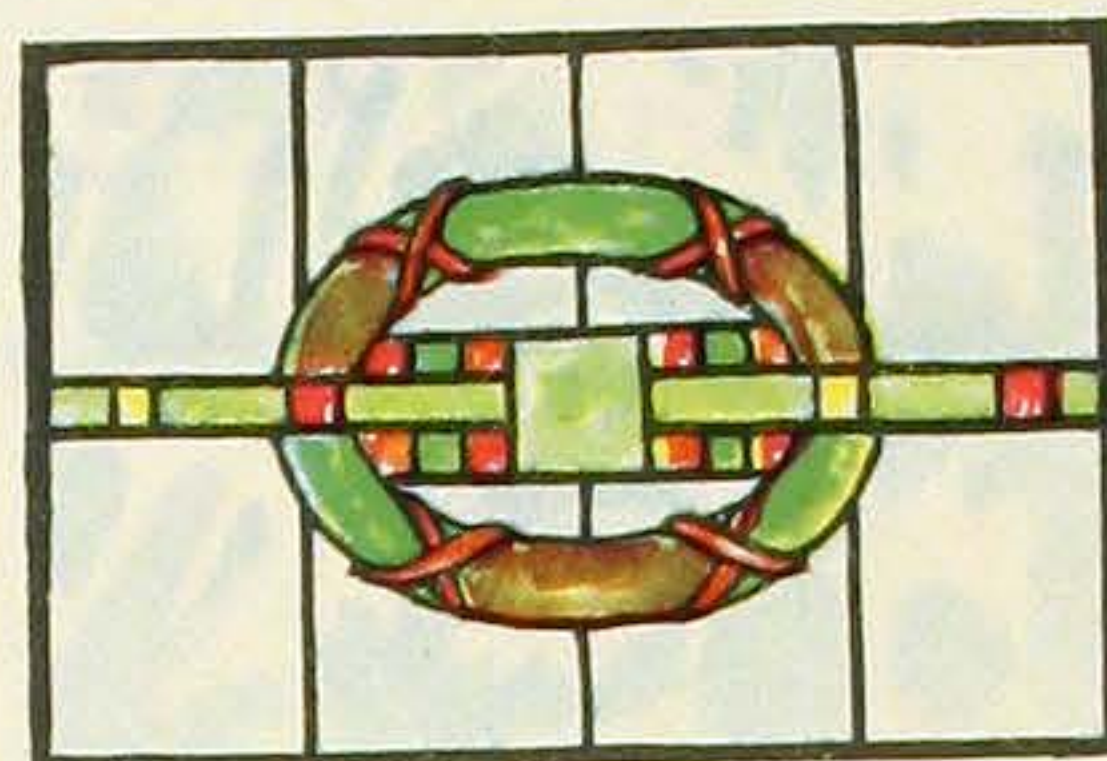
Carriage is paid on orders of £8 net invoice value.



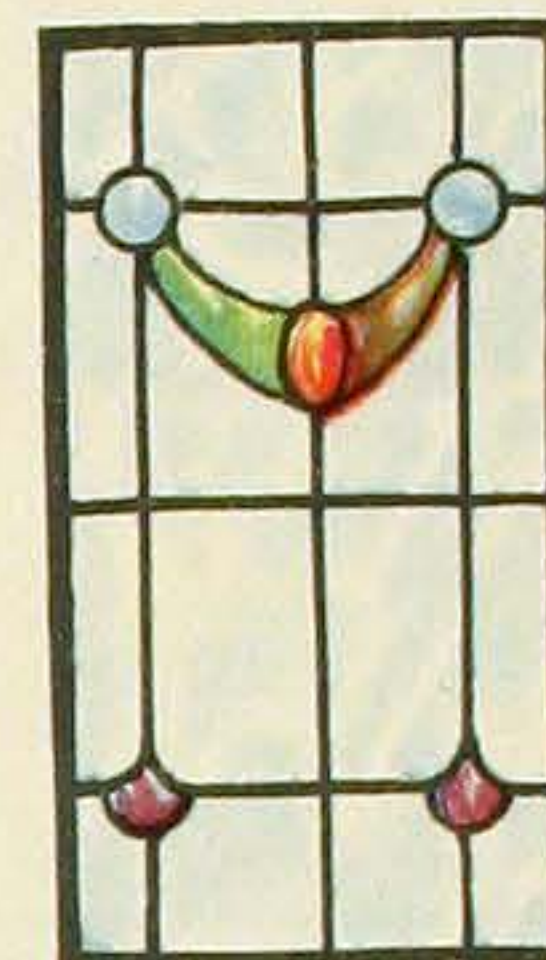
No. PHO 6545
7/- sq. foot.



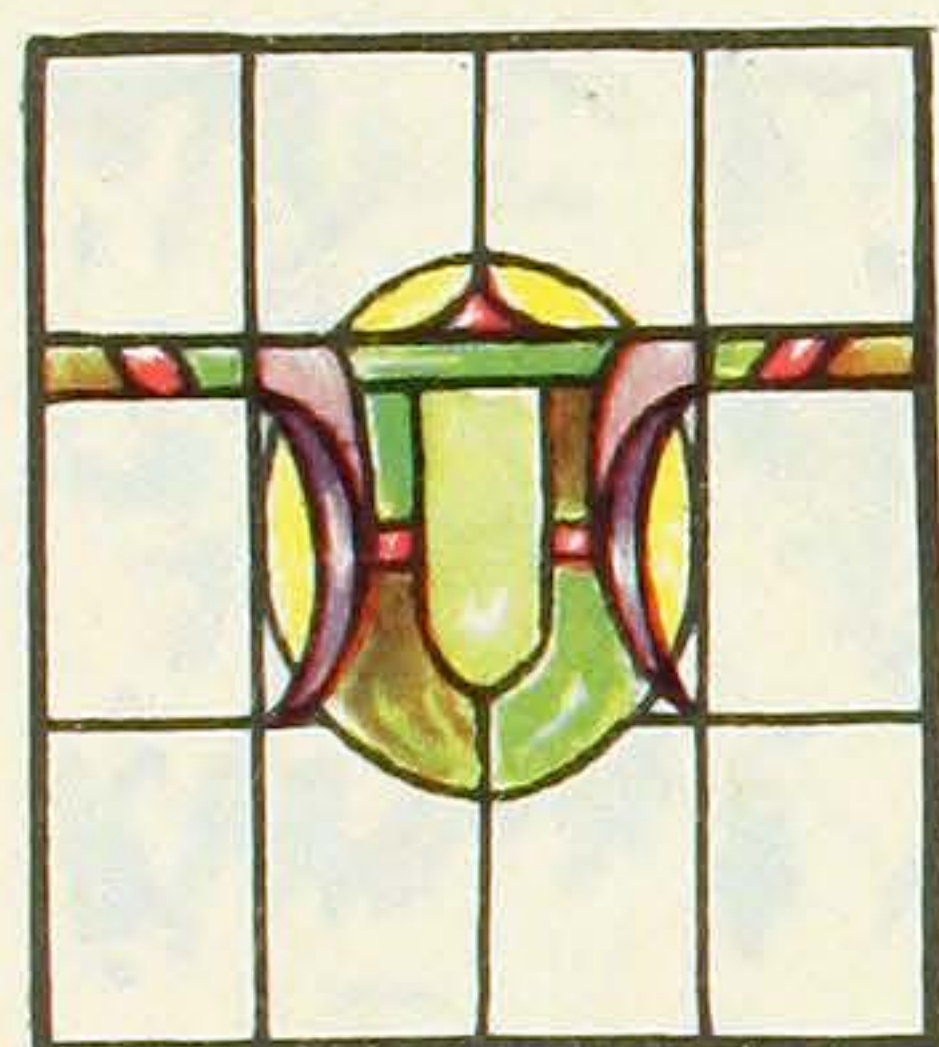
No. PHO 6546
6/3 sq. foot.



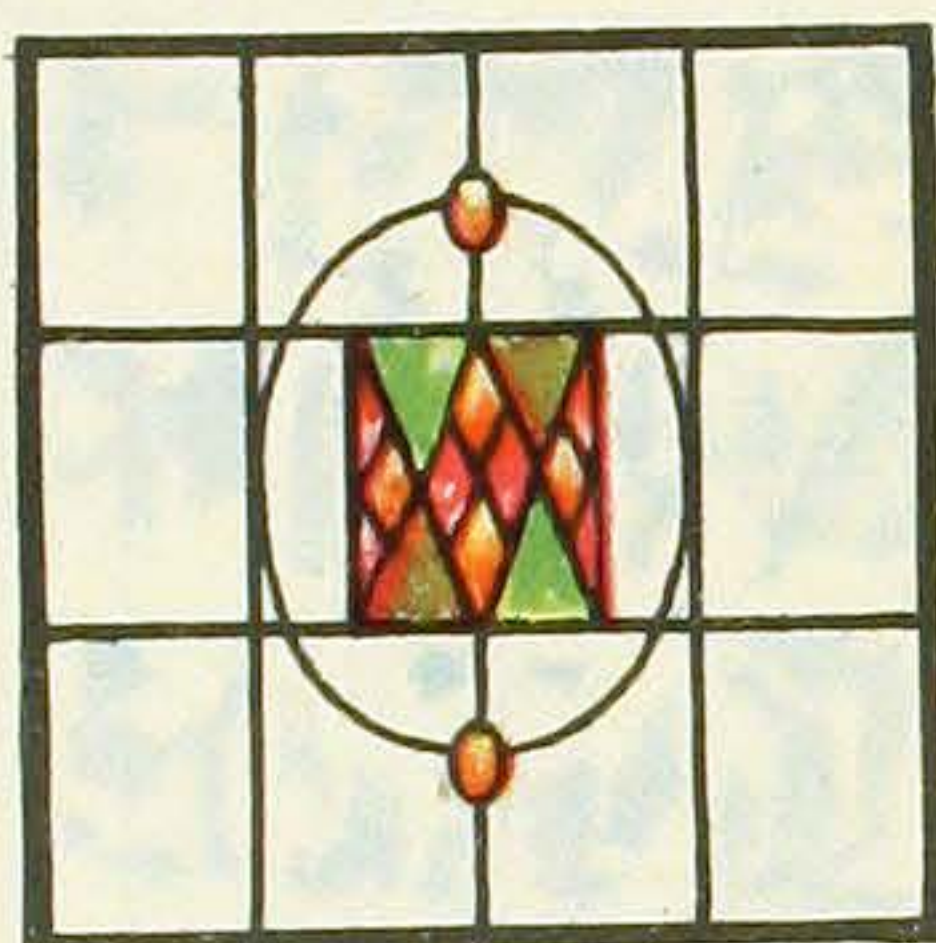
No. PHO 6547
7/- sq. foot.



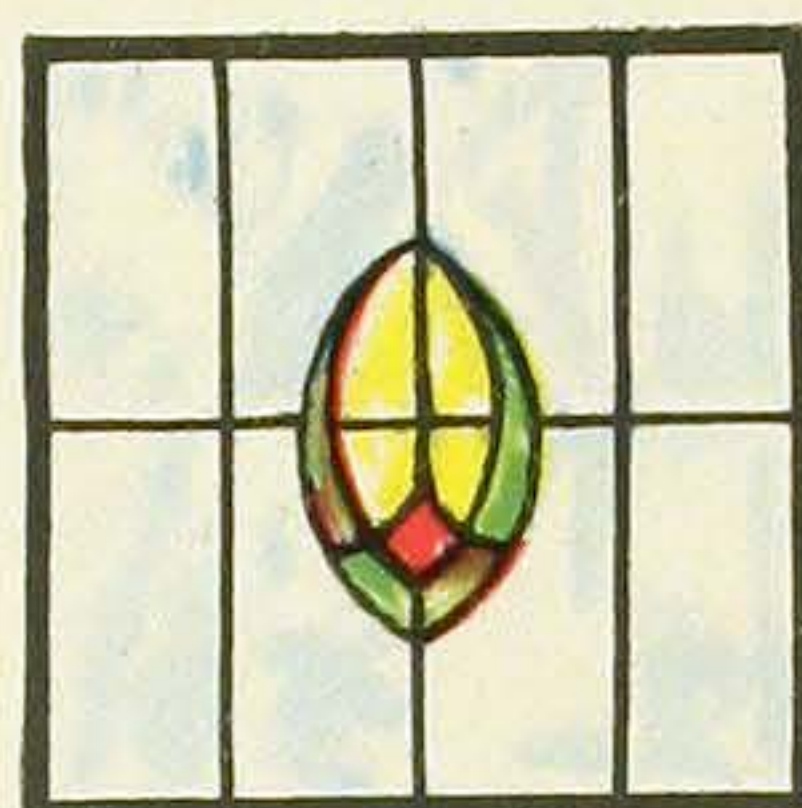
No. PHO 6548
4/3 sq. foot.



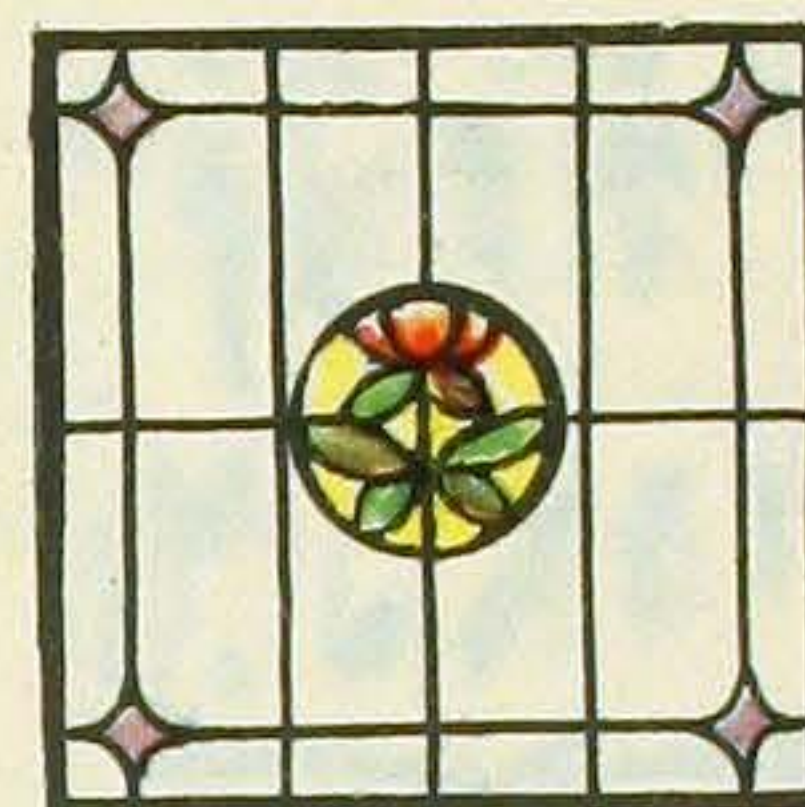
No. PHO 6549
5/6 sq. foot.



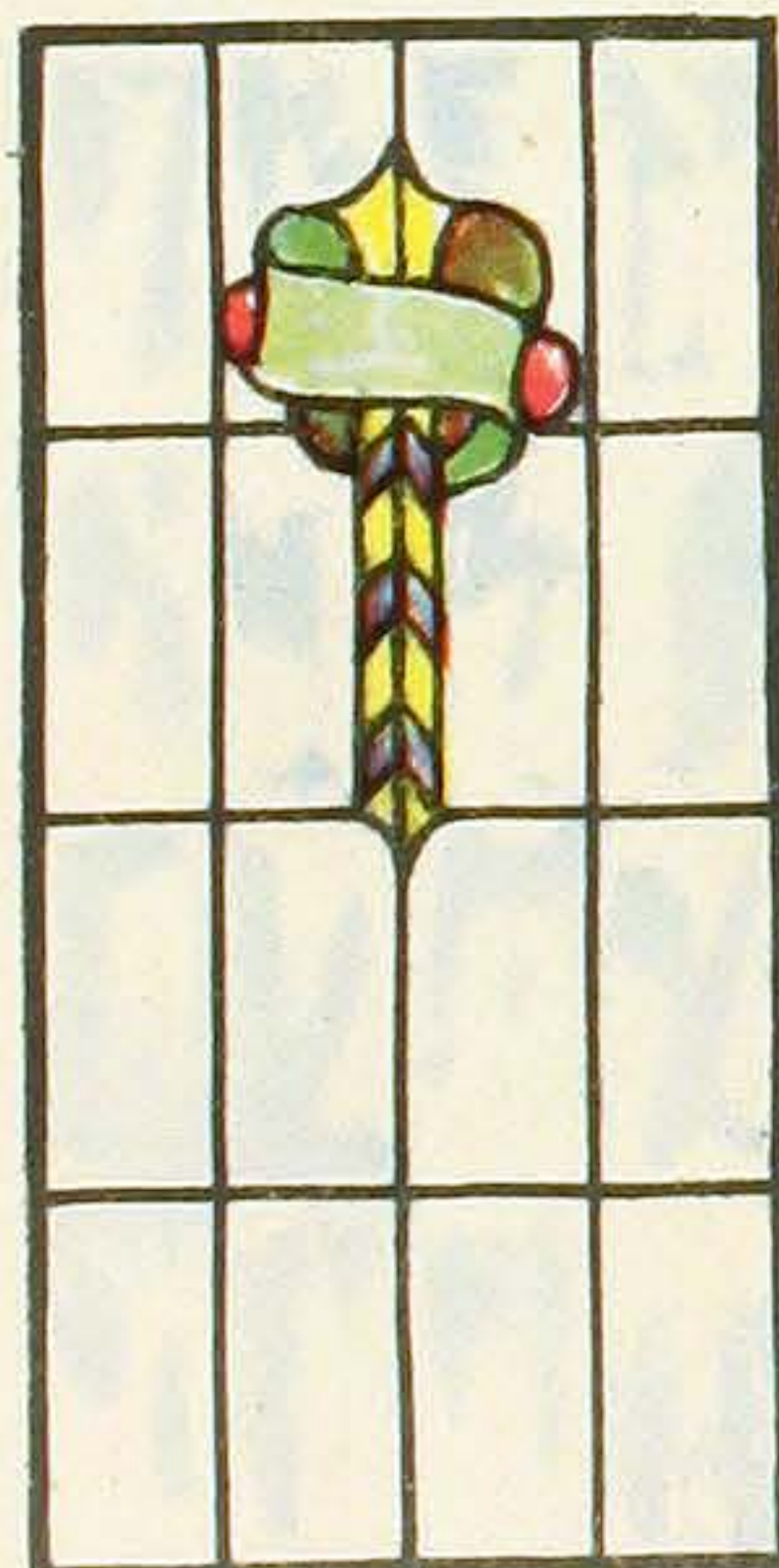
No. PHO 6550
5/- sq. foot.



No. PHO 6551
4/3 sq. foot.



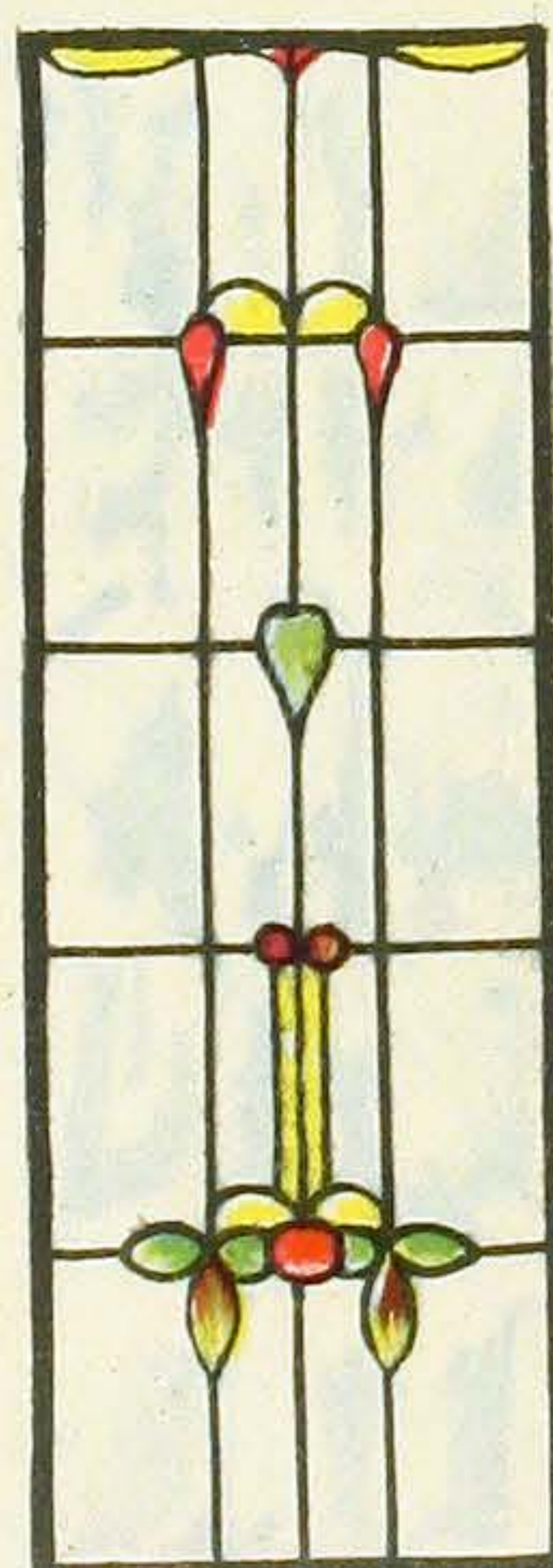
No. PHO 6552
5/6 sq. foot.



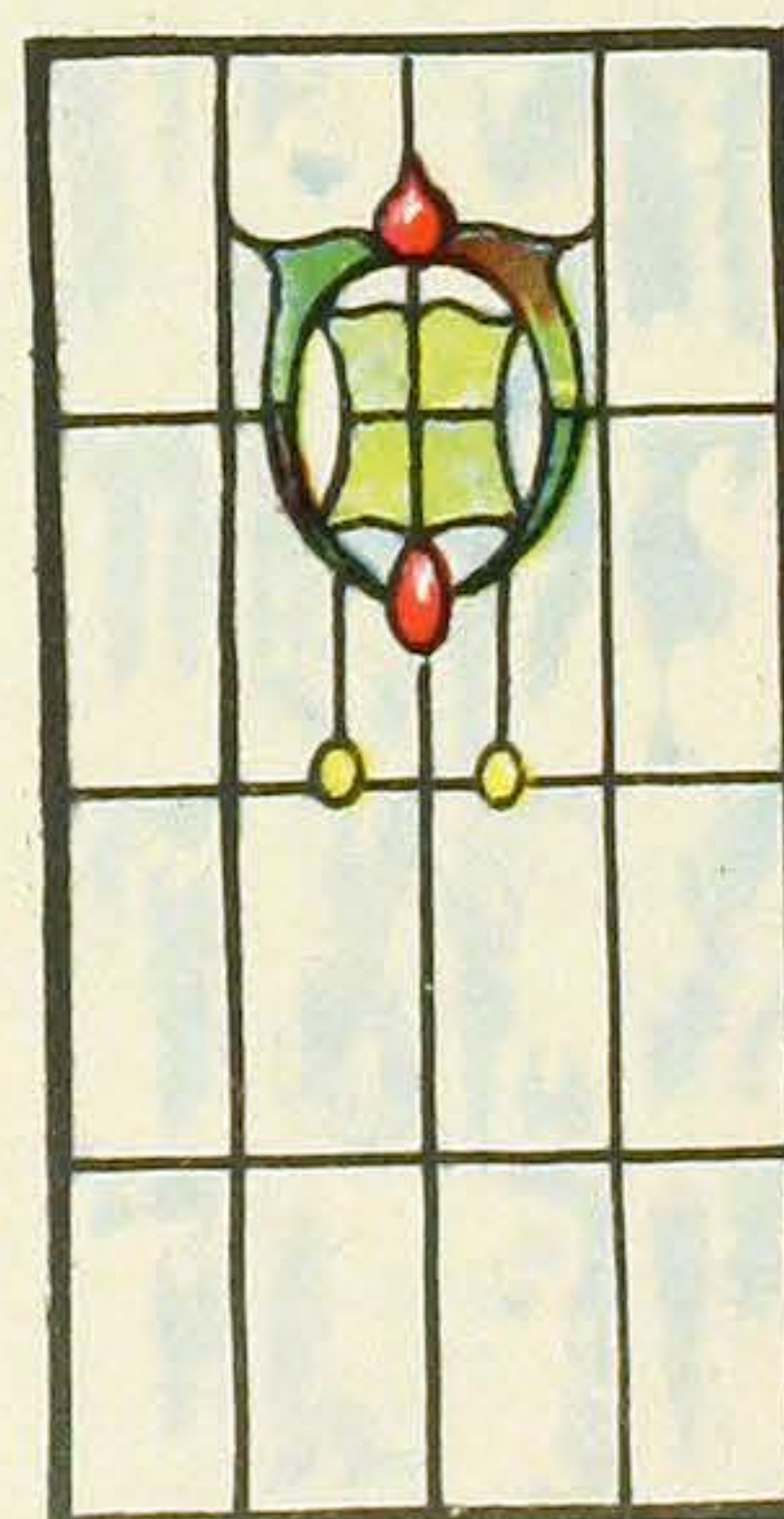
No. PHO 6553
5/- sq. foot.



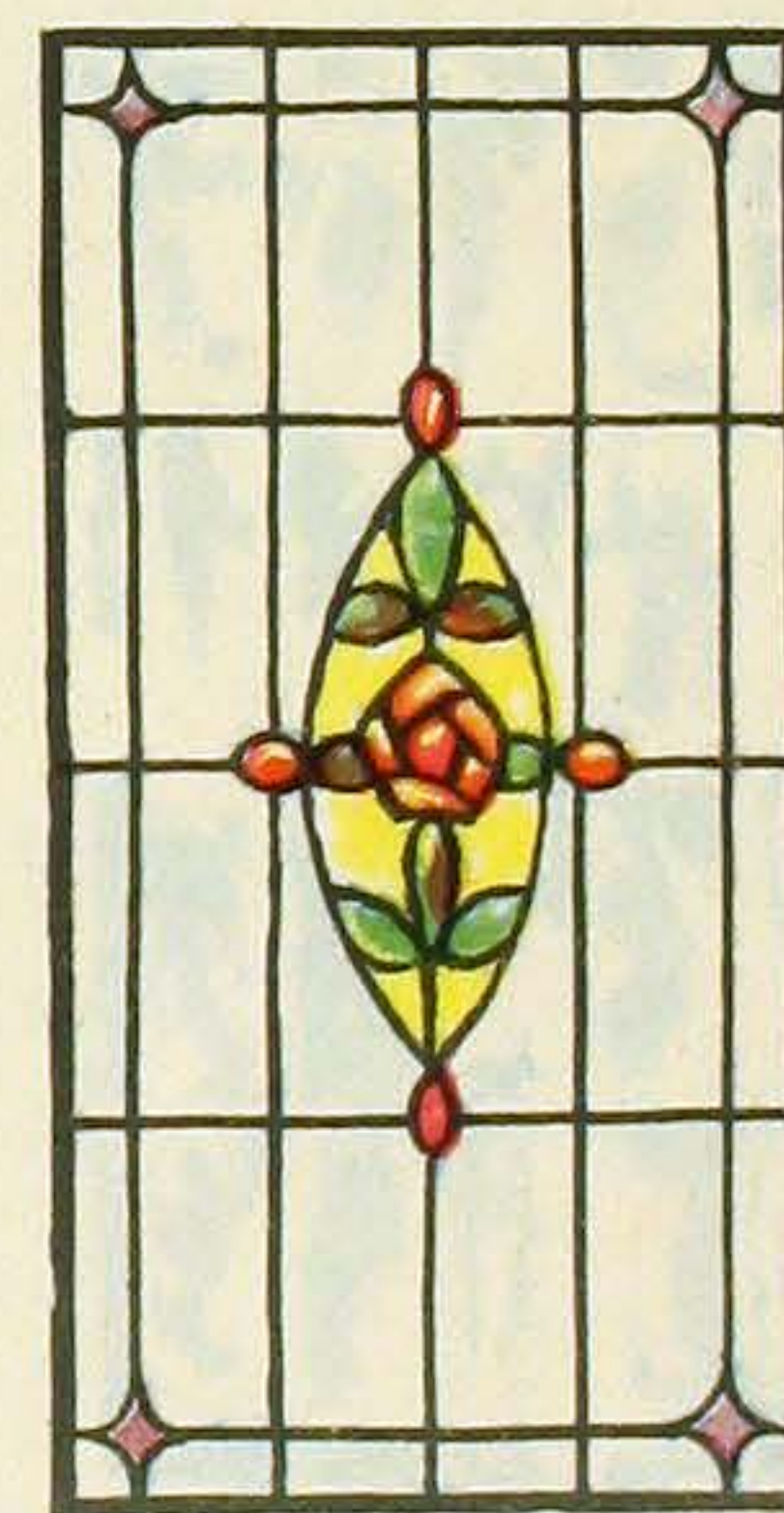
No. PHO 6561
5/6 sq. foot.



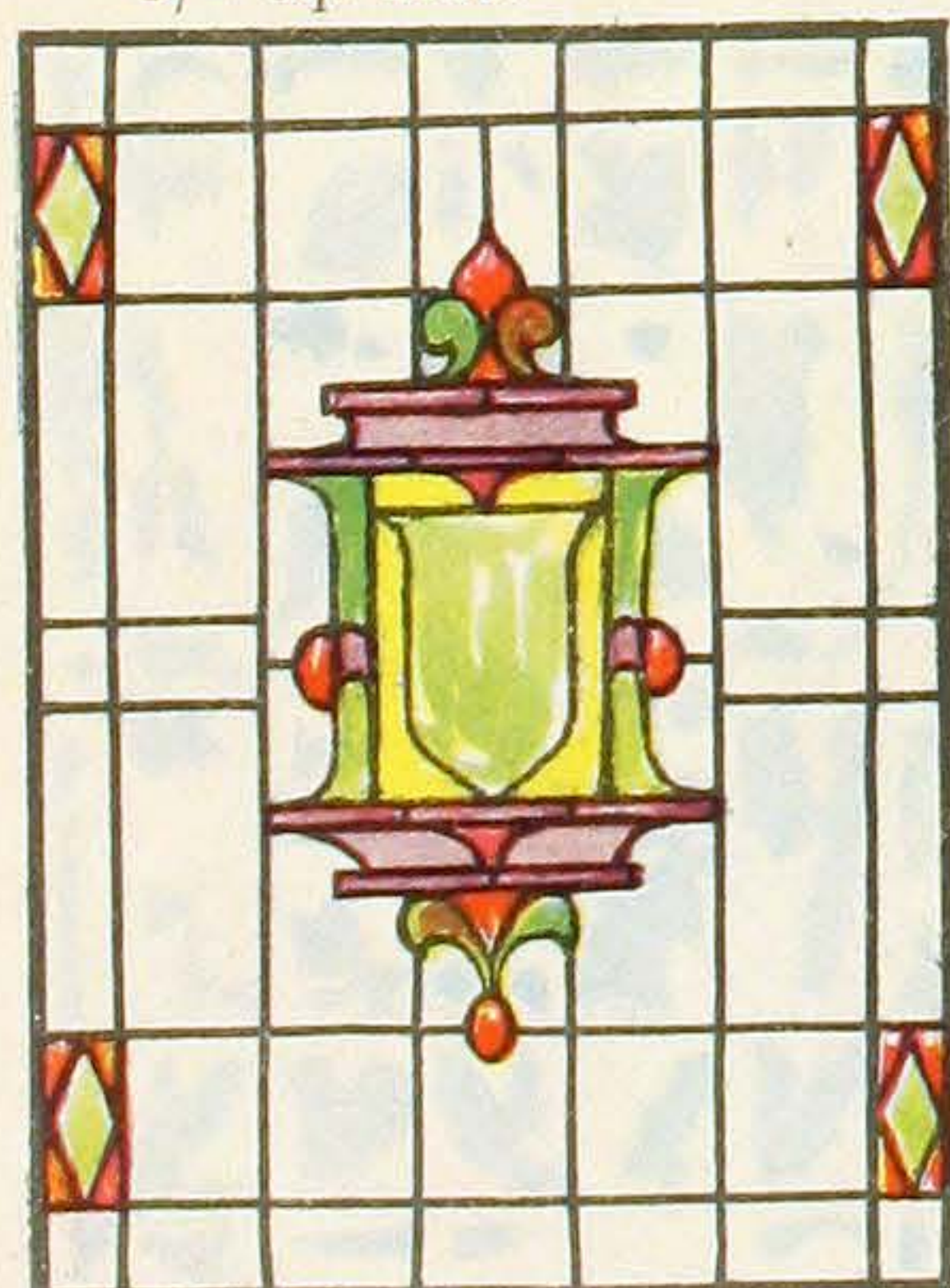
No. PHO 6554
5/6 sq. foot.



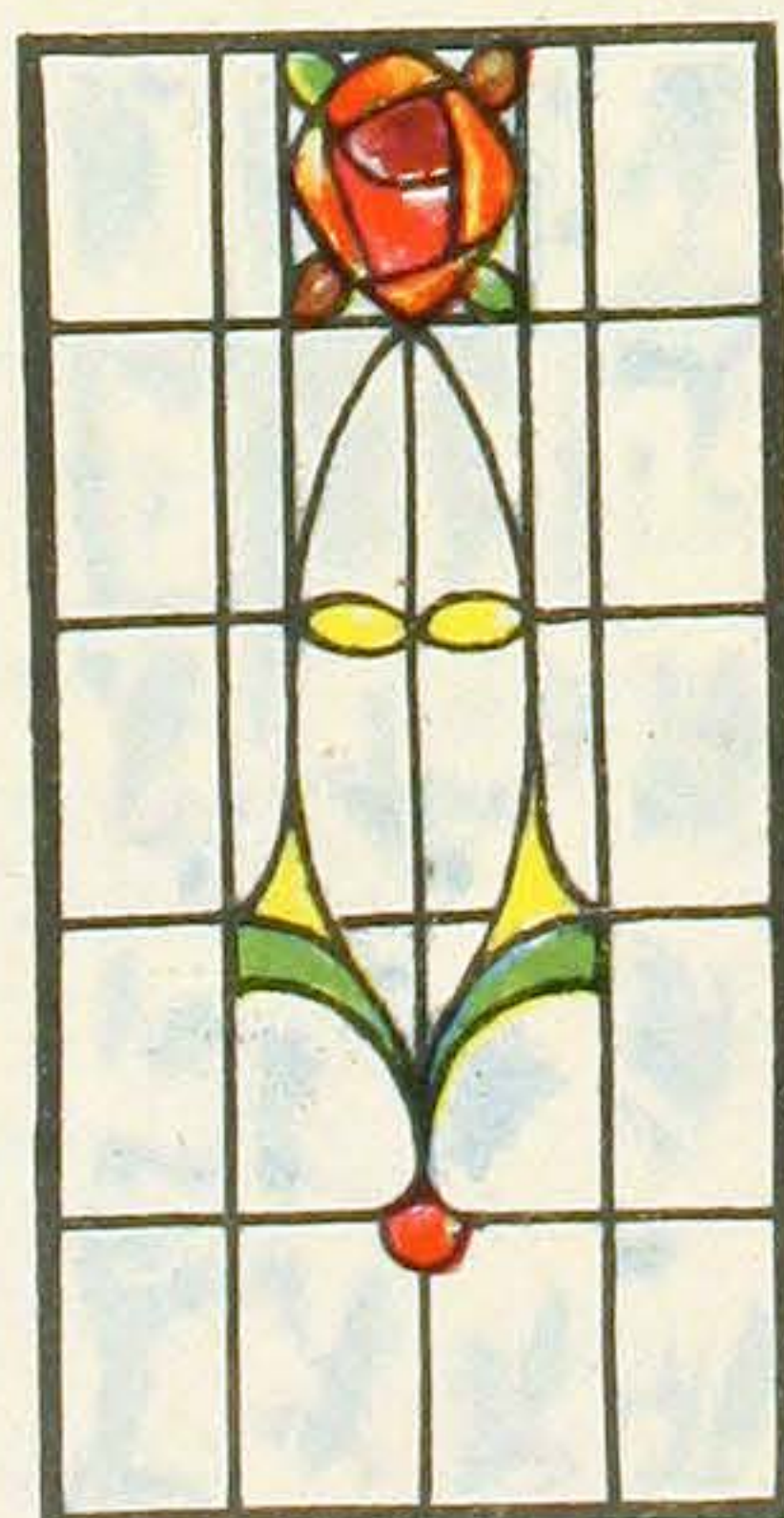
No. PHO 6555
4/8 sq. foot.



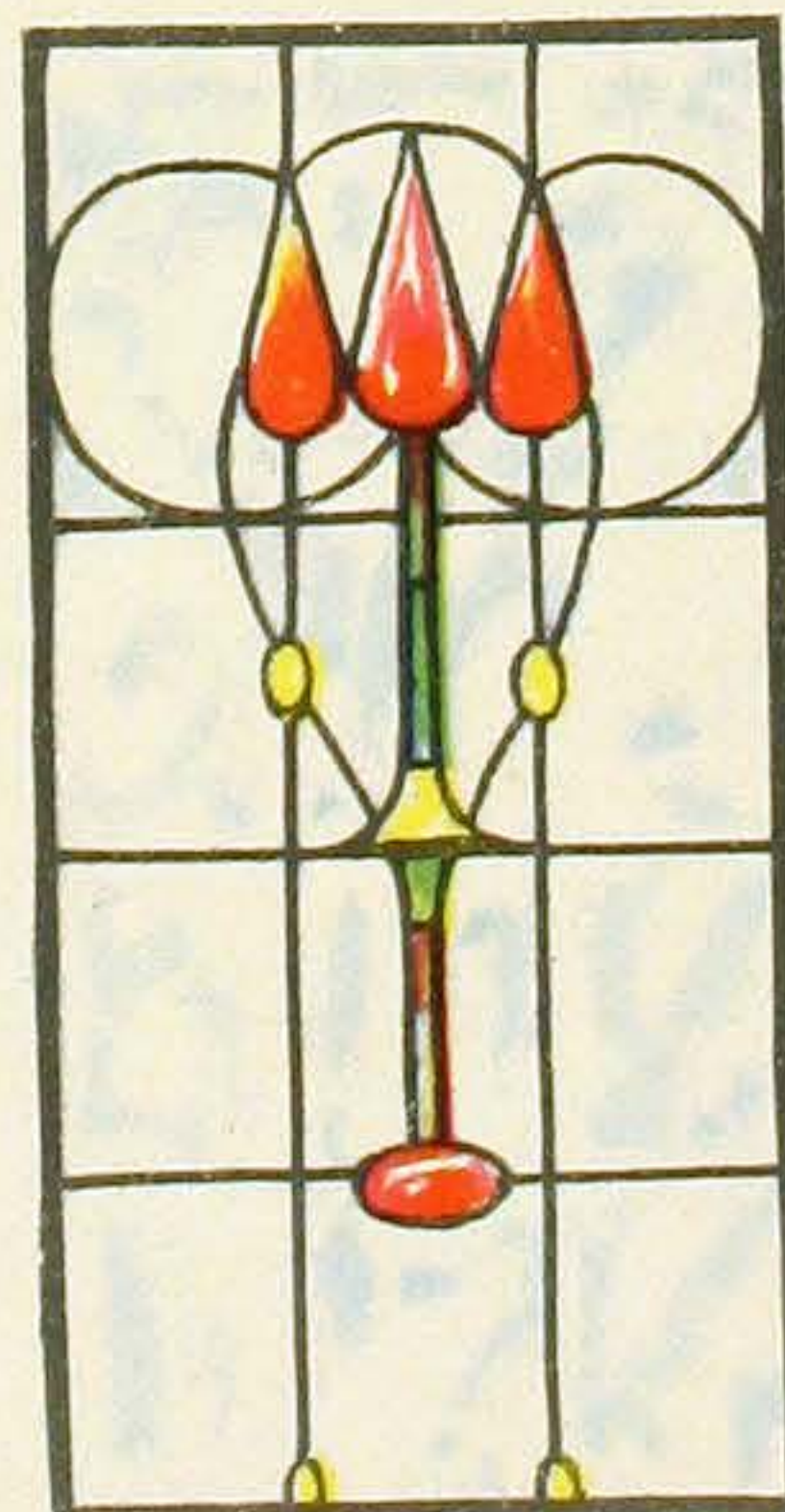
No. PHO 6556
5/6 sq. foot.



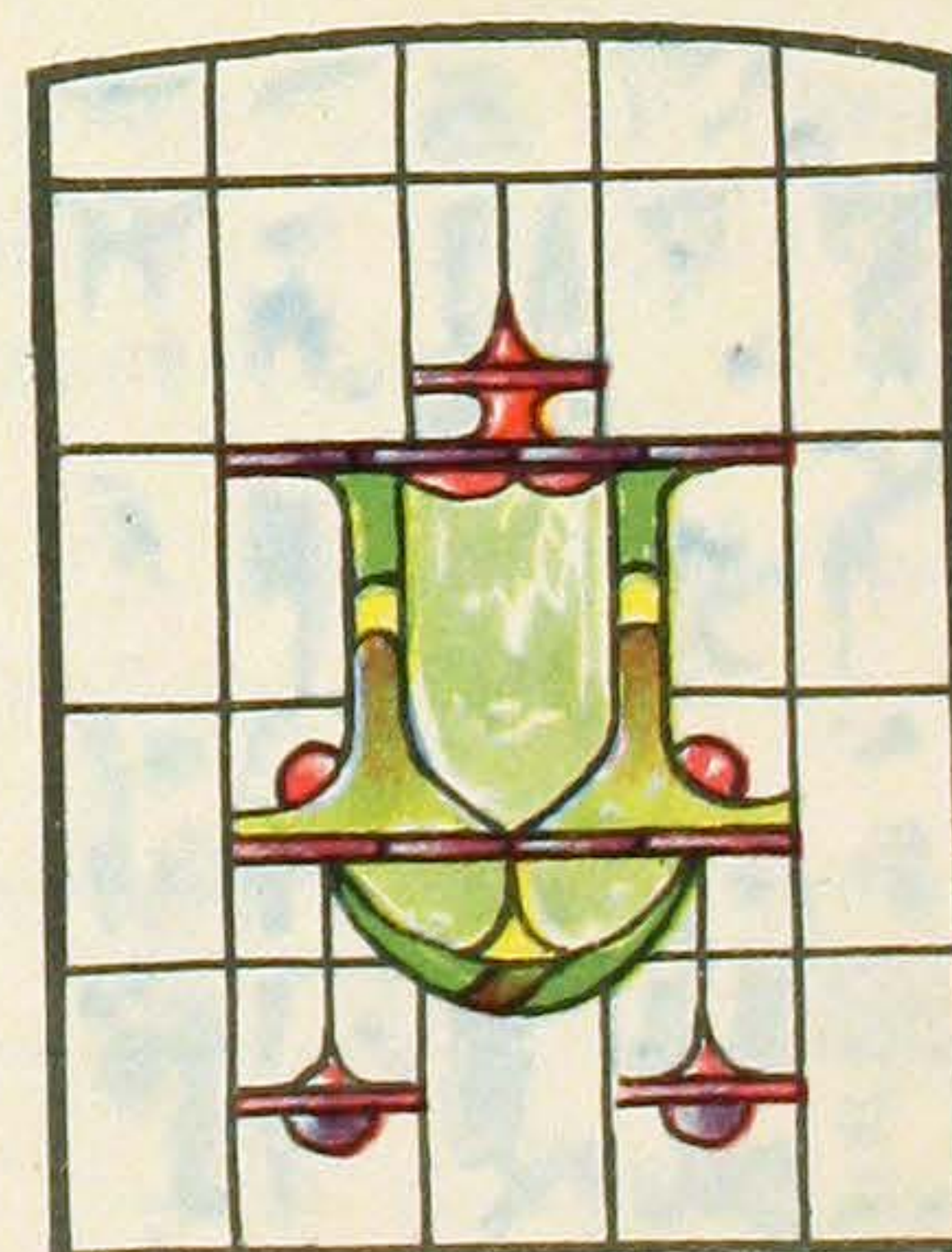
No. PHO 6557
7/9 sq. foot.



No. PHO 6558
6/3 sq. foot.



No. PHO 6559
6/3 sq. foot.



No. PHO 6560
6/3 sq. foot.

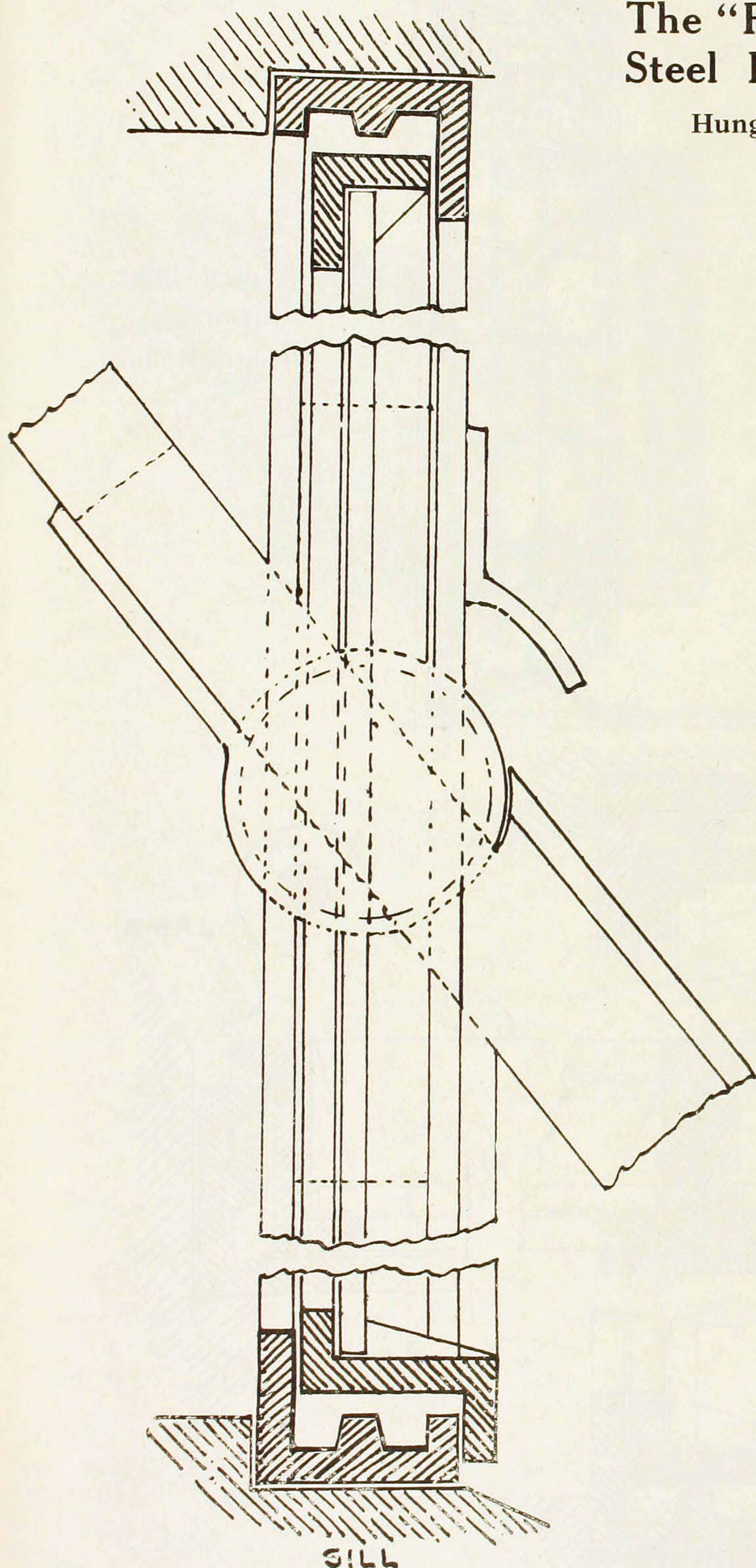
The



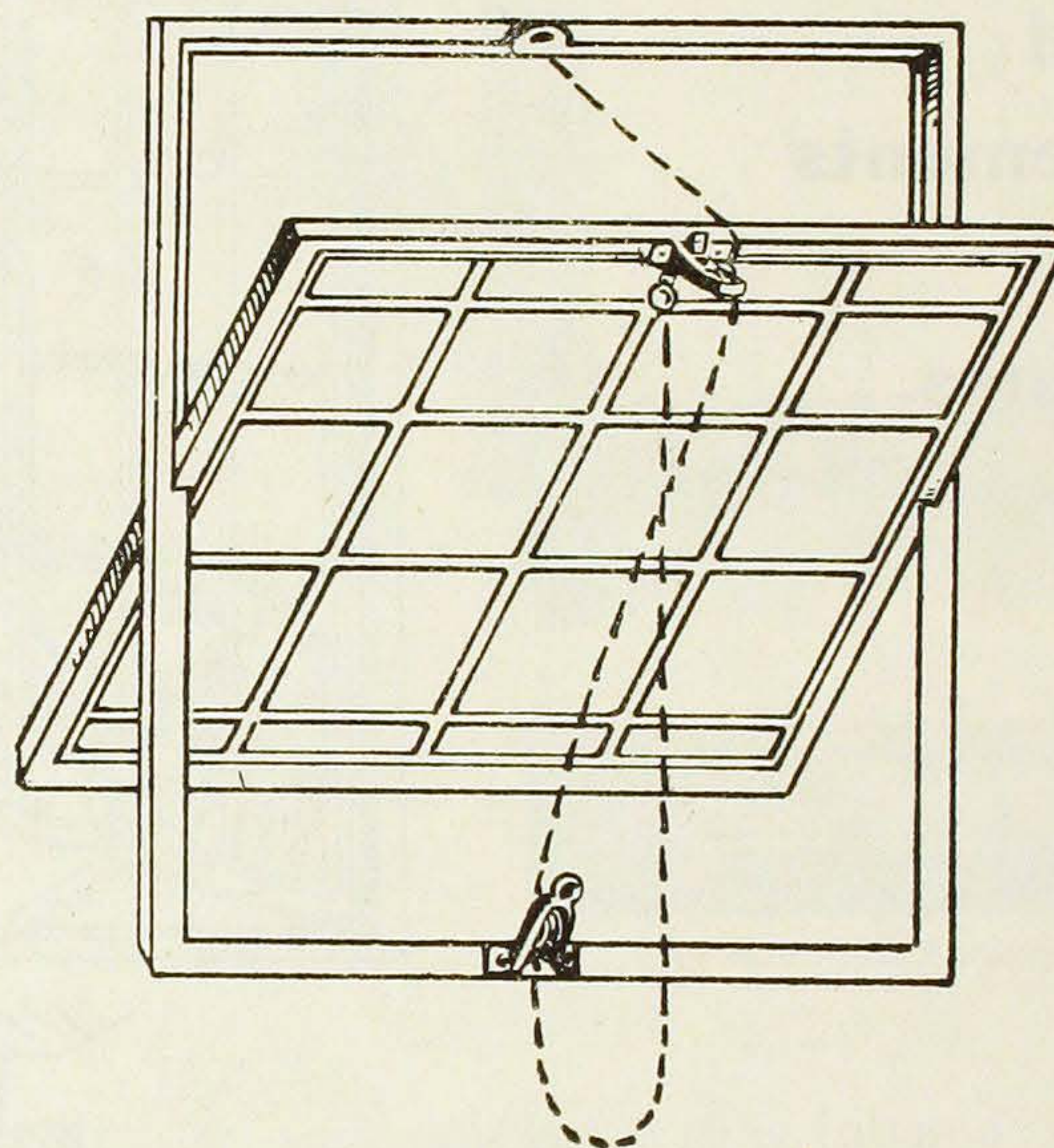
Z

The "FORWARD" Patent Wrought Steel Horizontal Swing Casements

Hung on "Ring and Cup" Centre Pivots.



Full Size Sections.



Wrought steel horizontal weatherproof swing Casements and Frames, hung on strong steel or gun-metal "Ring and Cup" centre pivots.

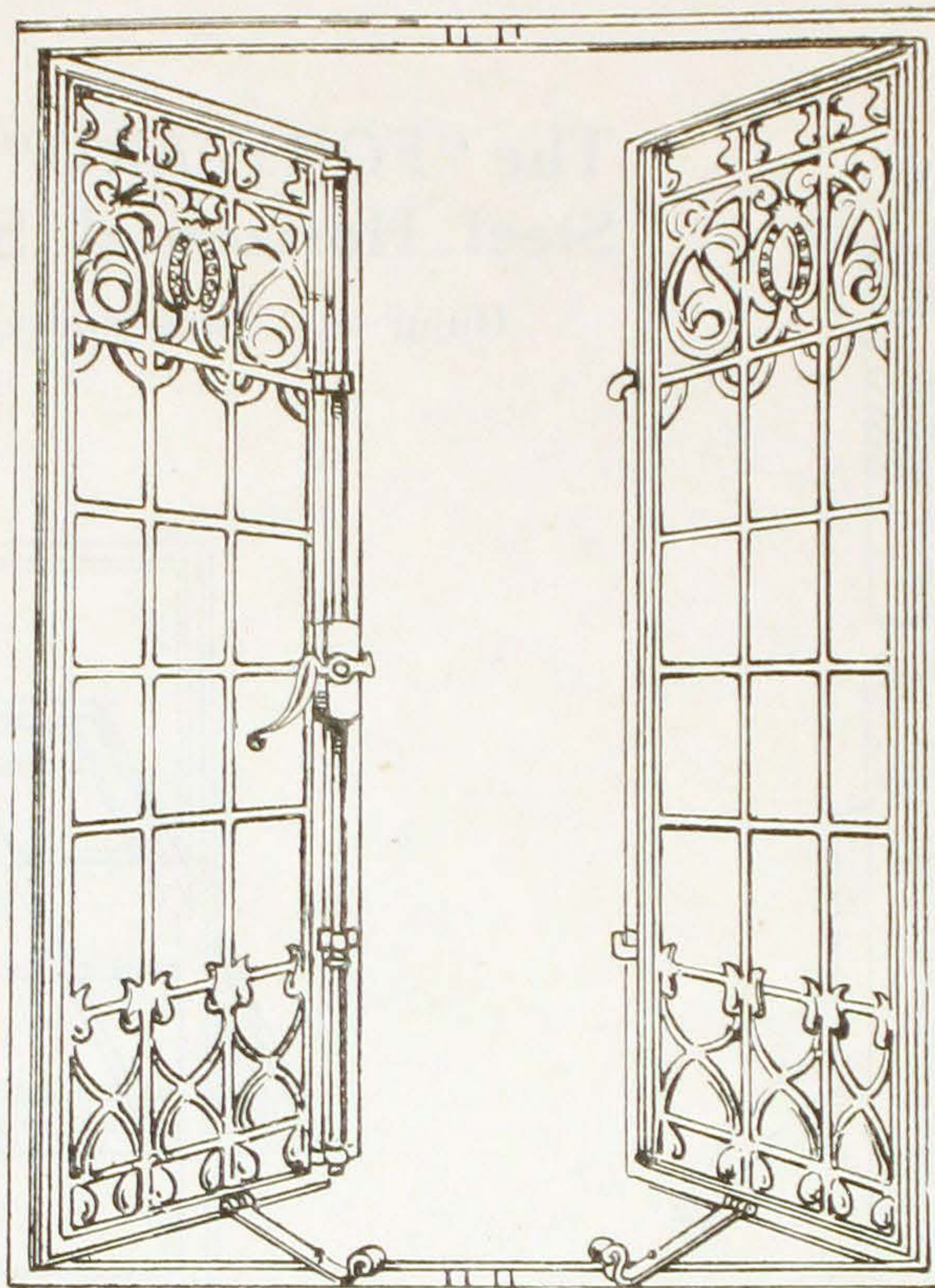
Very strong, **guaranteed** weather and dust-proof.

FIRST QUALITY are fitted with strong Gun-metal spring catch and cord eye, and Gun-metal pulley.

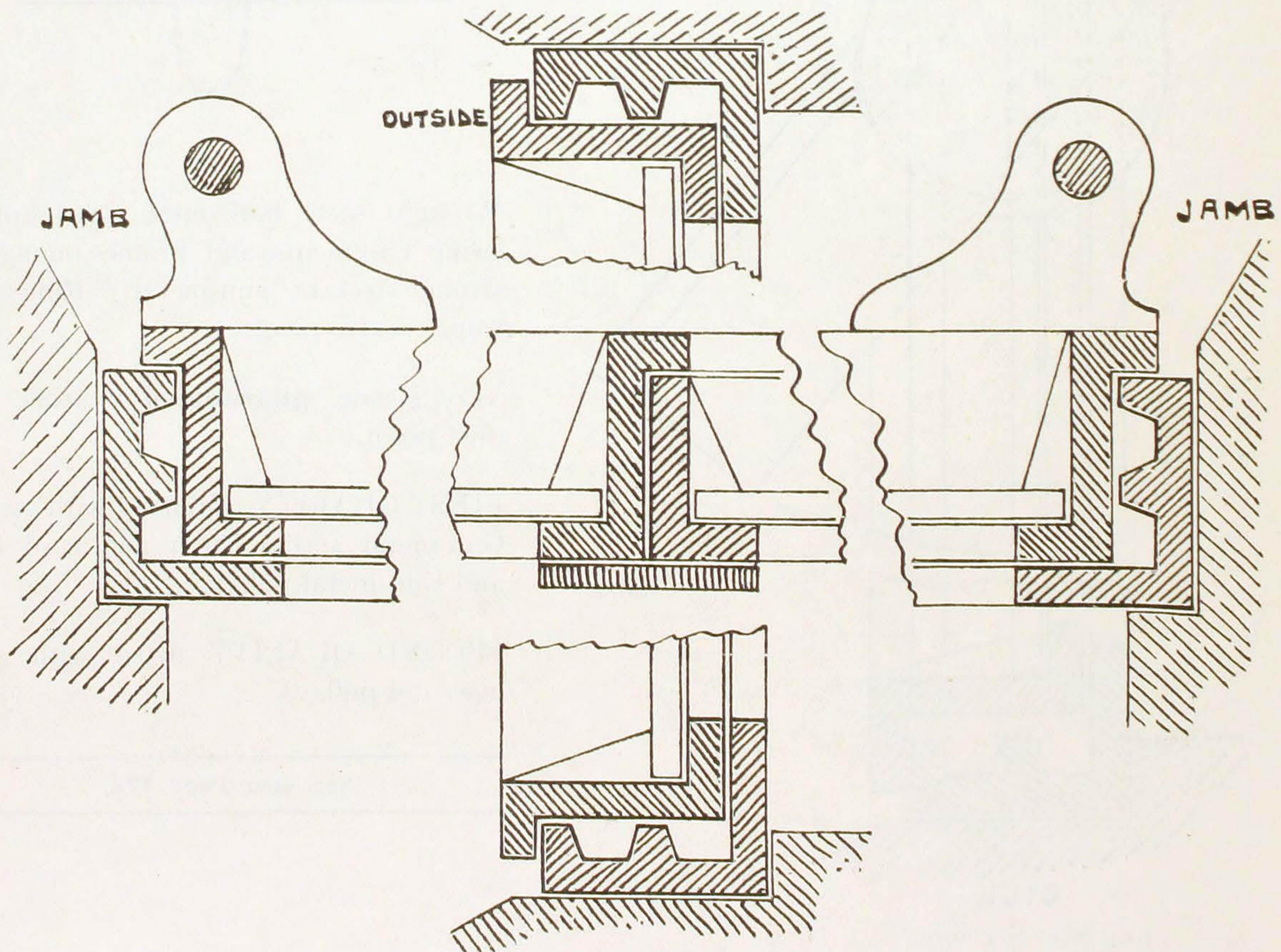
SECOND QUALITY fitted with cord eyes and pulleys.

See also Page 174.

**Wrought
Steel
Casements
and
Frames.**



Hung Folding
without
Centre Mullion.

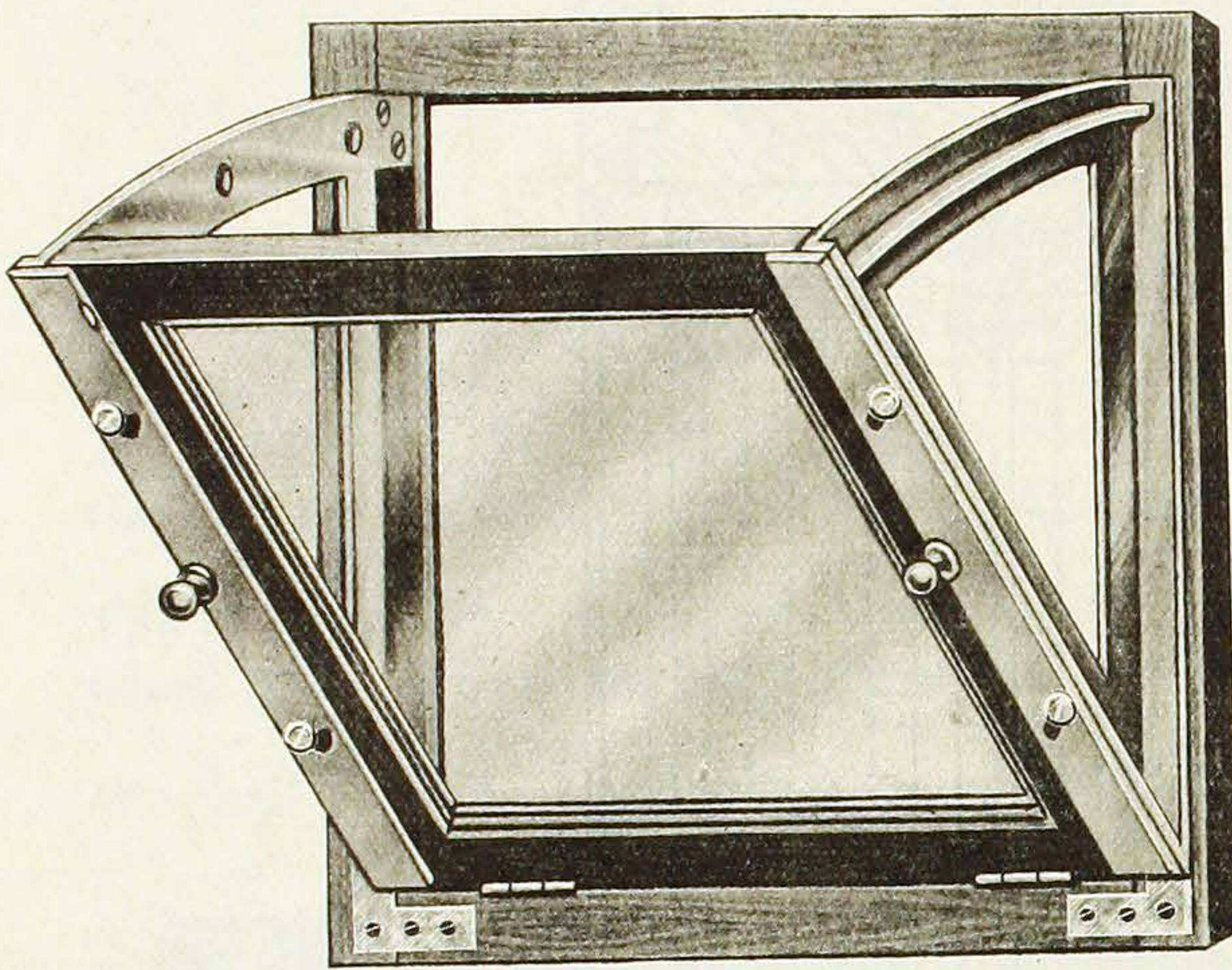


Sections drawn full size.

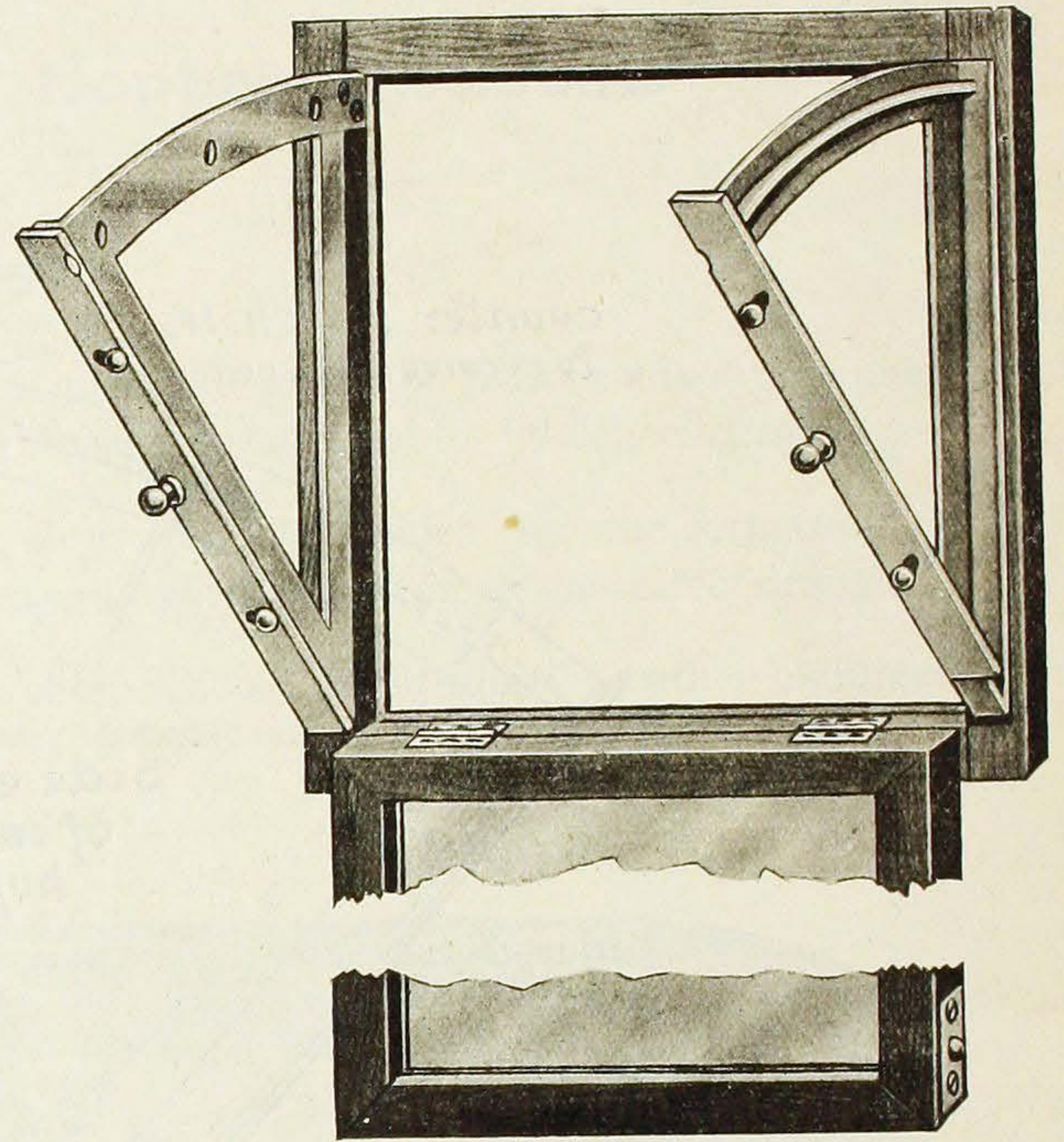
Special quotations upon receipt of details.

“FORWARD” Iron Hopper Cheeks with Movable Face Plates

Registered.



As a Hopper.



Opened for Cleaning.

As will be seen by the illustrations above, the Face Plates **automatically** slide **inwards**, ensuring absolute safety ; it being impossible for even the most careless window cleaner to leave the hopper light in an insecure position after cleaning.

A Ball Catch fixed in the top of the light engages in countersunk holes in the sides of the hopper cheeks, which allows the light to be held securely for ventilation at several different angles and opened or closed as desired with a long-arm or cord attachment.

For windows divided by narrow mullions a special mullion cheek is made.

NOTE.—The details here shown are the most usual, but Cheeks can be prepared for fixing to any detail of woodwork.

PRICES ON APPLICATION FOR Plain Hopper Cheeks without Movable Face Plates.

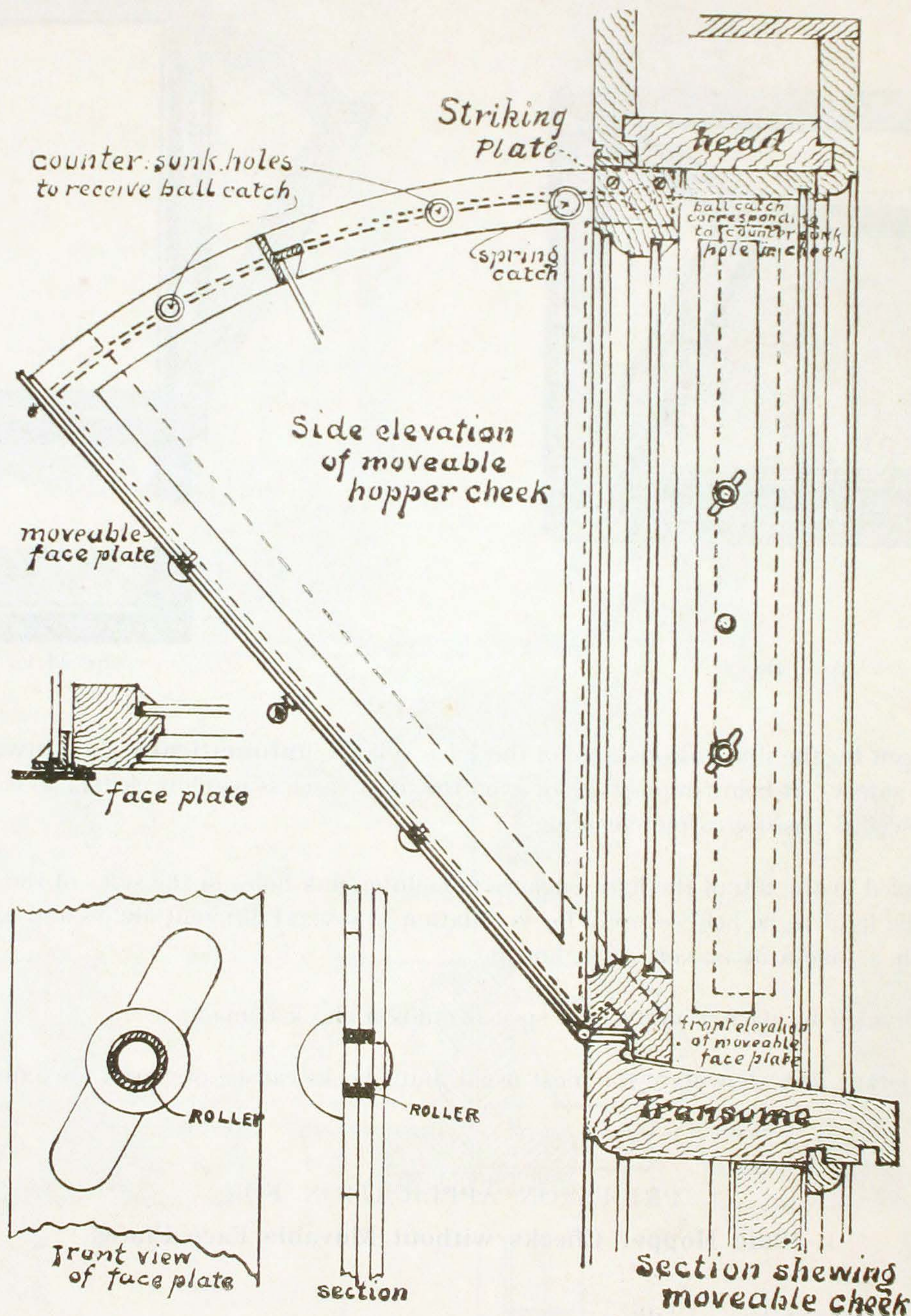
When ordering, please state :

1. Height of light.
2. If light is recessed, full size section through head and transome and plan of jamb.
3. If stiffening bars are required.
4. If Mullion Cheeks are required, plan of Mullion.
5. Description of accessory fittings required.

Special Prices quoted against Specification.

The "FORWARD" Hopper Cheeks

Registered.



THESE Face Plates entirely remove the impossibility of cleaning fanlights fitted with the ordinary hopper cheeks except by ladders fixed on the outside, or by standing on the sills.

The "Movable" Hopper Cheek Face Plates enable the light to be brought over into the room, and cleaned inside while not in any way hindering ventilation.

Advantages : Movable Cheek Plates. Automatic in Action. Absolute Safety Ensured.

Prices quoted against Specification.

VENTILATION BY BAFFLER HOPPER CASEMENTS.

The "FORWARD" Baffler Hopper Casements

Registered.

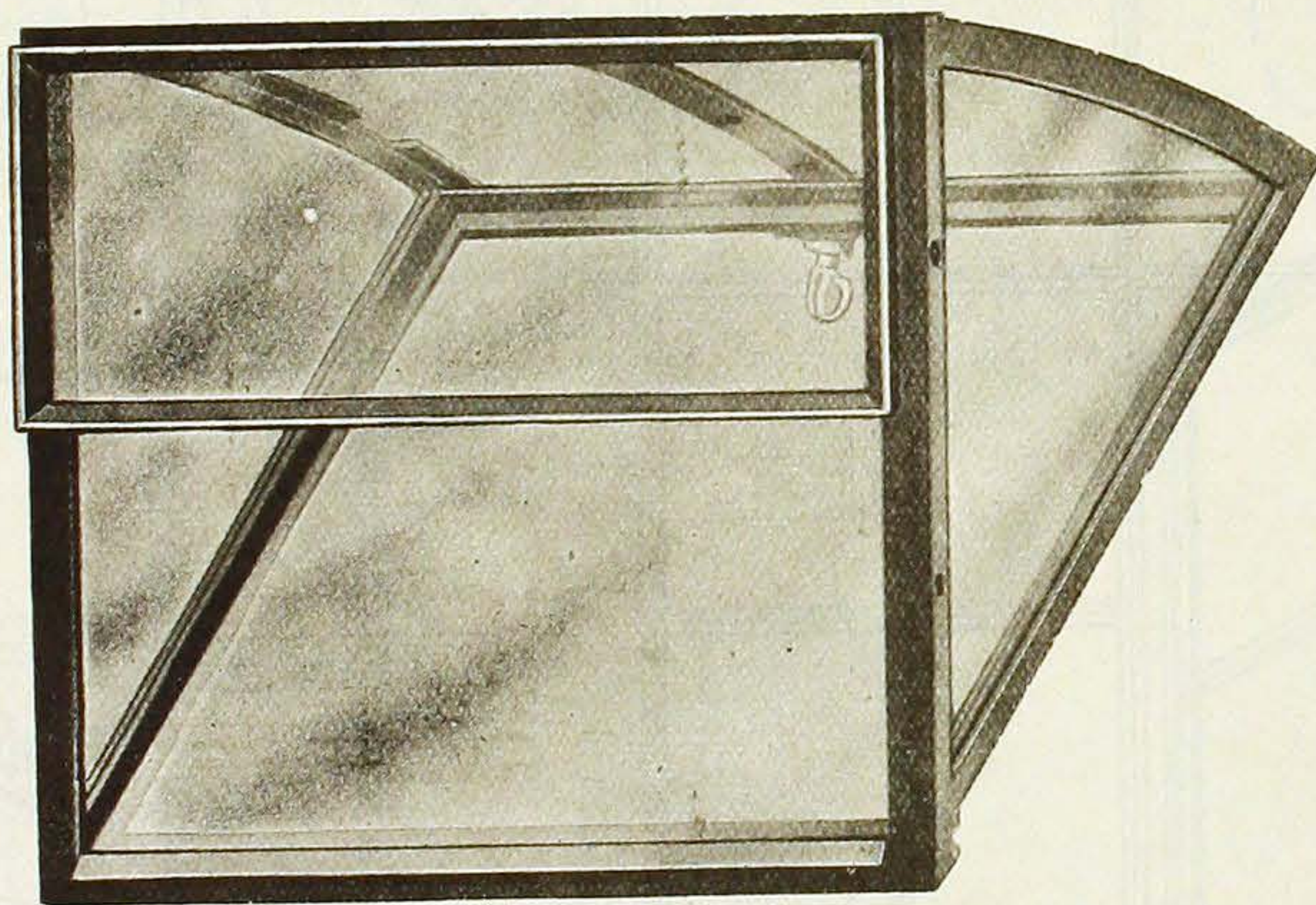
No. PHO 9009

THE "FORWARD" Baffler Hopper Casement, has principles that give it a distinct advantage over any similar system of ventilation, and which are being constantly enquired for by School Inspectors.

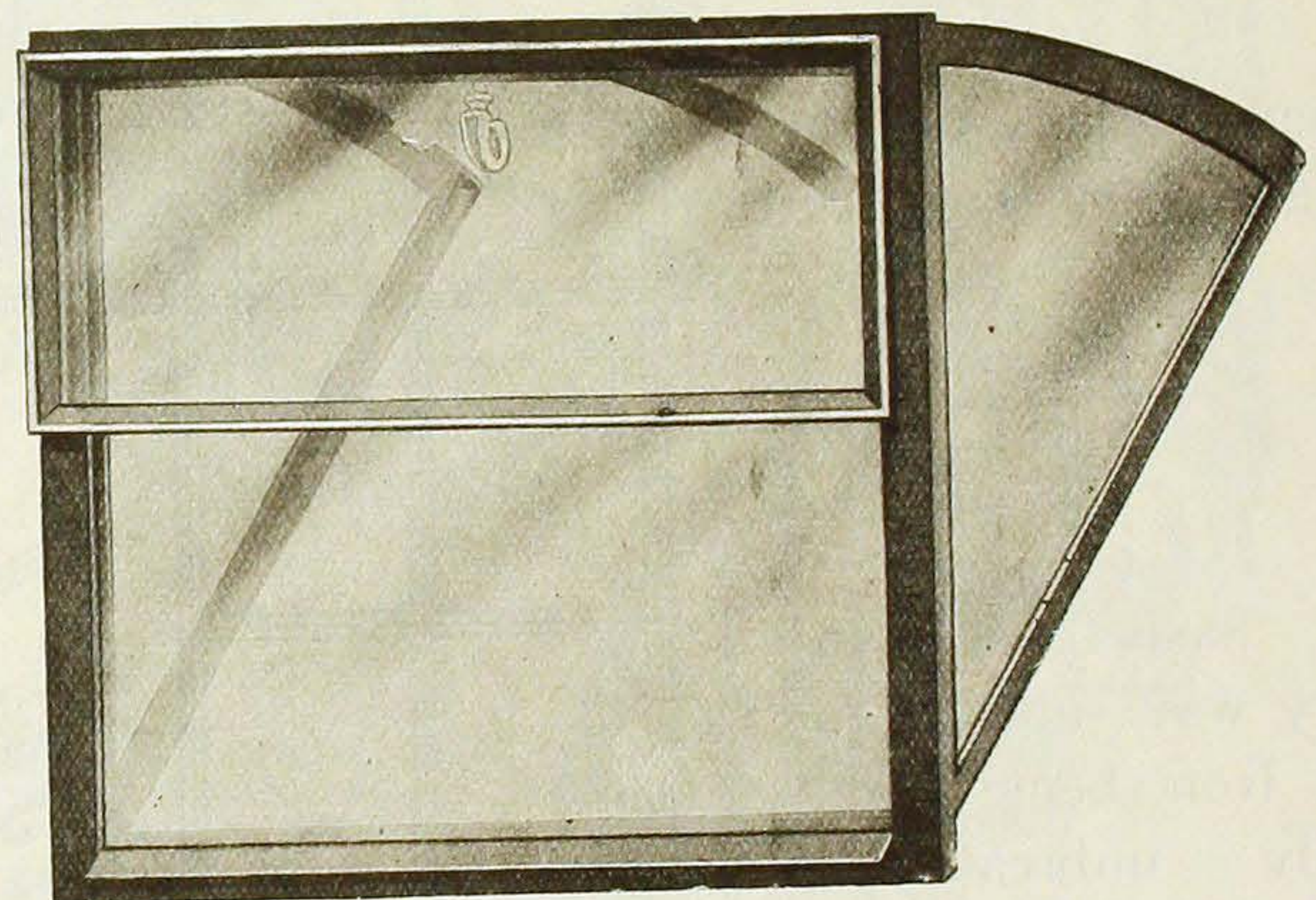
Through the "FORWARD" Hopper a continuous inlet of air is obtained, which, by the formation of the Hopper is directed upwards, thus allowing the fresh air to enter without any dangerous direct draughts.

The "FORWARD" Hopper is particularly adapted for Churches, Schools, Institutions, or other buildings where **ventilation without draught** is required, and where appearance is not sacrificed for utility.

We shall be glad to call with a model to illustrate its superiority.



Open.



Closed.

Wrought Steel "FORWARD" Baffler Hopper Casement and Frames, with side cheeks prepared for glazing. Fitted with strong Gun-metal Spring Catch with bracket and pulley to open and close with cords, or with eye to work with hook.

Section No. H1 is 1 in. $\times$ $\frac{3}{4}$ in. $\times$ $\frac{3}{16}$ in. outside frame and $\frac{3}{4}$ in. $\times$ $\frac{1}{2}$ in. $\times$ $\frac{3}{16}$ in. inside frame.

Section No. H2 is 1 in. $\times$ 1 in. $\times$ $\frac{1}{8}$ in. " " " $\frac{3}{4}$ in. $\times$ $\frac{3}{4}$ in. $\times$ $\frac{1}{8}$ in. " "

Number.	Height.	Section No. H1.	Section No. H2.	Filletted for Grooved Mullions.
No. PHO 9009	2 ft. and under	26/3 per pair.	25/- per pair.	3/- per casement.
	2 ft. 6 in. "	27/- "	25/6 "	3/9 " "
	3 ft. 0 in. "	28/6 "	27/- "	4/6 " "

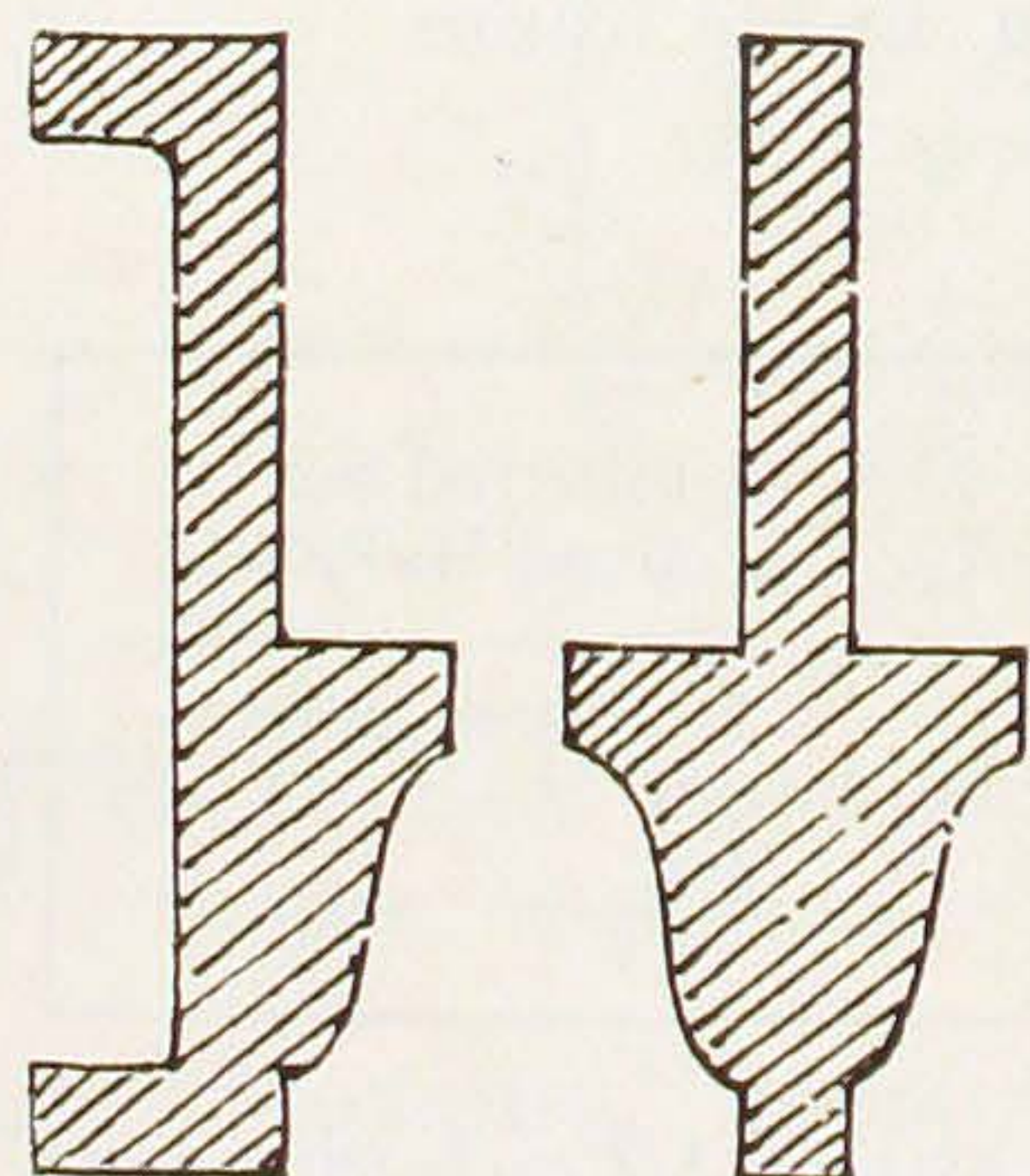
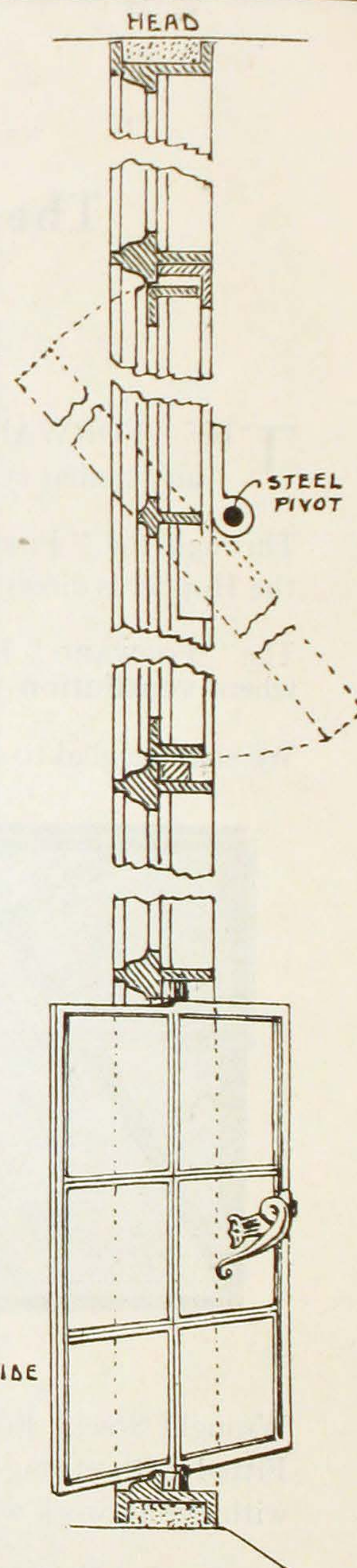
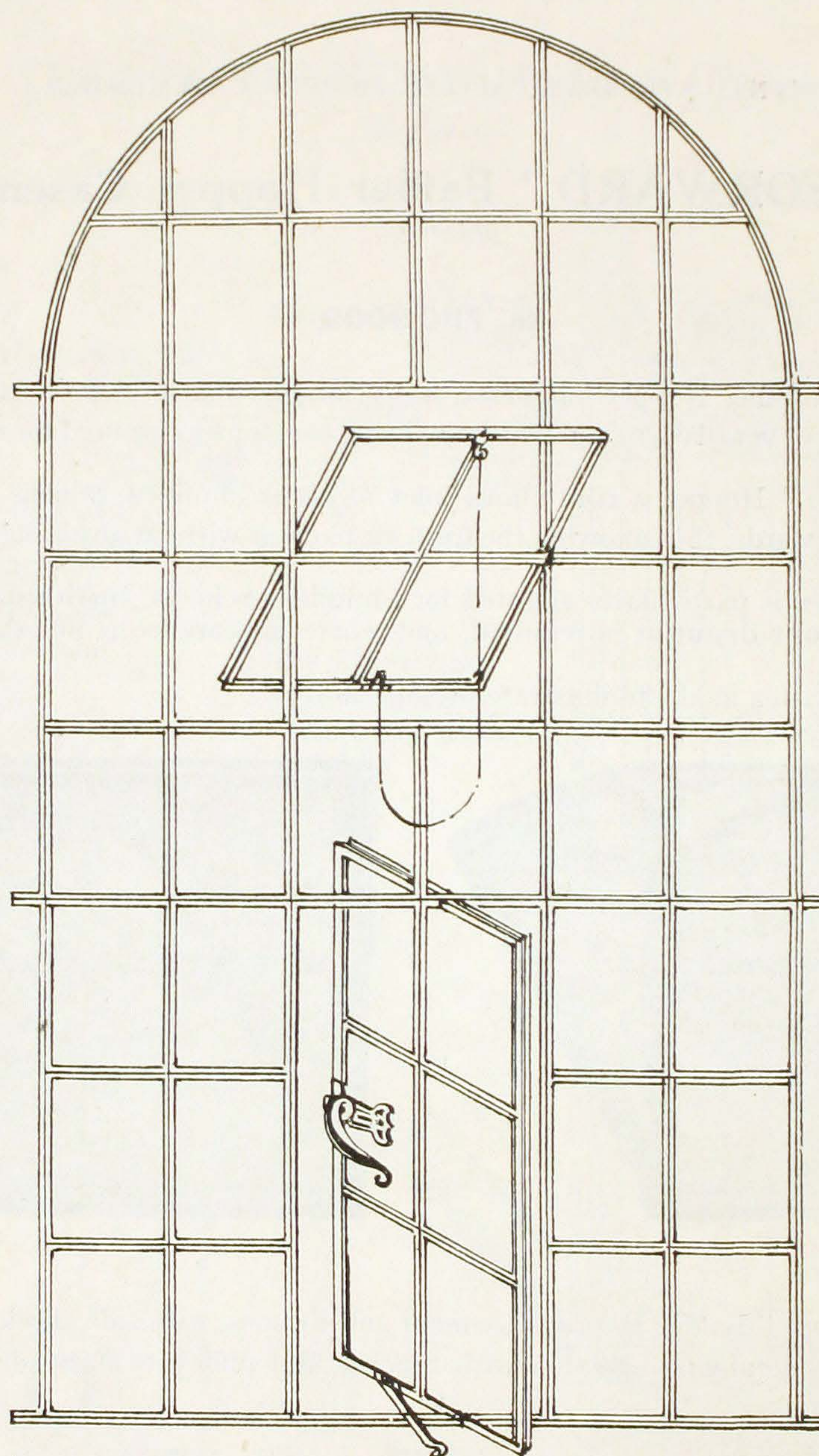
Extras.—Saddle Bars, 9d. each. Quadrants, 2/3 each. Casements divided into panes for glazing, 1/2 each pane extra. Frames may be had with rebates for glass at top and bottom at same prices as above if desired.

Wrought Steel Sashes

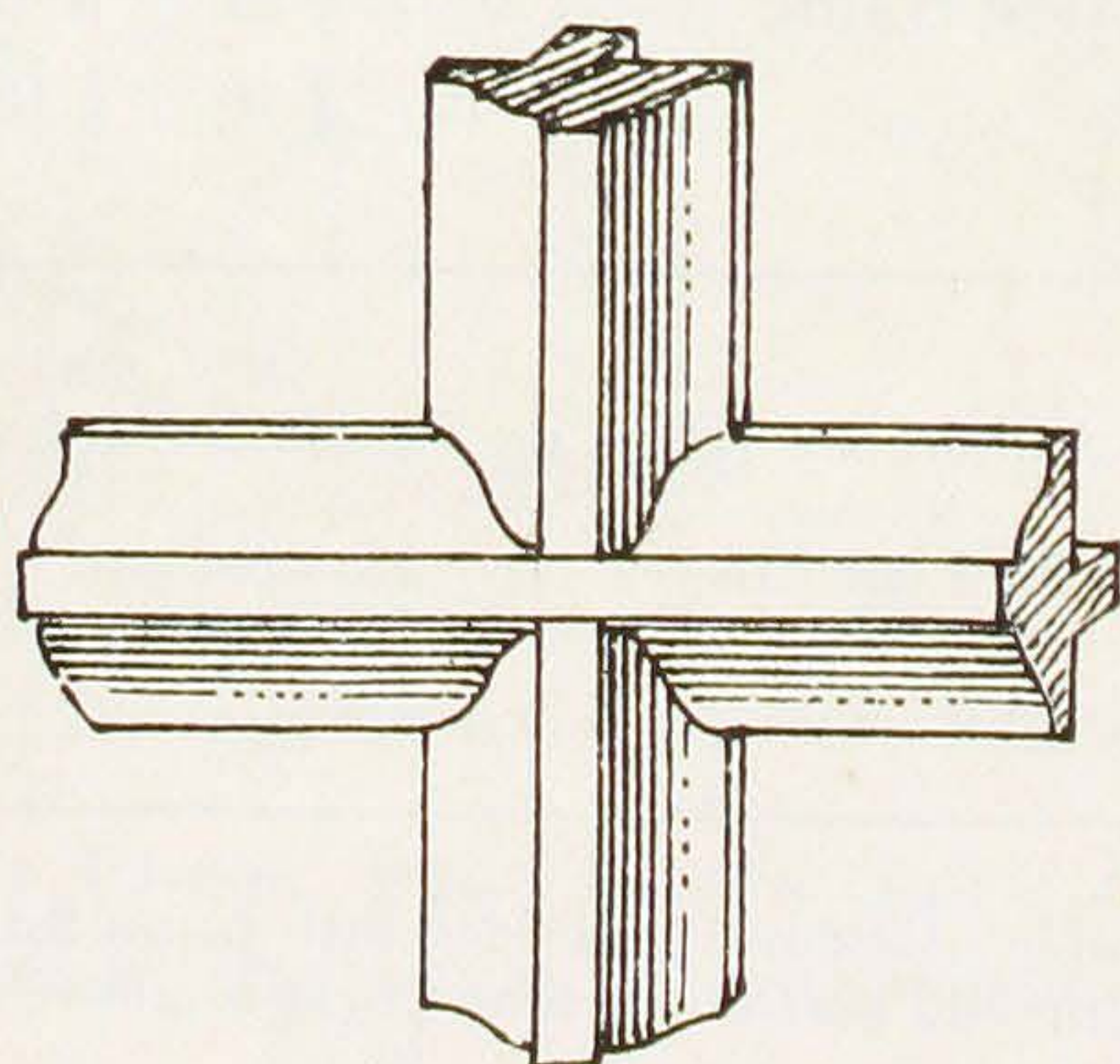
Casement hung on centre pivots, fitted with spring catch, cord eyes and pulley.

Casement vertically hung, for easy cleaning.

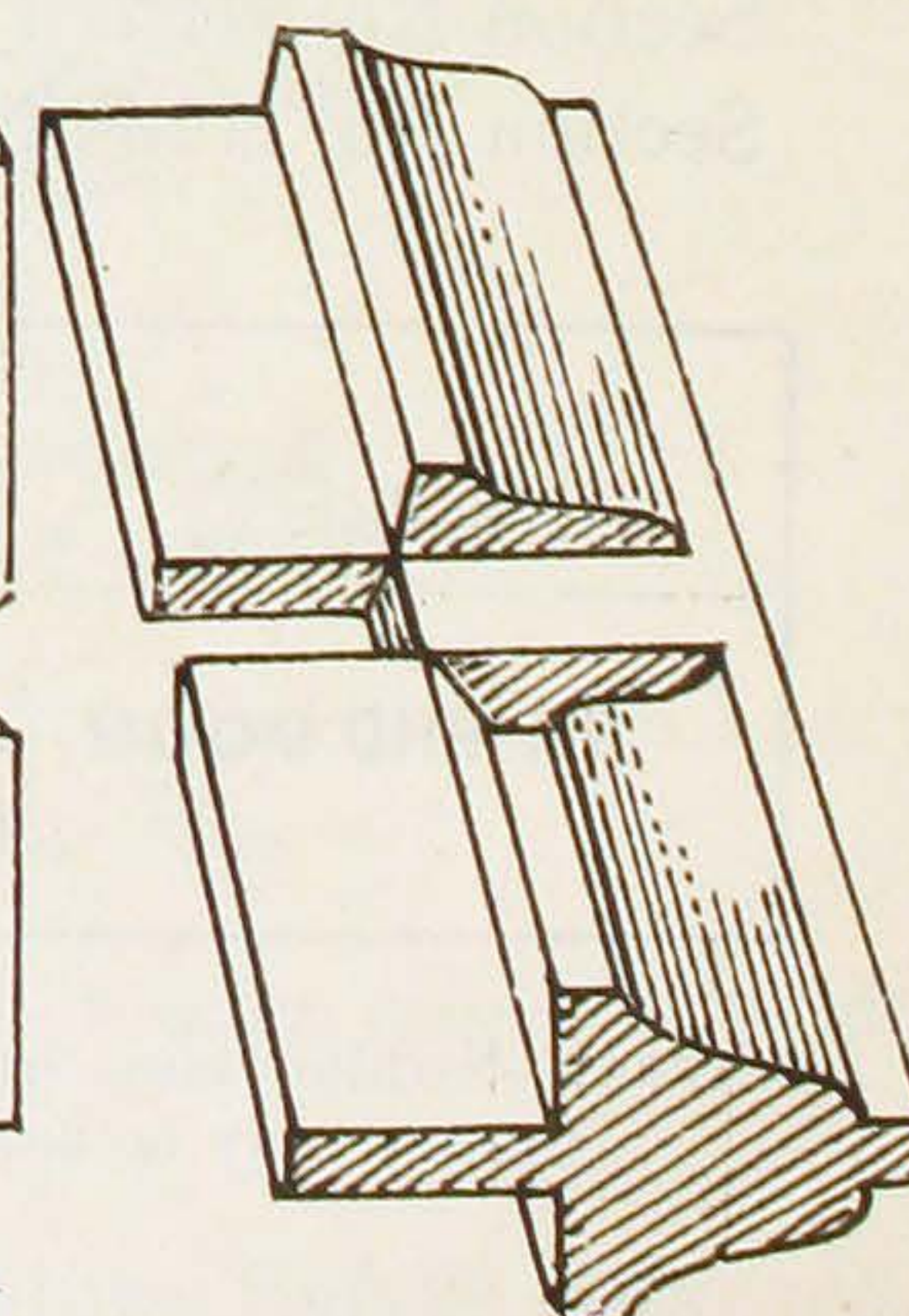
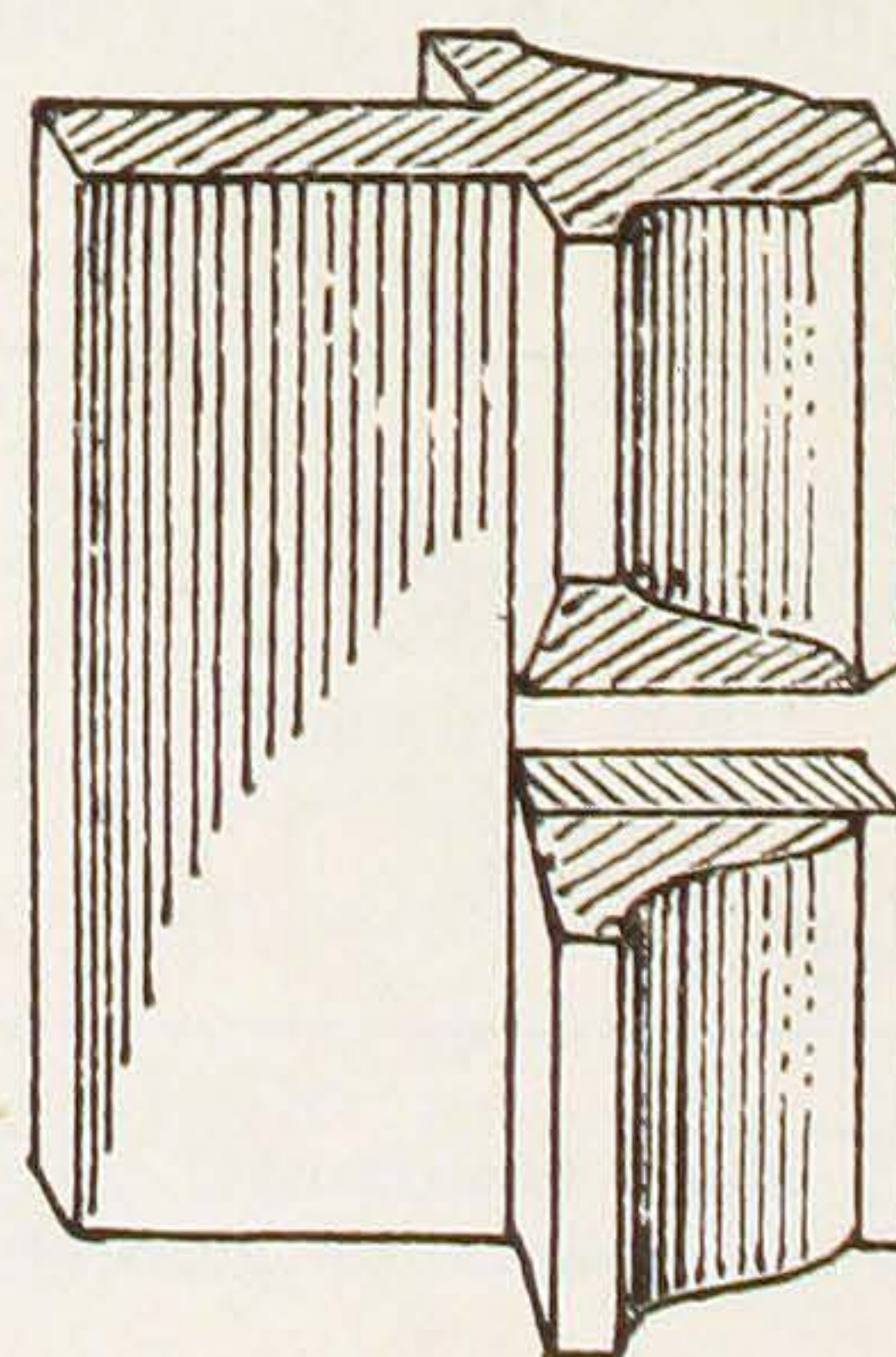
The Sashes are in every way superior to Cast Iron, being practically unbreakable, and offer less obstruction to light.



FULL SIZE
SECTIONS

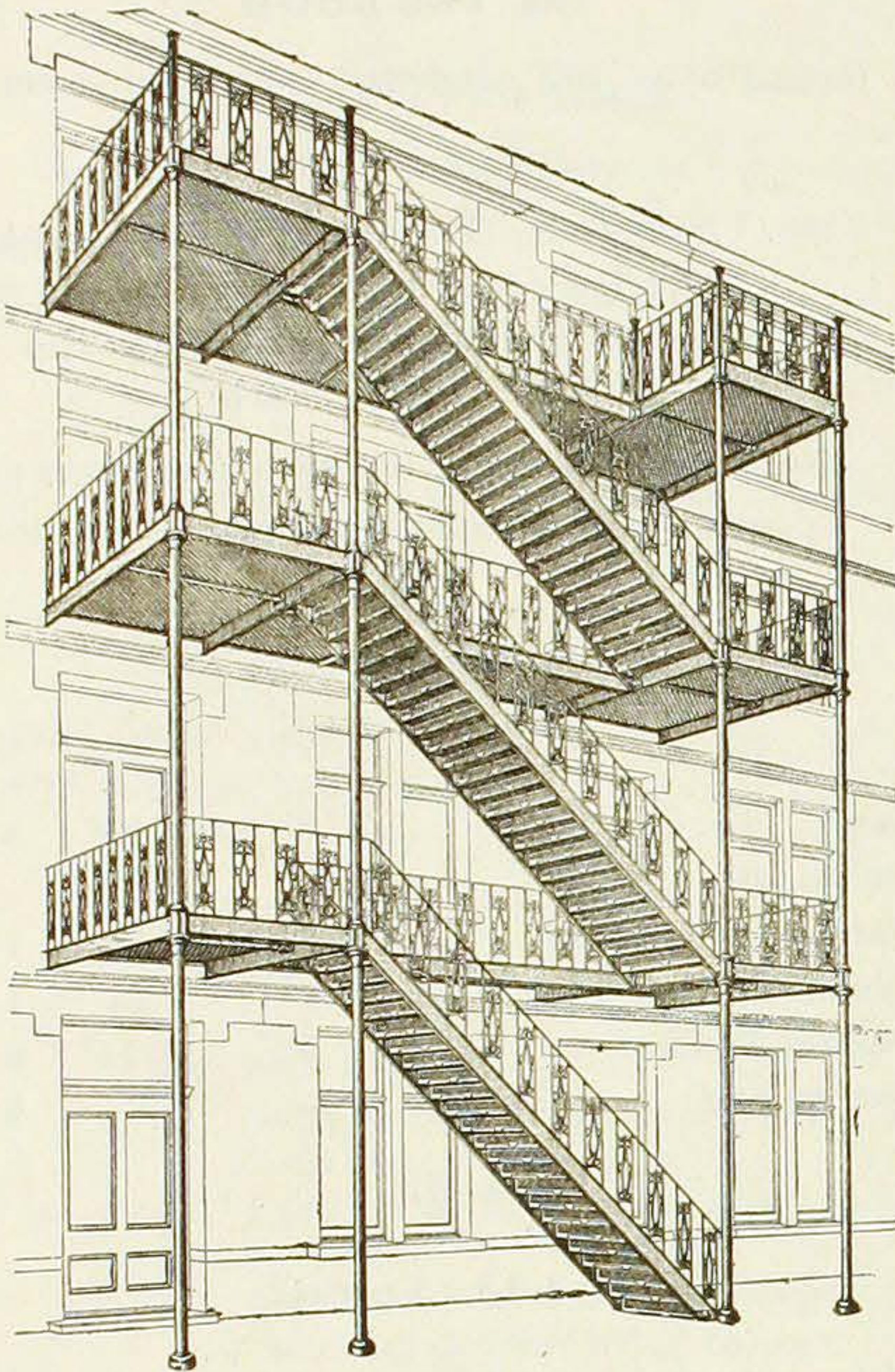


Complete joint. Showing formation of joint.



Special Prices quoted against Specification.

Cast Iron Fire Escape and Spiral Stairs.

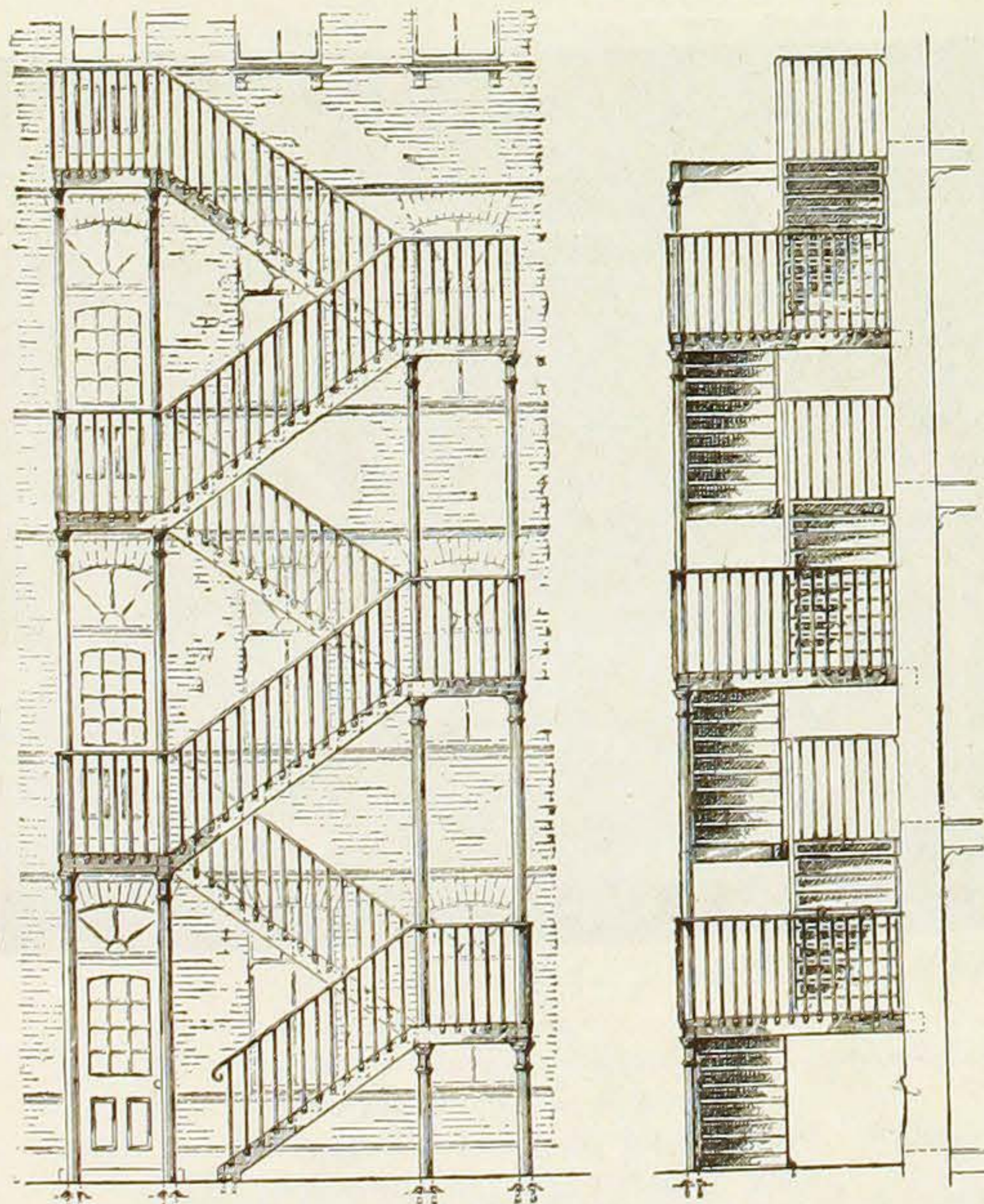


No. PHO 9160

Ornamental Pattern.

Suitable for large residences, hotels, etc.

Quotations on receipt of plan and specification.



No. PHO 9161

London County Council Regulation Pattern.

Suitable for factories, warehouses, etc. Usually placed in rear of building.

Quotation on receipt of plan and specification.

Usual Sizes :

3' 6"	diameter.
4' 0"	"
4' 6"	"
5' 0"	"
5' 6"	"
6' 0"	"

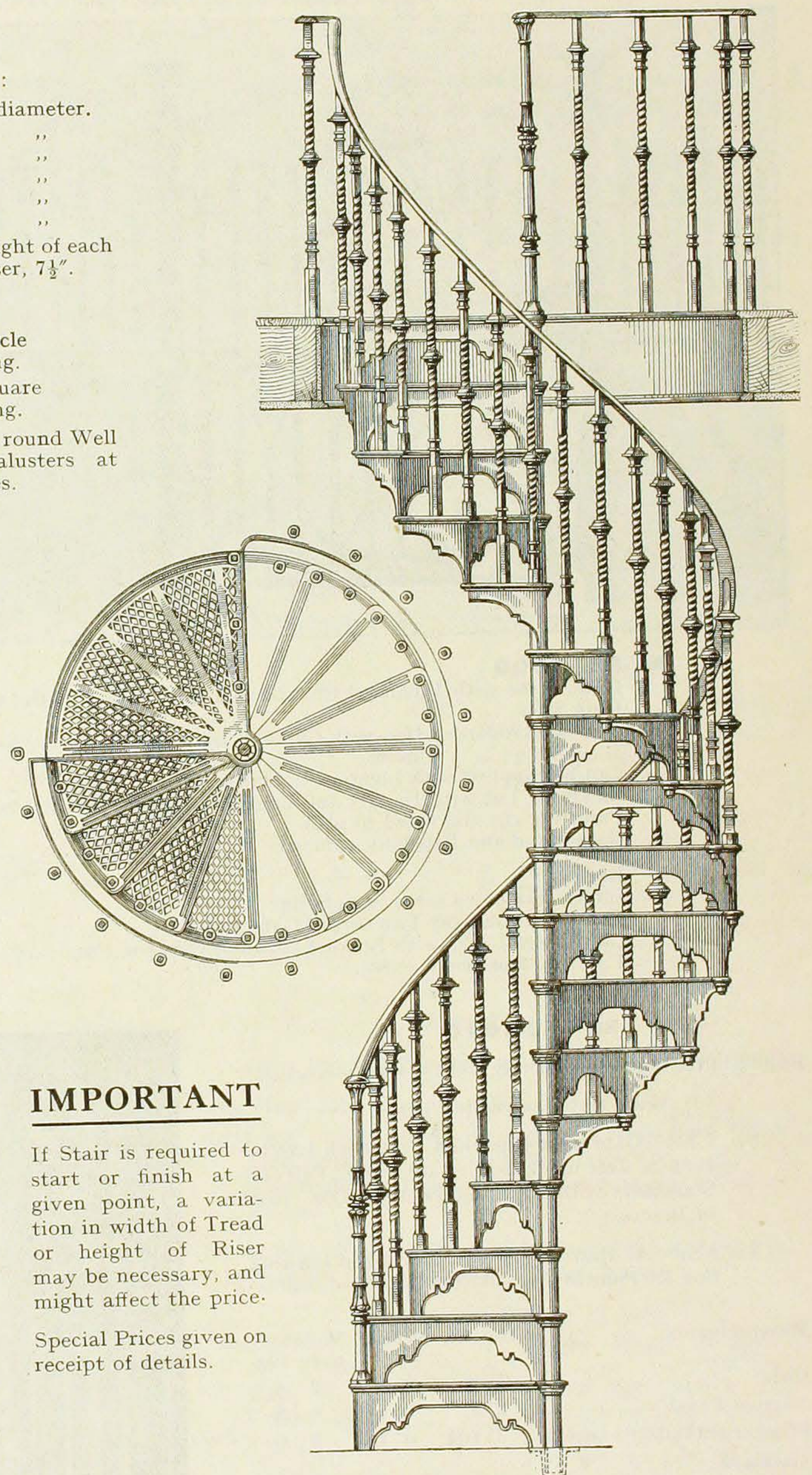
Approx. height of each step and riser, $7\frac{1}{2}$ ".

Extras :

Quarter Circle Landing.

Quarter Square Landing.

Balustrade round Well hole. Balusters at 9" centres.



IMPORTANT

If Stair is required to start or finish at a given point, a variation in width of Tread or height of Riser may be necessary, and might affect the price.

Special Prices given on receipt of details.

No. PHO 9162

Radius	1' 6"	1' 9"	2' 0"	2' 0"	2' 3"	2' 6"	2' 9"	3' 0"
Lbs. each	42	43	44	49	45	49	53	59
Per step	27/6	27/6	28/6	31/3	29/6	30/9	31/6	38/6

No. PHO 9162 Spiral Stair.

To enable customer to arrive at price per stair, the average height per step is $7\frac{1}{2}$ ".

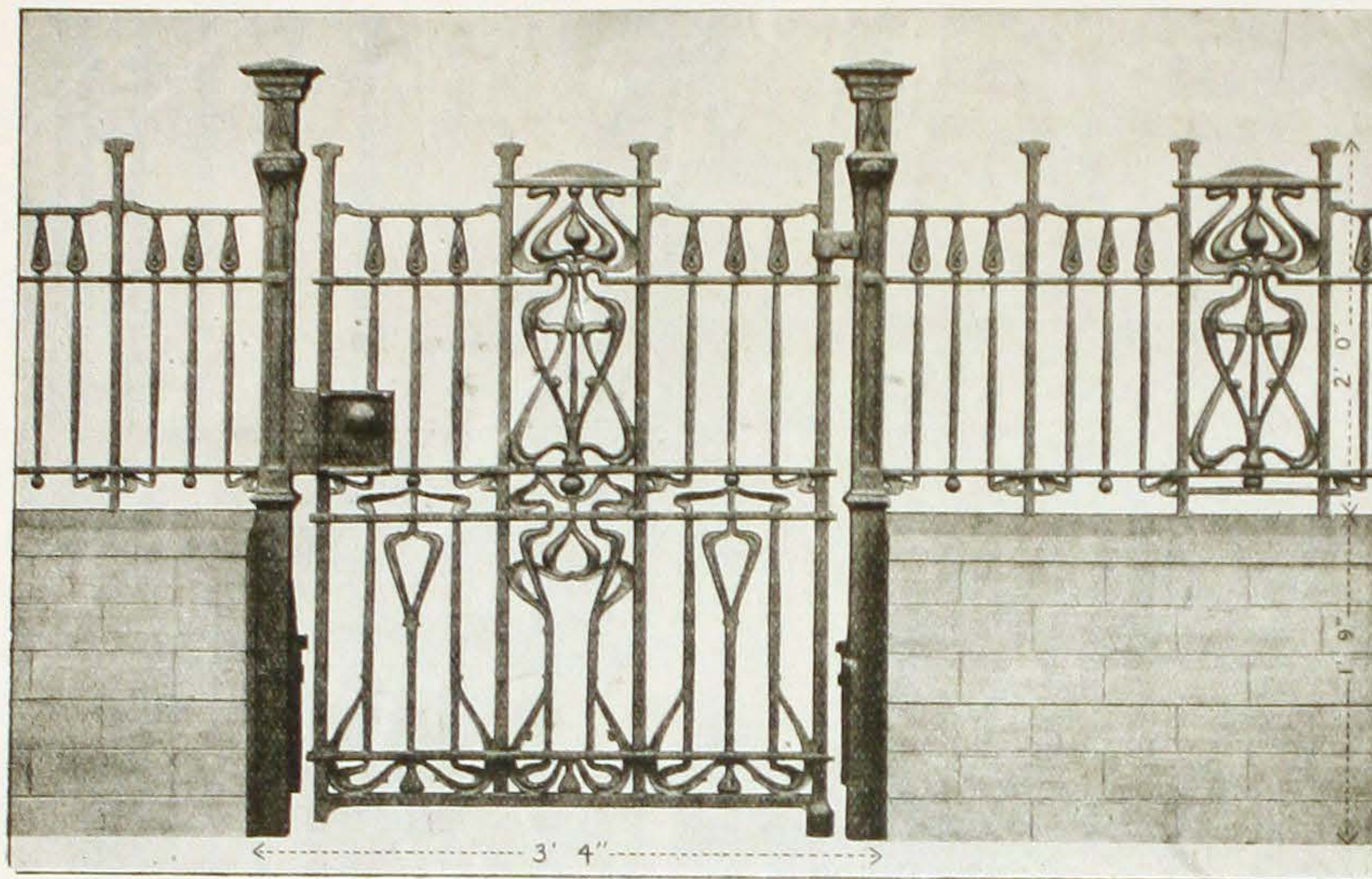
If with two Balusters to each step, extra ... 4/6 per step.
8 lbs. "

Landing Plates	3' 0" to 5' 0"	5' 0" to 6' 0"
Quarter Circle each extra	25/6	52/6
" Square "	50/9	64/9

Balustrade on landing and around well-hole at 9" centres, extra	8/9 per foot. 13 lbs.
---	--------------------------

" B " Basis.

Artistic Cast Iron Gates and Railings



No. PHO 5009

Railing fitted and numbered ready for re-erection.

Gate Metal consisting of:—

No. 1 Set—Gate, fitted Japanned Drawback Latch Lock or with lift-up Latch, Gate Step. Pair of Standards fitted with clip and locking box. Pair of braces.

No. 2 Set—As above, but with hanger and locking box for piers in place of standards and braces.

Measurements:

	Height.	Width.	Weight.
			qrs. lbs.
Gate	3' 9"	2' 9½"	3 8
Standards—			
Hanging or Locking	4' 2½"	0' 2"	1 20
Panel	2' 0"	3' 2½"	1 11
Pilaster Panel	3' 9"	0' 11"	0 21
Braces, pair	—	—	0 13

£ s. d.

No. PHO 5009

Gate, fitted with Japanned Drawback Latch Lock, or with Lift-up Latch ...

Gate Step ...

Pair of Standards fitted with Clip and Locking Box ...

Braces ...

Can be supplied with Lighter Standards ...

As above, but with Hanger and Locking Box for Piers, in place of Standards and Braces ...

Panelling cut and fitted to plan ...

Gate Metal and Panelling unfitted ...

3 13 3 per set.

2 19 6

2 6 6

0 16 0 per yard.

1 12 3 per cwt.

Extras:

Intermediate or Corner Standards ...

Pilaster, extra over Two sets of Gate Metal ...

Galvanized Locks with Brass Wards and Octagon Furniture ...

Painted, 5 per cent. extra.

Extra 0 5 6 each.

0 8 6

0 4 0 each nett.

No. PHO 5010

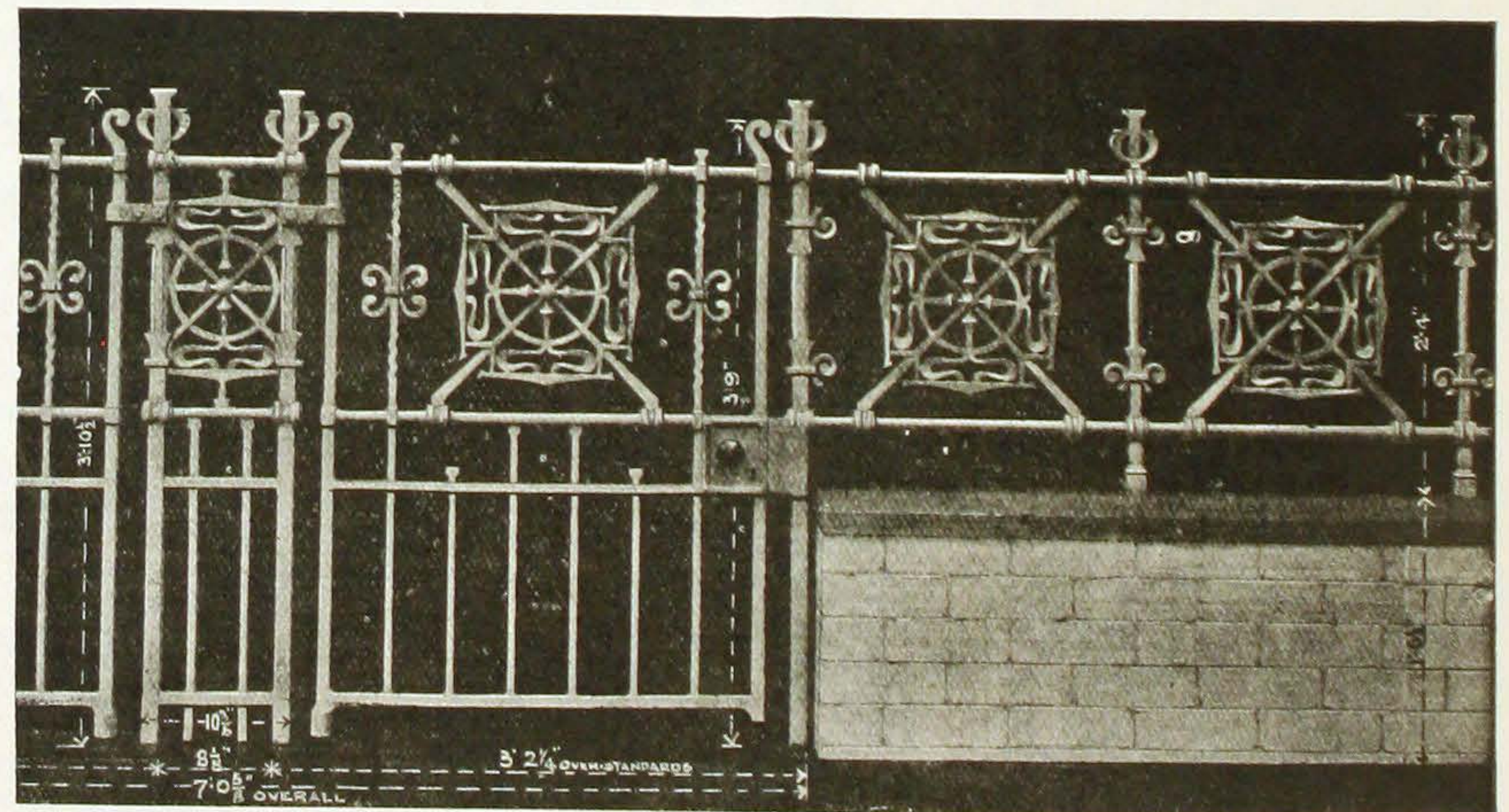
Railing fitted and numbered, ready for re-erection.

Gate Metal consisting of:—

No. 1 Set—Gate with Japanned Drawback Latch, Bolt or Lift-up Latch, Gate Step, Pair of Standards with Clip and Locking Box, pair of Braces.

No. 2 Set—As above, but with Hanger and Locking Box for Piers in place of Standards and Braces.

Measurements.	Height.	Width.	Weight.
			qrs. lbs.
Gate	3' 9"	2' 8"	2 8
Narrow Panel	2' 4"	0' 4¾"	0 8
Pilaster (Standards cast on)	3' 10½"	0' 10¾"	2 0
Standards—			
Hanging or Locking	3' 10½"	0' 4"	0 19
Broad Panel	2' 4"	0' 17¼"	0 10½
Braces (pair)	—	—	0 9



No. PHO 5010

Gate, fitted with Japanned Drawback Latch Lock, or with Lift-up Latch ...

Gate Step ...

Pair of Standards fitted with Clip and Locking Box ...

Braces ...

As above, but with Hanger and Locking Box for Piers in place of Standards and Braces ...

Broad Panels ...

Narrow Panels or Intermediate Standards ...

Gate Metal and Panels unfitted ...

£ s. d.

2 10 0 per set.

2 0 9

0 3 2 each.

0 3 2

1 15 2 per cwt.

Extras:

Pilaster, extra over Two Sets of Gate Metal ...

¾" Round Iron, or Gas Barrel to suit (¾" diameter outside) ...

Galvanized Locks with Brass Wards and Octagon Furniture ...

Painted, 5 per cent. extra.

Extra 0 6 9 each.

0 1 4 per foot.

0 4 0 each nett.

Artistic Cast Iron Gates and Railings

No. PHO 5027

Railing fitted and numbered ready for re-erection.

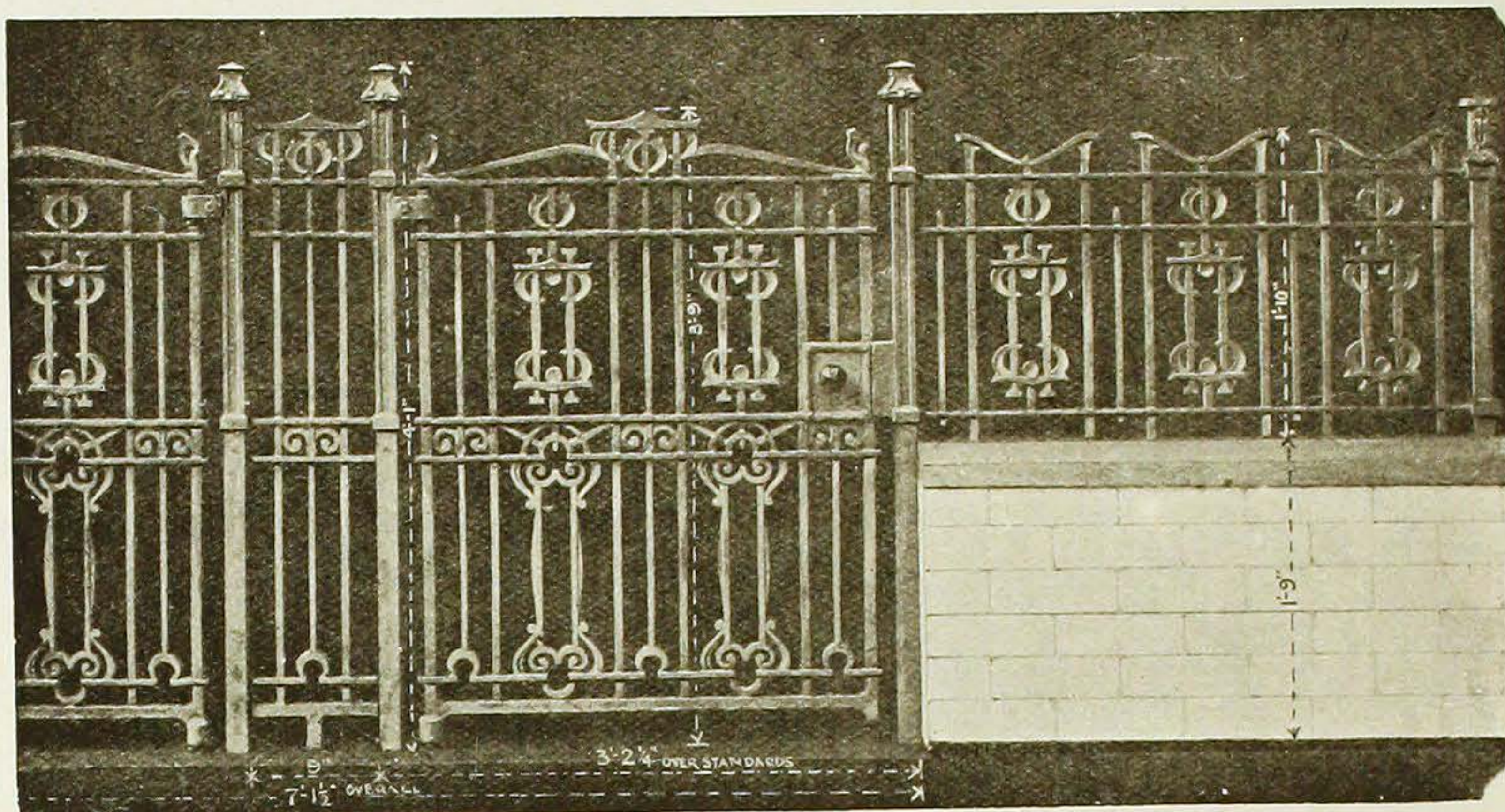
Gate Metal consisting of—

No. 1 Set. Gate, fitted with Japanned Draw-back Latch Lock, or with Lift-up Latch. Gate Step. Pair of Standards fitted with clip and Locking Box. Pair of Braces.

No. 2 Set. As above, but with hanger and locking box for piers in place of standards and braces.

Measurements :

	Height.	Width.	Weight.
			qrs. lbs.
Gate	3' 9"	2' 8 $\frac{1}{4}$ "	2 25
Standards, hanging or			
Locking	4' 1"	0' 1 $\frac{1}{2}$ "sq	1 5
Panel	1' 10"	3' 2"	1 6
Pilaster Panel ...	3' 9"	0' 9"	0 20
Braces, pair ...	—	—	0 9



No. PHO 5027

	£	s.	d.
Gate, fitted with Japanned Draw-back Latch Lock, or with Lift-up Latch	3	4	6 per set.
Gate Step			
Pair of Standards fitted with Clip and Locking Box			
" " Braces	2	2	6
As above, but with Hanger and Locking Box for Piers in place of Standards and Braces	0	12	3 per yard.
Panelling cut and fitted to plan	1	15	3 per cwt.
Gate Metal and Panelling unfitted			

Extras :

Intermediate or Corner Standards	Extra	0	4	8 each.
Pilaster, extra over Two Sets of Gate Metal		0	8	6
Galvanized Locks with Brass Wards and Octagon Furniture		0	4	0 each, nett.
Painted, 5 per cent. extra.				

No. PHO 5028

Railing fitted and numbered ready for re-erection.

Gate Metal consisting of :—

No. 1 Set. Gate, fitted with Japanned Draw-back Latch Lock or with Lift-up Latch. Gate Step. Pair of Standards fitted with Clip and Locking Box. Pair of Braces.

No. 2 Set. As above, but with hanger and locking box for Piers in place of Standards and Braces.

Measurements :

	Height.	Width.	Weight.
			qrs. lbs.
Gate	3' 9"	2' 9 $\frac{1}{2}$ "	2 21
Standards... ..	4' 2"	0' 1 $\frac{1}{2}$ "	1 6
Panel	2' 0"	3' 2"	1 9
Pilaster	3' 9"	0' 11"	0 20
Braces, pair ...	—	—	0 8

£ s. d.

No. PHO 5028

Gate, fitted with Japanned Draw-back Latch Lock, or with Lift-up Latch	3	6	6 per set.
Gate Step			
Pair of Standards fitted with Clip and Locking Box			
" " Braces	2	4	0
As above, but with Hanger and Locking Box for Piers in place of Standards and Braces	0	12	9 per yard.
Panelling cut and fitted to plan	1	15	3 per cwt.
Gate Metal and Panelling, unfitted			

Extras :

Intermediate or Corner Standards	Extra	0	5	0 each.
Pilaster, extra over Two Sets Gate Metal		0	8	6
Galvanized Lock with Brass Wards and Bolts		0	4	0 each nett.
Painted, 5 per cent. extra.				

"A" Basis.

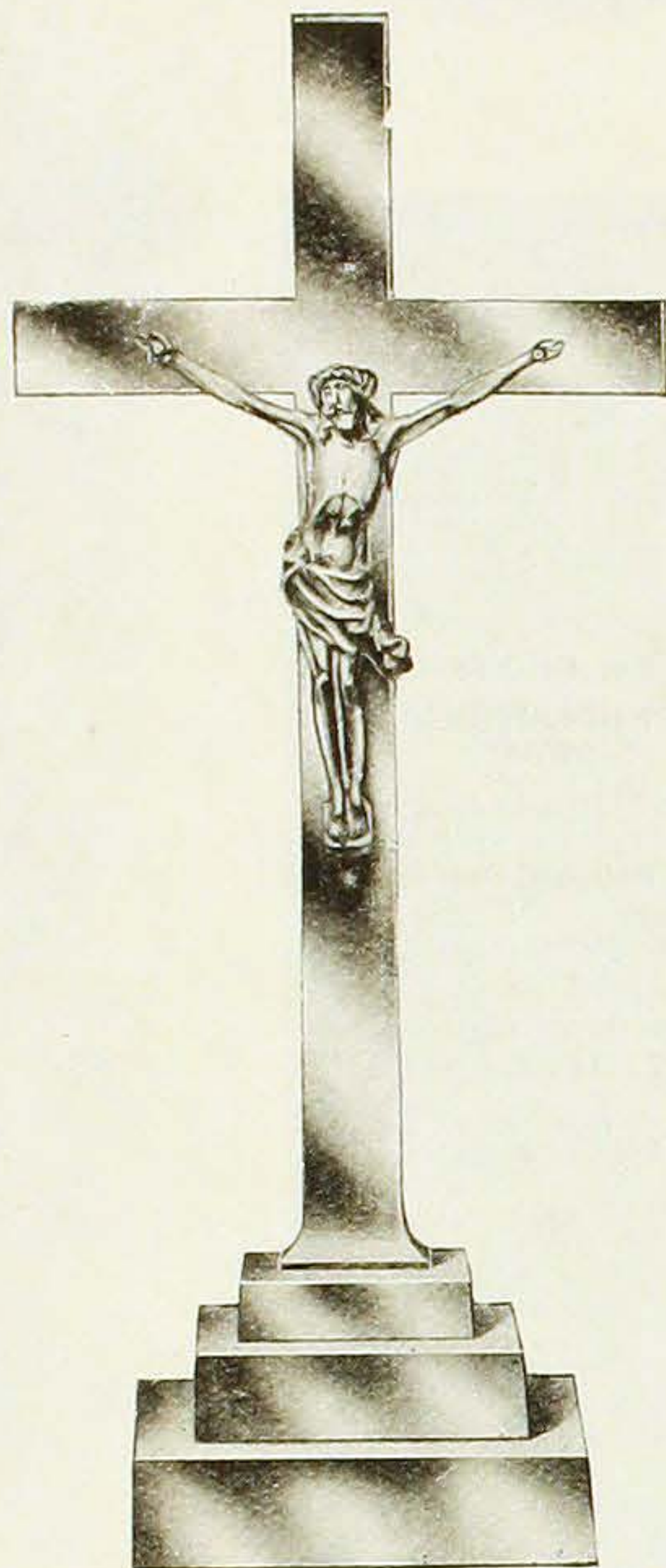
Around
the Altar

Church

Furniture

ALTAR CROSS.
No. PHO 8815

NOTE.
"Half Steps"
implies that the
steps do not
completely sur-
round the base,
thus giving a flat
back.



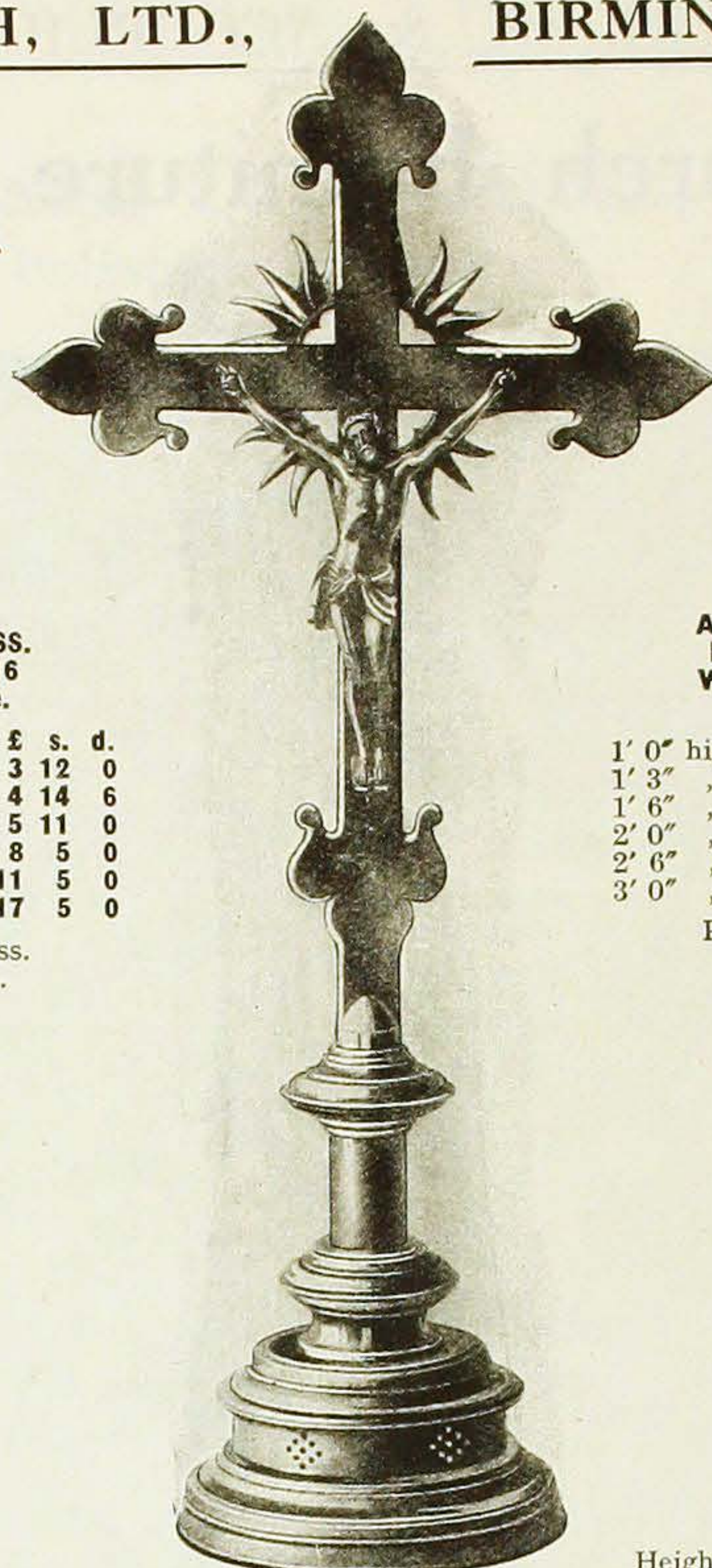
ALTAR CROSS No. PHO 8815

Height.	Polished Brass.		Priced each.		With Half	
	Without Figure.	With Figure.	With Half Steps and without Figure.	With Half Steps and with Figure.	With Half Steps and with Figure.	With Half Steps and with Figure.
6"	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1' 0"	0 15 0	1 1 0	0 12 0	0 18 0	0 18 0	0 18 0 each.
1' 3"	2 10 6	3 5 6	2 2 0	2 17 0	2 17 0	"
1' 6"	4 3 6	5 12 6	3 8 6	4 17 6	4 17 6	"
2' 0"	7 2 6	9 4 0	6 0 0	8 1 6	8 1 6	"
2' 6"	12 0 0	16 10 0	9 15 0	14 5 0	14 5 0	"
3' 0"	16 2 6	21 7 6	13 10 0	18 15 0	18 15 0	"

ALTAR CROSS.
No. PHO 8816
With Figure.

Height	£	s.	d.
1' 0" high	3	12	0
1' 3" "	4	14	6
1' 6" "	5	11	0
2' 0" "	8	5	0
2' 6" "	11	5	0
3' 0" "	17	5	0

Polished Brass.
Priced each.

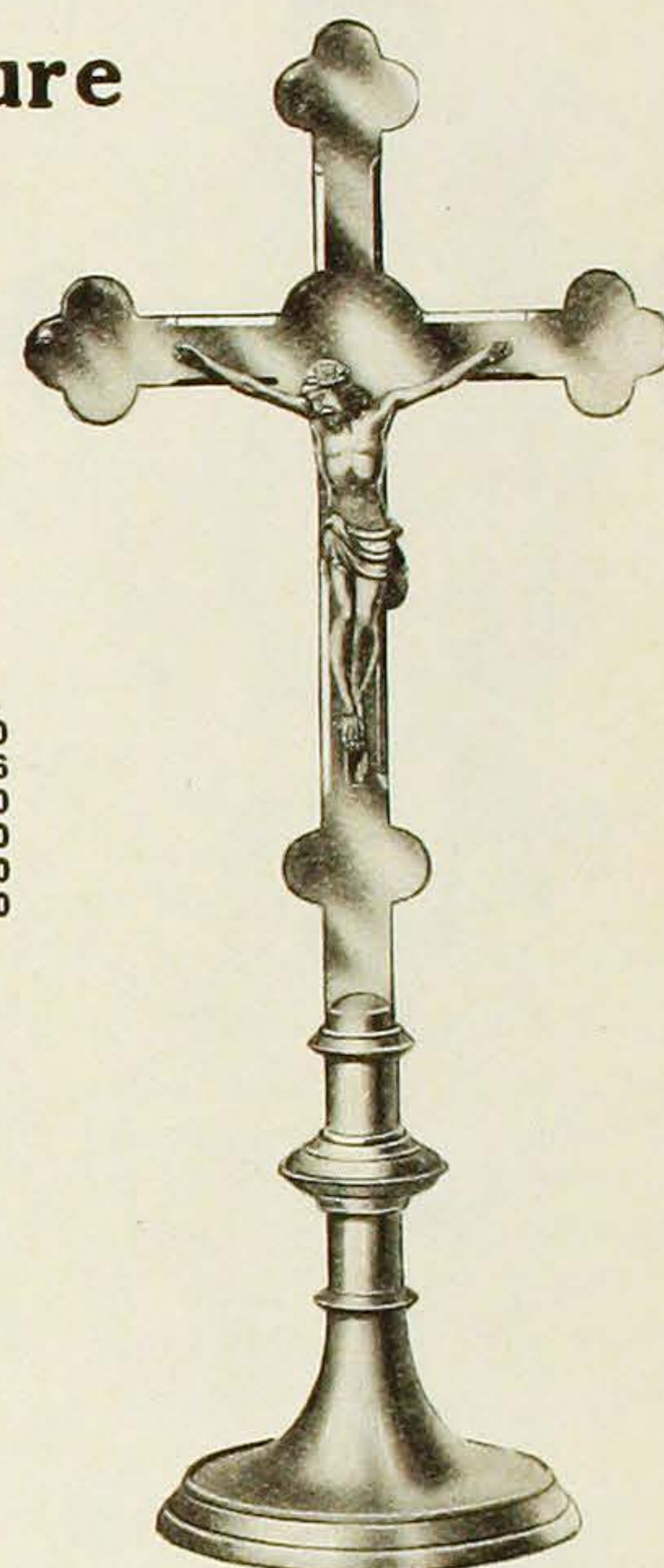


No. PHO 8816

ALTAR CROSS.
No. PHO 8816
Without Figure.

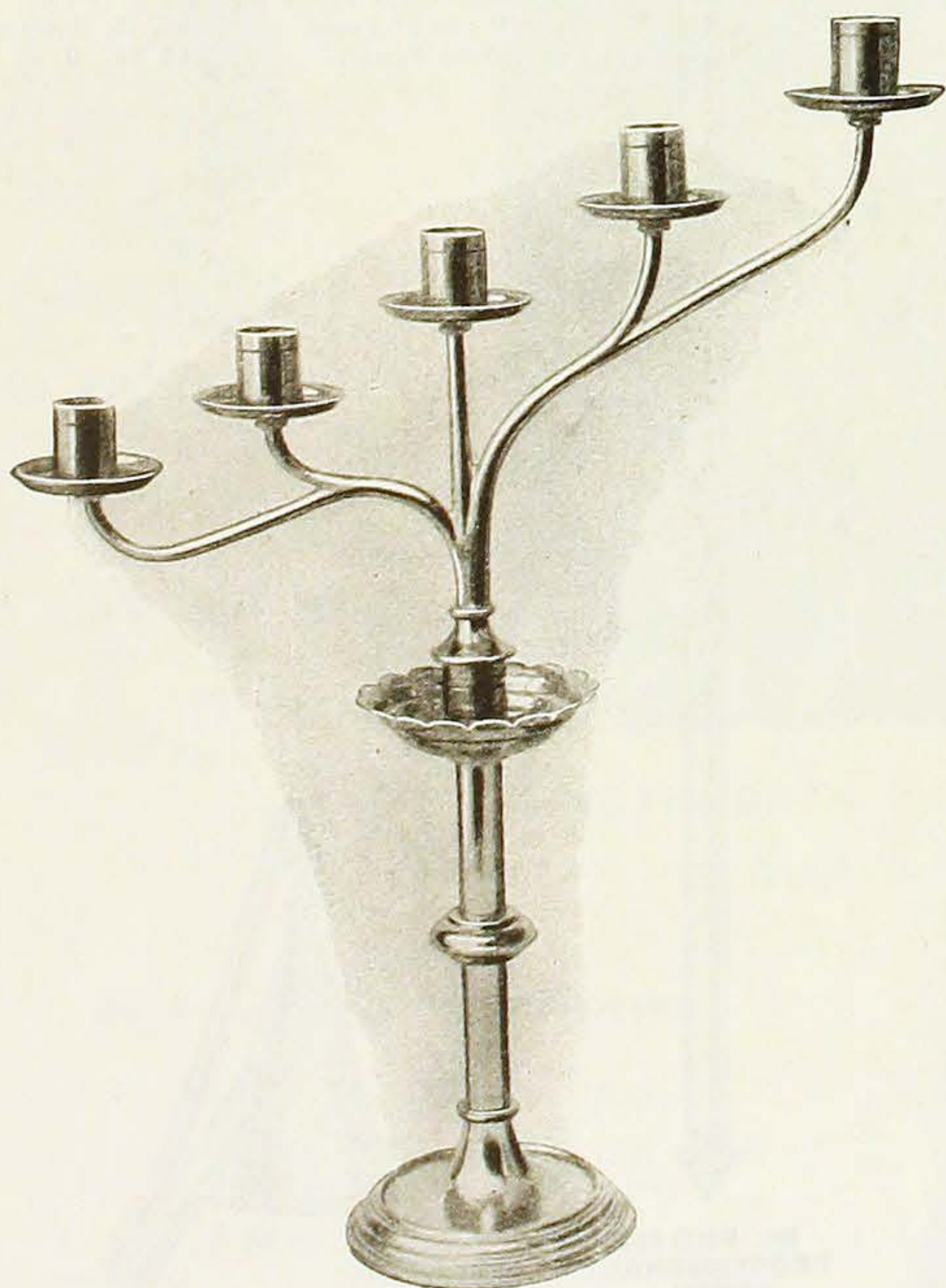
Height	£	s.	d.
1' 0" high	3	3	0
1' 3" "	4	2	6
1' 6" "	4	16	0
2' 0" "	6	15	0
2' 6" "	9	0	0
3' 0" "	13	10	0

Polished Brass.
Priced each.



ALTAR CROSS. No. PHO 8817
Polished Brass. Priced each.

Height	4"	9"	1' 3"	2' 0"	2' 9"	3' 0"
With Figure	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
With Figure	0 12 0	1 2 6	2 9 0	6 0 0	9 6 0	12 15 0
Without Figure	0 7 6	0 16 6	1 17 6	4 10 0	7 1 0	9 0 0

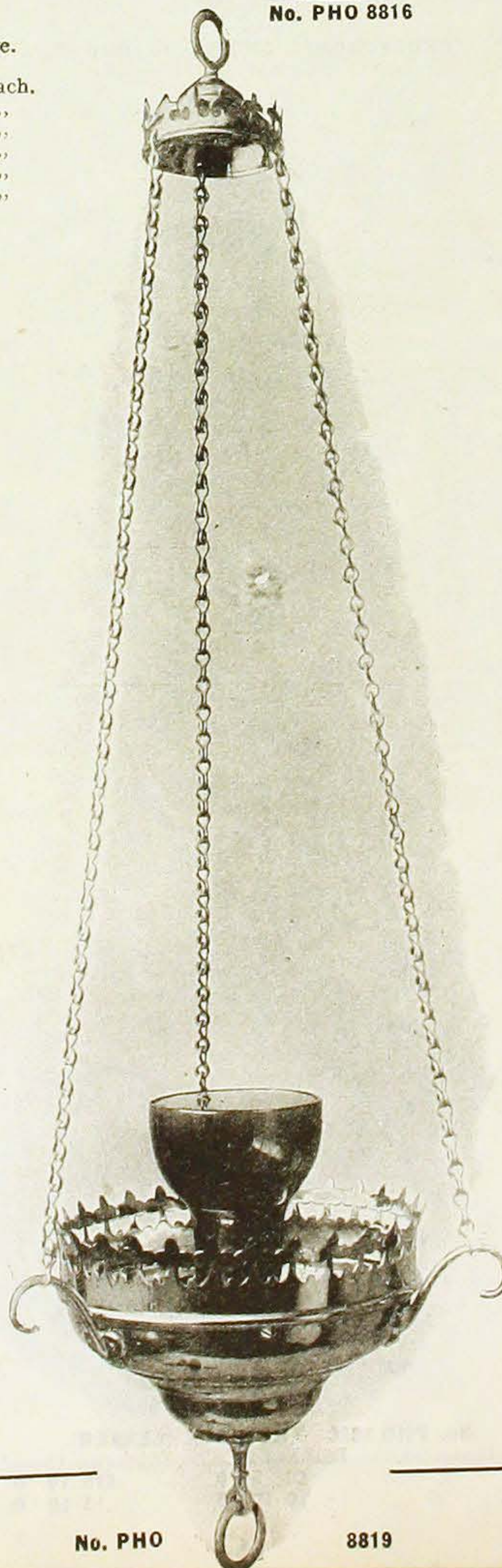


BRANCH CANDLESTICK. No. PHO 8818

No. of Candles.	3	3	3	3	4	5	7
Hgt.	5 1/2"	7 1/2"	9 1/2"	1' 0"	1' 3"	1' 5"	1' 7"
	6/6	11/6	17/6	22/6	28/6	37/6	60/- each.

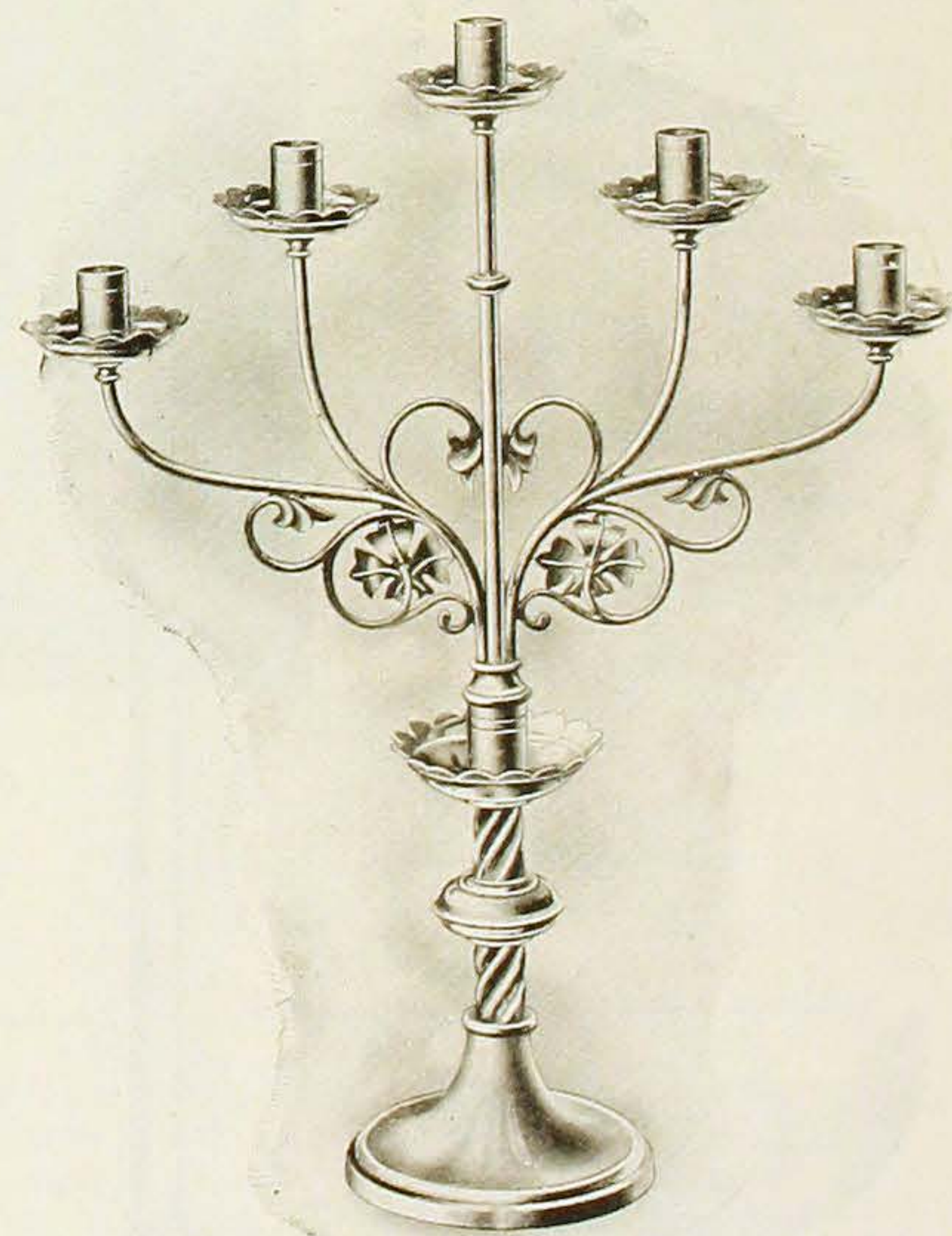
As above but larger and more massive.

No. of Candles 5, height 1' 9"	£3 11 6 each.
" " 7 " 2' 1"	£4 10 0 "



No. PHO

8819



BRANCH CANDLESTICK. No. PHO 8820 Polished Brass.
No. of Candles, 5; height 1' 6" £4 10 0 each.

SANCTUARY LAMP. No. PHO 8819
With Ruby or Blue Glass (same prices).

Diameter	4 1/2"	6"	8"	10"	12"
Polished Brass	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Polished Brass	1 7 0	2 14 0	3 12 0	5 5 0	7 10 0
Electro Plated	2 5 0	4 4 0	5 16 6	7 17 6	10 10 0

Church Furniture For the Procession



No. PHO 8822
ALL BRASS
PROCESSIONAL
CROSS.

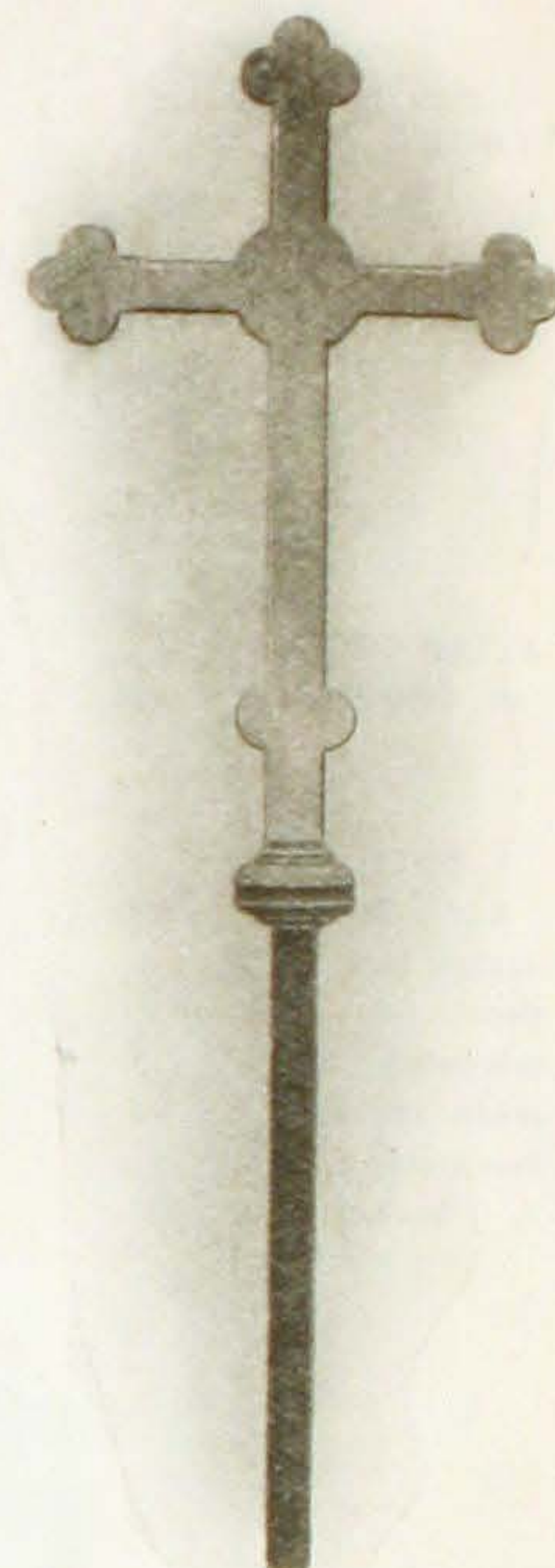
With Polished Brass
Cross.
Length 16" and width
11" with Brass Shaft
with screw joint in centre.
Total height 7' 0"

Without Figure,
£7 10 0 each.

With Figure,
£9 0 0 each.



PROCESSIONAL CROSS. No. PHO 8822.
Prices on both sides of illustration.



No. PHO 8823
ALL BRASS
PROCESSIONAL CROSS.

With Polished Brass Cross, length 16½" and width 10½" with Brass Shaft with screw joint in centre. Total height, 6' 6".

Without Figure .. £5 5 0 each.

With Figure .. £6 15 0 "

If made with Polished Brass Cross and Polished Oak Shaft with Brass Mounts and screw joints in centre.

Without Figure .. £5 5 0 each.

With Figure .. £6 15 0 "

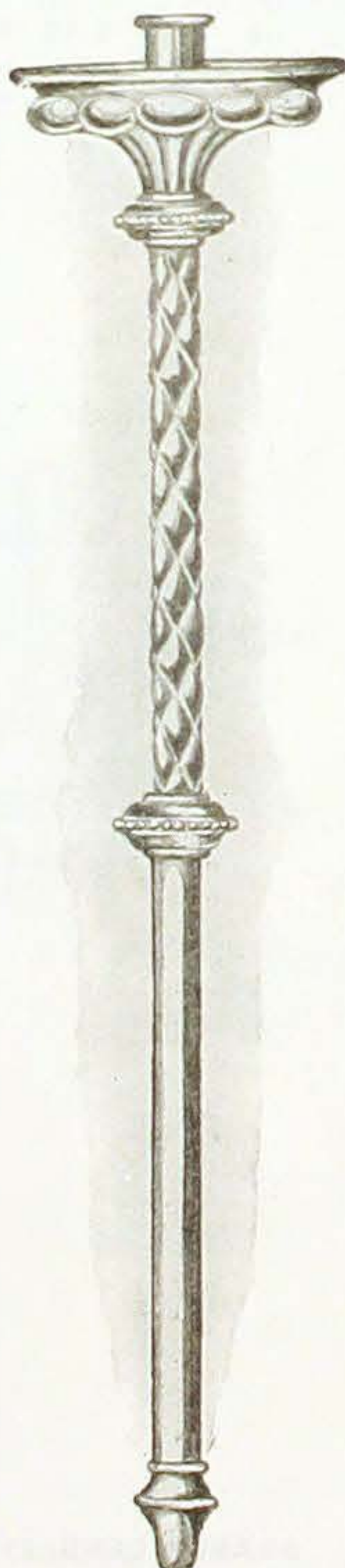
PROCESSIONAL CROSS.

No. PHO 8821

With Polished Brass Cross in high relief measuring : Length 21½" and width 14½". Polished Oak Shaft with Brass Mounts and screw joint in centre. Total height 7' 0".

Without Figure .. £15 7 6 each.

With Figure .. £17 12 6 "



No. PHO 8824
PROCESSIONAL
TORCH.

Polished Brass.
Height, 3' 6".

Without Base,
£3 3 0 each.

With Base to stand,
£4 4 0 each.



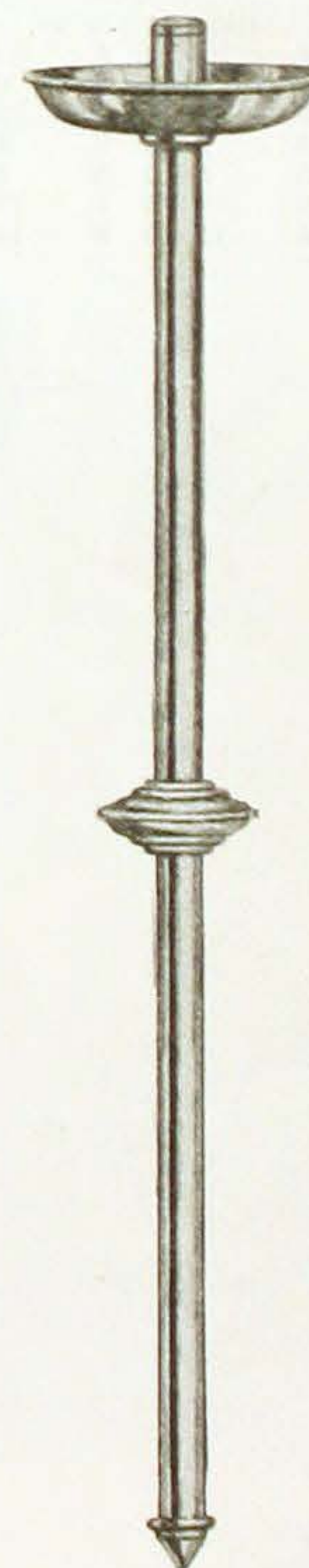
No. PHO 8327

INCENSE BOAT AND SPOON.

Length	Polished Brass.	Electro Plated.
2½"	12/-	19/6 each.
3½"	15/-	27/- "
4½"	19/6	36/- "
5½"	25/6	48/- "
6½"	31/6	60/- "



No. PHO 8826 THURIBLE (CENSER).
Diameter. Polished Brass. Electro Plated.
4" £8 5 0 £10 10 0
5" 10 10 0 13 10 0



No. PHO 8825
PROCESSIONAL
TORCH.

Polished Brass.
Height 3' 6"

Without Base, £1 8 6
Ditto with Crested Pan and without Base.

£1 16 0

Ditto with plain Pan and Base to stand.

£2 3 6

Ditto with plain Pan and larger Base to stand

£2 9 6

Priced each.



No. PHO 8828
EXTINGUISHER.
In Polished Brass.

Dia.	With Lighter as shewn.	Without Lighter
1½"	9/-	7/6 each.
2"	12/-	10/6 "
2½"	15/-	13/6 "
3"	22/6	19/6 "
3½"	29/6	26/6 "

"C" Basis.

All PHO—To Order only.

Altar Vases and Candlesticks, etc.

In Polished Brass.



No. PHO 8809

Measurements give height.

2"	2½"	3"	3½"
2/-	3/-	3/6	4/-
4½"	6"	7½"	9"
6/9	11/4	16/6	25/6
10½"	12"	15"	
34/-	47/4	90/-	

Priced each.

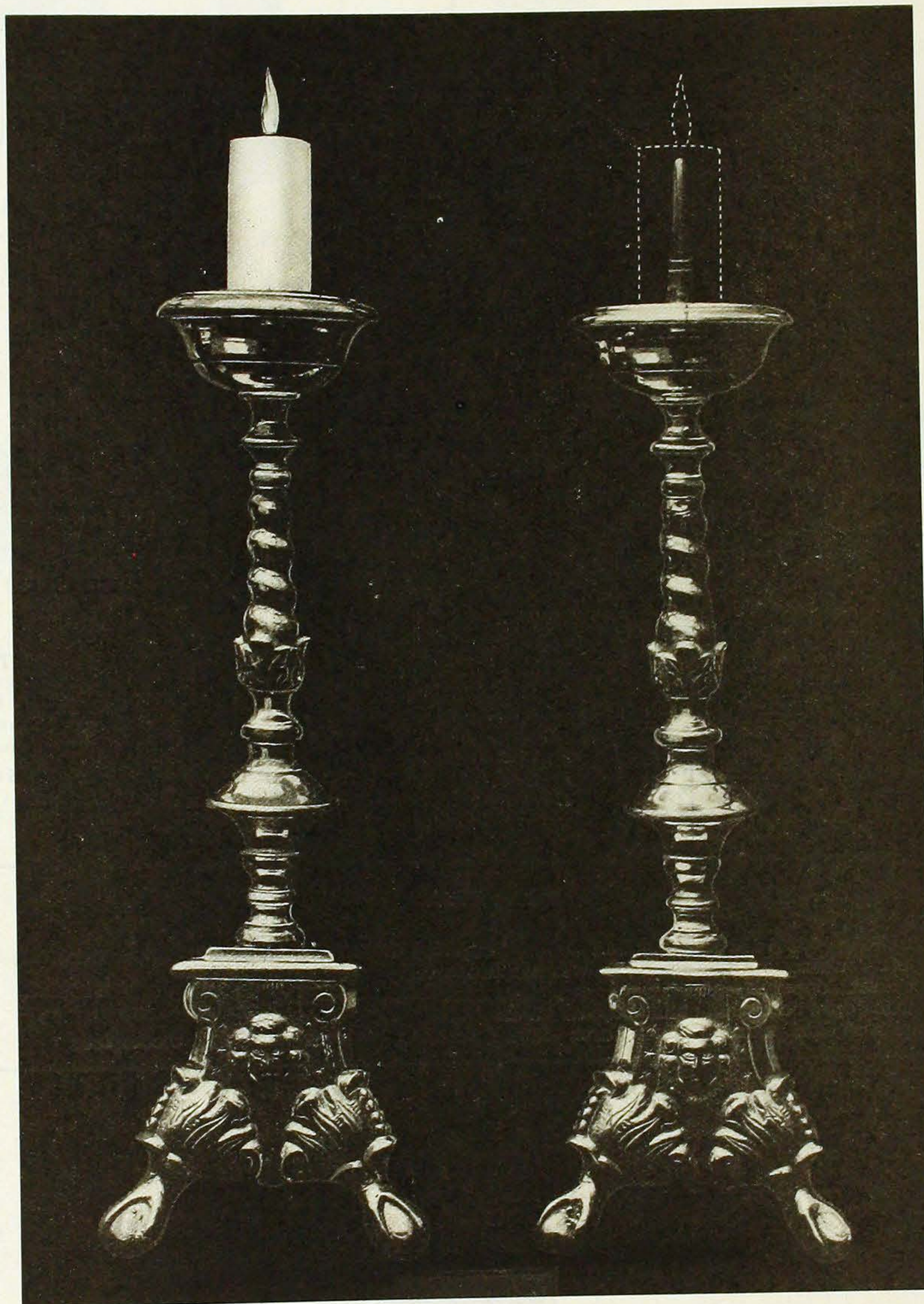


No. PHO 8810

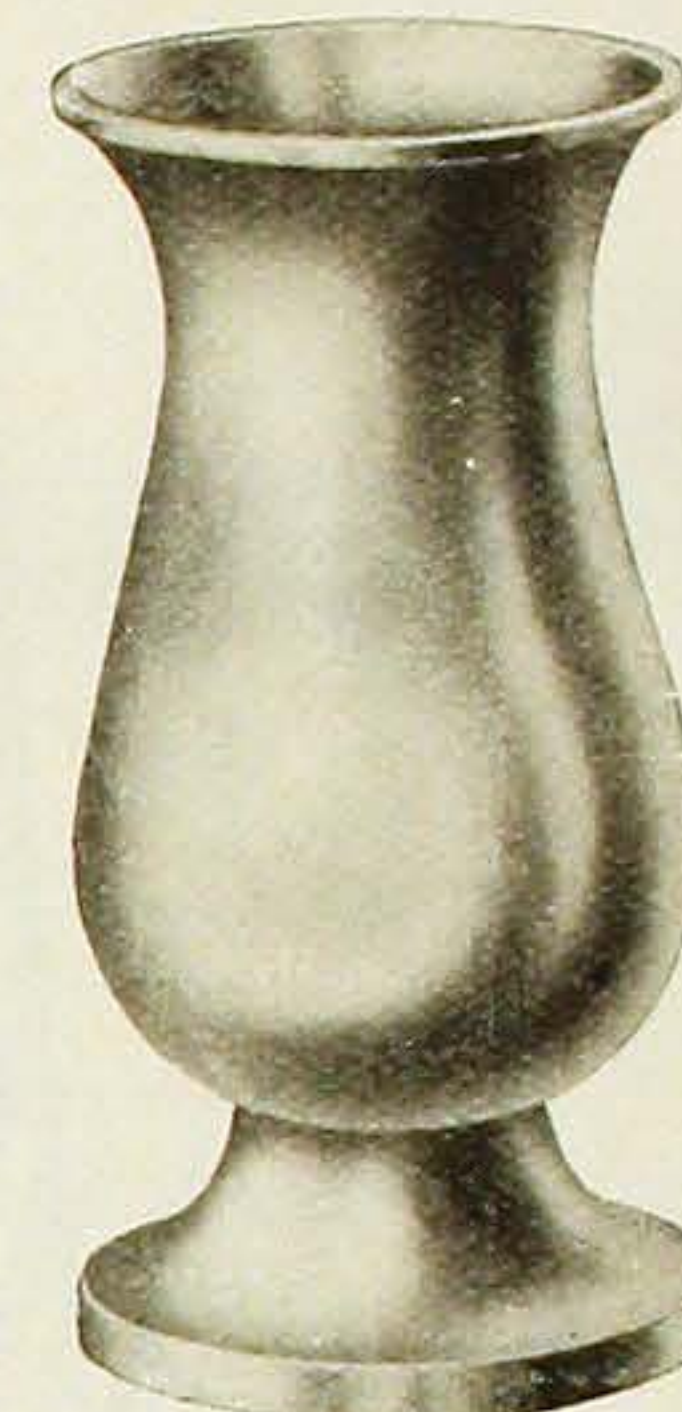
Measurements give height.

2½"	3"	4"	5"
4/-	4/6	7/-	10/-
6"	7"	8"	9"
13/6	19/6	25/6	30/-
10"	12"	15"	
41/4	57/-	101/4	

Priced each.



No. PHO 8814—Candlesticks cast in Brass, high relief, 16" high with triangular Base, 55/- each, 105/- per pair.
Ditto, Silvered, well plated, heavy deposit, 31/6 each extra.

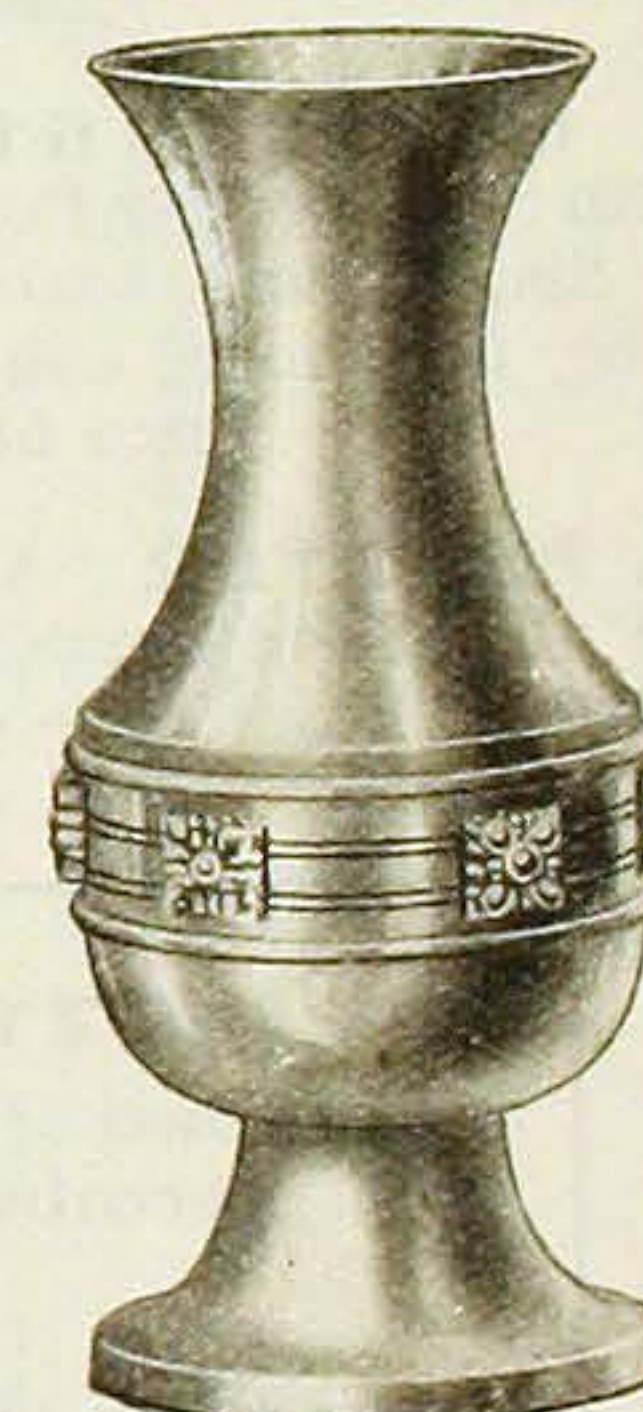


Reg. Design No. 711237.

No. PHO 8811

This Vase is made very wide in the neck so as to afford large space for flowers.
Measurements give height.

6"	7½"	9"
13/6	21/-	30/- each.



No. PHO 8812

With Rosettes.

6"	7"	8" high.
20/4	25/6	31/6 each.
9"	10"	12" high.
37/6	48/-	71/4 each.

Without Rosettes.

6"	7"	8" high.
16/6	21/-	25/6 each.
9"	10"	12" high.
30/-	39/-	60/- each.

No. PHO 8813 ALMS DISH.

Priced each. Polished Brass.

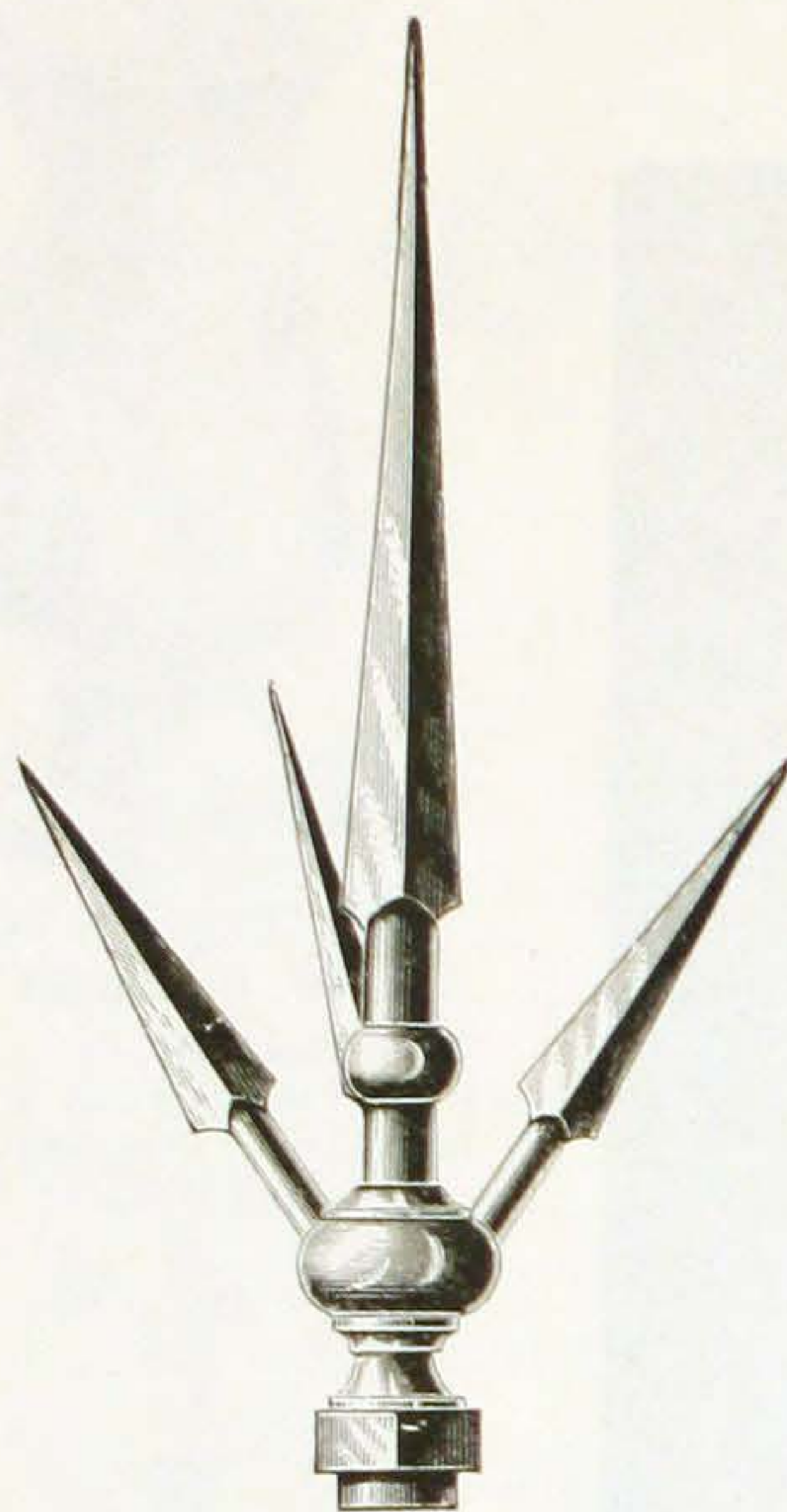
Diameter ...	9"	10"	12"	15"
A. Plain centre, Engraved Text on rim ...	45/-	48/-	63/-	105/-
B. Engraved Centre, Text on Rim ...	63/-	66/-	78/-	135/-
C. Engraved Centre, plain Rim ...	45/-	48/-	63/-	105/-
D. Embossed Centre, Engraved Text on Rim ...	90/-	105/-	120/-	228/-



WE shall be pleased to quote for any other articles of Church Furniture, including Sanctuary Standard and Paschal Candlesticks, Torches, Tabernacles, Benediction Crowns, Monstrances, Chalice and Ciboria; Altar and Pulpit Desks, Lecterns, Font Ewers, etc.

Wrought Ironwork for Altar Screens and Altar Rails can be built up from customer's own designs, or drawings can be submitted by our Works' Artist. Send details of your requirements.

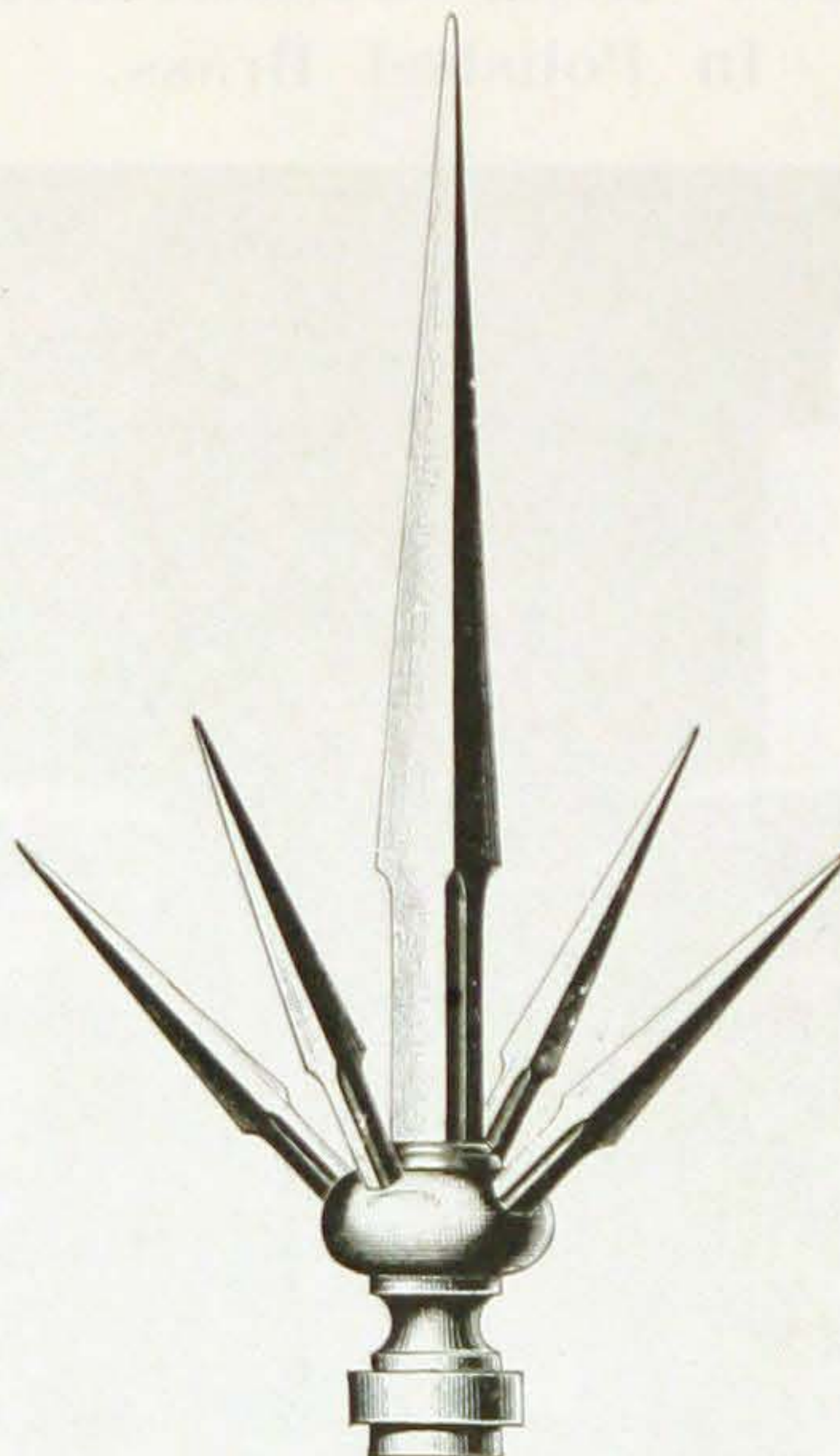
Lightning Conductors, etc.



No. PHQ 7151 TERMINAL.

With Solid Copper Point and three Attractors. $\frac{3}{4}$ " dia. strong seamless Copper Elevating Tube, 5' 0" long, coupling and supports. Price 68/- each.

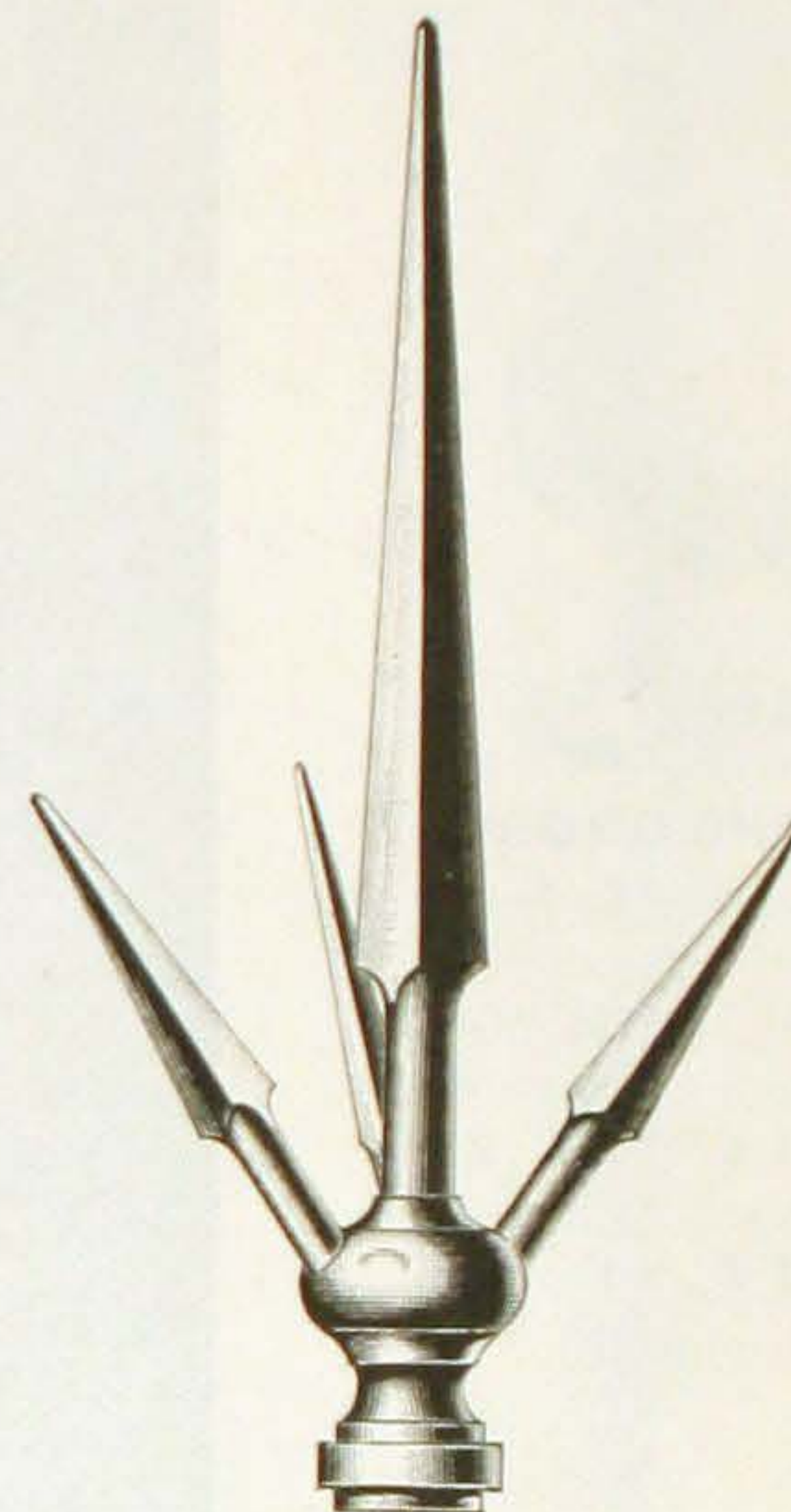
No. PHQ 7152 As above, but with 5' 0" $\times \frac{3}{4}$ " dia. Solid Copper Elevating Rod instead of tube. Price 88/- each.



No. PHQ 7153 TERMINAL.

With Solid Copper Point and four Attractors. 5' 0" $\times \frac{7}{8}$ " dia., strong seamless Copper Elevating Tube, coupling and supports. Price, 88/- each.

No. PHQ 7154 As above, but with 5' 0" $\times \frac{7}{8}$ " dia. Solid Copper Elevating Rod instead of tube. Price 116/- each.



No. PHQ 7155 TERMINAL.

With solid Copper Point and three Attractors. $\frac{5}{8}$ " dia. $\times$ 5' 0" long, strong seamless Copper Elevating Tube, Copper Coupling and Supports. Price 56/- each.

No. PHQ 7156 As above, but with 5' 0" $\times \frac{5}{8}$ " dia. Solid Copper Elevating Rod instead of tube. Price 68/- each.

No. PHQ 7163 COMPLETE LIGHTNING CONDUCTOR SET.

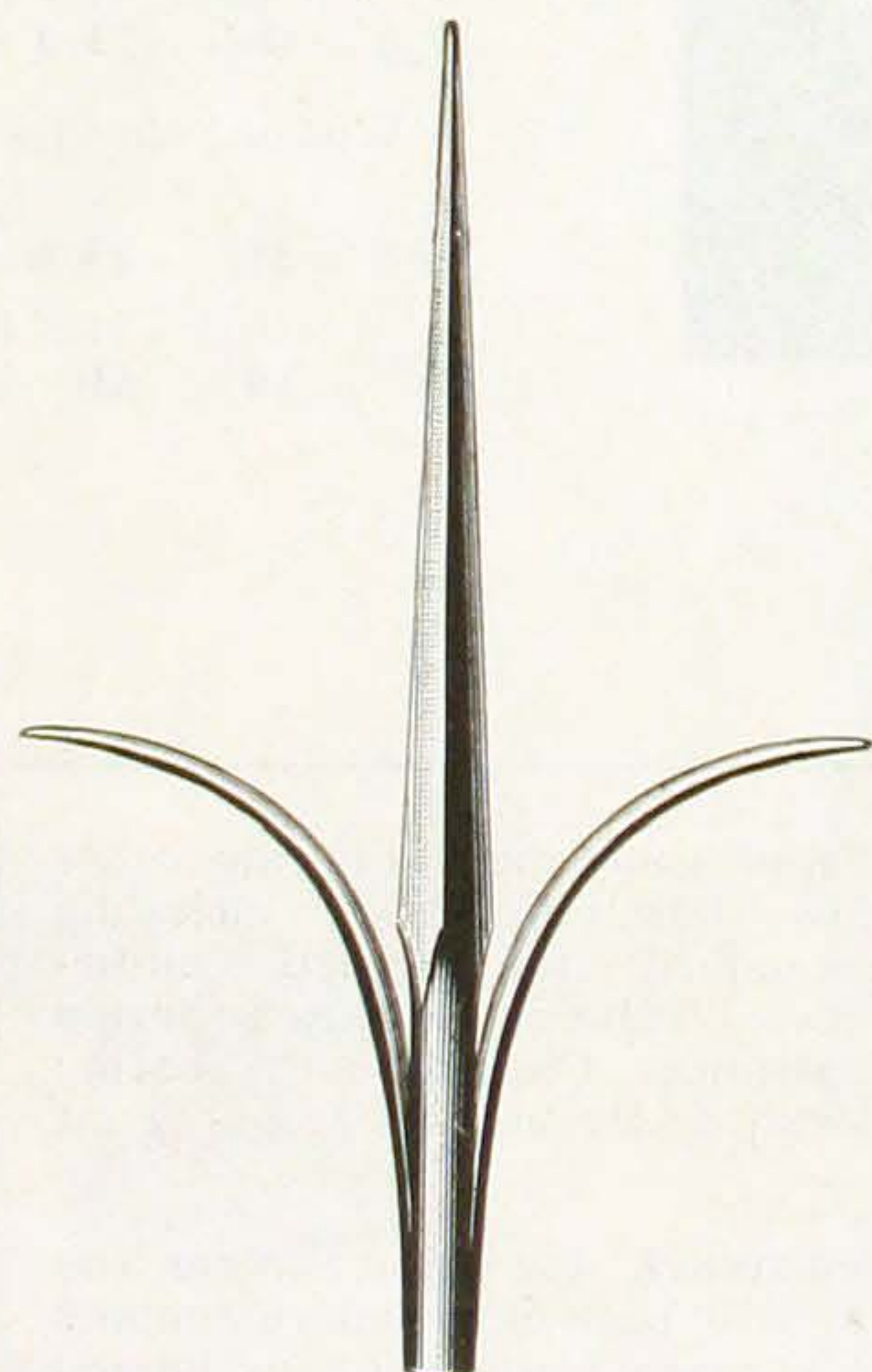
Composed of the following :—

Terminal. As **No. PHQ 7156** above, with Solid Copper Point and three Attractors, Solid Copper Elevating Rod, 5' 0" $\times \frac{5}{8}$ " dia. Copper Coupling and two strong Galvanized Supports.

Tape ... 60 feet Solid Copper $\frac{3}{4}$ " $\times \frac{1}{8}$ "

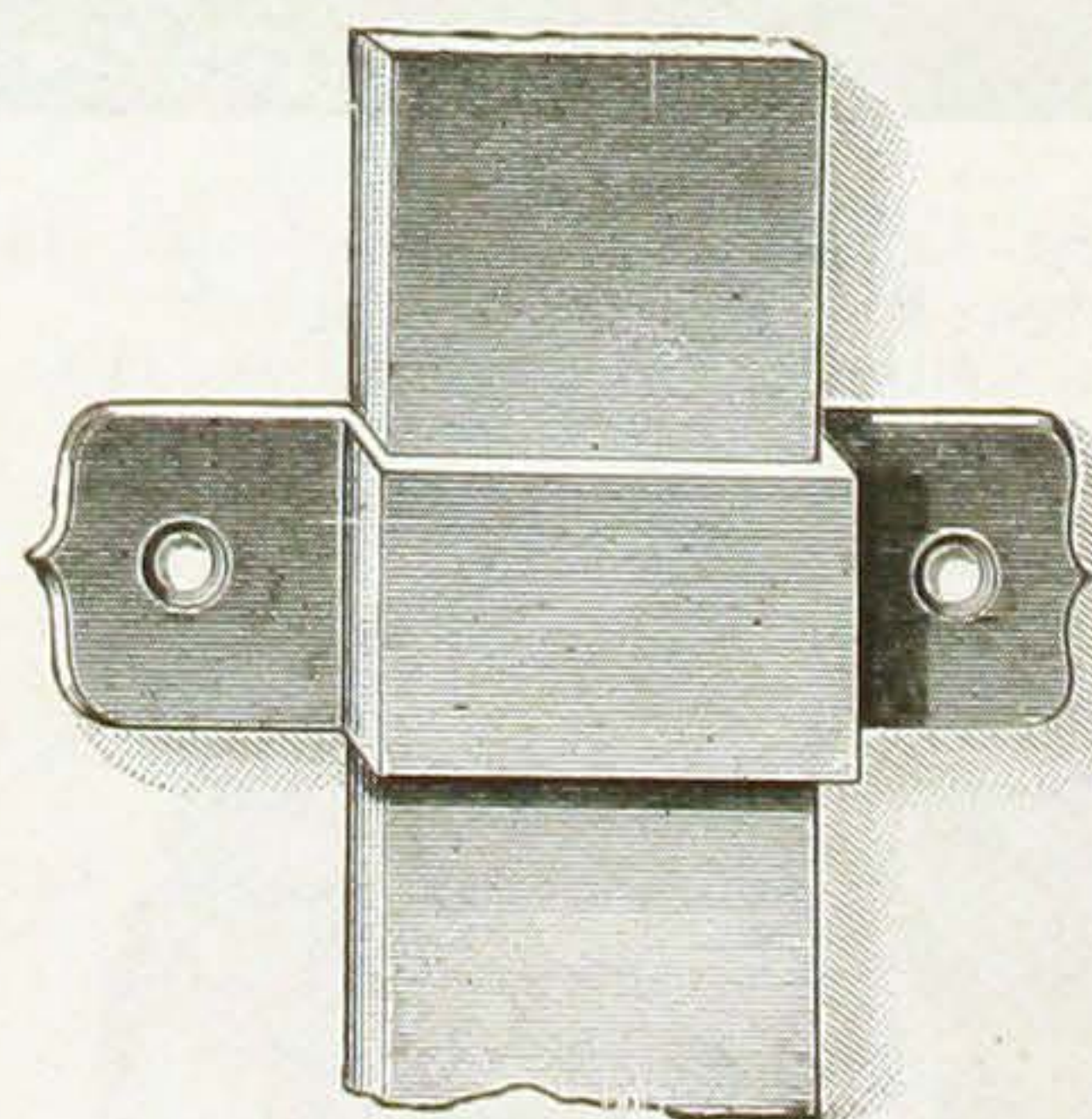
Tape Holdfasts. One dozen Solid Gun-metal Staples (to drive).

Earth ... An improved Grid pattern Copper Earth Plate, 24" $\times$ 24" $\times \frac{1}{8}$ " Price £7 13 0 complete.



No. PHQ 7157 TERMINAL.

Solid Copper Crow's Foot Point, 4' 6" long $\times$ dia., with Copper Coupling for either rope or tape and two strong Galvanized Supports. Price 46/- each.



No. PHQ 7158

SOLID COPPER TAPE.

Size $\frac{3}{4}$ " $\times \frac{1}{8}$ ", 11d. per foot. 1" $\times \frac{1}{8}$ " 1/3 per foot.

No. PHQ 7159

SOLID COPPER CLIPS.

Complete with Nails, to secure above Tape.

For Tape $\frac{3}{4}$ " $\times \frac{1}{8}$ " ... 7/- dozen.

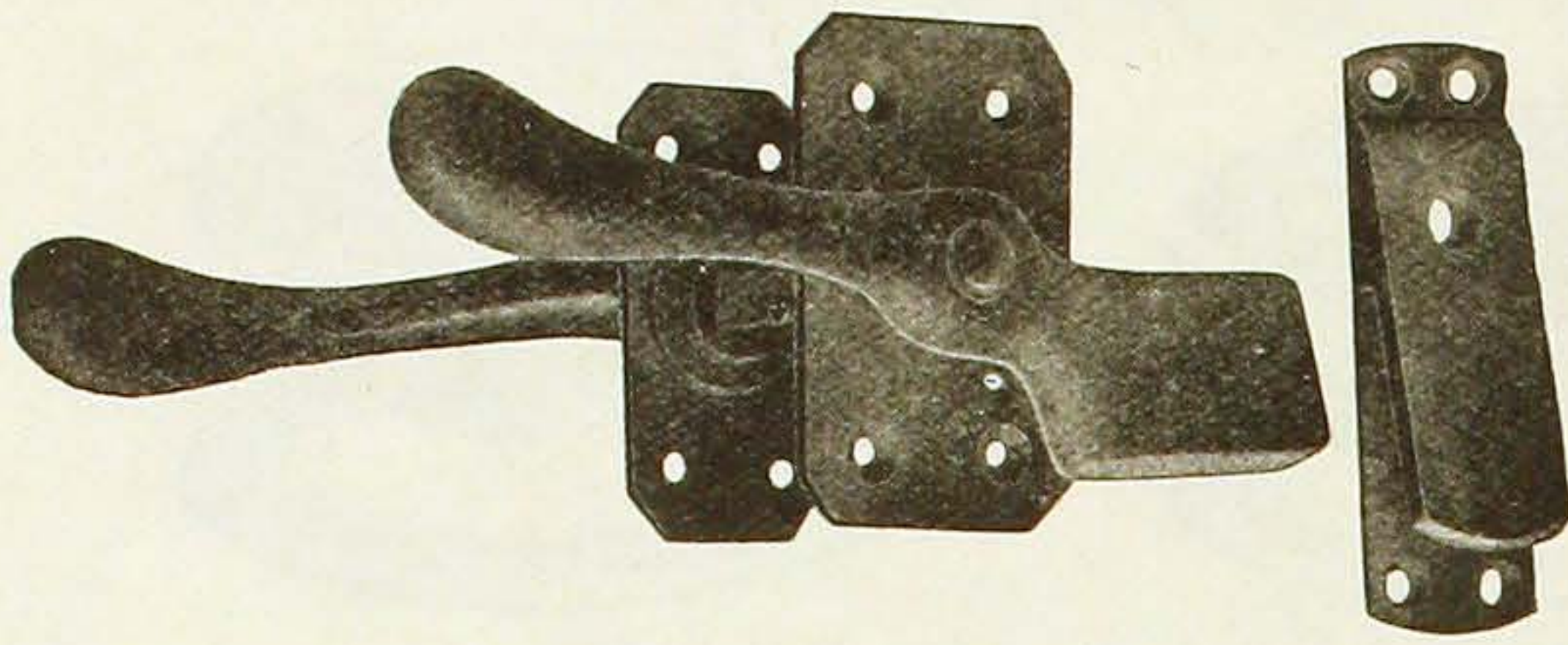
" 1" $\times \frac{1}{8}$ " ... 9/- "



No. PHQ 7162 TERMINAL.

Solid Copper, for top of Flagstaff, with improved Coupling for Rope or Tape. Price 60/- each.

Refrigerator Handles, Fasteners and Hinges



No. PHS 8725 LEVER HANDLE.

Size	*Japanned.	Galvanized.
9" overall	8/9	10/6 set.
13" " "	13/3	15/9 "

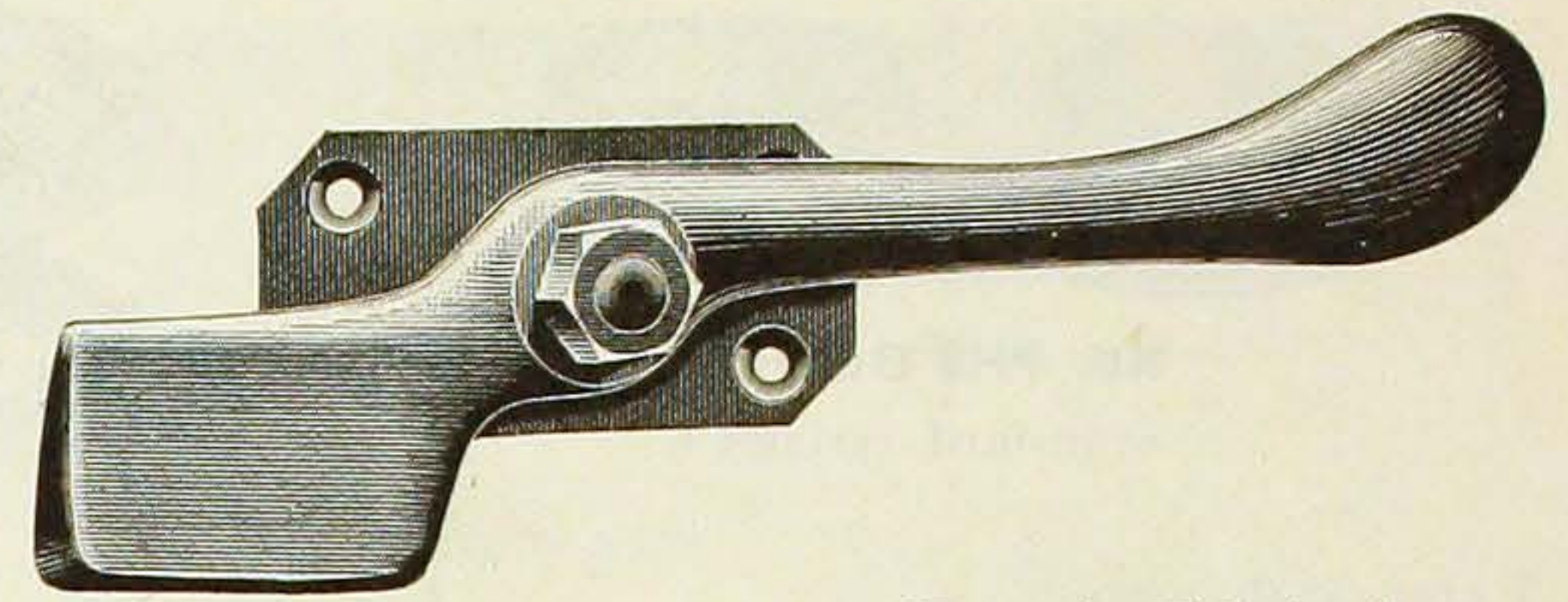
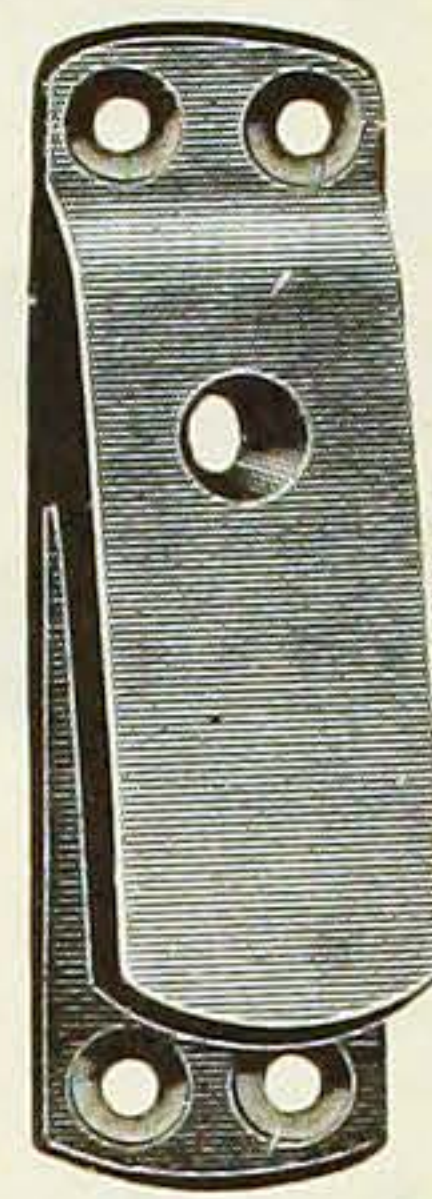
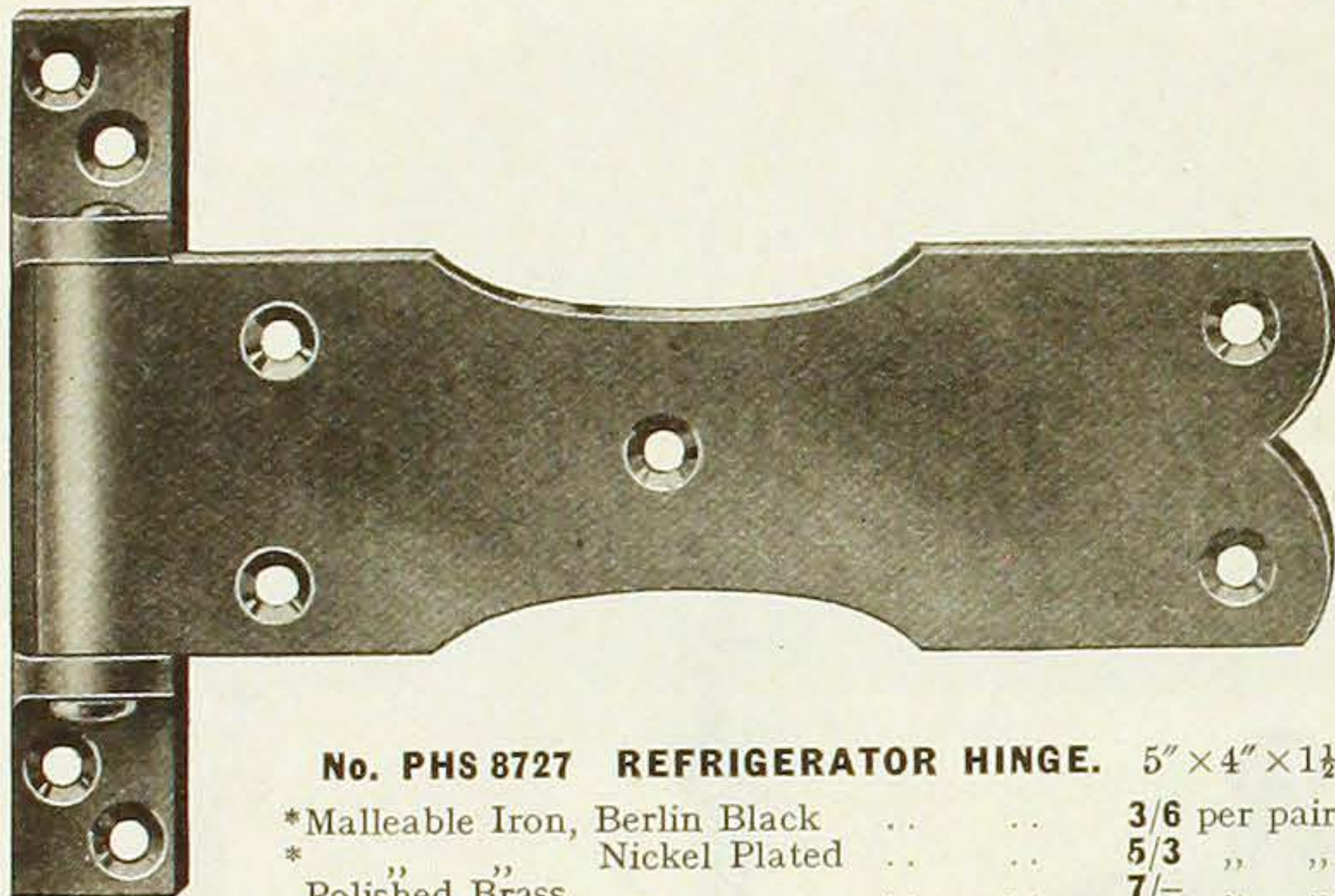


Illustration Right hand.

No. PHS 8726 REFRIGERATOR HANDLE.

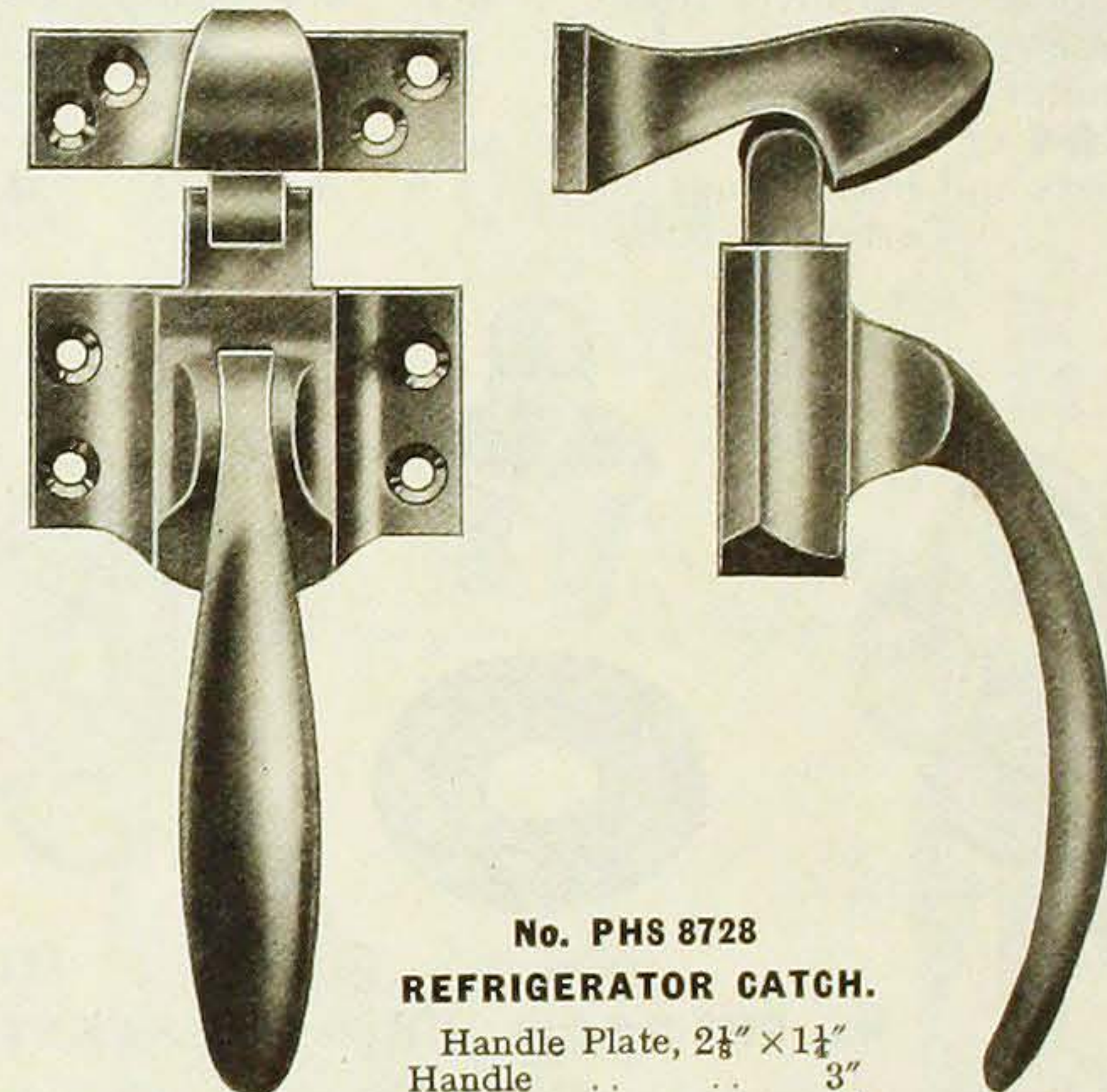
Not Reversible. Made Right and Left Hand.

Size.	*Japanned.	Galvanized.
9" overall	5/3	6/6 each hand.
13" overall	8/9	10/6 " "



No. PHS 8727 REFRIGERATOR HINGE. 5" x 4" x 1 1/2"

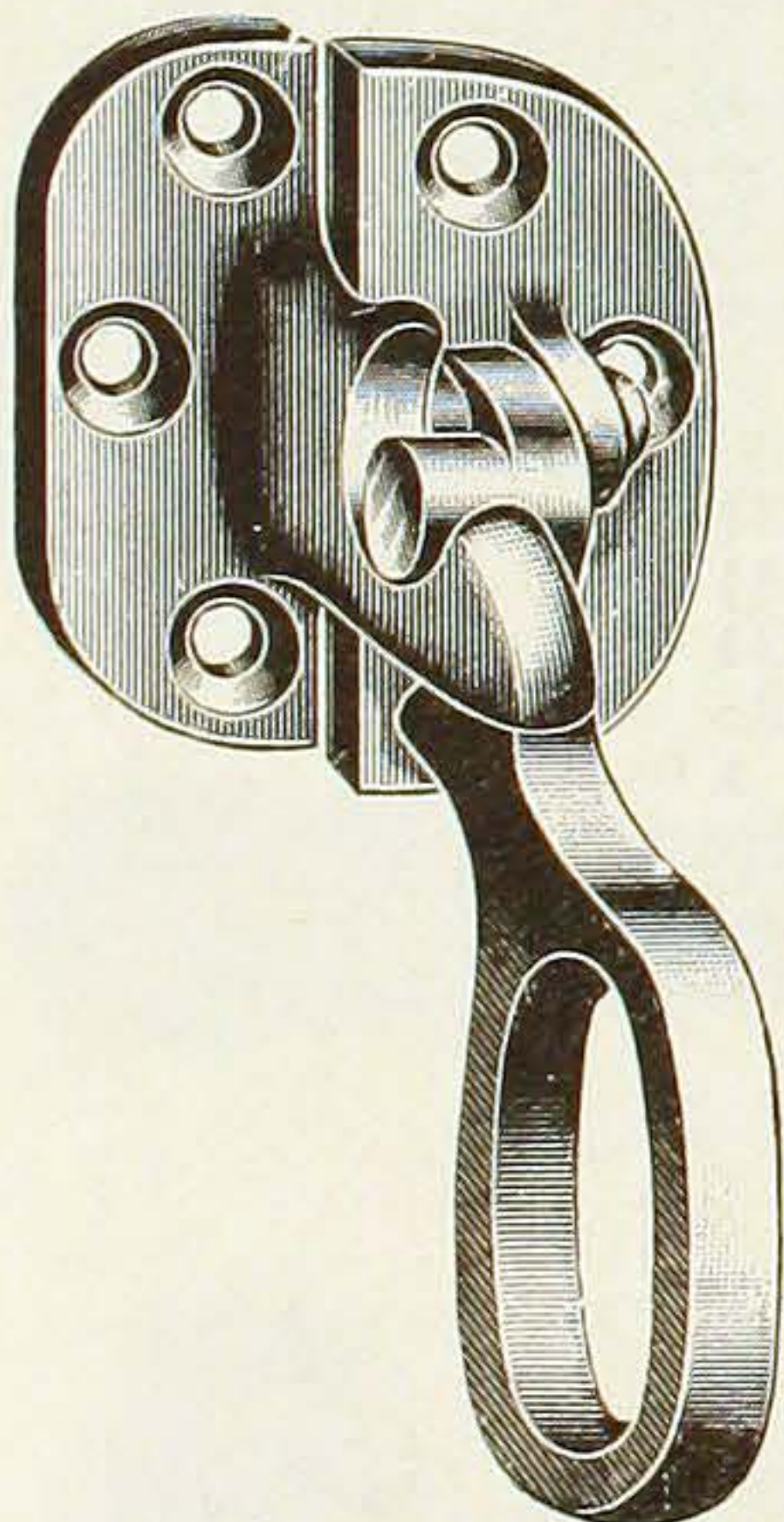
*Malleable Iron, Berlin Black	3/6 per pair.
" " Nickel Plated	5/3 " "
*Polished Brass	7/- " "
Nickel Plated on Brass	8/6 " "
Polished Gun-Metal	8/6 " "
*Bronze Metal Antique	8/9 " "



No. PHS 8728 REFRIGERATOR CATCH.

Handle Plate, 2 1/8" x 1 1/4"
Handle " " 3"
Roller " " 3/8"

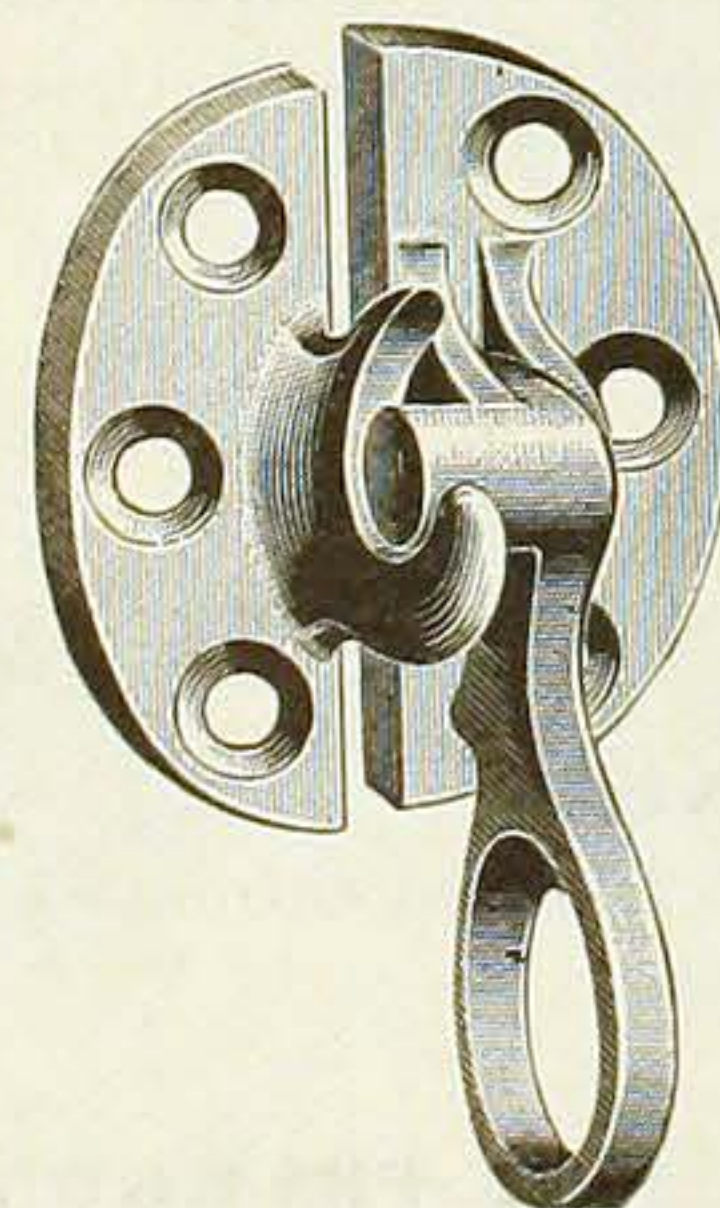
*Malleable Iron, Berlin Black	2/8 each.
" " Nickel Plated	3/6 " "
*Polished Brass	5/3 " "
Nickel Plated on Brass	6/- " "
Polished Gun-Metal	6/3 " "
*Bronze Metal Antique	6/9 " "



No. PHS 8729

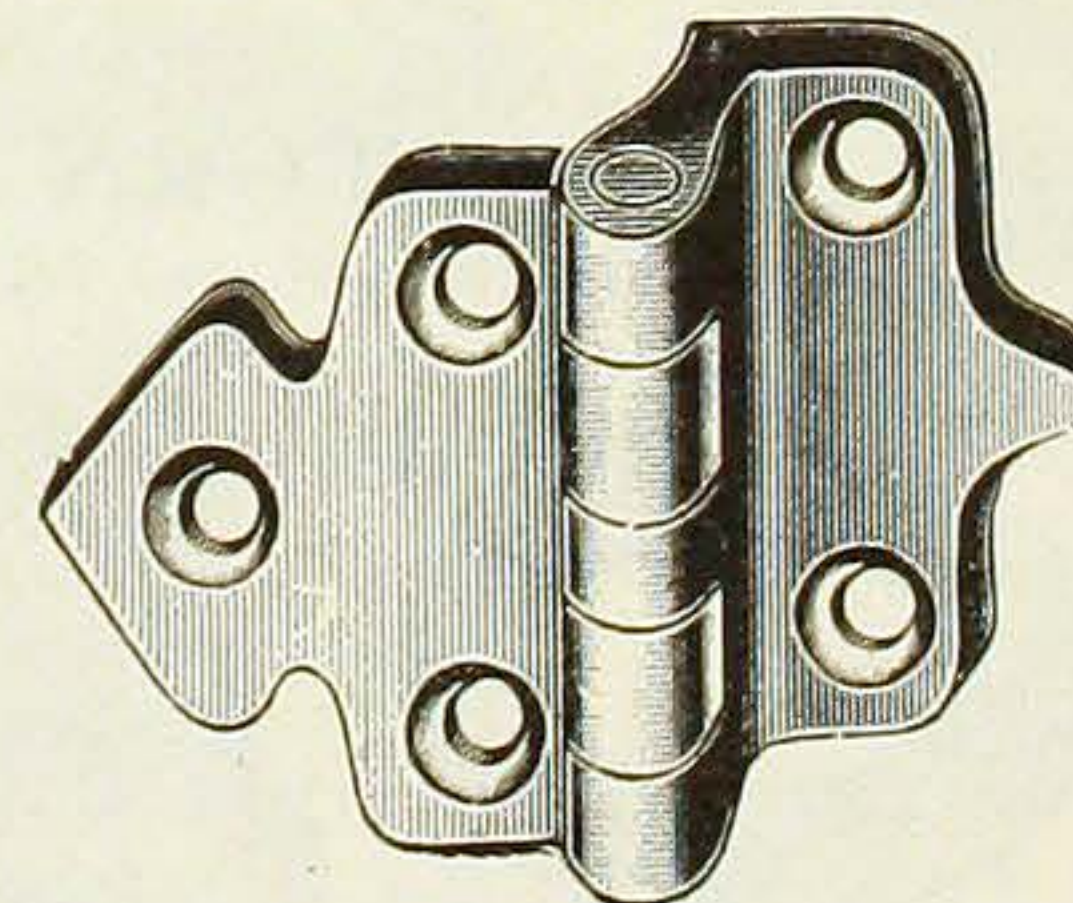
REFRIGERATOR FASTENER.

Size of handle	3 1/2"	Ditto	5"
Plate of Fastener	2 1/2" x 1 1/4"	with Plates	3" x 1 1/4"
Catch Plate	2 1/2" x 1 1/4"	Flush	3" x 1"
Polished Brass	44/3	44/3	57/4 doz.
" " "	3/10	3/10	5/- each.
Nickel Plated	47/6	47/6	61/9 doz.
" " "	4/2	4/2	5/3 each.



No. PHS 8730 REFRIGERATOR FASTENER.

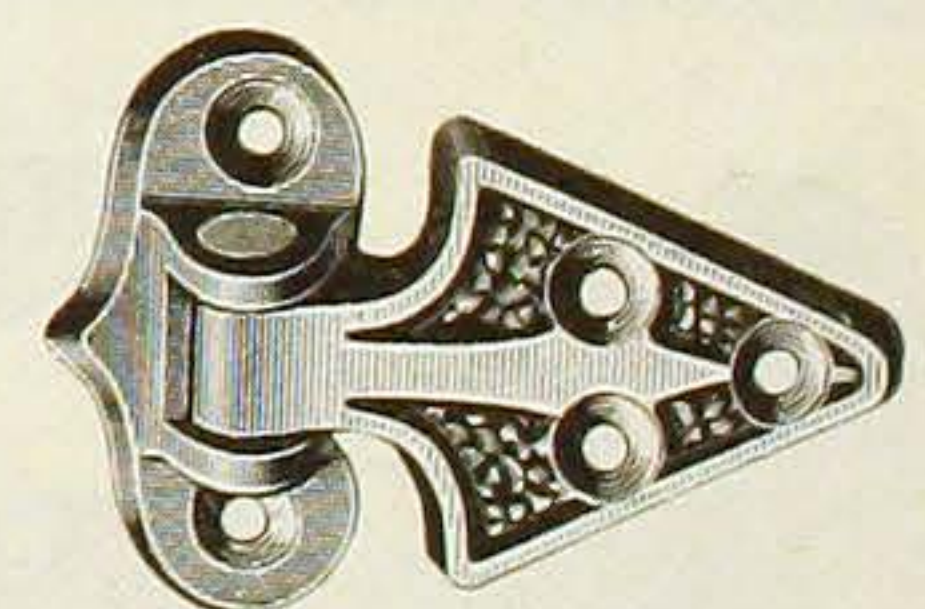
Size of handle	2 1/2"
Plate of Fastener	2 1/2" x 1"
Catch Plate	2 1/2" x 1"
Polished Brass	35/4 dozen.
" " "	3/2 each.
Nickel Plated	38/8 dozen.
" " "	3/4 each.



No. PHS 8731 REFRIGERATOR HINGES.

Size 2 1/2" x 1 1/4"

Polished Brass	48/6 dozen pairs.
" " "	4/2 per pair.
Nickel Plated	50/9 dozen pairs.
" " "	4/4 per pair.

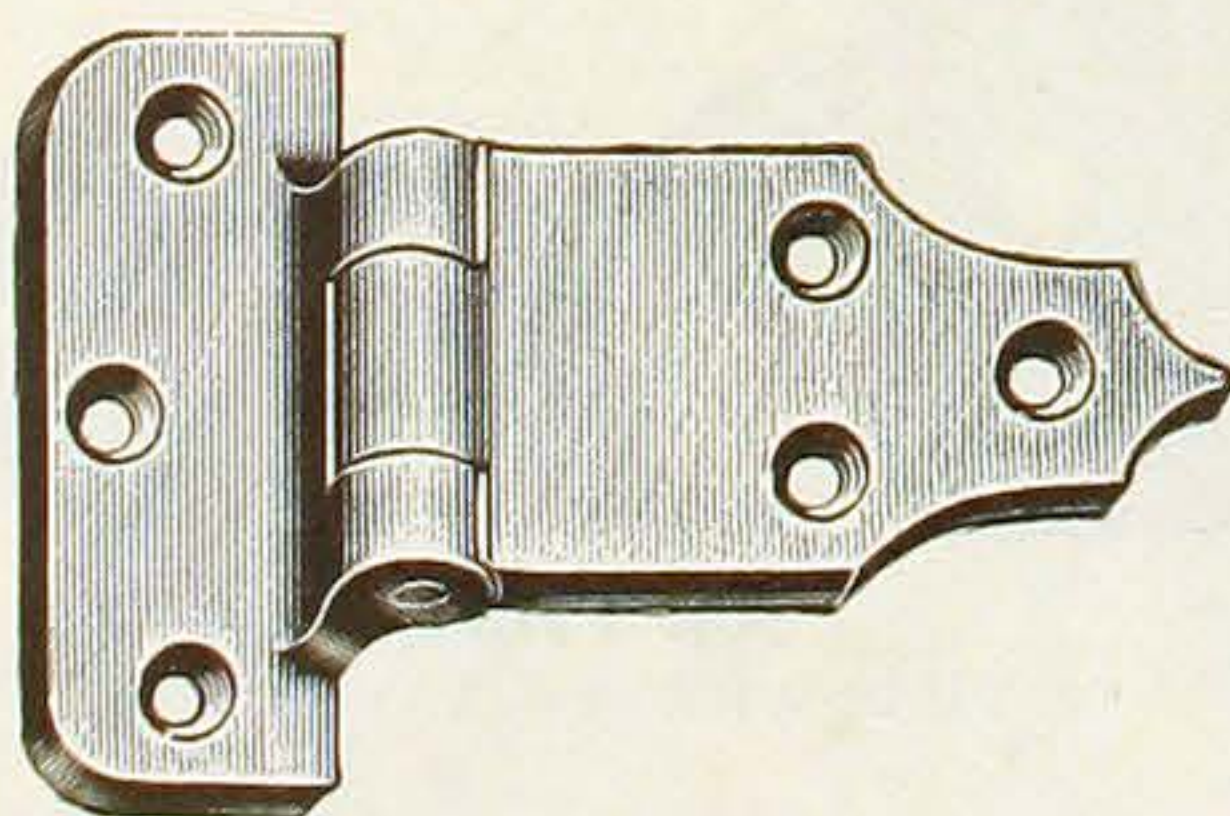


No. PHS 8732 REFRIGERATOR HINGE.

Size 2 1/2" x 1 1/4"

Brass, Machine Burnished.

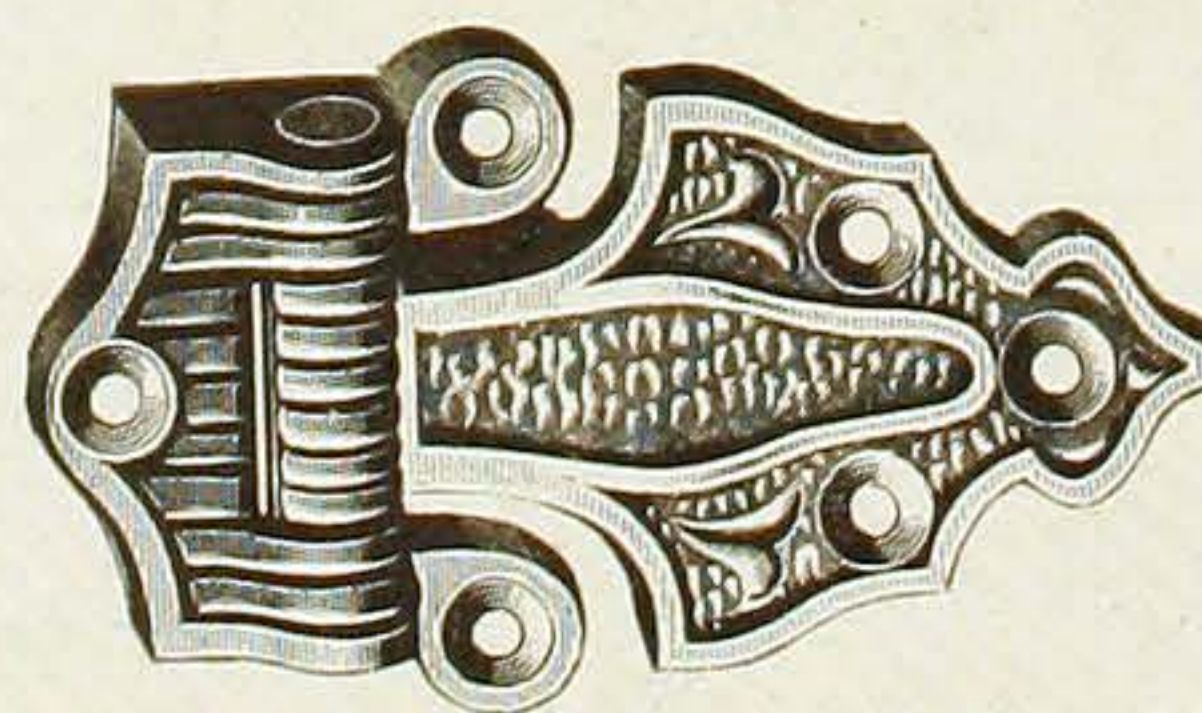
Price, 26/6 dozen pairs., 2/4 per pair.



REFRIGERATOR HINGES.

No. PHS 8734 Size 3" x 2 1/4"

Polished Brass	52/10 dozen pairs
" " "	4/6 per pair.
Nickel Plated	55/3 dozen pairs.
" " "	4/9 per pair.

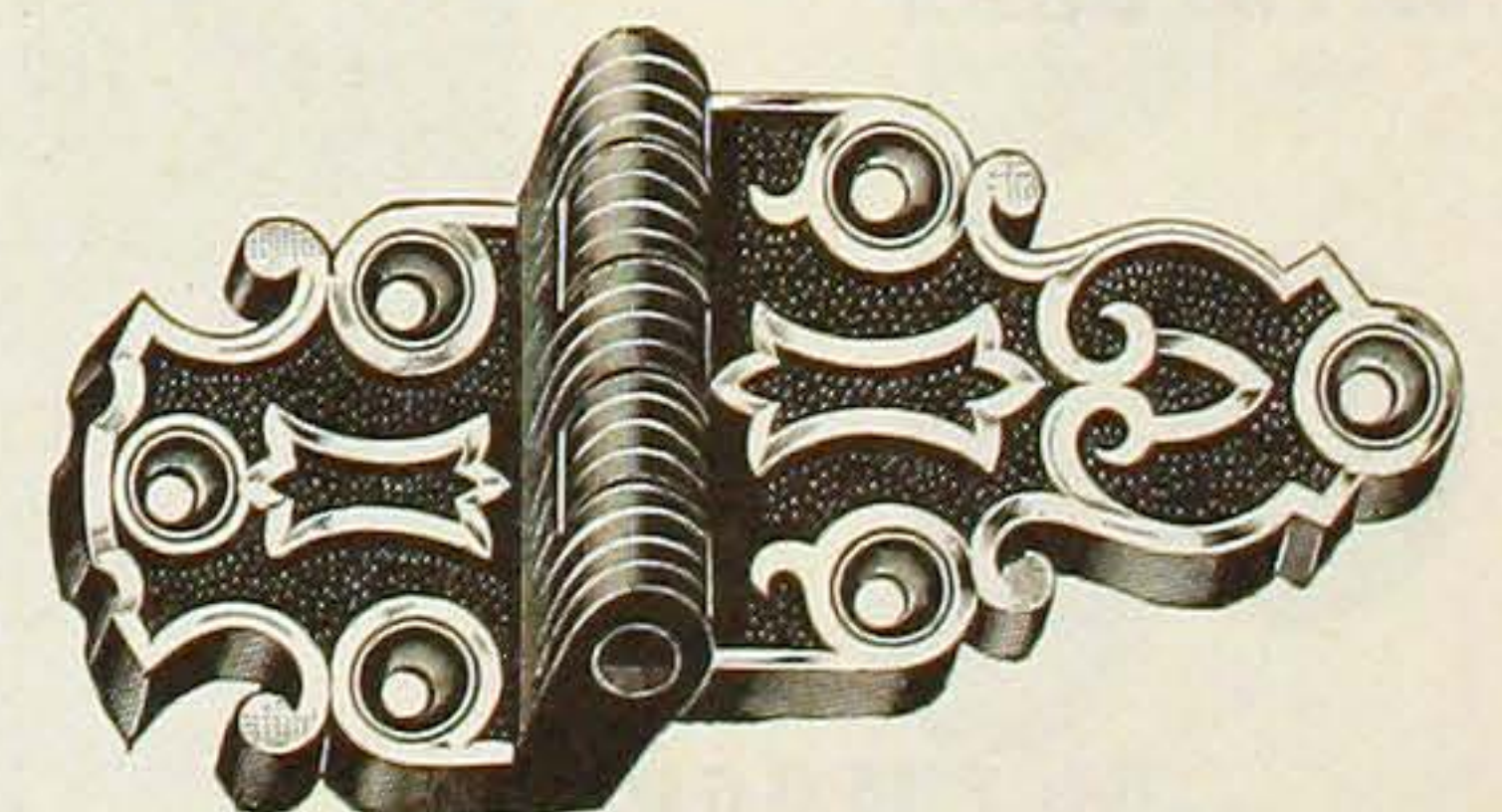


REFRIGERATOR HINGE.

No. PHS 8735 Size 3 1/2" x 1 1/4"

Brass, Machine Burnished.

Brass, Machine Burnished	33/3 dozen pairs.
" " "	3/- per pair.



REFRIGERATOR HINGE.

No. PHS 8733 Size 4" x 1 1/4"

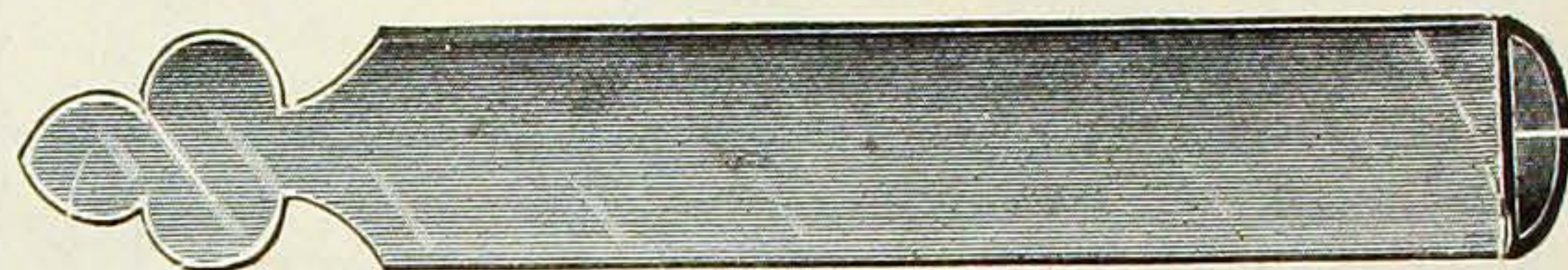
Polished Brass	38/7 dozen pairs.
" " "	3/4 per pair.
Nickel Plated	40/9 dozen pairs.
" " "	3/6 per pair.

Stair Rods and Eyes, Picture Suspenders, etc.

STAIR ROD. ORDINARY TURNED ENDS.

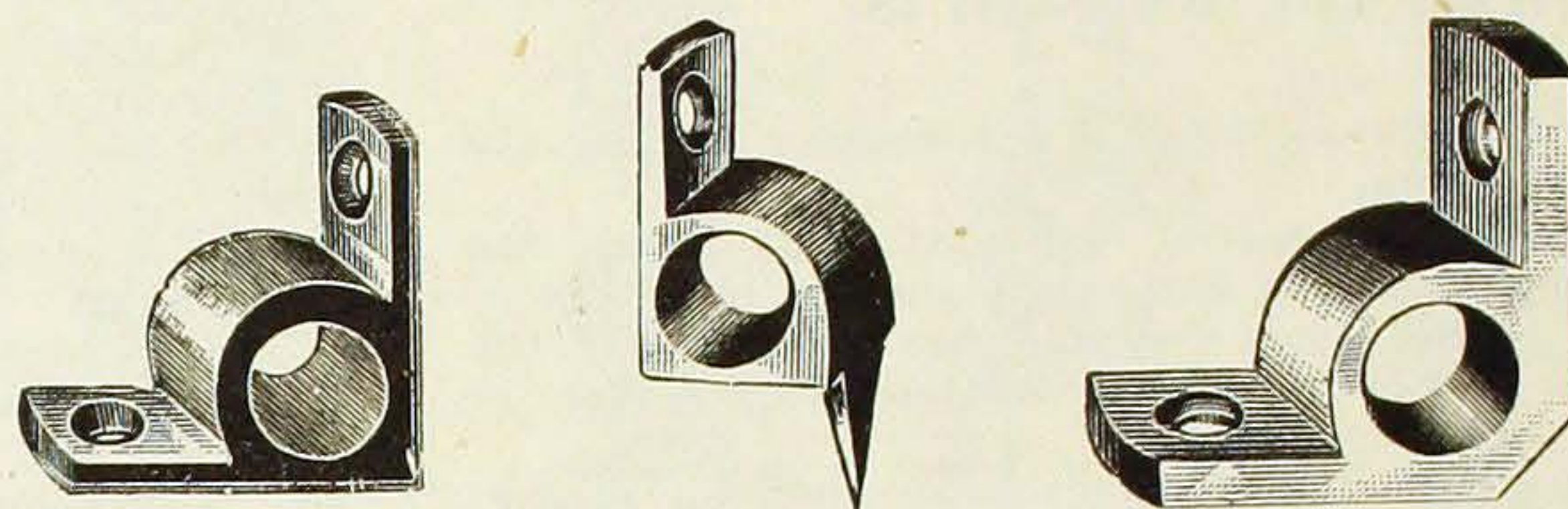


Dia.	Length...	No. PDQ 8426 Solid Brass. Per dozen Rods.									
		18"	20"	21"	22"	23"	24"	28"	30"	36"	42"
4 W.G.	2/1	2/3	2/6	2/6	2/8	2/9	3/3	3/6	4/2	4/8	
3 W.G.	2/3	2/5	2/7	2/8	2/10	2/11	3/5	3/7	4/4	5/1	
2 W.G.	—	2/10	3/-	3/1	3/3	3/4	3/10	4/-	4/10	5/7	
1 W.G.	—	3/2	3/4	3/5	3/6	3/8	4/2	4/6	5/4	6/-	
1 1/8"	—	3/8	3/10	4/-	4/2	4/4	5/1	5/4	6/4	7/2	
1 1/4"	—	4/4	4/6	4/9	4/11	5/1	5/11	6/4	7/7	8/11	
1 1/2"	—	4/10	5/1	5/4	5/7	5/9	6/9	7/2	8/8	10/1	
1 3/4"	—	6/7	6/9	6/11	7/1	7/3	8/5	9/-	10/7	12/-	
2"	—	8/6	8/10	9/2	9/8	9/11	11/5	12/2	14/6	16/5	

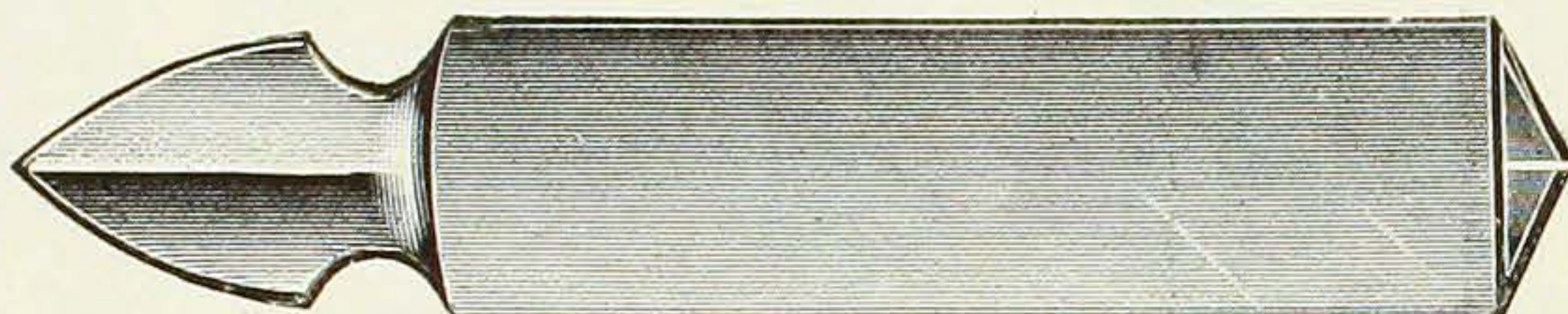


No. PDQ 7960 BRASS STAIR ROD. Size 1/4" 1/- per foot.

BRASS STAIR EYES.



No.	PDQ	Size	Light.					Medium.					Strong.				
			3WG	2WG	1WG	0WG	00WG	3WG	2WG	1WG	0WG	00WG	3WG	2WG	1WG	0WG	00WG
No. PDQ 8429	—	—	—	—	—	—	—	14/-	17/6	18/6	22/-	23/8	—	—	—	—	—
No. PDQ 8430	—	—	—	—	—	—	—	15/9	17/6	21/-	24/6	28/-	52/6	—	—	—	—
No. PDQ 8431	—	—	—	—	—	—	—	—	—	35/-	45/6	52/6	73/6	—	—	—	—
No. PDQ 8427	7/-	7/-	8/-	8/4	9/3	—	—	11/8	17/6	19/3	—	—	—	—	—	—	—
No. PDQ 8428	8/-	—	9/8	—	—	—	—	10/6	16/3	29/-	32/-	—	—	—	—	—	—
No. PDQ 7962	—	—	—	—	—	—	—	42/-	—	73/6	98/-	126/-	—	—	—	—	—

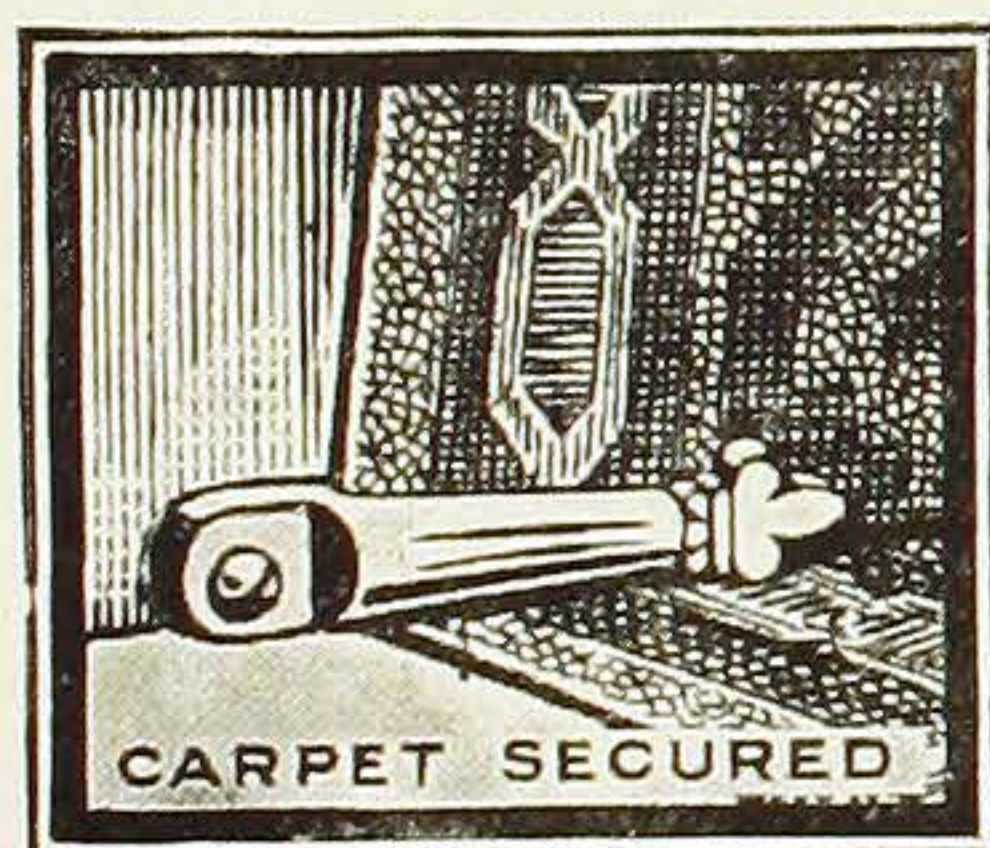


No. PDQ 7961 Brass. Size 1/4" 1/6 per foot.



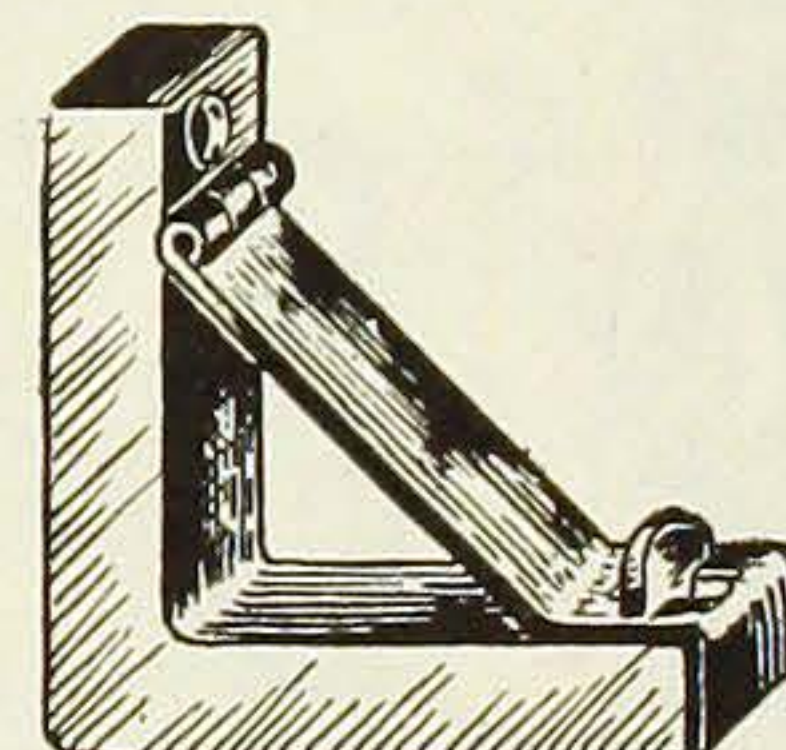
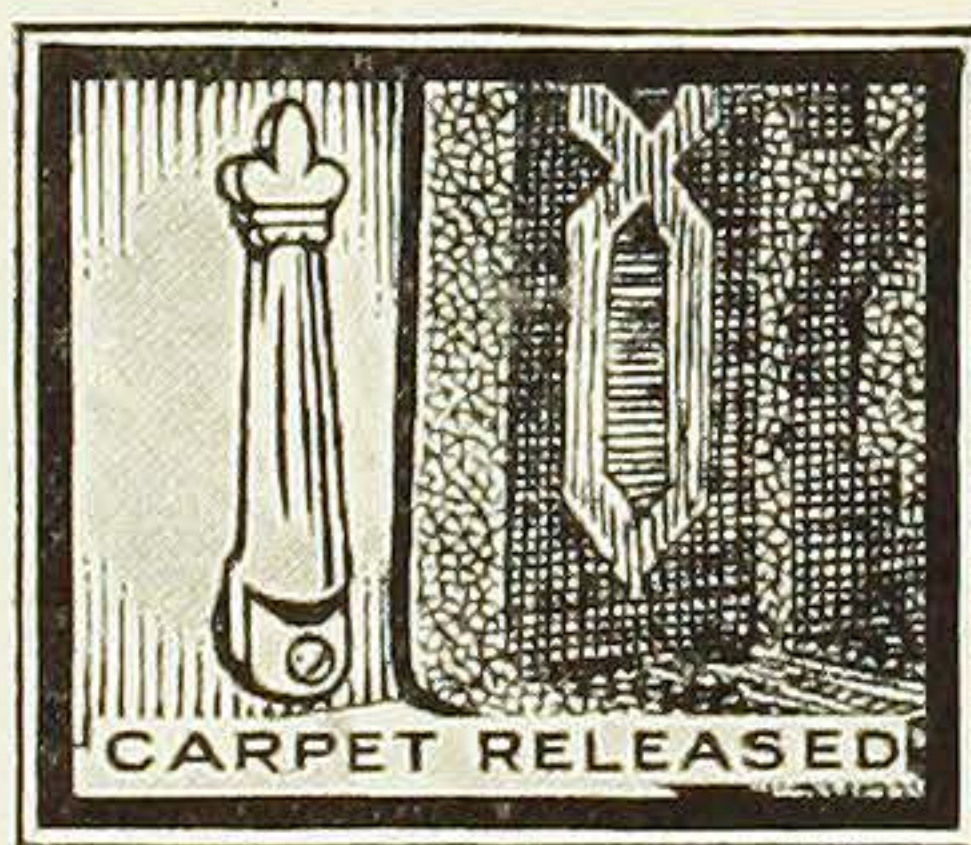
No. PDS 7963 EBONY TIPPED. Length up to 24" 28" 32" 1" Fumed Oak 14/8 16/4 18/9 dozen rods. 1" Jacobean Oak 17/- 18/6 21/- " "

The above Prices are for Brass. Antique Brass and Antique Copper. Up to 1/2" 21/- gross extra, up to 3/4" 26/3 gross extra. Oxidized Silver Up to 1/2" 52/6 gross extra, up to 3/4" 78/9 gross extra.

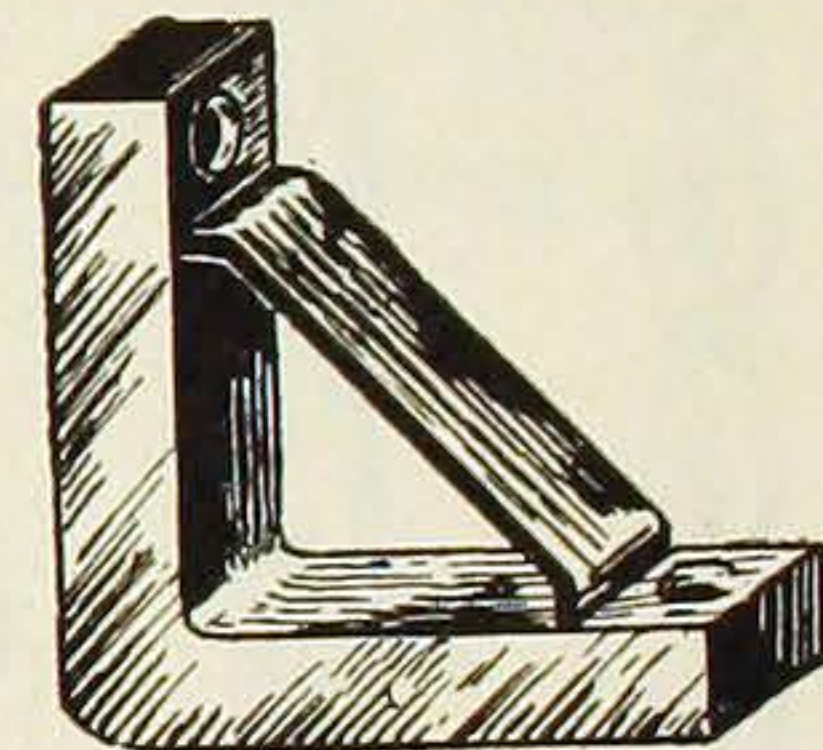


STAIR CARPET HOLDERS.

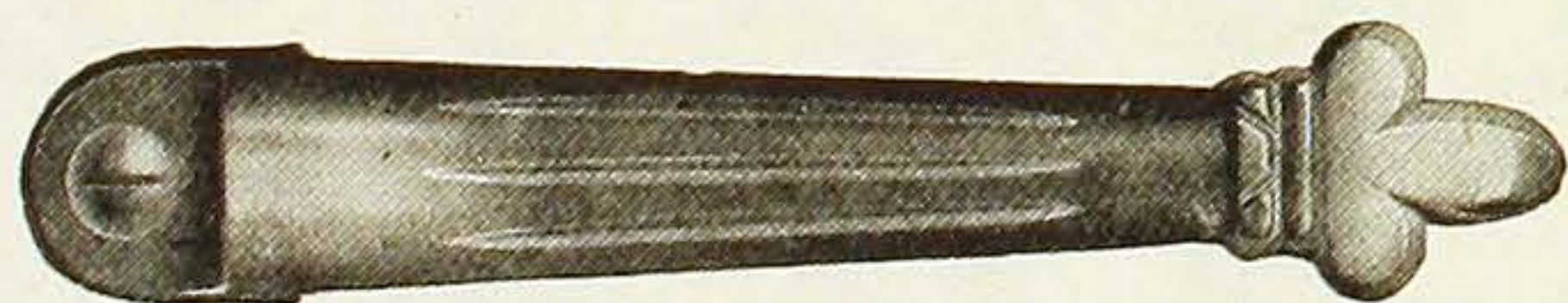
Illustrations below half full-size.



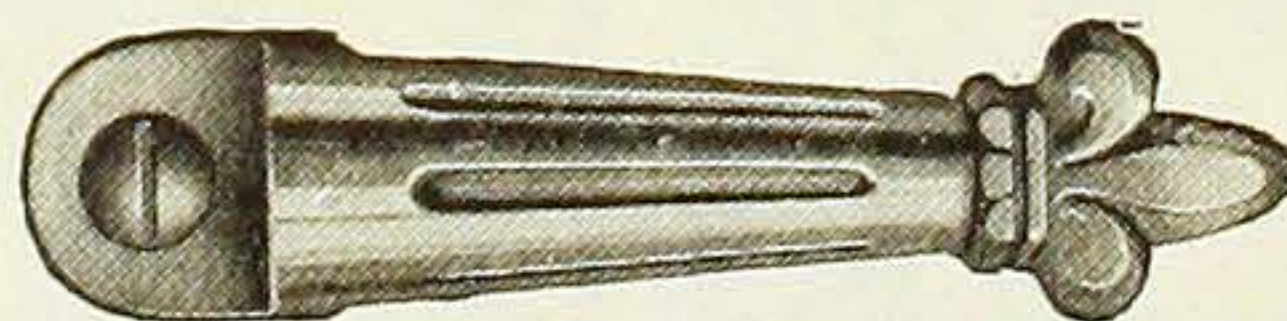
No. PDS 7964 Hinged. Brass 5/- dozen. Oxidized Copper on Steel 3/- " "



No. PDS 7965 Brass 4/6 dozen. Oxidized Copper on Steel 2/- " "



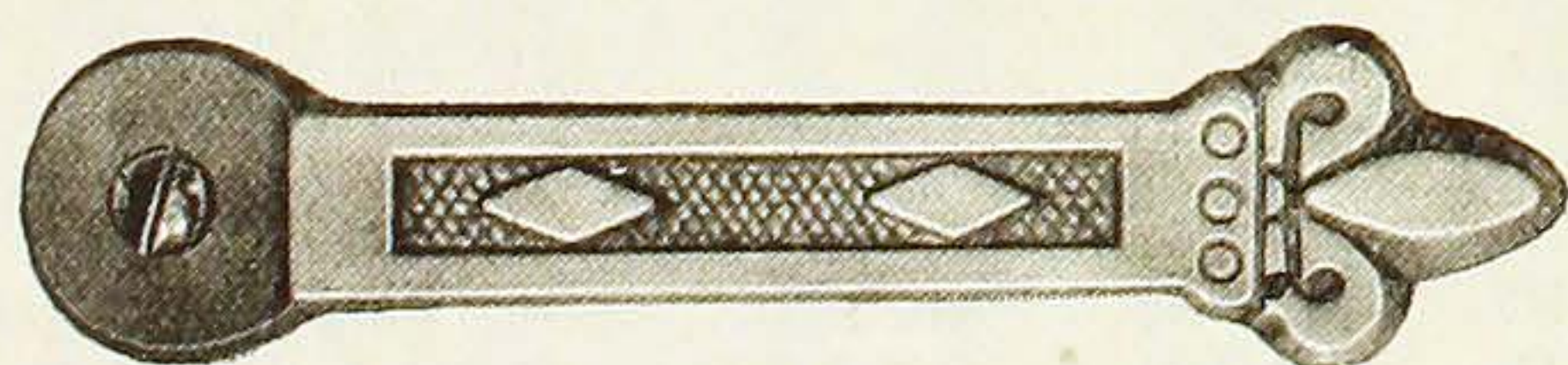
No. PHS 9887



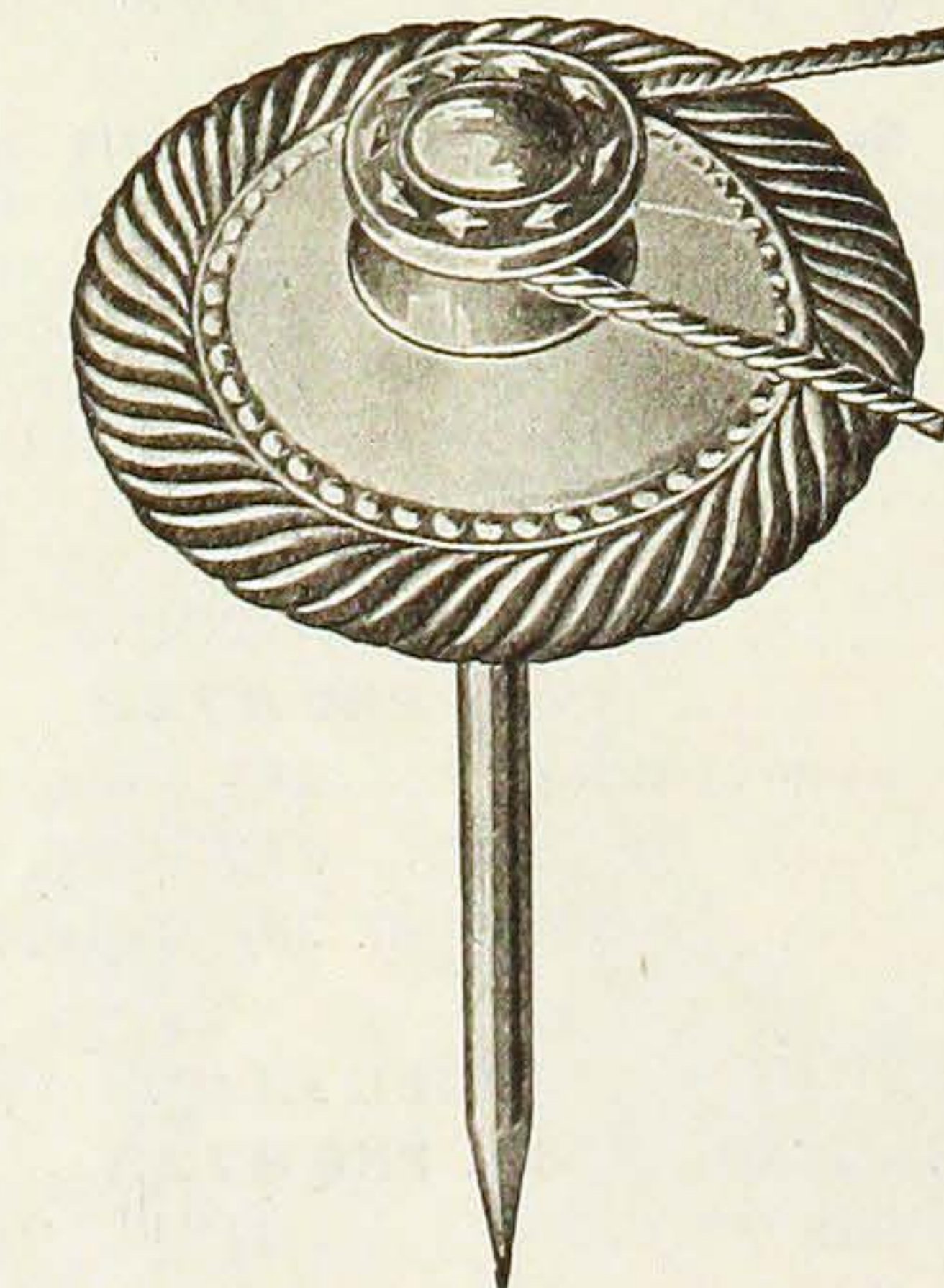
No. PHS 9885



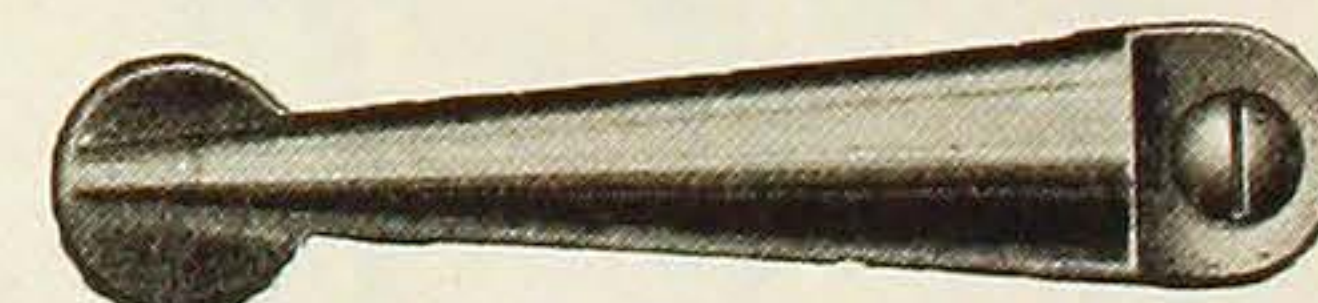
No. PHS 9888



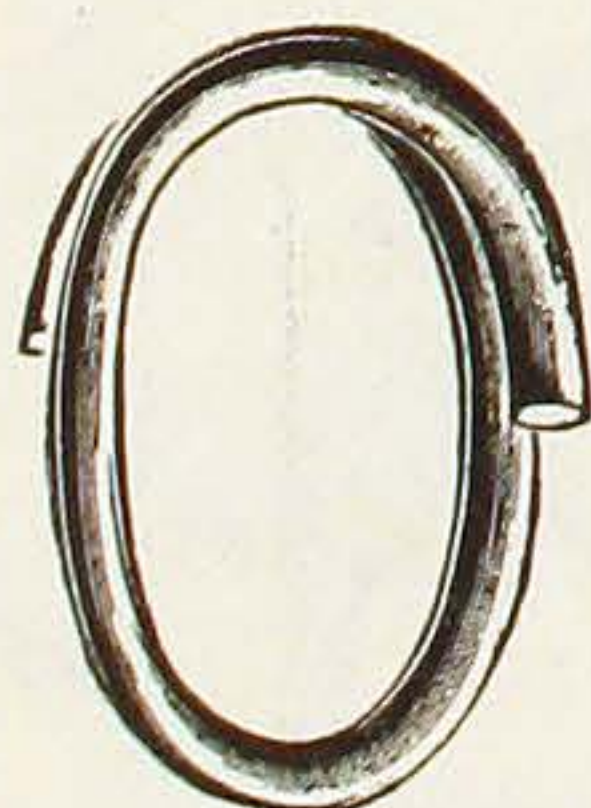
No. PHS 9889



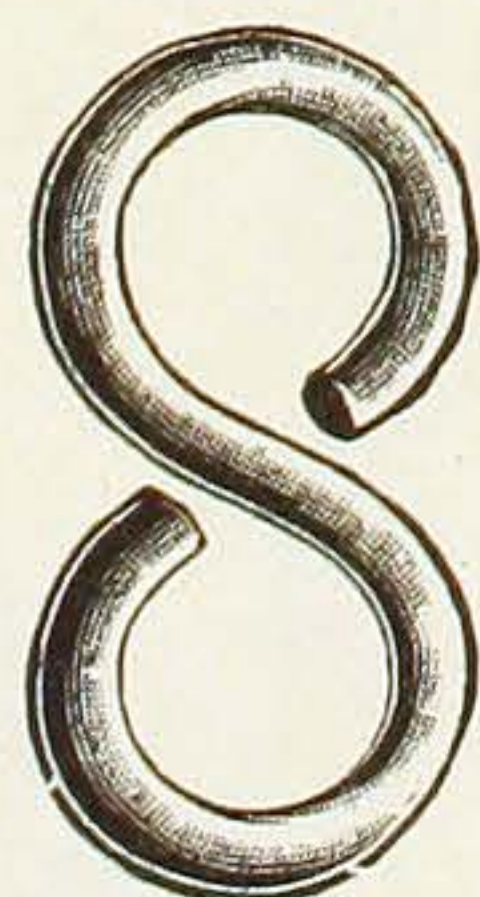
No. PHS 8722 PICTURE NAIL WITH CHINA CENTRE. 22/9 gross, 2/- dozen.



No. PHS 9886



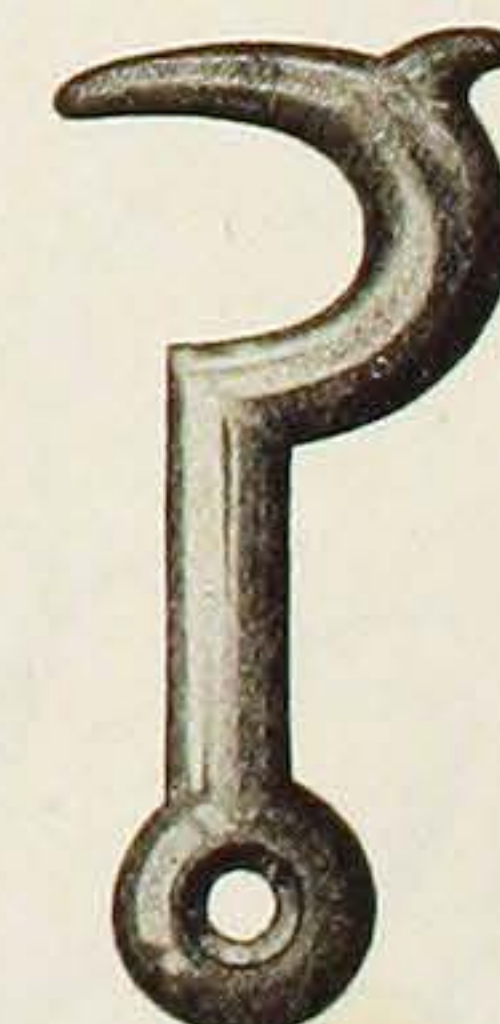
No. PHQ 8717 DOUBLE LOOP. Electro Brassed. 4/- gross. 6d. dozen.



Size	No. PHS 8718 "S" HOOKS. Brass.		
	1/2"	1/4"	1/2"
Gross	1/2	1/4	2/-
Size	1" x 12G	1 1/4" x 11G	1 1/2" x 10G
Gross	2/6	4/-	5/3
Size	1 1/4" x 9G	2" x 8G	
Gross	3/6	14/6	



No. PHS 8720 CAST BRASS PLATE. RING. Size. Gross. dozen. 1/2" x 11G 22/9 2/- 1" x 10G 33/- 3/- 1 1/4" x 9G 38/6 3/6



No. PHS 8721 BRASS SIDE HOOKS & EYES. Size. dozen. gross. Complete with Eyes. 1/2" 8d. 7/- 1" 9d. 7/6 1 1/4" 11d. 9/3 1 1/2" 1/- 10/6 2" 1/2 12/3 22/9

"Forward" Clothes Airer

Universally approved as the Housewives' Biggest Labour Saver, The "FORWARD" CLOTHES AIRER is already a fixture in many homes throughout the country.

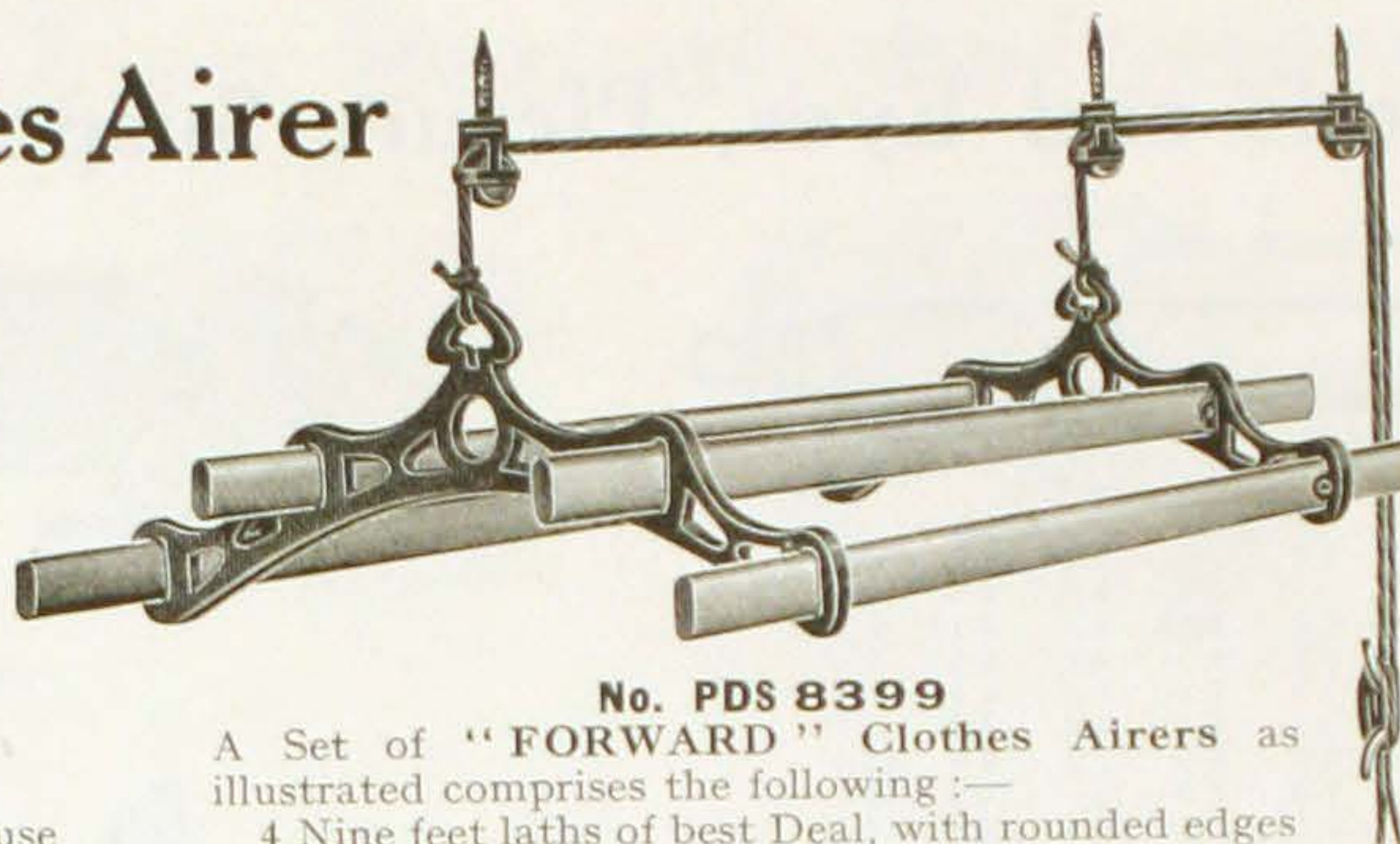
DRIES THE WASH INSIDE
NEAR THE CEILING
WHERE THE WARMTH IS.

All housewives detest a wet washing day because of the drying.

Unsightly pieces of rope or string adorn the living room, hung with damp clothes, put there to dry; or else when everyone has gone to bed, the damp clothes are laid before the dying embers of the day's fire.

Why have this inconvenience, when for a small outlay of a few shillings the "FORWARD" Clothes Airer will accommodate the whole of the day's wash, nearer the ceiling where the warmth is, and out of everyone's way?

Easily fixed and taken down yourself, they instantly become a piece of the house furniture never to be dispensed with.



No. PDS 8399

A Set of "FORWARD" Clothes Airers as illustrated comprises the following:—

- 4 Nine feet laths of best Deal, with rounded edges to facilitate the removal of the Clothes.
- 2 Cast Iron Brackets.
- 2 Single Pulleys with screw for fixing in
- 1 Double Ceiling.
- 1 Cleat Hook for fastening Cord as shown.
- 1 Knot of Sash Cord 36 feet long.

Necessary screws for fixing.

Should the 9 ft. laths be too long they may be easily sawn to a smaller length.

Price 7/6 each set complete.

Carriage to nearest Railway Station and Packing 2/- extra (Great Britain only).

Special Conditions applying to Ireland on application.

What Users say:

"Delighted with it."

Cleethorpes.

"Thanks very much for Clothes Airer which arrived to-day, Saturday, quite safe. Am delighted with it and shall recommend it to friends."—A.H.

"Highly Satisfied."

Bradford.

"We duly received the Clothes Airer to-day in good condition and are highly satisfied with same. Thanking you for your prompt attention."

"Excellent in Design."

Sheffield.

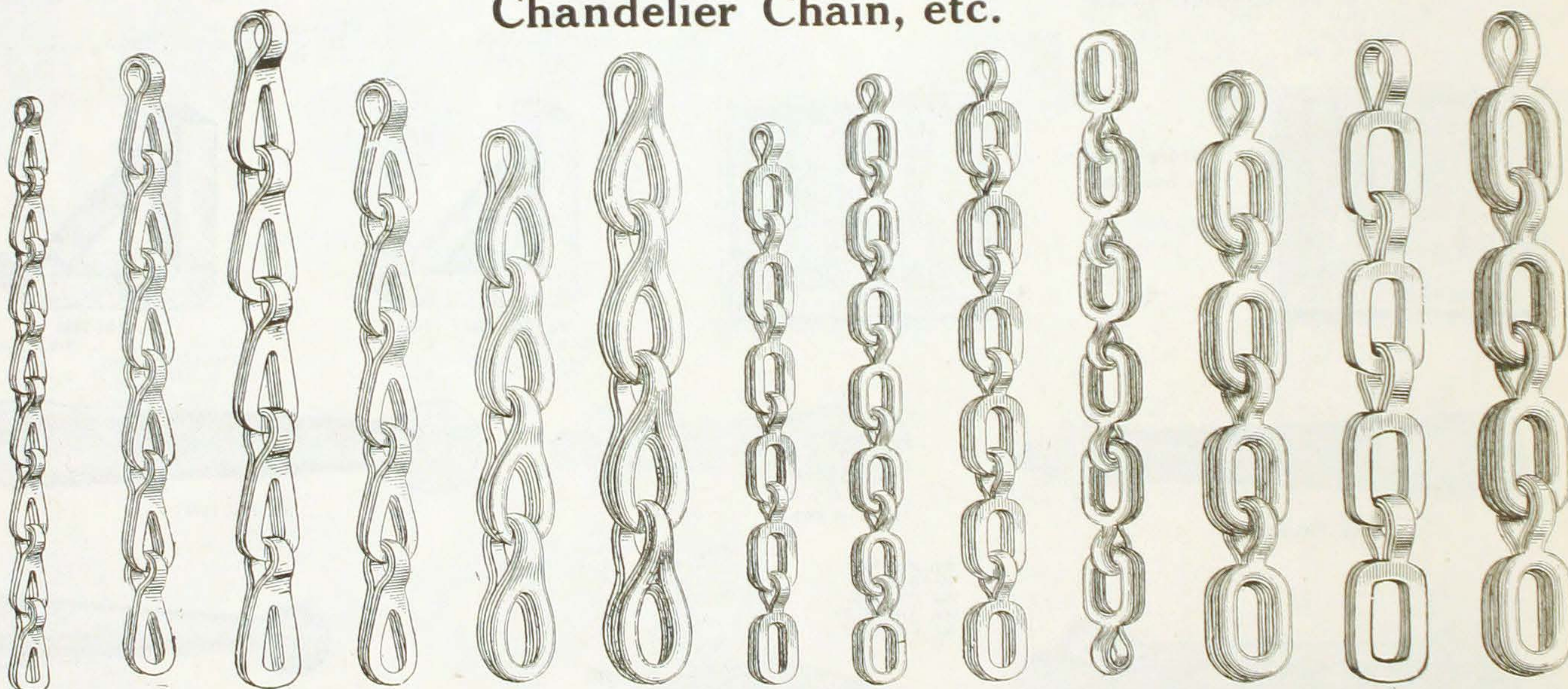
"I received the Clothes Airer safely and beg to inform you that it is excellent in design and satisfactory in every way. I am showing it to friends." J.W.H.

"Quite Satisfied."

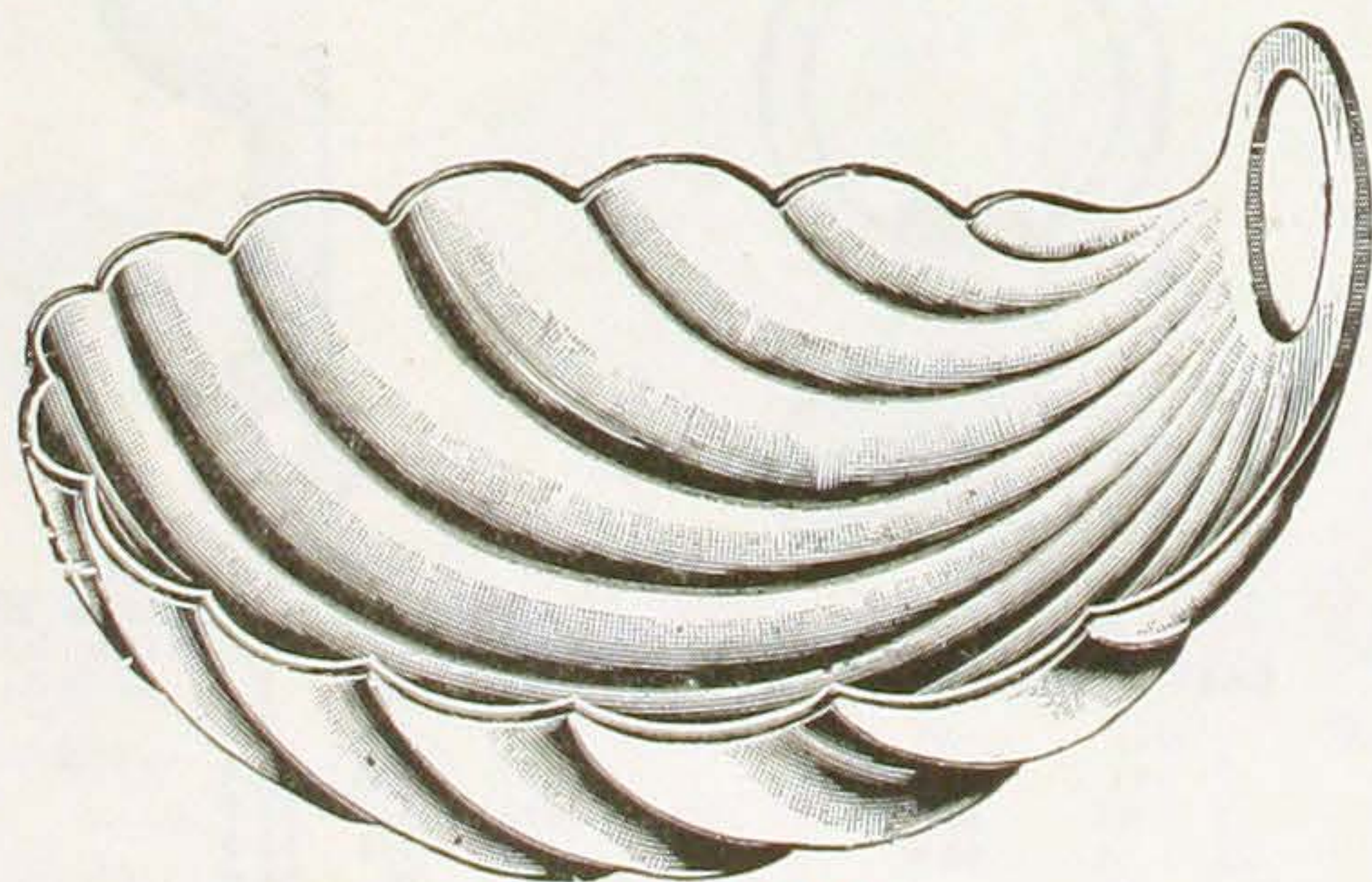
Hounslow.

"I have much pleasure in informing you Clothes Airer was delivered yesterday in excellent condition and has now been erected. I am quite satisfied with the article." R.E.N.

Chandelier Chain, etc.



No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS	No. PHS
2663	9701	9703	9702	9704	9705	9706	9707	9708	9709	9710	9711	9712		
Brass	...	3/1	7/6	11/6	8/9	16/3	24/1	8/9	12/3	9/3	13/2	17/6	17/6	32/6 dozen yards.
Bronzed	...	3/7	8/8	13/1	10/1	18/8	27/8	10/1	14/1	10/7	15/1	20/2	20/2	37/3
Oxidized Silver	...	4/1	10/-	15/2	11/8	21/8	32/1	11/8	16/4	12/3	17/6	23/4	23/4	43/2



No. PHO 8748

REFLECTOR.

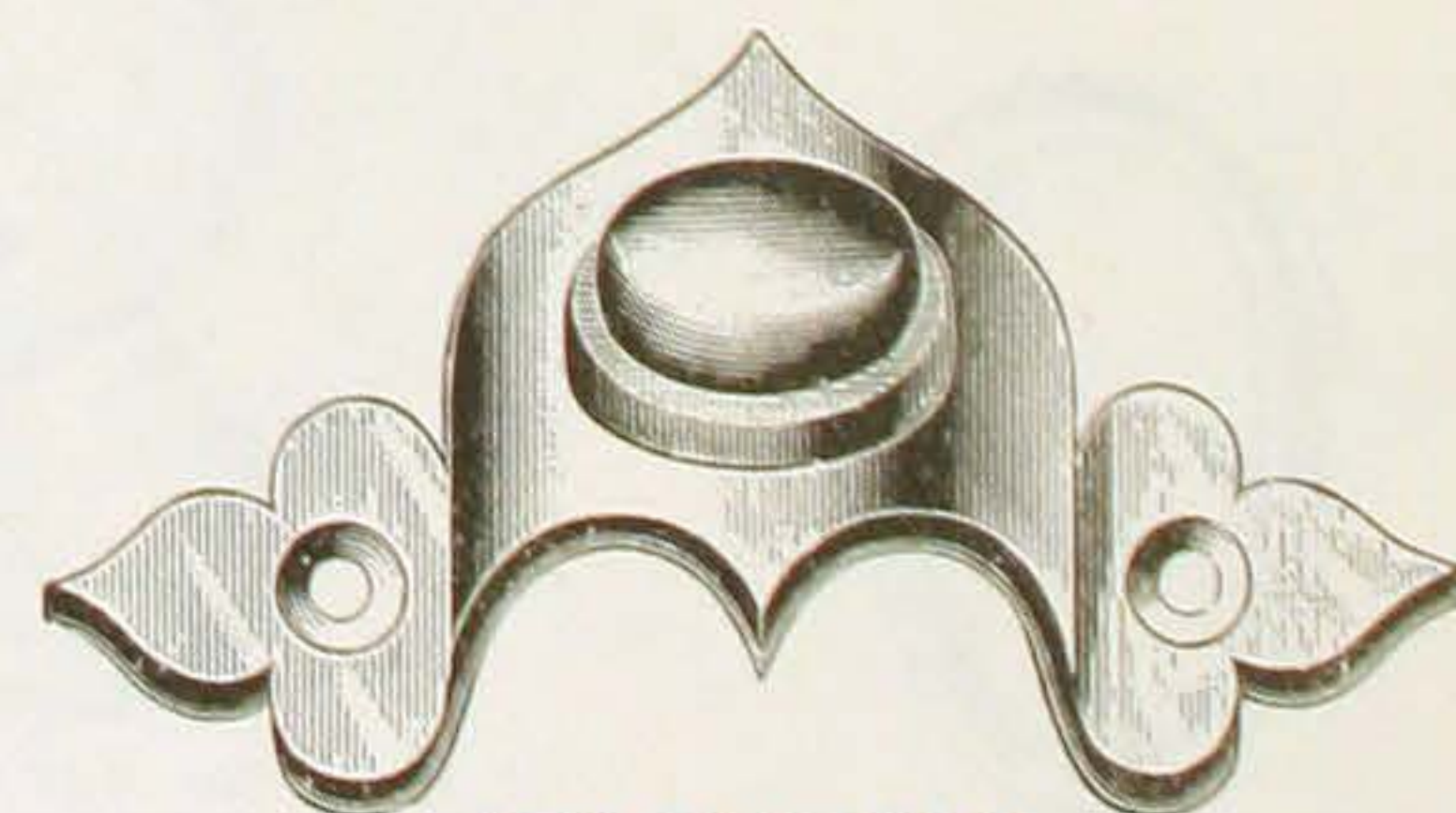
No. PHO 8748

Price in Brass	...	21/- dozen, 1/10 each.
" Bronze	...	24/3 dozen, 2/2 each.
" Oxidized Sil.	...	28/- dozen, 2/6 each.

PIPE CLIP.

No. PHQ 9733

Size	...	1 1/4"	1 1/2"
Price	...	9/3	11/6 dozen.
"	...	10d.	1/1 each.



REG N° 189854.

PIPE CLIPS.

No. PHQ 9733 Scale 1/2 size.

To fit Lead Pipes.

"B" Basis, excepting Clothes Airer, which has Special Terms, quoted on request.

PHS and PDS—Stock Lines; PHO—To order only; PHQ—Quick delivery.

**Chains, various,
Cue Clips,
etc.**



No. PHQ 9713
Clock Chain.
Scale full size.
doz. yards.
Brass 5/3
Bronzed 6/-
Ox. Silvered 7/-



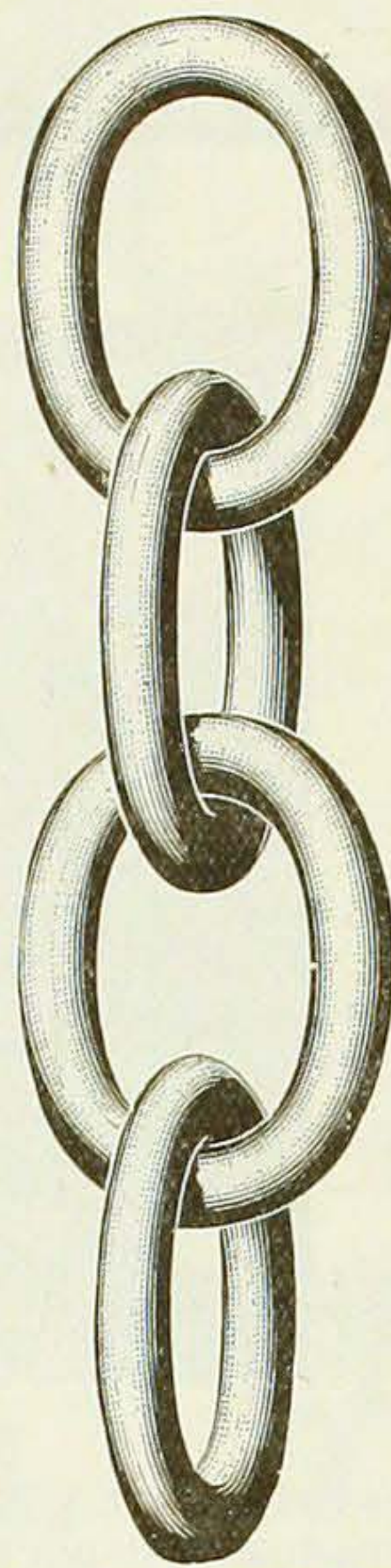
No. PHS 9715



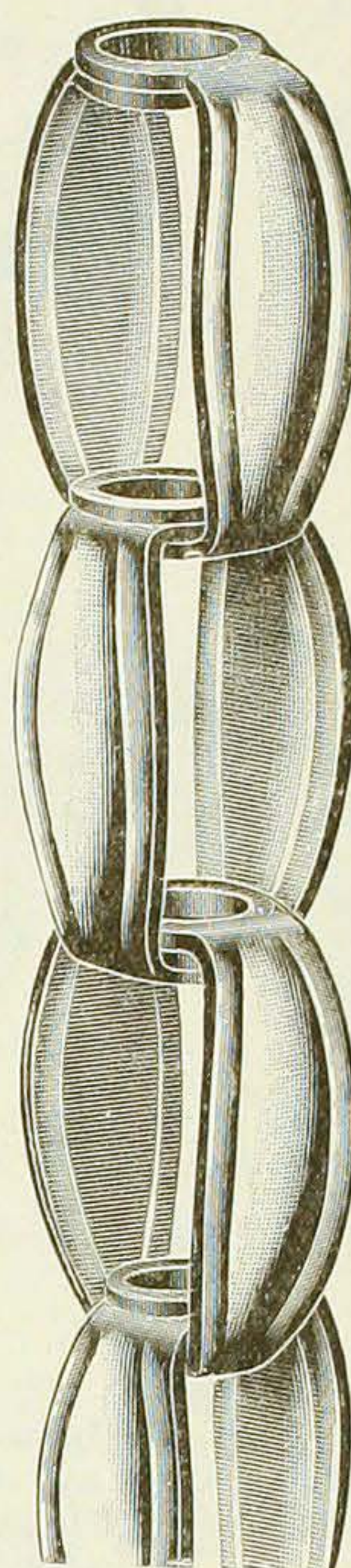
No. PHS 9714

OVAL LINK CHAIN. Scale Full Size.

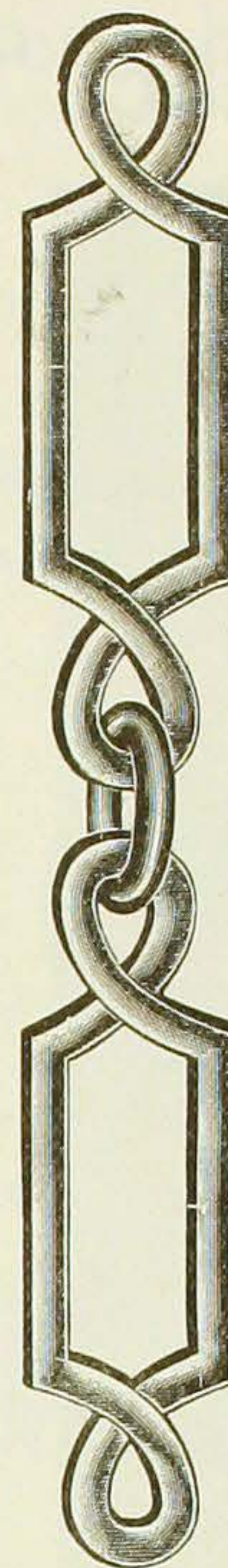
	Brass.	Bronzed.	Oxydized Silvered.	
No. PHS 9714 ..	11/6	13/1	15/2	per dozen yards.
No. PHS 9715 ..	14/-	16/1	18/8	" "
No. PHQ 9716 ..	22/9	26/2	30/4	" "
No. PHQ 9717 ..	35/-	40/3	46/8	" "



No. PHQ 9717



No. PHQ 9718



No. PHQ 9719

ELECTROLIER CHAIN. Full Size.

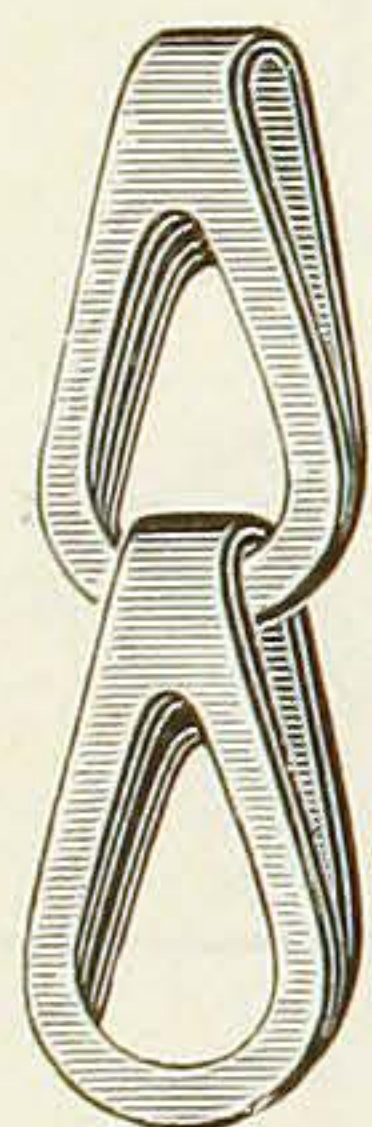
	Brass.	Bronzed.	Ox. Silvered.	
No. PHQ 9718 ..	43/9	50/4	58/4	per dozen yards.
No. PHQ 9719 ..	23/8	27/2	31/6	" "
No. PHQ 9720 ..	23/8	27/2	31/6	" "
No. PHQ 9721 ..	17/6	20/2	23/4	" "



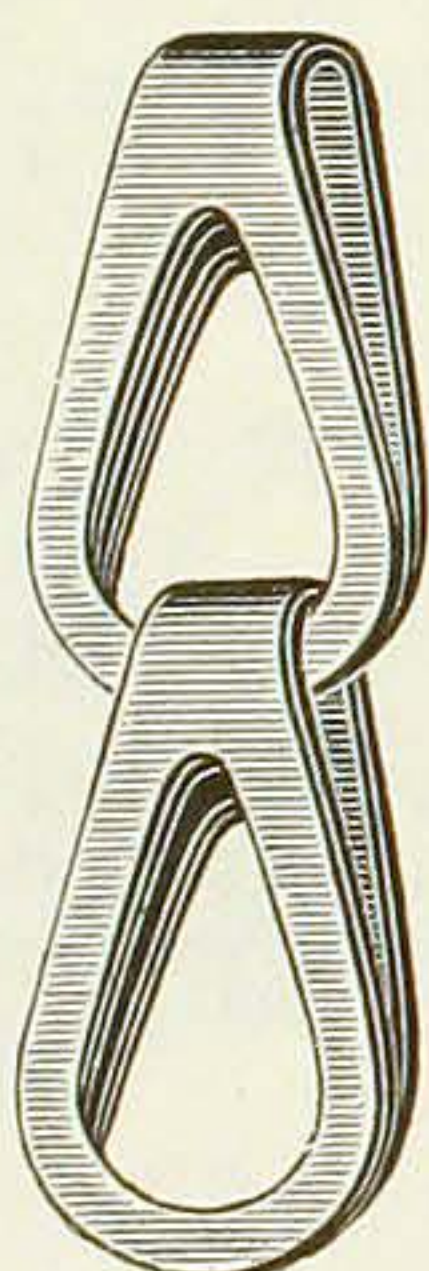
No. PHQ 9720



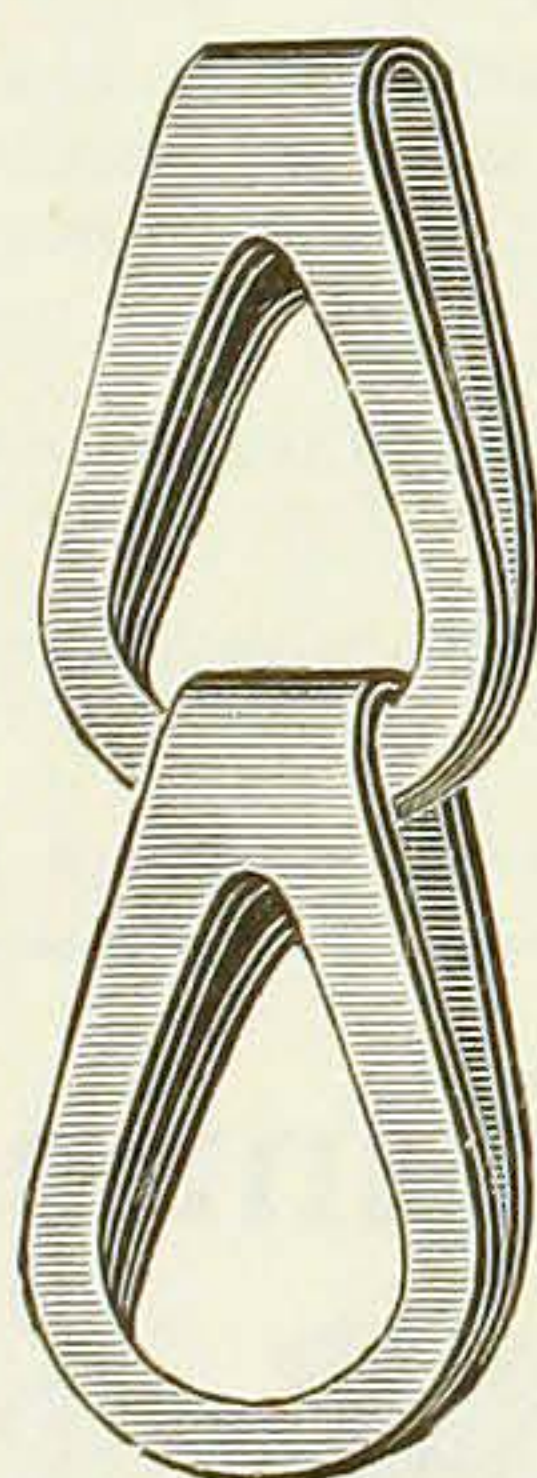
No. PHQ 9721



No. PHQ 9722



No. PHQ 9723



No. PHQ 9724

PICTURE CHAIN. Full Size.

	No. PHQ 9722	No. PHQ 9723	No. PHQ 9724
Brass ..	11/-	12/9	15/9
Bronzed ..	12/8	14/8	18/2
Oxydized Silvered ..	14/8	17/-	21/-

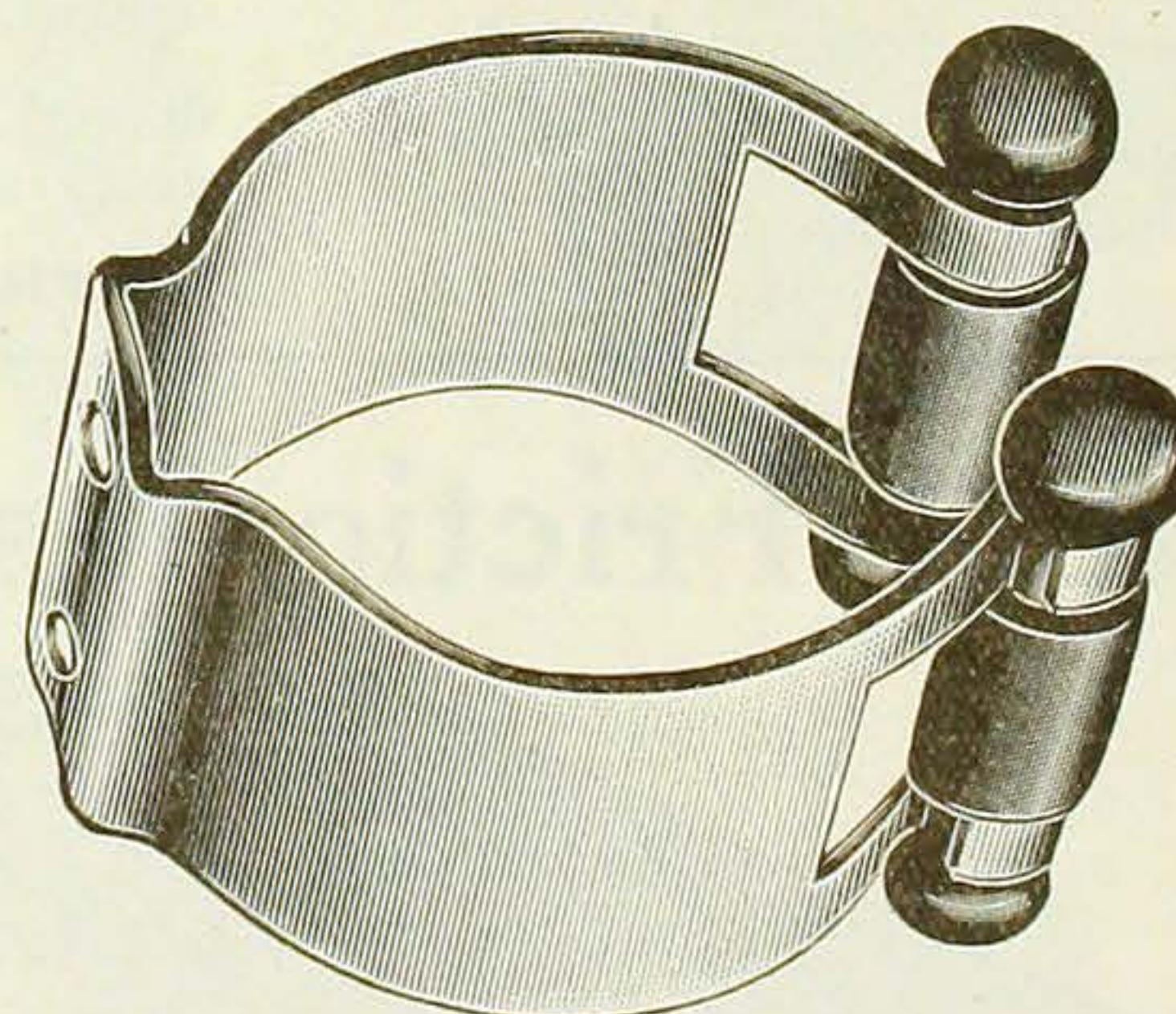
per dozen yards.



No. PHQ 9725

LADDER CHAIN.

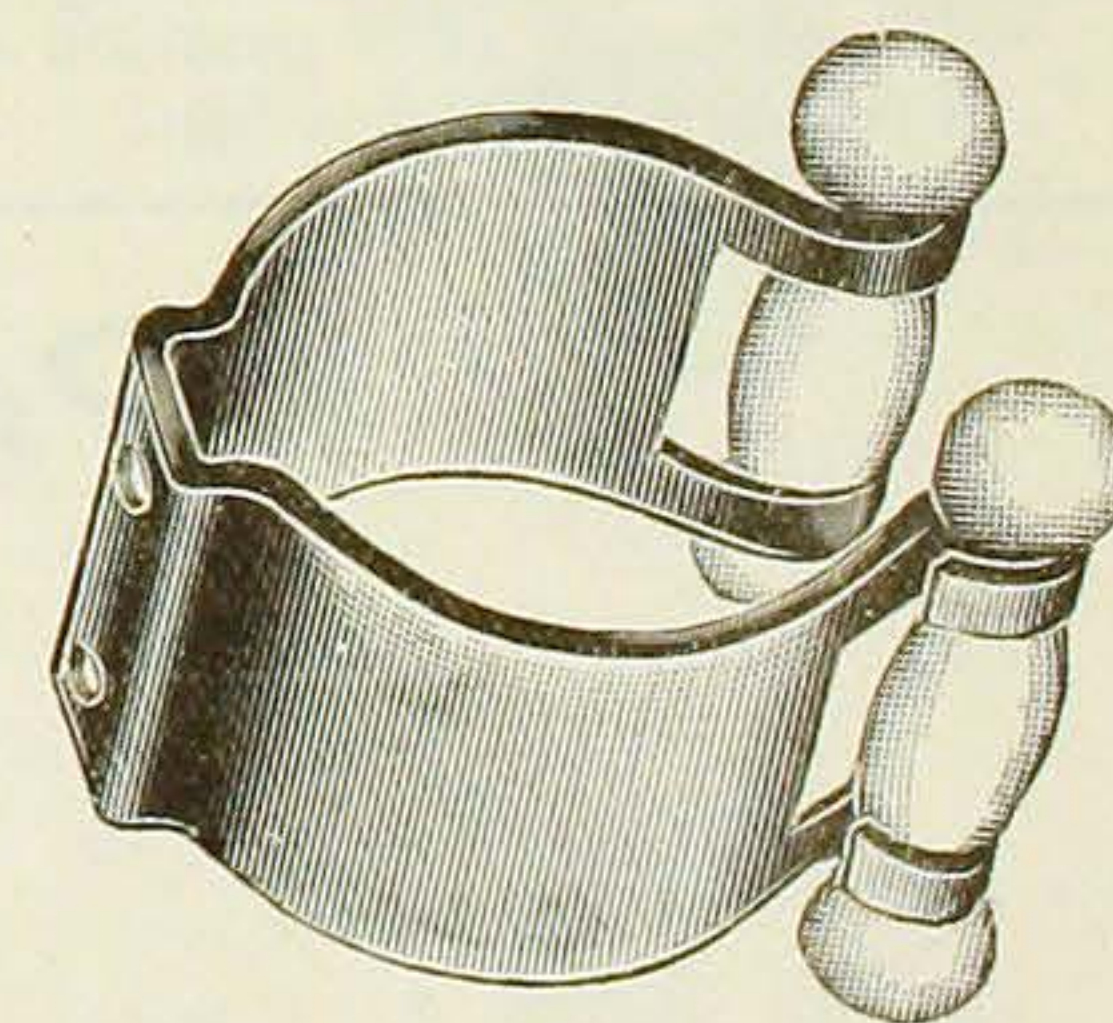
	Full Size.
Brass ..	6/2 per doz. yards.
Iron ..	3/6 " "



No. PHQ 9730

SPRING CUE CLIPS.

	Brass.	Bronzed.	Ox. Silver.
No. PHQ 9730	70/-	80/6	93/4 dozen.
	6/-	6/10	8/- dozen.



No. PHQ 9731

Scale 1/2 Size.

	Brass.	Bronzed.	Ox. Silvered.
No. PHQ 9731	61/3	70/6	81/8 gross.
	5/3	6/-	7/- each.



No. PHQ 9726
Single.



No. PHQ 9727
Single.



No. PHQ 9728
Double.

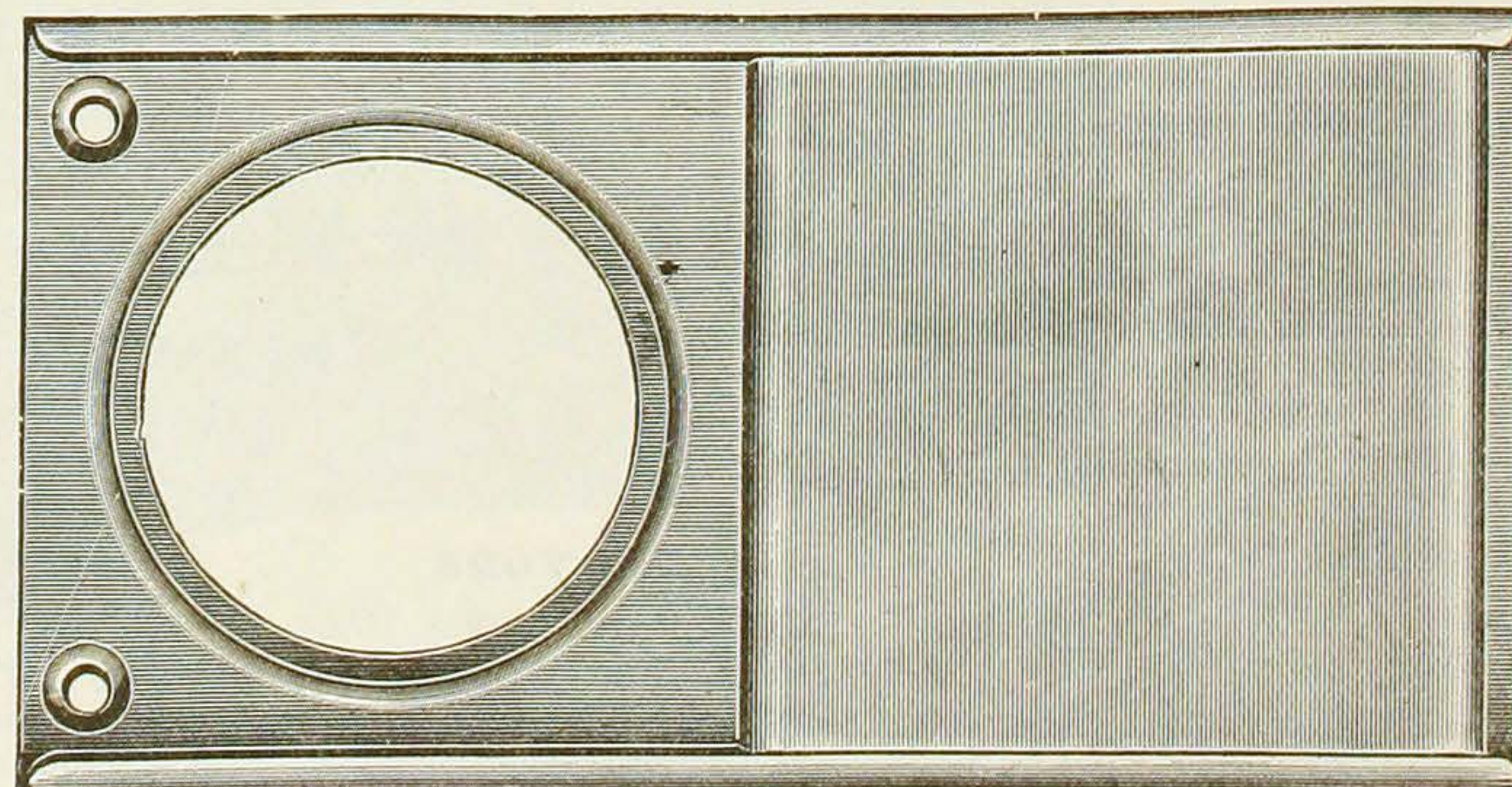


No. PHQ 9729
Double.

BRASS JACK CHAIN. Full Size.

	No. PHQ 9726	No. PHQ 9727	No. PHQ 9728	No. PHQ 9729
	5/9	8/9	8/8	12/7

per dozen yards.

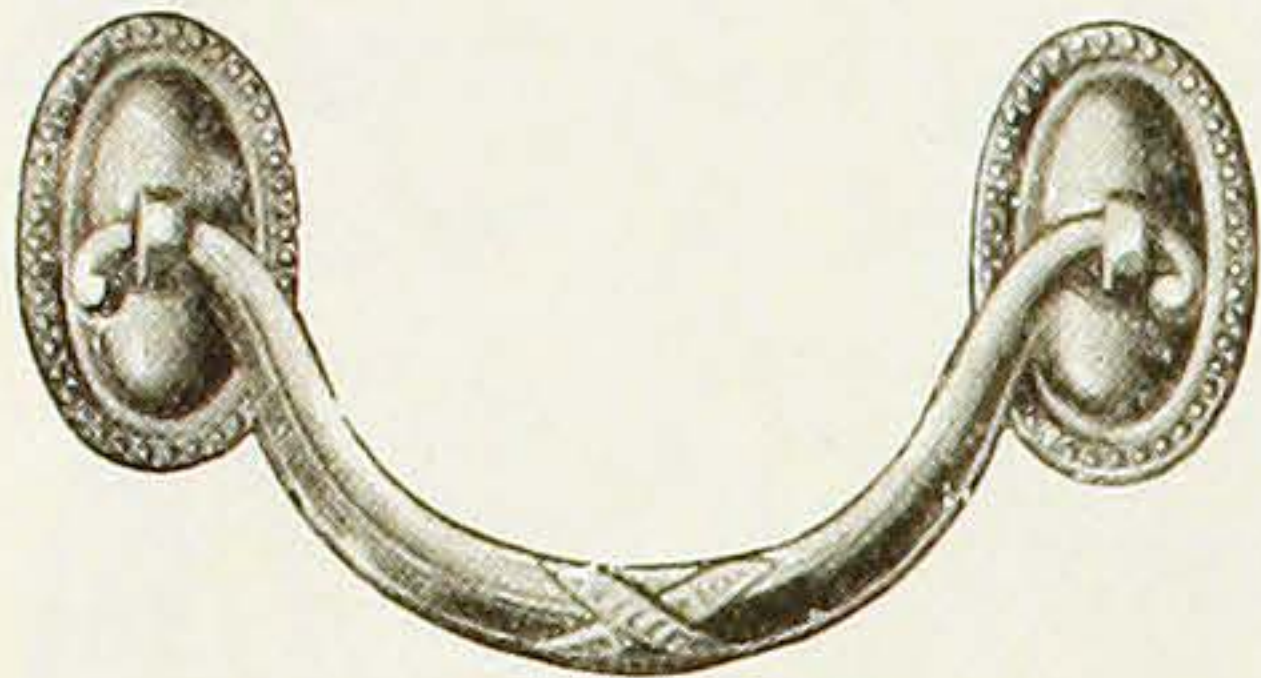


No. PHQ 9732

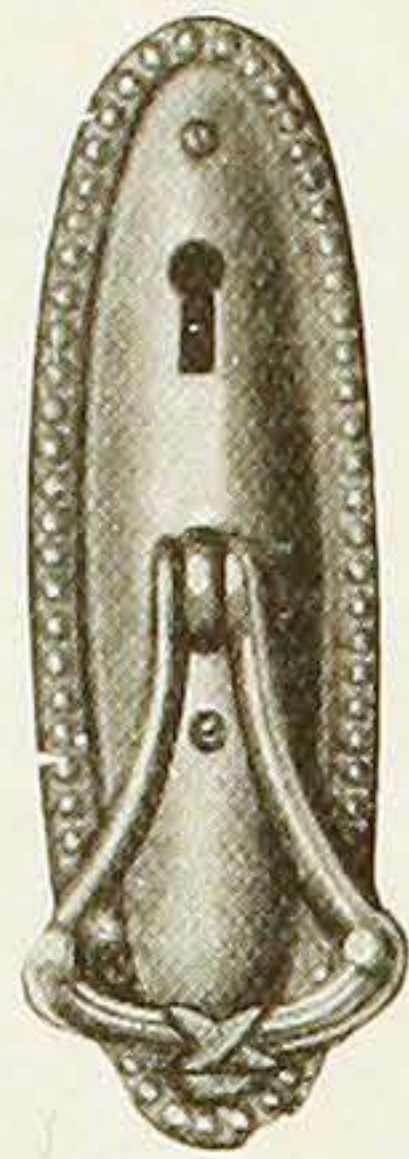
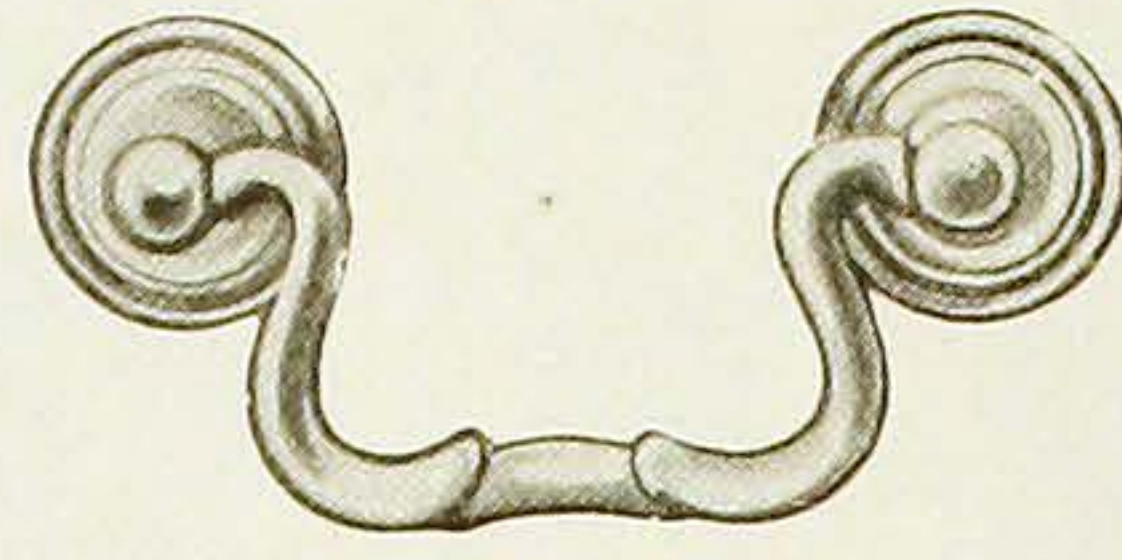
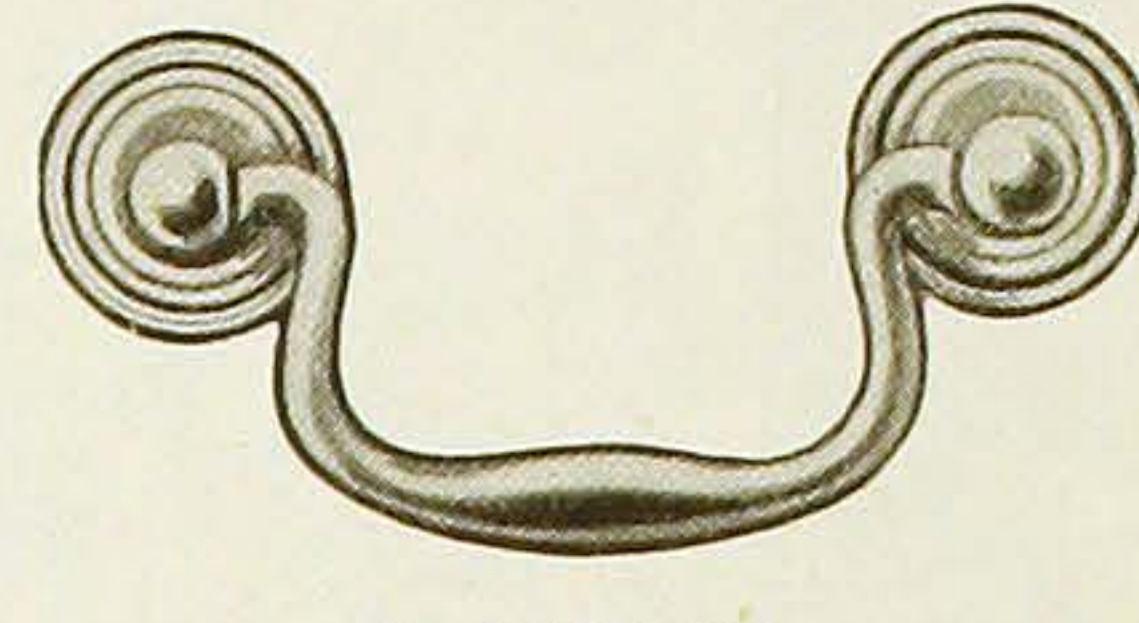
INKWELL SLIDE. (Full Size).

	Brass	Bronzed	Oxydized Silvered	
	110/3	126/9	147/-	gross.
	9/6	10/9	12/6	dozen.

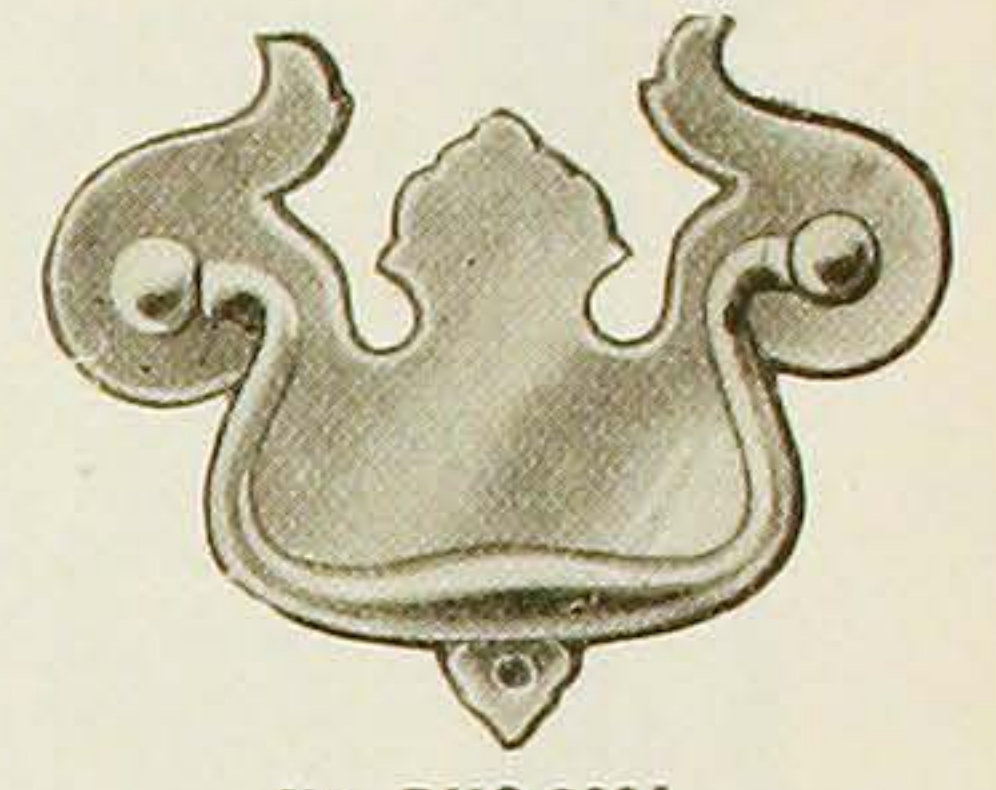
Cabinet Handles, Escutcheons, Knobs, etc.



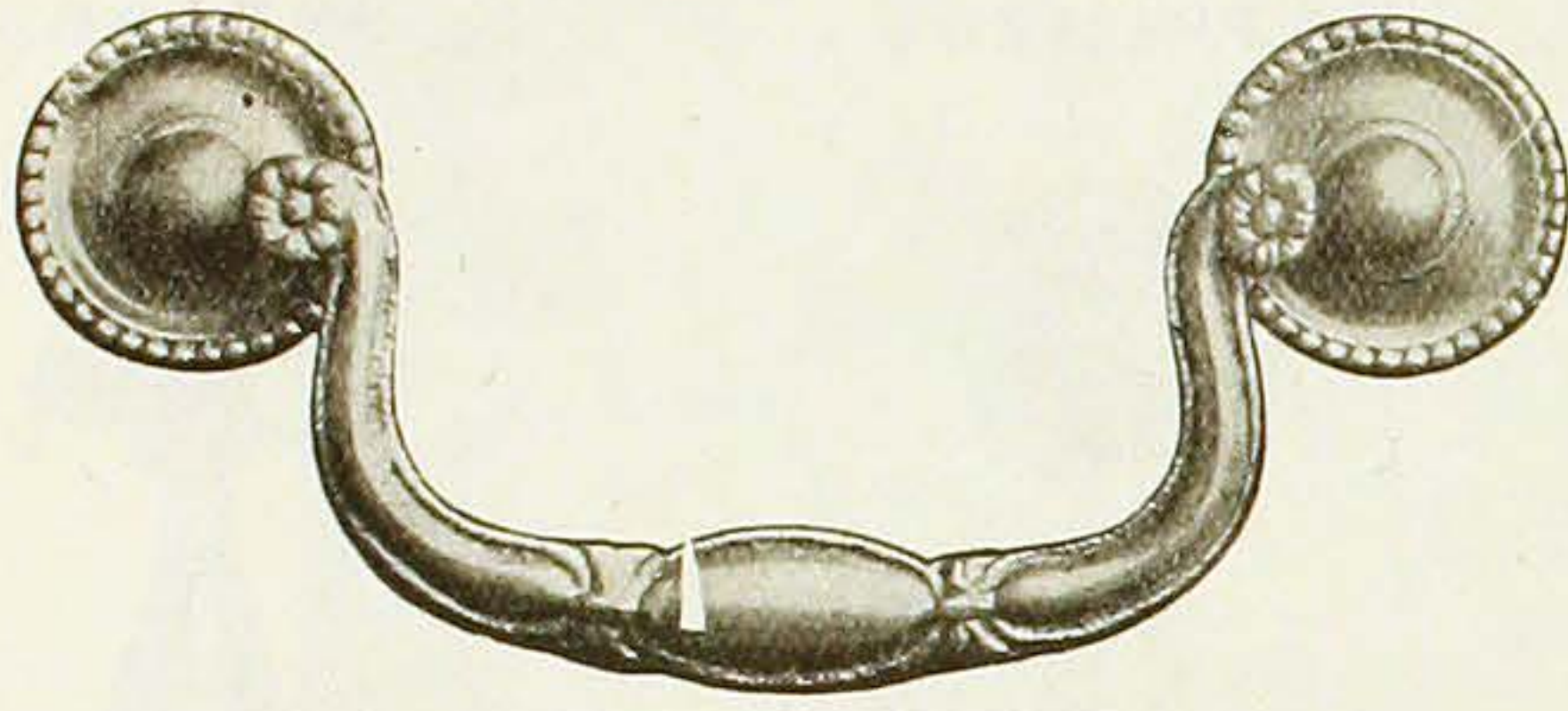
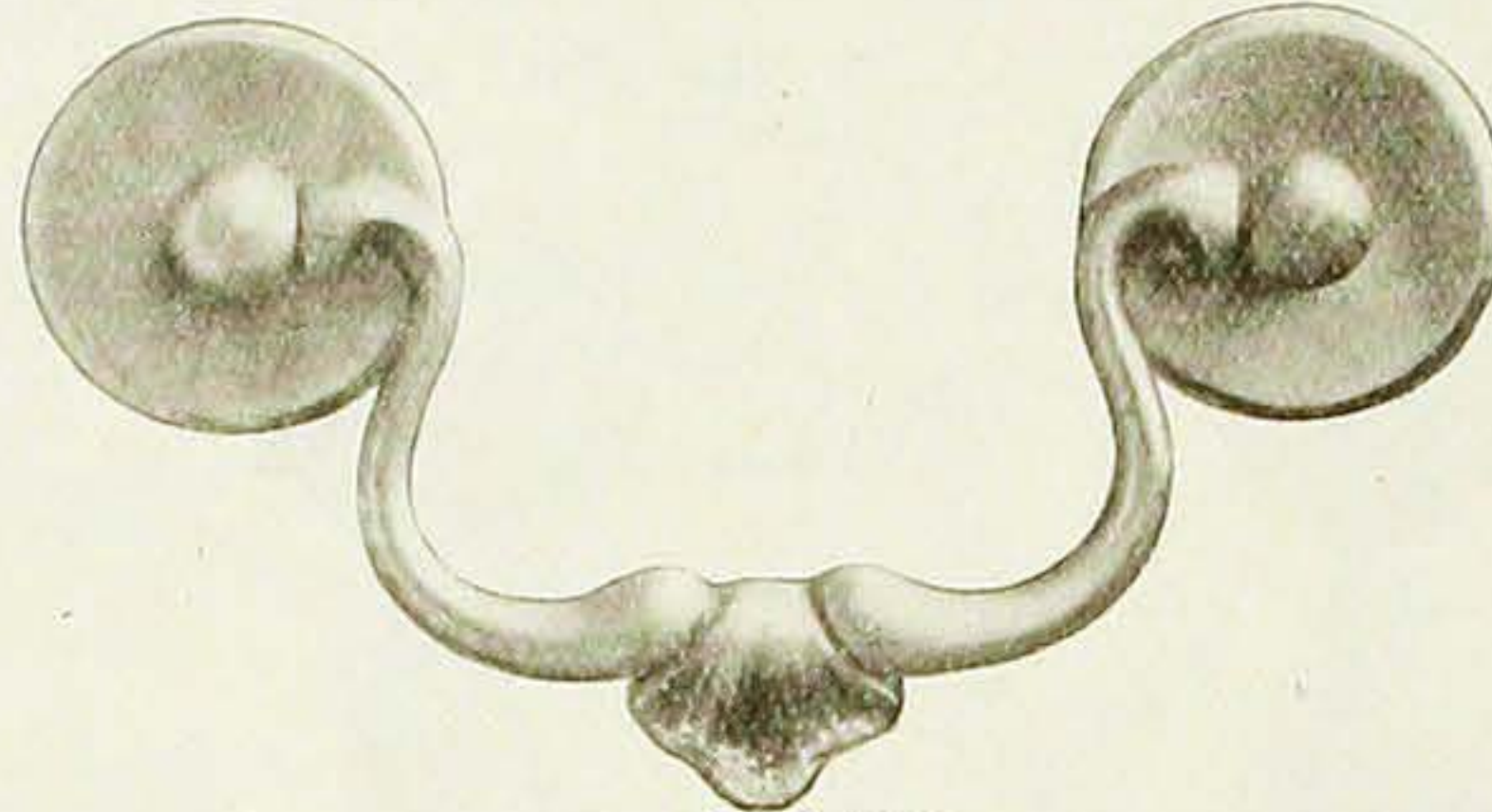
No. PHQ 8661 DRAWER.

No. PHQ 8661 WARDROBE.
Priced under Cabinet Handles, see below.No. PHS 8662
Stocked only in Antique Brass.

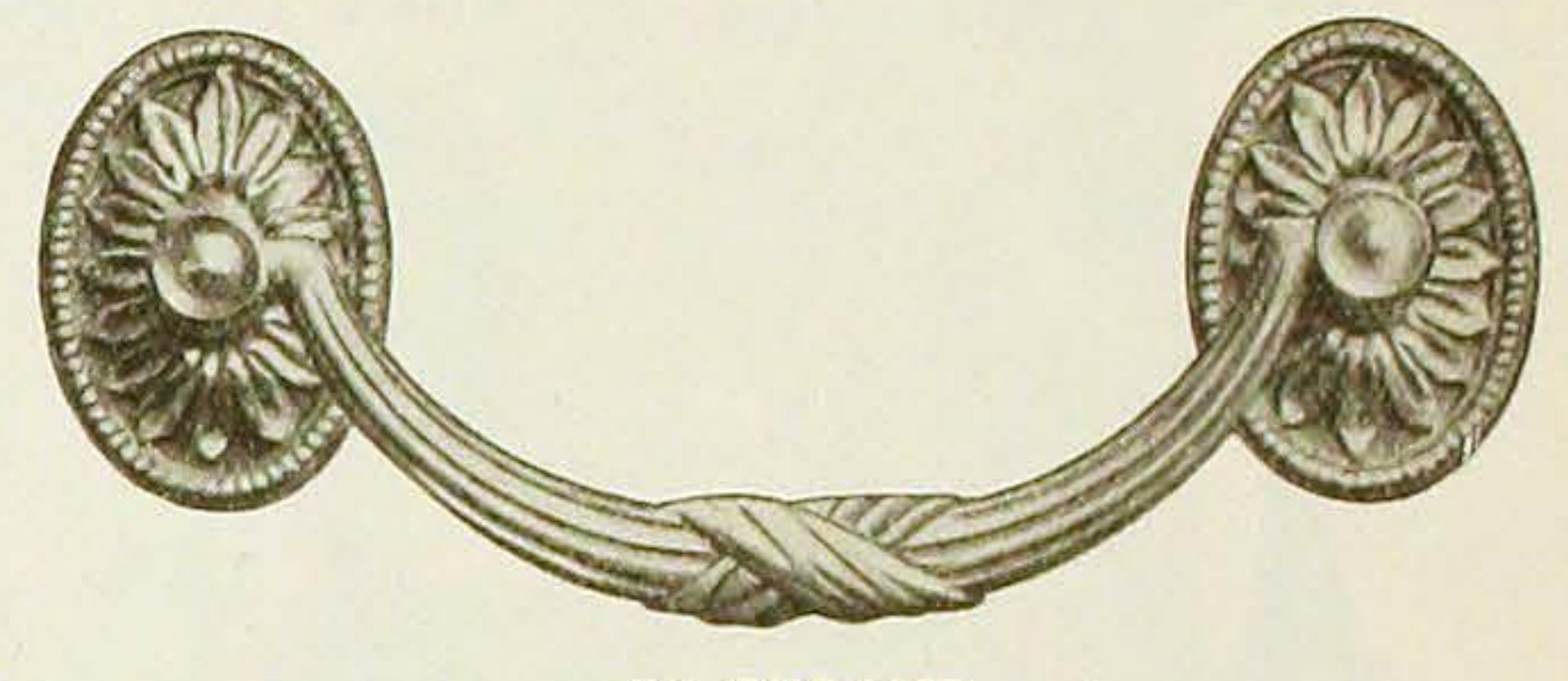
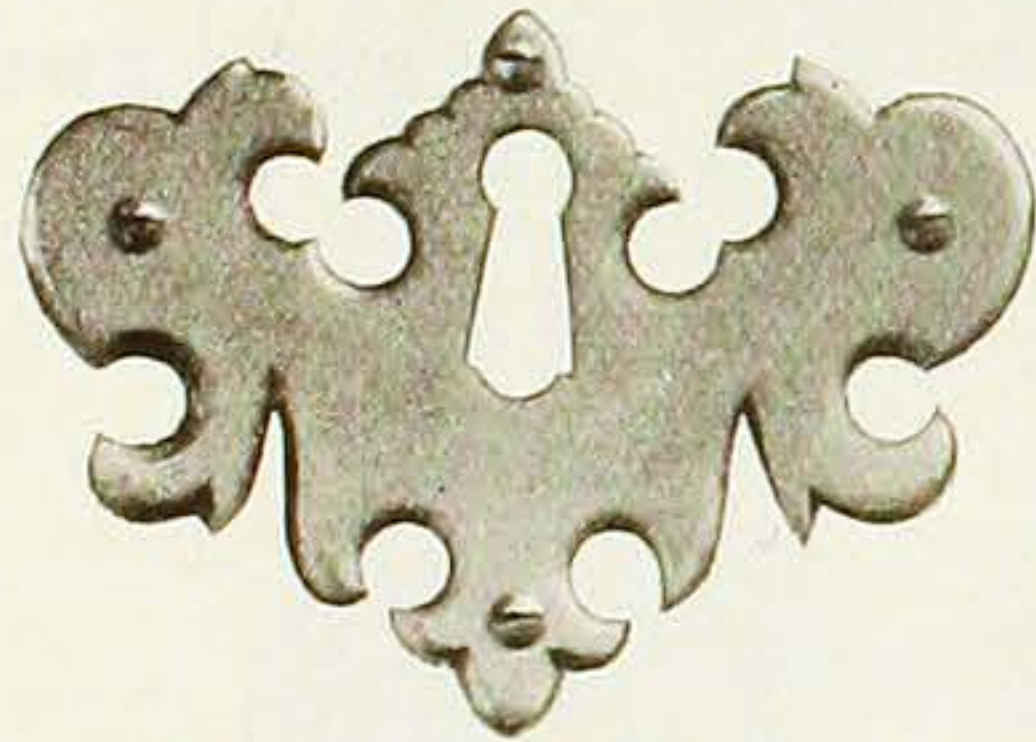
No. PHQ 8663



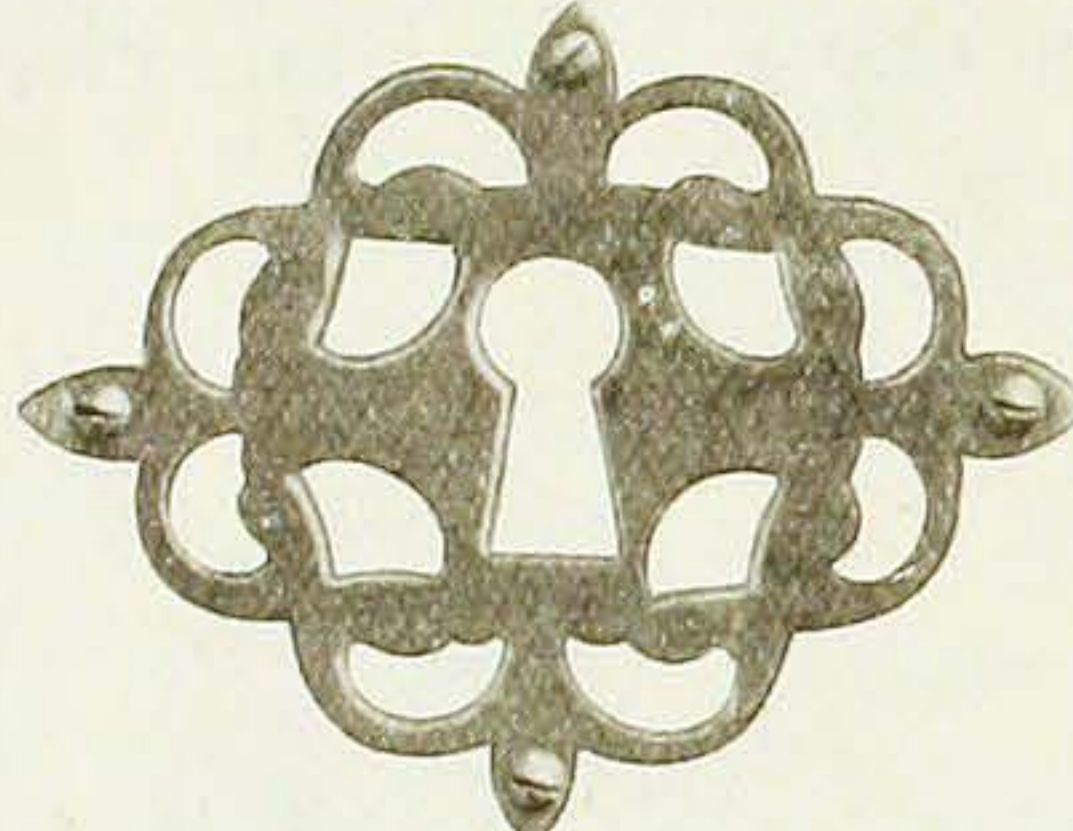
No. PHQ 8664

No. PHQ 8665 DRAWER.
Priced under Cabinet Handles, see below.No. PHQ 8666
Priced under Cabinet Handles, see below.

No. PHQ 8574

No. PHQ 8667
Priced under Cabinet Handles, see below.

No. PHQ 8775



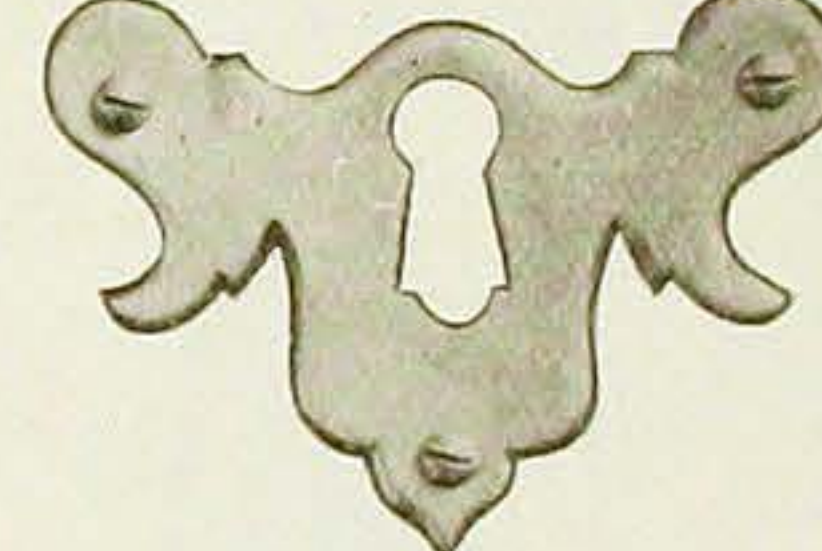
No. PHQ 8776



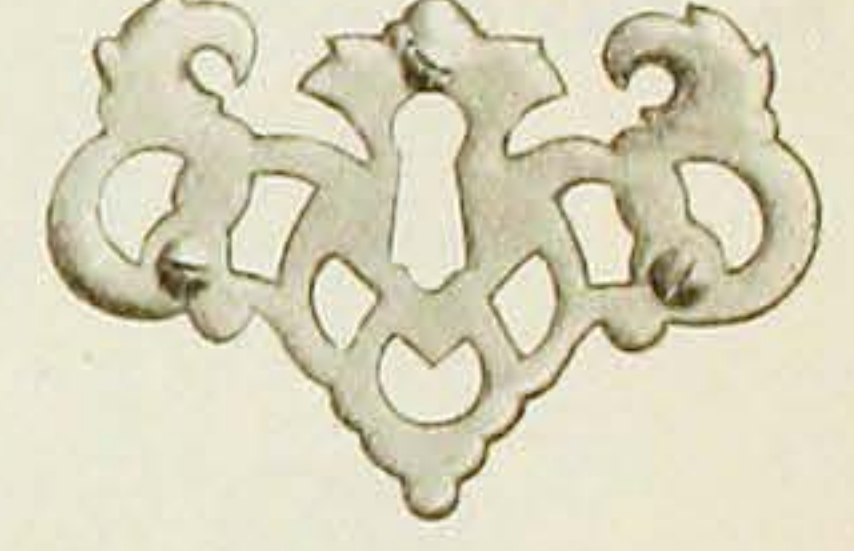
No. PHS 8573



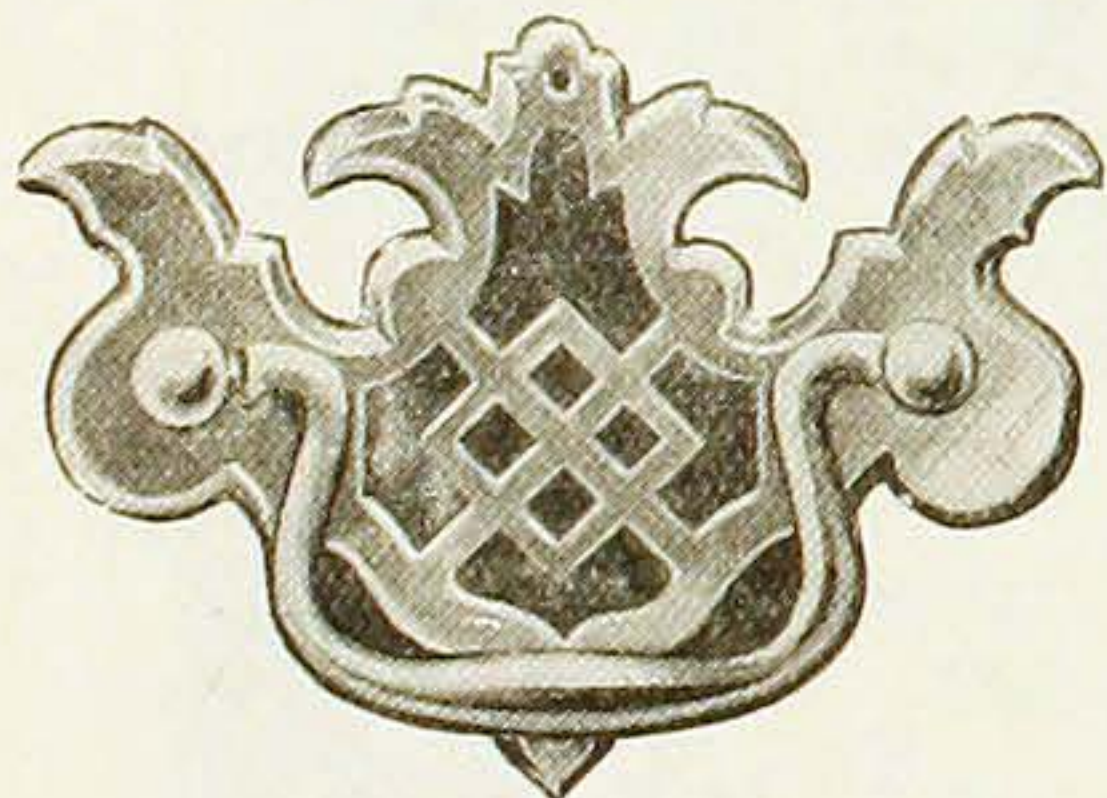
No. PHQ 8777



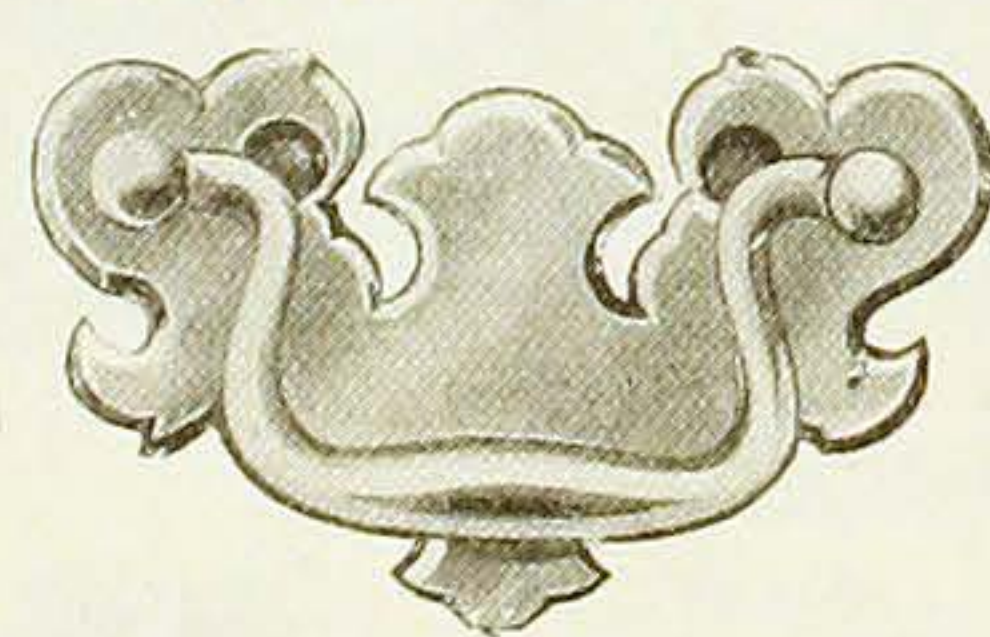
No. PHQ 8778



No. PHQ 8779



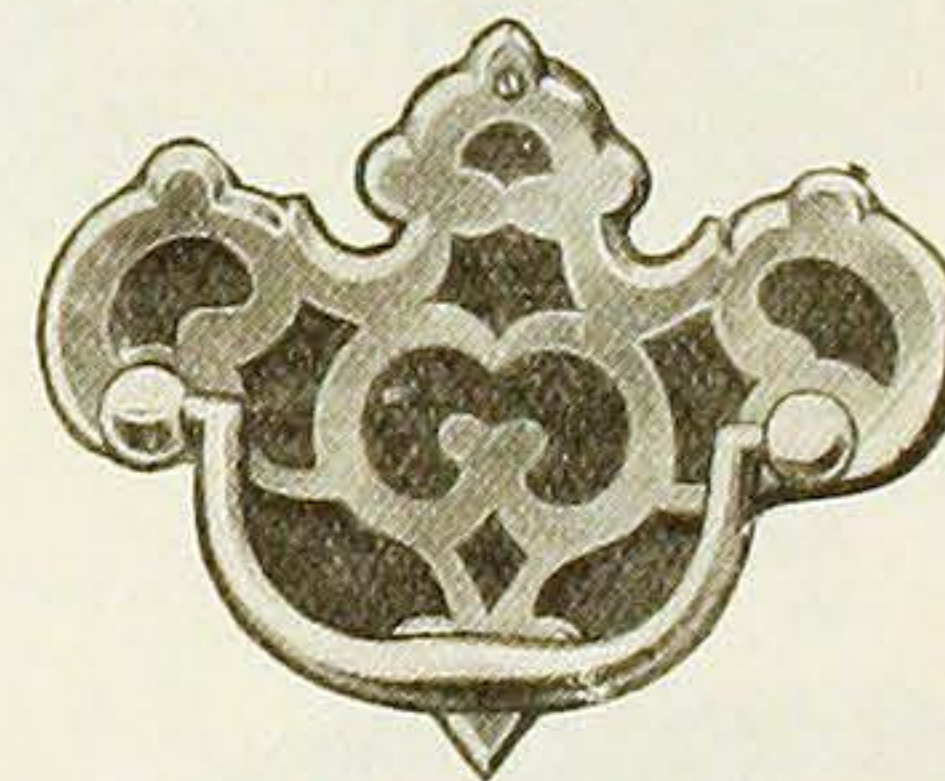
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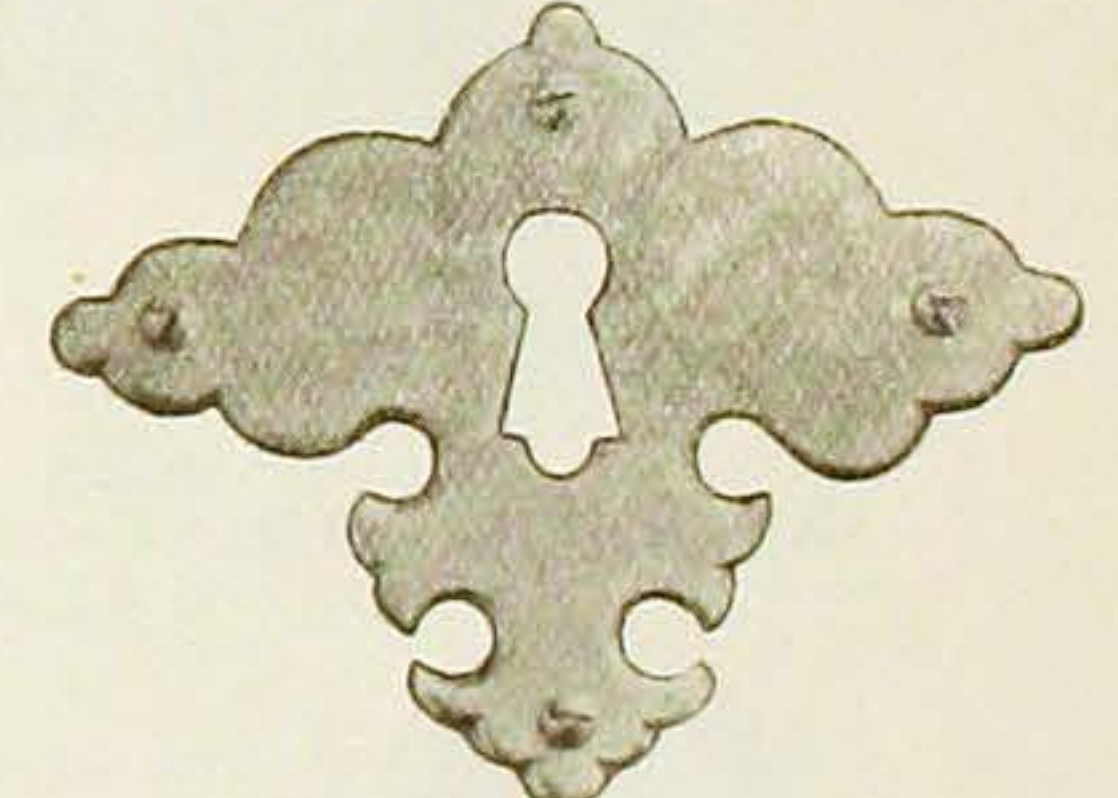
No. PHQ 8781



No. PHQ 8782



No. PHQ 8784



No. PHQ 8785



No. PHQ 8786



No. PHQ 8787



No. PHQ 8788



No. PHQ 8789



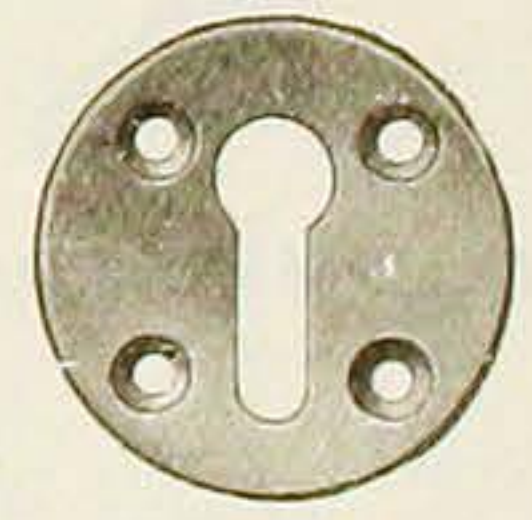
No. PHQ 8791



No. PHQ 8792



No. PHQ 5917



No. PHQ 5919

DRAWER HANDLES.

A.B., old Ox. Sil. C.B.&R.
A.B. or on Brass, on Brass.
Pol. Brass.

No.	Size	14/6	19/3	17/4	dozen.
No. PHS 8662	4"	14/6	19/3	17/4	dozen.
	3 1/2"	13/2	17/6	15/9	"
	3"	11/10	15/9	14/2	"
	2 1/2"	11/-	14/8	13/2	"
	2"	9/8	12/10	11/6	"
	Wardrobe	11/5	15/2	13/7	"
	C. Turn	13/6	18/-	16/3	"
	Pedestal	8/4	11/1	10/-	"
No. PHQ 8663	4"	14/-	18/9	16/9	"
	3 1/2"	12/8	17/-	15/4	"
	3"	11/5	15/3	13/7	"
	2 1/2"	10/6	14/-	12/7	"
	2"	9/3	12/3	11/-	"
	Wardrobe	11/-	14/7	13/2	"
	C. Turn	12/3	16/4	14/9	"
	Pedestal	8/-	10/6	9/6	"
No. PHQ 8664	4 1/2"	21/10	29/2	26/3	"
	3 1/2"	18/-	24/-	21/6	"
	2 1/2"	13/7	18/1	16/3	"
No. PHQ 8780	Handle	18/-	24/-	21/6	"
	Pedestal	12/3	16/4	14/10	"
No. PHQ 8781		15/4	20/6	18/5	"
No. PHQ 8784		16/3	21/6	19/6	"
No. PHQ 8574		8/9	11/9	10/6	"

FINIAL AND CUP.

CABINET HANDLES.

A.B. Old Ox. Silver C.B.&R.
A.B. or on Brass, on Brass.
Pol. Brass.

No.	Size	12/3	16/4	14/9	dozen.
No. PHQ 8661	3 1/2" Drawer	12/3	16/4	14/9	dozen.
	3"	11/10	15/9	14/3	"
	2 1/2"	11/-	14/7	13/2	"
	2"	10/6	—	—	"
	Wardrobe	14/-	18/9	16/9	"
	C. Turn	14/-	18/9	16/9	"
	Pedestal	12/3	—	14/8	"
No. PHQ 8665	2 1/2" Drawer	24/1	—	—	"
	3 1/2"	30/5	—	—	"
	3"	34/8	—	—	"
	Wardrobe	35/8	—	—	"
	C. Turn	31/6	—	—	"
	Pedestal	25/2	—	—	"
No. PHQ 8666	2 1/2" Drawer	32/7	—	—	"
No. PHQ 8667	2 1/2"	25/2	—	—	"
	3"	29/5	—	—	"
	3 1/2"	35/8	—	—	"
	4"	42/-	—	—	"
	Wardrobe	31/6	—	—	"
	Pedestal	21/-	—	—	"
	C. Turn	27/4	—	—	"
No. PHQ 8787		6/2	8/2	7/6	"
No. PHQ 8788		7/6	—	—	"
No. PHQ 8789		8/9	11/9	10/6	"

ESCUTCHEONS.

No.	Size	10/6	12/8	13/8	7/4	8/5	9/5	12/8	11/7	12/7	14/2	15/3	12/8
No. PHQ 8775	2 1/2" x 1 1/2" small	10/6	12/8	13/8	7/4	8/5	9/5	12/8	11/7	12/7	14/2	15/3	12/8
No. PHQ 8776	3" x 2" large	12/8	13/8	7/4	8/5	9/5	12/8	11/7	12/7	14/2	15/3	12/8	12/8
No. PHQ 8778	3" x 2 1/2"	13/8	7/4	8/5	9/5	12/8	11/7	12/7	14/2	15/3	12/8	12/8	12/8
No. PHQ 8779	2 1/2" x 1 1/2"	12/8	11/7	12/7	14/2	15/3	12/8	12/8	12/8	12/8	12/8	12/8	12/8
No. PHQ 8785	3" x 2 1/2"	15/3	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8	12/8
No. PHQ 8782	5/3	—	—	—	—	—	—	—	—	—	—	—	—
No. PHQ 8777	4/10	6/6	5/10	—	—	—	—	—	—	—	—	—	—
No. PHQ 8786	4/10	6/7	5/9	—	—	—	—	—	—	—	—	—	—
No. PHQ 8791	4/10	6/6	5/9	—	—	—	—	—	—	—	—	—	—
No. PHQ 8792	6/6	8/9	8/-	—	—	—	—	—	—	—	—	—	—
No. PHQ 5917	1/4	2/3	1/6	1/7	—	—	—	—	—	—	—	—	—
No. PHQ 5919	4/10	11/6	5/9	11/6	—	—	—	—	—	—	—	—	—
No. PHS 8573	7/8	3/6	4/8	4/3	—	—	—	—	—	—	—	—	—
	3/4	3/1	4/1	3/8	—	—	—	—	—	—	—	—	—
	2/4	3/1	2/9	—	—	—	—	—	—	—	—	—	—

SHUTTER KNOB.

Cabinet Handles



No. PHS 8793



No. PHS 8794



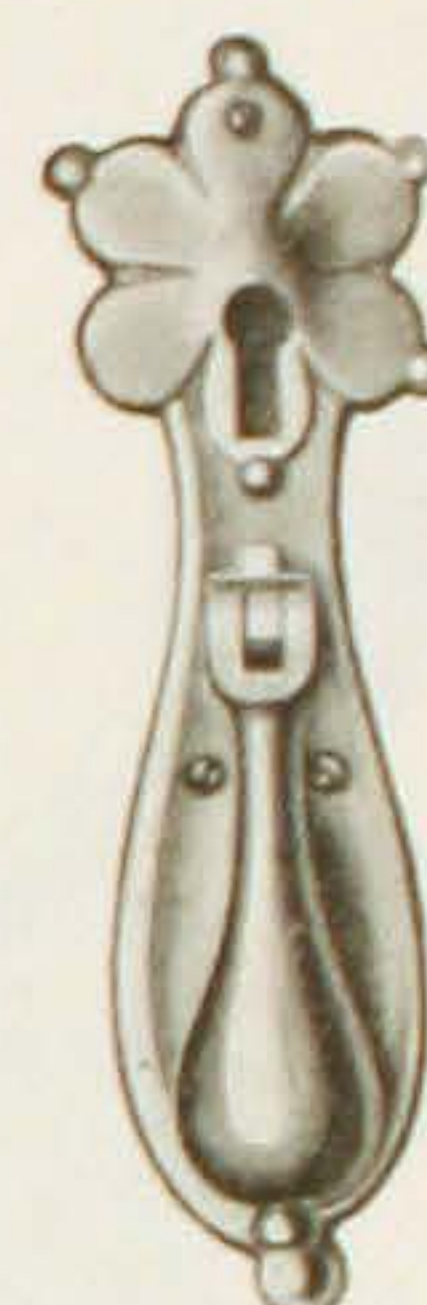
No. PHS 8795



No. PHS 8796



No. PHS 8797



No. PHQ 8798



No. PHS 8793



No. PHS 8794



No. PHS 8795



No. PHS 8796



No. PHS 8797



No. PHQ 8798



No. PHS 8799



No. PHS 8800



No. PHQ 8783
Antique Brass, Old Antique
Brass or Polished Brass, 9/3
doz.; C. B. & R. on Brass,
11/- doz.; Oxydized Silver,
12/3 doz.



No. PHQ 8801



No. PHQ 8803



No. PHS 8799



No. PHS 8800



No. PHQ 8790
Antique Brass,
Old Antique
Brass or
Polished Brass,
9/8 doz.;
Oxydized Silver,
12/10 doz.



No. PHQ 8802



No. PHQ 8804

	PHS 8793	PHS 8794	PHS 8795	PHS 8796	PHS 8797	PHQ 8798	PHS 8799	PHS 8800	PHQ 8801	PHQ 8802	PHQ 8803	PHQ 8804
Large ...	12/3	21/-	21/-	8/4	17/6	18/-	8/4	15/9	14/-	10/6	—	28/- (2 3/8") doz.
Medium ...	10/1	18/5	18/5	6/6	15/9	14/10	6/7	14/-	11/-	8/9	20/6 (2")	25/10 (2")
Small ...	8/4	15/9	15/9	5/9	14/-	12/9	5/9	12/3	8/9	7/11	13/6 (1 3/8")	21/- (1 1/2")
Jewel ...	—	—	14/-	—	—	—	—	—	—	—	—	—
Wardrobe ...	16/8	25/5	25/5	11/-	22/9	21/-	11/-	15/4	15/4	13/6	—	—
Cupboard Turn ...	16/8	23/8	23/8	11/-	23/8	21/10	11/-	15/4	15/4	15/9	—	—
Pedestal ...	14/11	20/2	20/2	9/3	20/2	18/5	9/3	13/7	13/2	12/3	—	—

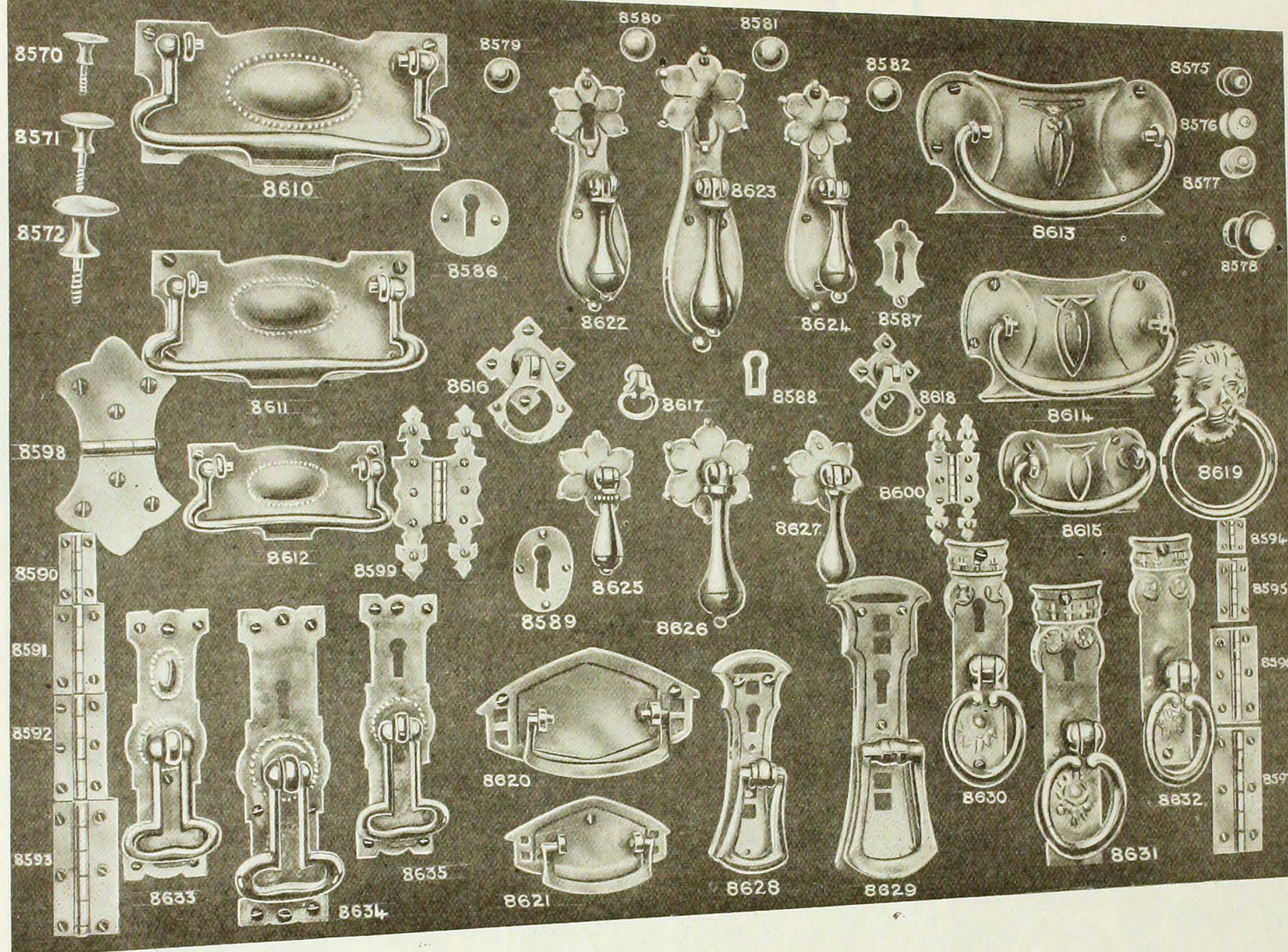
Above Prices are for Antique Brass, Polished Brass and Old Antique Brass. Other finishes, see below.

	PHS 8793	PHS 8794	PHS 8795	PHS 8796	PHS 8797	PHQ 8798	PHS 8799	PHS 8800	PHQ 8801	PHQ 8802	PHQ 8803	PHQ 8804
Large ...	16/4	28/-	28/-	11/1	23/4	24/1	11/1	21/-	18/9	14/-	—	37/4 (2 3/8") doz.
Medium ...	13/6	24/6	24/6	8/9	21/-	19/10	8/9	18/9	14/7	11/9	27/6 (2")	34/6 (2")
Small ...	11/1	21/-	21/-	7/7	18/8	17/-	7/7	16/4	11/9	10/6	18/1 (1 3/8")	28/- (1 1/2")
Jewel ...	—	—	18/9	—	—	—	—	—	—	—	—	—
Wardrobe ...	22/3	33/10	33/9	14/7	30/4	28/-	14/7	20/6	20/6	18/1	—	—
Cupboard Turn ...	22/3	31/6	31/6	14/7	31/6	29/2	14/7	20/6	20/6	21/-	—	—
Pedestal ...	19/10	26/10	26/10	12/3	26/9	24/6	12/3	18/-	17/6	16/4	—	—

C. B. & R. Finish on Brass.

	PHS 8793	PHS 8794	PHS 8795	PHS 8796	PHS 8797	PHQ 8798	PHS 8799	PHS 8800	PHQ 8801	PHQ 8802	PHQ 8803	PHQ 8804
Large ...	14/9	25/3	25/3	10/-	21/-	21/6	10/1	18/10	16/9	12/8	—	33/8 (2 3/8") doz.
Medium ...	12/1	22/-	22/-	7/11	18/10	18/-	8/-	16/9	13/2	10/6	24/8 (2")	31/- (2")
Small ...	10/-	18/10	18/10	6/9	16/9	15/3	6/9	14/8	10/6	9/6	16/3 (1 3/8")	25/3 (1 1/2")
Jewel ...	—	—	16/9	—	—	—	—	—	—	—	—	—
Wardrobe ...	20/-	30/8	30/6	13/2	27/3	25/3	13/2	18/6	18/5	16/3	—	—
Cupboard Turn ...	20/-	28/6	28/5	13/2	28/5	26/3	13/2	18/6	18/5	18/9	—	—
Pedestal ...	18/-	24/1	24/-	11/-	24/1	22/-	11/-	16/3	15/3	14/9	—	—

Cabinet Handles, Hinges, etc.



Nos. PHS 8570, 8571, 8572.

SASH KNOBS.

Size.	*Brass.	C.B.&R.	B.M.A.	per gross.
1 1/2"	11/3	14/-	15/6	" "
1 1/4"	14/9	18/6	20/2	" "
1 1/8"	25/3	31/6	34/8	" "
1 1/2"	29/6	36/9	40/6	" "
1 1/4"	33/8	42/-	46/3	" "
1 1/8"	42/-	52/6	57/9	" "
1 1/2"	59/-	73/6	81/-	" "
1 1/4"	126/-	157/6	173/3	" "

CABINET HANDLES.

Nos. PHS 8622, 8623, 8624, 8625, 8626 and 8627

Nos. PHS 8610, 8611, 8612, 8633, 8634 and 8635

Nos. PHS 8613, 8614, 8615, 8630, 8631 and 8632

Nos. PHS 8616 and 8618

No. PHS 8617

No. PHS 8619

Nos. PHS 8620, 8621, 8628, 8629 Drawer Pulls.

HINGES.

Nos. PHS 8590, 8591, 8592 and 8593

Nos. PHS 8594, 8595, 8596 and 8597

No. PHS 8598

No. PHS 8599

No. PHS 8600

Nos. PHS 8579, 8580, 8581, 8582.

CADDY BALLS.

*Brass with Steel Wood-screw.

Size	1 1/2"	1 3/8"	1 1/8"
	11/6	13/8	18/6 gross.

ERINOID PICTURE NAILS.

Nos. PHS 8575, 8576, 8577.

Made in various colours, 12/6 per gross.
But stocked only in red, white, blue and black.

CABINET HANDLES.

	Brass Plate, Plated Drop, in Polished Brass	Jewel.	Drawer.	Chest.	Pedestal.	Wardrobe.	C'board Turns
	or C. B. & R.	73/6	84/-	96/3	87/6	105/-	105/- gross.
	E.B. or C. B. & R. Finished	50/9	54/3	60/6	63/-	77/-	77/- "
	E.B. or C. B. & R. Finish	47/3	49/-	56/-	63/-	72/9	72/9 "
	Size		1" x 1 1/2"	1 1/2" x 1 1/2"	1 1/2" x 1 1/2"	1 1/2" x 2"	2" x 2 1/2"
	*Polished Brass		14/2	14/9	19/-	21/3	23/9 dozen.
	C. B. & R. on Brass		16/4	17/2	21/9	24/6	27/3 "
	B.M.A. or Oxidized Silver		17/10	18/8	23/8	26/8	29/8 "
	Size		1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"
	*Polished Brass		7/4	7/4	7/8	9/3	10/-
	Dull Brass, C. B. & R. or B.M.A. on Brass		9/-	9/-	9/4	11/-	11/8
	Size		1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
	*Polished Brass		17/2	19/-	37/10	dozen.	
	Antique or Dull Brass		19/-	21/-	41/9		
	C. B. & R. on Brass		19/9	21/9	43/6		
	B.M.A. or Oxidized Silver		21/6	23/9	47/3		
	Large.		25/6	17/6	14/11	25/6	22/9
	B.M.A. on Brass		30/8	22/-	17/6	29/9	27/2
	C. B. & R. on Brass		29/-	21/-	18/6	29/-	26/3
	Small.		14/11	17/6	14/11	25/6	22/9
	Wardrobe.		17/6	17/6	17/6	29/9	27/2
	Cup.		18/6	18/6	18/6	29/9	27/2
	Turn.						
	Pedestal.						
	17/6 dozen.						

HINGES.

	Lock Joint Hinges.	Machined square edges.	Polished Brass	1 1/2" x 1 1/2"	2" x 1"	2 1/2" x 1 1/2"	2 1/2" x 1 1/2"	3" x 1 1/2"	3 1/2" x 1 1/2"	4" x 2"
	For Screws No.	1	2	4	4	5	6	7	8	10
	With Steel Pins	1/3	1/6	1/9	2/3	2/9	4/-	4/-	5/6	13/3
	With Brass Pins	1/8	1/11	2/3	3/-	3/6	4/3	5/-	7/-	14/3
	Pressed Butts.	Brass Dipped Finish.								
	Size	5/3	6/2	6/8	8/4	8/9	12/-	14/-	17/6	21/-
	7d.	8d.	9d.	10d.	11d.		1/2	1/4	1/7	1/11
	Butterfly Hinge.	Size 3" x 1" when open.								
	*Solid Brass.	Brassed Steel.	Antique.	N.P. on Steel.	N.P. on Brass.					
	63/-	49/-	54/3	61/3	75/3 gross pairs.					
	5/6	4/3	4/8	5/4	6/6 dozen pairs.					
	Polished Medieval Hinge.	Size	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"	10/- per pair.
	Hinge.	Size	3" x 2"	3 1/2" x 2 1/2"	4 1/2" x 2 1/2"	5" x 2 1/2"	6" x 3 1/2"			
	*Polished Brass		4/6	5/4	7/2	11/3	per pair.			
	Antique or Dull		5/-	6/-	7/9	12/6				
	C. B. & R. on Brass		5/2	6/3	8/3	13/-				
	B.M.A.		5/8	6/9	9/-	14/3				

No. PHS 8578 ERINOID KNOB. Domed top. 1/2" with Blonde Inlay.
42/- per gross, 3/9 per dozen.

LOCK ESCUTCHEONS:—

No. PHS 8586 Brass, 17/- per gross.

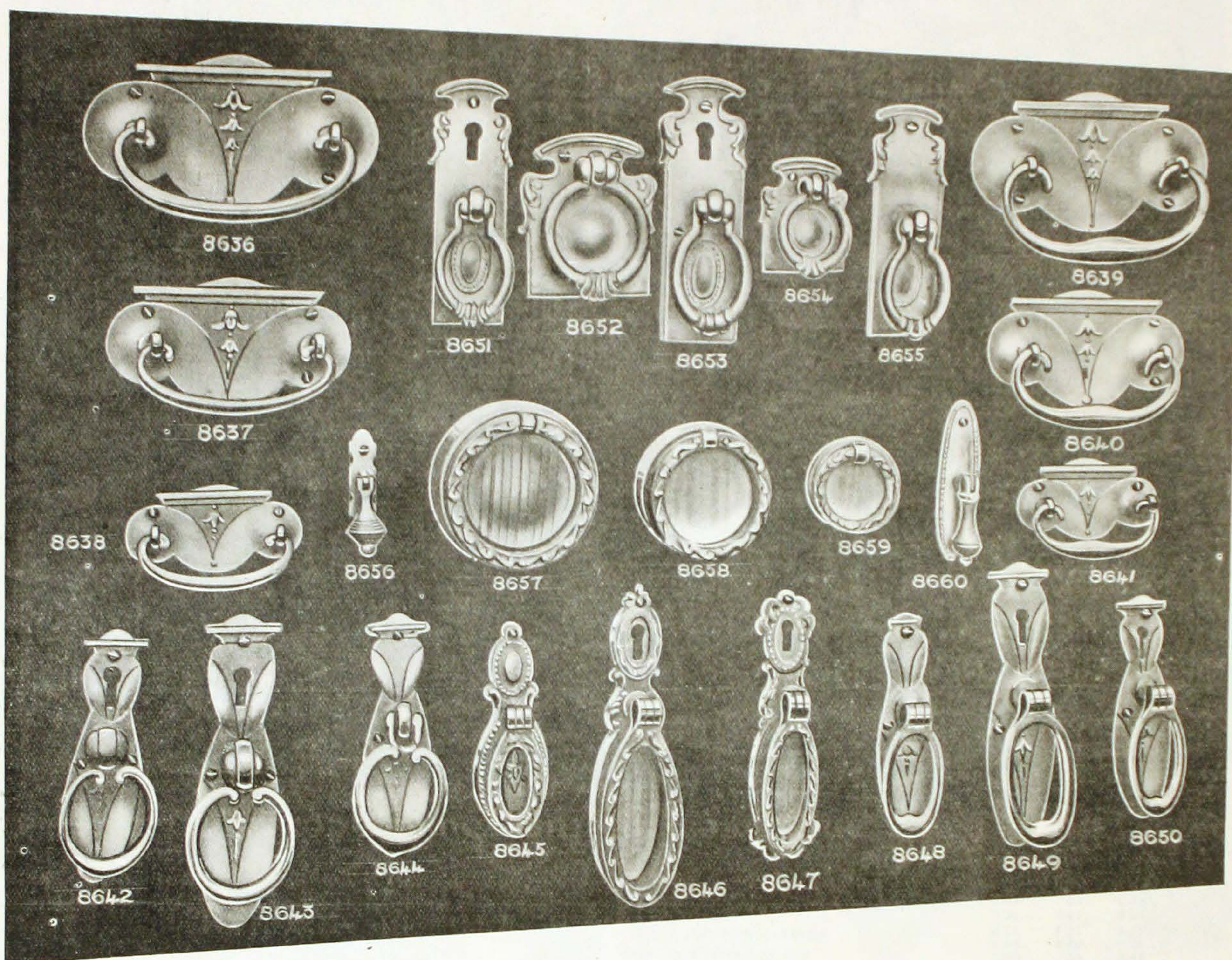
No. PHS 8587 Brass dipped, 5/3 per gross.

No. PHS 8588 5/6 5/- 4/3 gross.

No. PHS 8589 Brass, Polished.

5/6 6/8 8/4 per gross.

Cabinet Handles



		Size ...	...	...	2½"	3½"	4½"	Pedestal.	Cupboard.	Wardrobe.
Nos. PHS 8636, 8637, 8638	}	Brass or Antique Brass	...	...	10/6	13/2	16/8	15/-	16/8	176 per dozen.
Nos. PHS 8642, 8643, 8644		*Ox. Silver on Brass	...	...	17/6	20/8	24/6	22/9	24/6	26/3 " "

						Jewel.	Drawer.	Chest.	Pedestal.	Wardrobe.	Cupboard
Nos. PHS 8639, 8640, 8641	}	Brass Plate, Plated Drop,				75/3	87/6	99/9	99/9	115/6	Turn.
Nos. PHS 8648, 8649, 8650		Polished Brass or C. B. & R.				6/6	7/6	8/6	8/6	9/10	115/6 per gross.
No. PHS 8645	*Brass	...	...	...	...	—	—	—	—	—	12/3 " "
	Oxidized Silver	...	...	...	...	—	—	—	—	—	19/3 " "
No. PHS 8646	*Brass	...	...	...	...	—	—	—	—	17/6	— " "
	Oxidized Silver	...	...	...	...	—	—	—	—	28/-	— " "
No. PHS 8647	*Brass	...	...	...	...	—	—	—	—	16/9	— " "
	Oxidized Silver	...	...	...	...	—	—	—	—	25/6	— " "
Nos. PHS 8651/2/3/4/5	{	Brass Plate, Plated Drop.				75/3	87/6	—	99/9	115/6	115/6 per gross.
		or C. B. & R.				6/6	7/6	—	8/6	9/10	9/10 per dozen.
No. PHS 8656	*Brass	...	...	...	...	—	—	—	10/6	12/8	12/8 " "
	C. B. & R. on Brass	...	...	...	...	—	—	—	13/2	15/9	15/9 " "
	Bronze Metal Antique	...	...	...	...	—	—	—	14/6	17/4	17/4 " "
	Sizes	...	...	...	...	2½"	2"	Jewel.			
Nos. PHS 8657/8/9	*Brass	...	...	...	...	13/2	11/5	10/6 per dozen.			
	Oxidized Silver on Brass	...	...	...	...	22/-	19/3	17/6 " "			
								Pedestal.			
No. PHS 8660	*Brass	...	...	...	...	...	...	8/9 " "			
	C. B. & R. on Brass	...	...	...	...	...	...	9/8 " "			

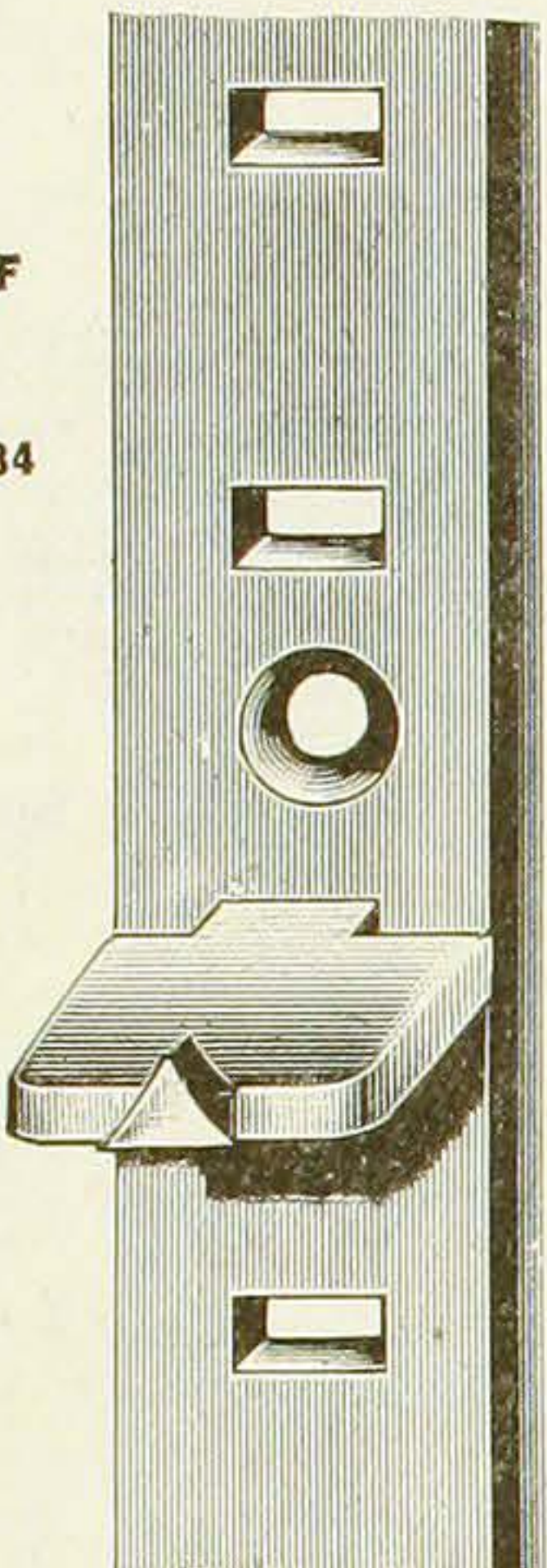
"B" Basis.

PHS—Stock Lines in most sizes (*asterisk indicates stock finish).

Book-Case Studs, Knot Holders, Rack Pulleys, etc.

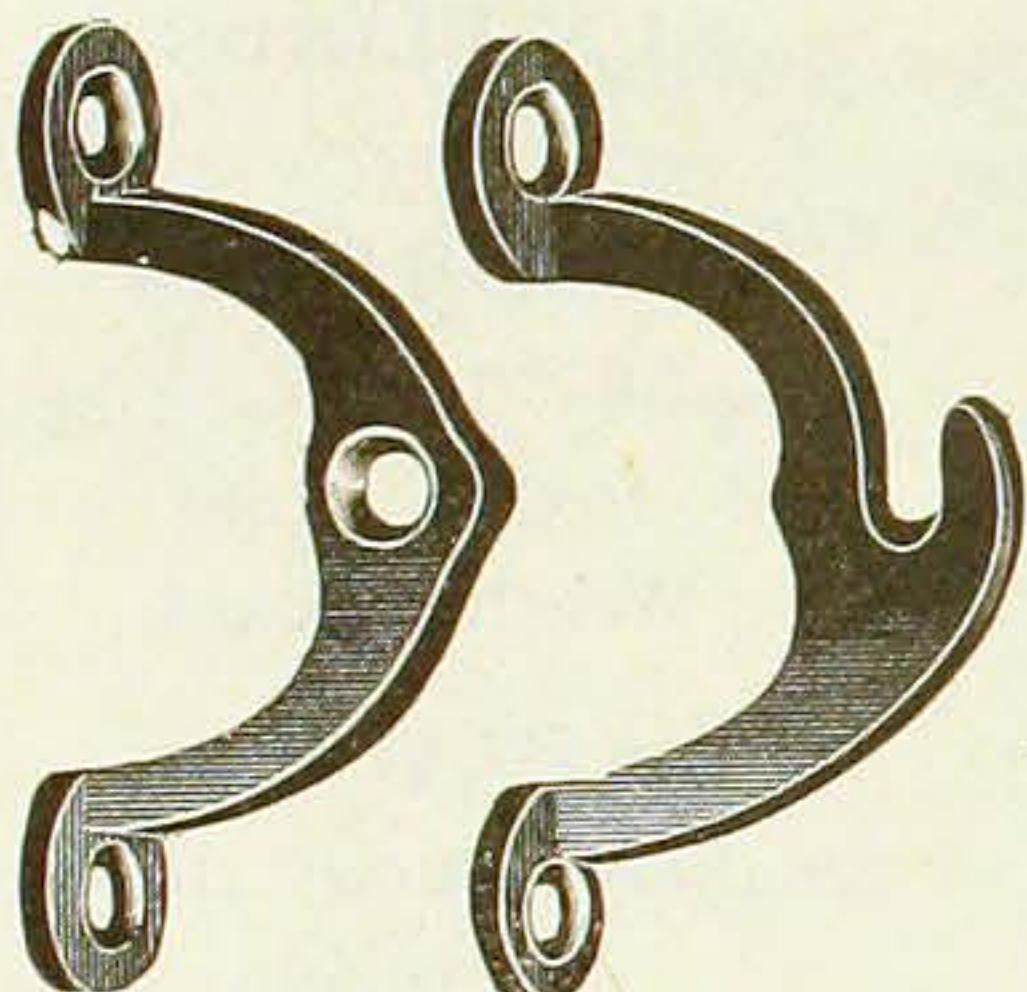
PATENT BOOKSHELF STRIP.

Full Size.
No. PHS 2934
In 6' 0" lengths.



Steel Strip ... 3/6 dozen feet.
Brass ... 12/3 "
Steel Studs to suit 7/9 per gross."
Brass ... 13/9 "

"D" BRACKETS.



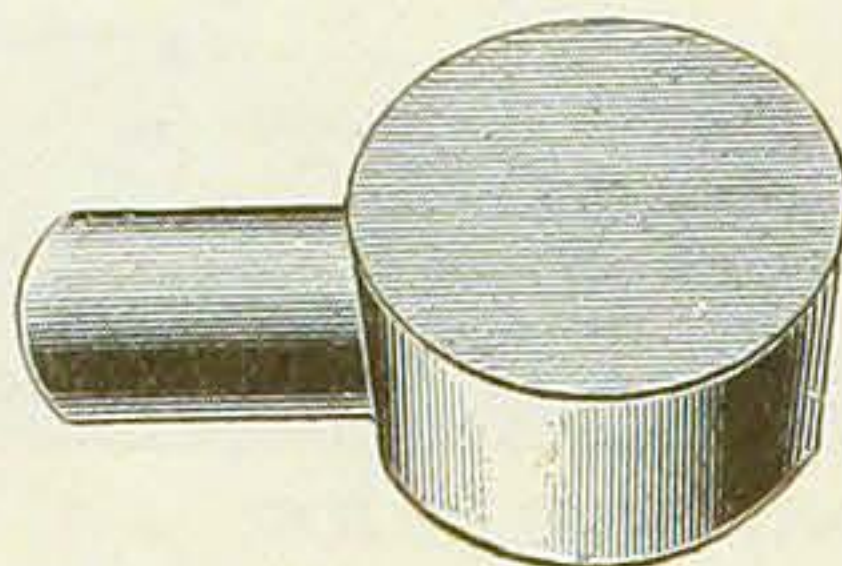
No. PHS 2954
Bronzed Iron ... 1/3 dozen pairs.
No. PHS 2955
Cast Brass, Light 8/9 dozen pairs.
No. PHS 2956
Cast Brass, Stronger 11/6 dozen pairs.
No. PHS 2957
Cast Brass, Heavier.
for 2" ends ... 14/6 dozen pairs.

Nos. PHS 2960—2964

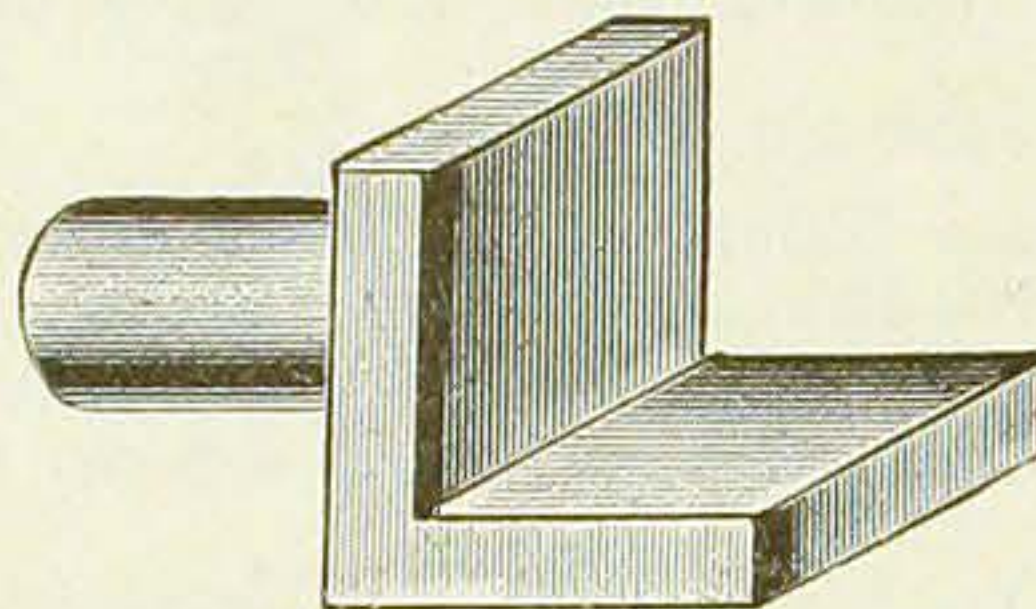
	1 1/8"	1 1/4"	1 3/8"	1 1/2"
No. PHS 2960 Strong Machine Made.	22/6	23/3	28/-	39/3 doz. sets.
All Brass	13/-	14/-	17/4	19/2 " "
No. PHS 2961 Ditto, Lighter	6/6	7/-	—	— " "
No. PHS 2962 Electro Bronzed Steel	1 1/8"	1 1/4"	1 3/8"	1 1/2" 2" " "
No. PHS 2964 Strong Cast Brass. Suitable for Shop Blinds	33/3	36/9	44/3	49/- 68/3 75/3 " "

BOOK-CASE STUDS.

Full-Size.

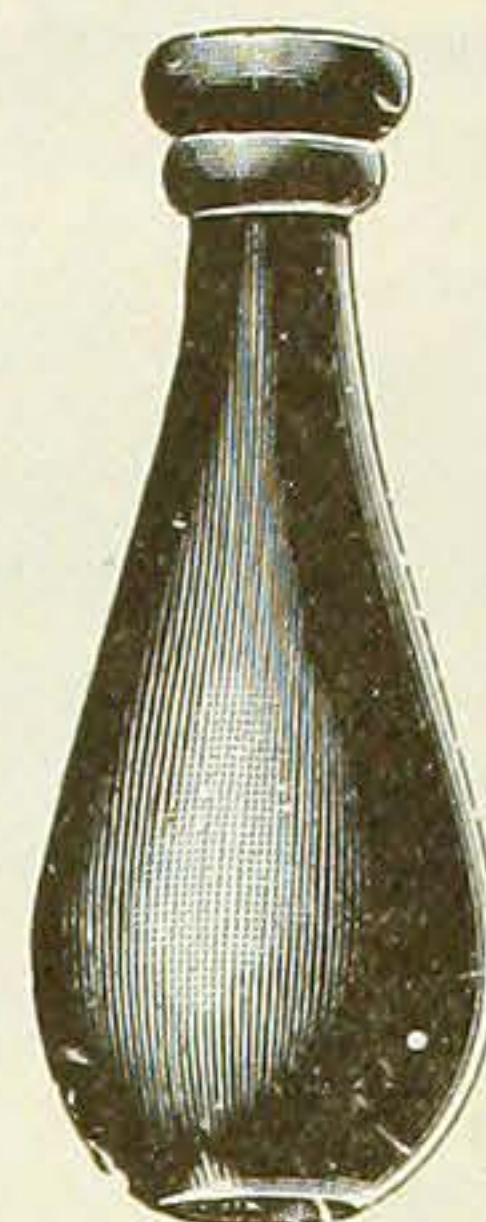
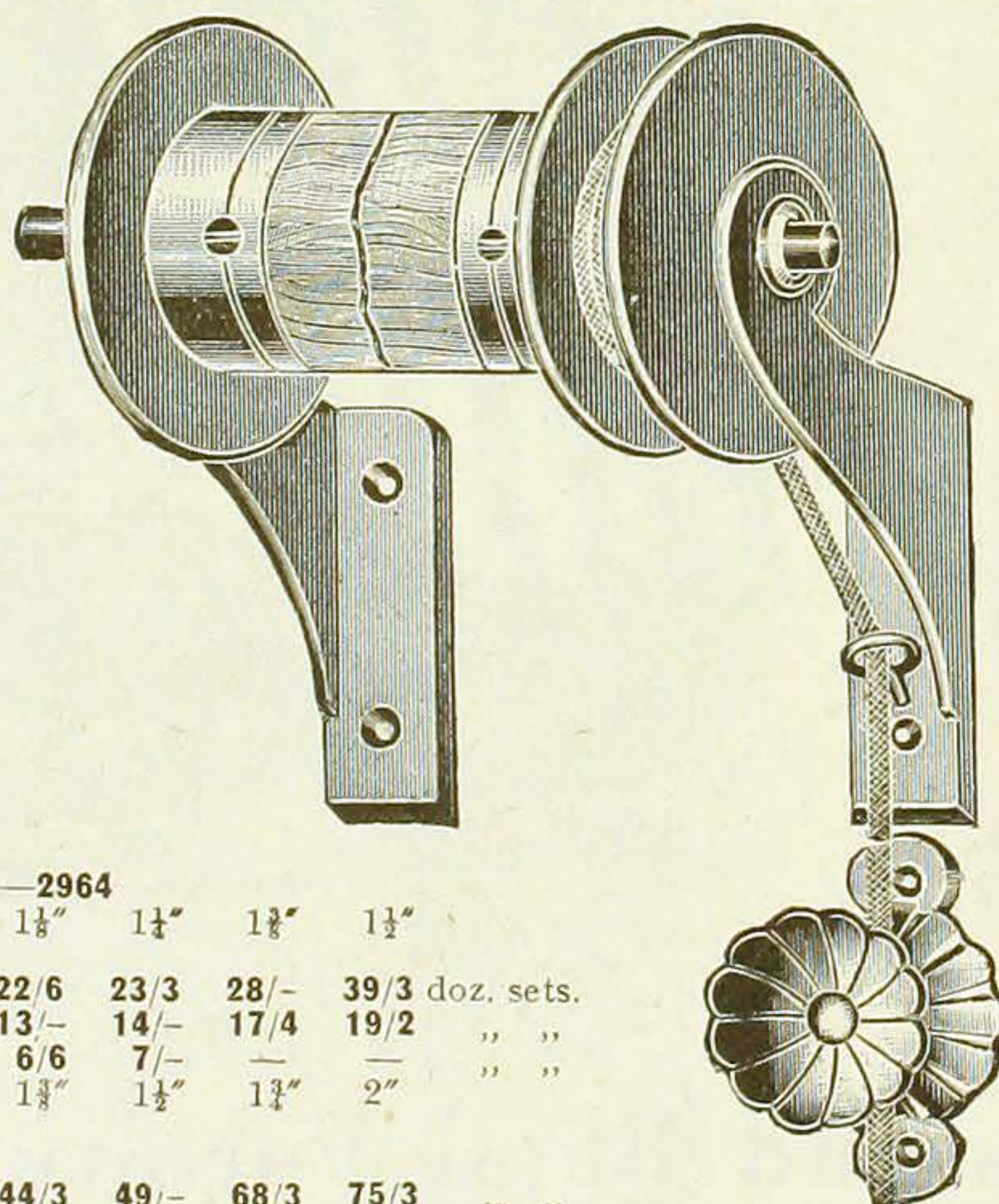


No. PHS 2935
Brass, 1/8" peg ... 29/- per gross.
" 1/8" peg ... 35/- "
No. PHS 2944 Larger.
Brass, 1/8" full ... 38/6 per gross.
No. PHS 2938
Iron, 1/8" peg ... 11/- per gross.



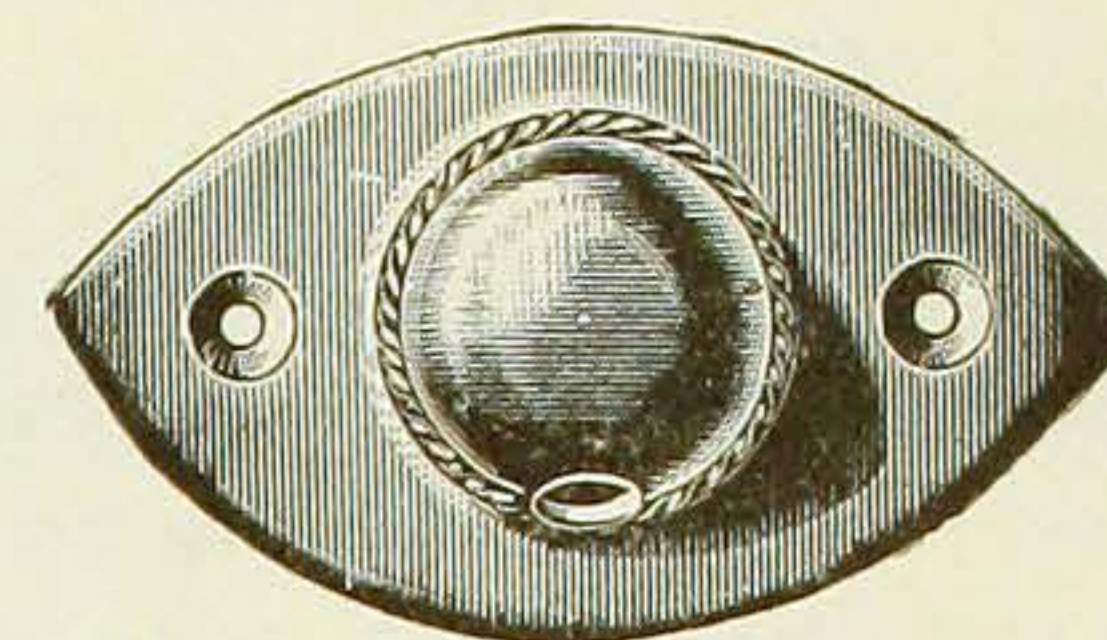
No. PHS 2939
Brass, 1/8" peg ... 39/8 per gross.
No. PHS 2940
Iron, 1/8" peg ... 12/3 per gross.

SINGLE CORD BLIND FURNITURE.

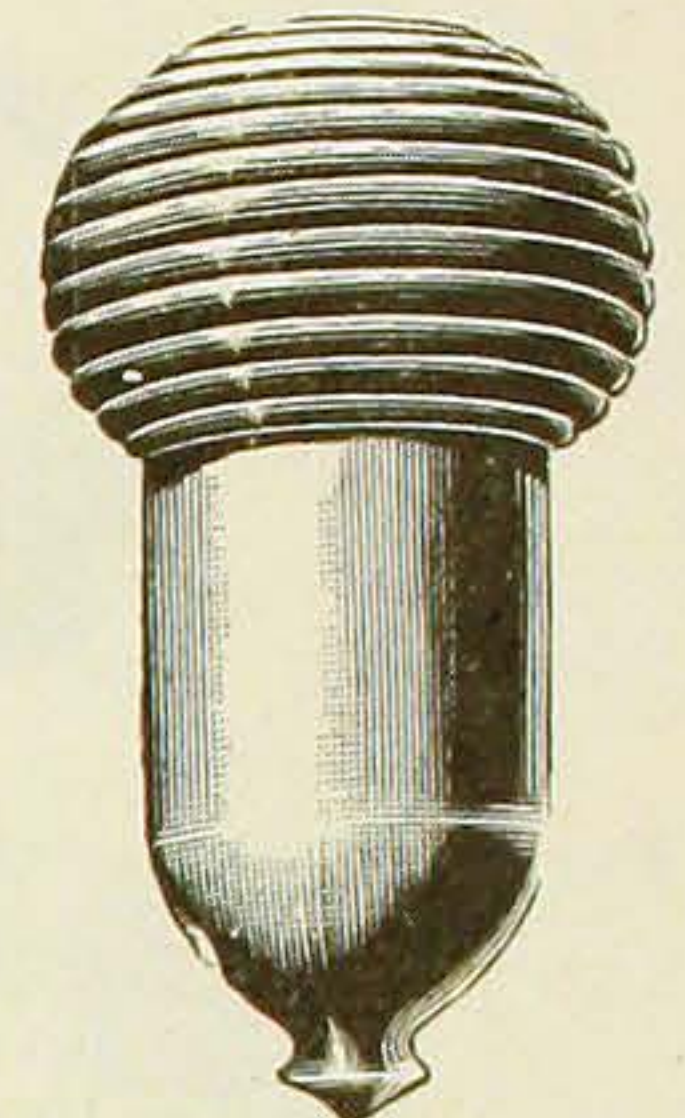


No. PHS 3010
Boxwood.
7/- per gross.
8d. per dozen.

CORD PENDANTS AND BLIND KNOT HOLDERS.



No. PHS 3011
Size 1 1/2"
gross. dozen.
Brass ... 5/- 6d.
B.M.A. on Brass 8/- 9d.



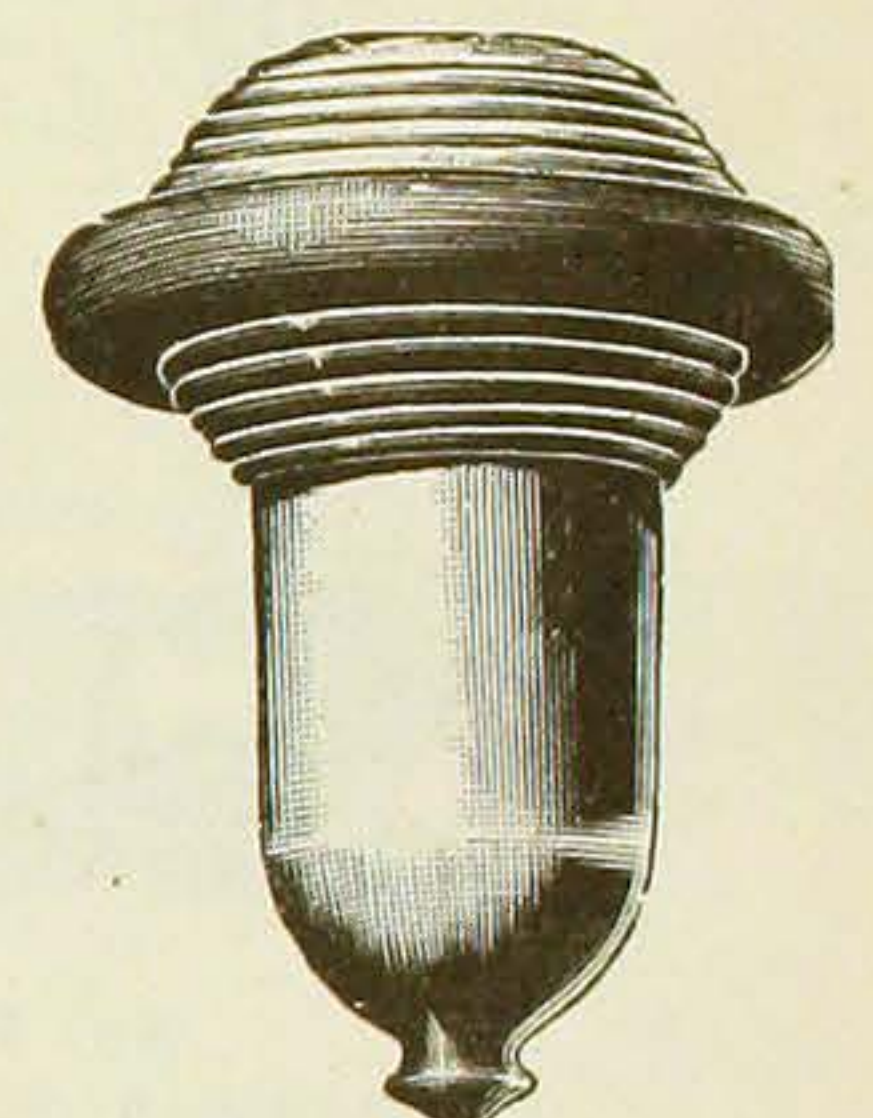
No. PHS 3012
To unscrew.
Boxwood.
9/3 per gross.
10d. per dozen.



No. PHS 3013
1/2" deep.
gross. dozen.
Brass ... 17/6 1/6
B.M.A. on Brass 21/- 1/10

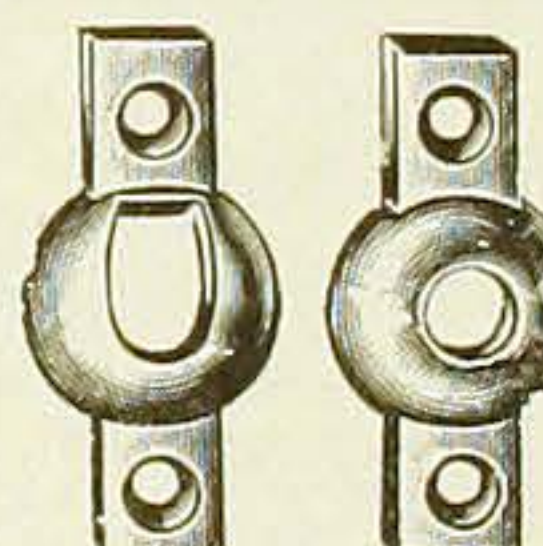


No. PHS 3033
4" Handle with Rubber Rings.
Illustrated in use in "County" Sash Opener on page 133.
Real Cocoa or Boxwood,
15/- doz. pairs, 1/4 per pair.



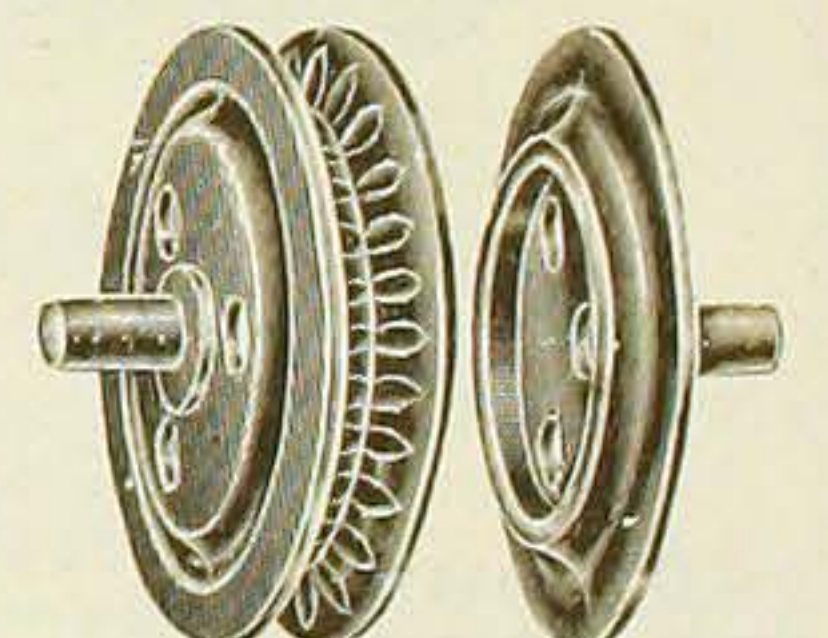
No. PHS 3015
With Rubber Ring.
To Unscrew.
Boxwood, 13/- gross,
1/2 dozen.

CUP BRACKETS.



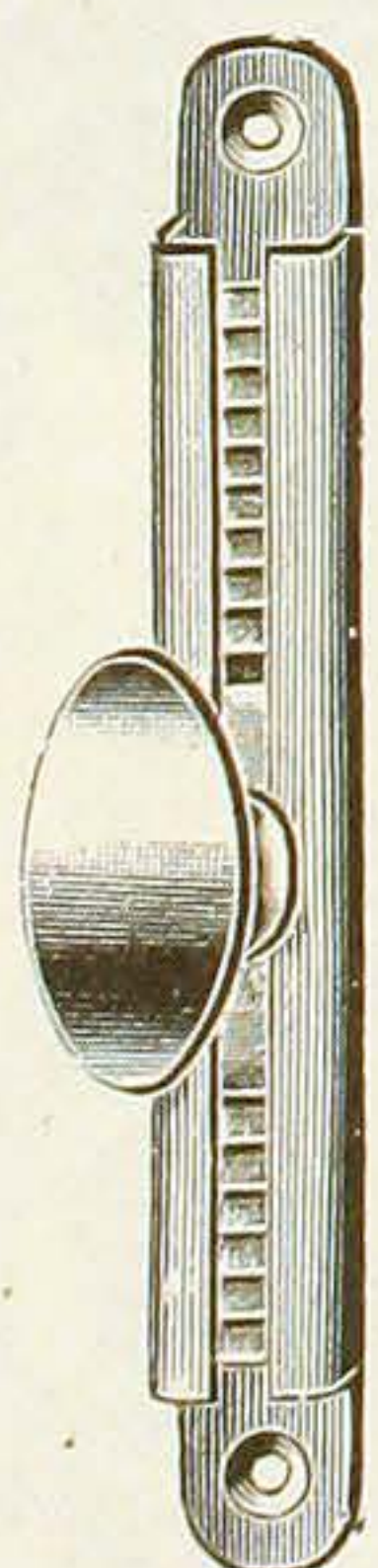
Cup Brackets.
To suit No. PHS 2950 on right.
1 1/4" x 1/4" ... 4d. dozen pairs.
1 1/2" x 1/4" ... 5d.
To suit No. PHS 2951 on right.
1 1/4" ... 3/3 dozen pairs.
2" ... 4/6 " "

ROLLER ENDS.

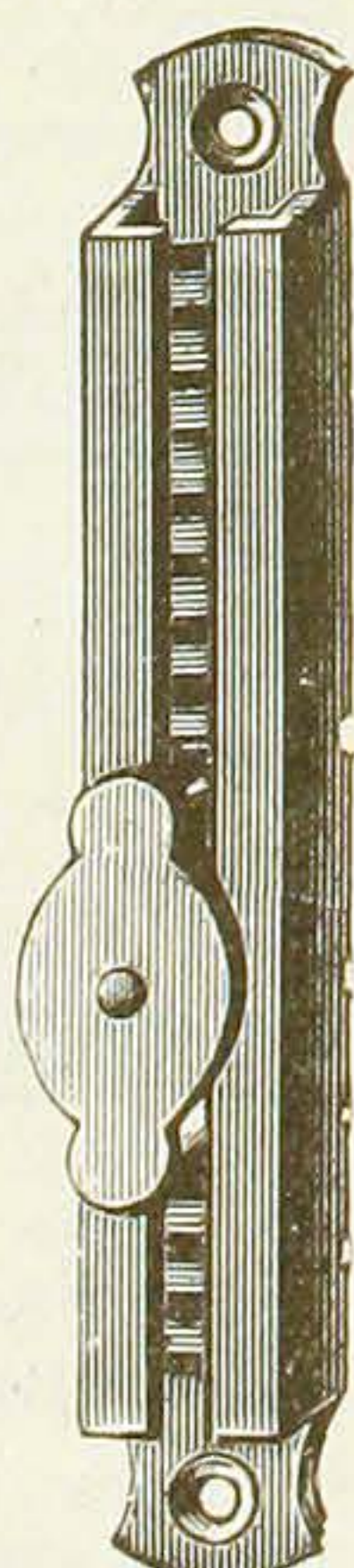


Without Brackets.
No. PHS 2950
Bronzed Iron, 1/6 per dozen pairs.
No. PHS 2951
Cast Brass. Sanded.
1 1/4" 12/3; 2" 15/6 dozen pairs.

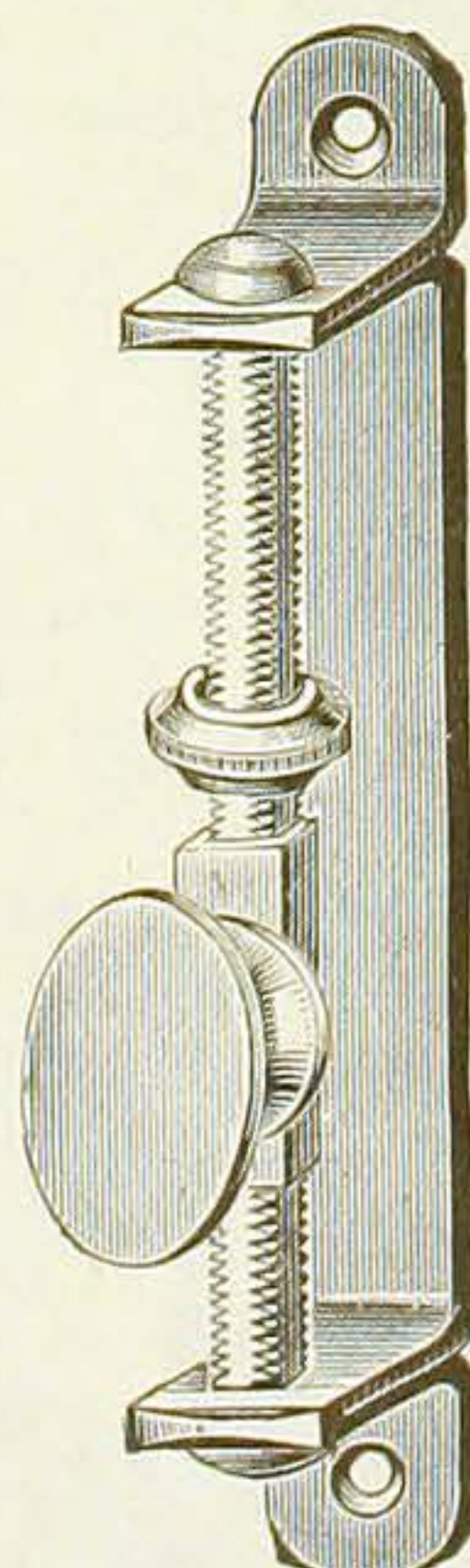
BRASS RACK PULLEYS



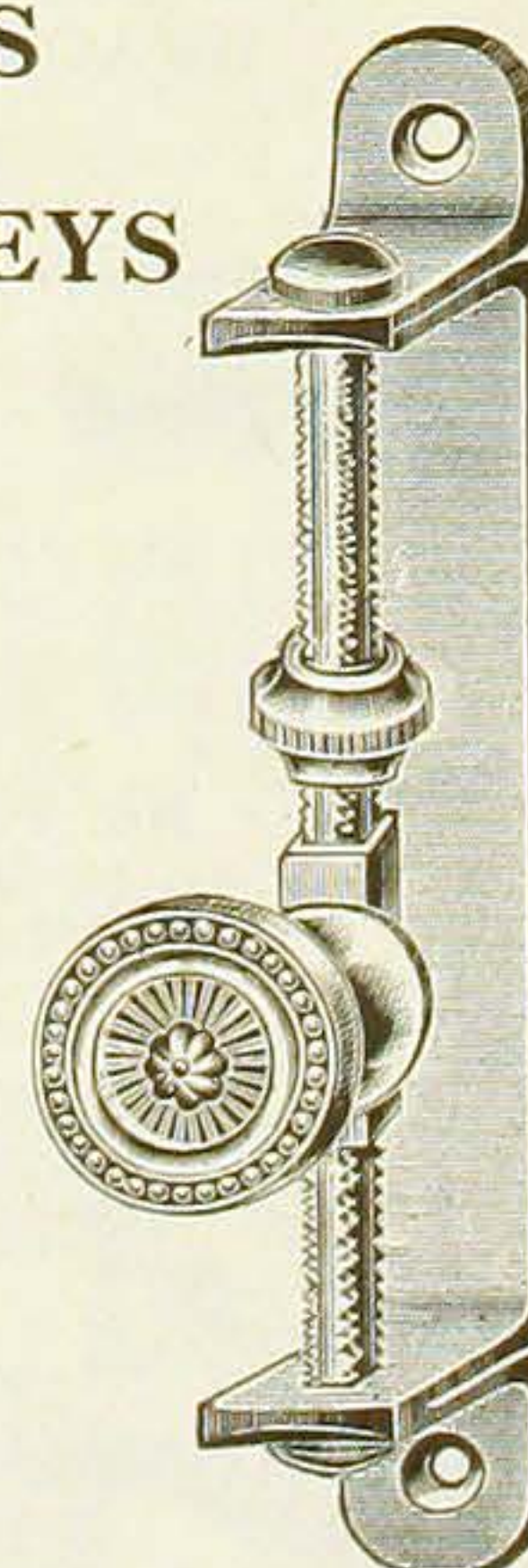
Machine Made.
No. PHS 2972 4 1/2"
4/9 dozen, 6d. each.
No. PHS 2973 5"
Strong.
5/9 dozen, 7d. each.



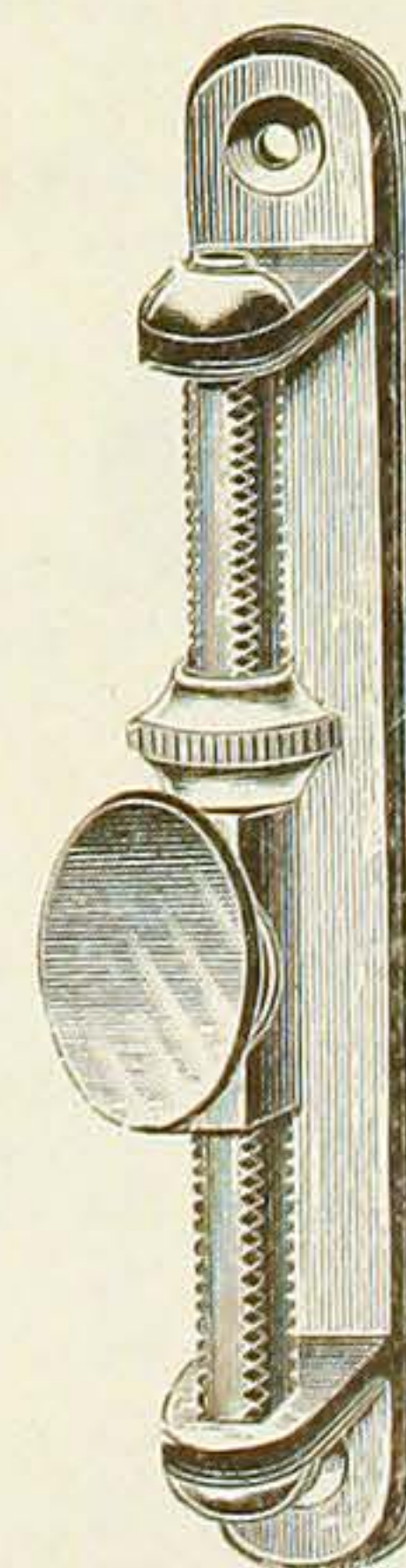
No. PHS 2982
All Cast. Polished.
5" 6"
16/9 19/- dozen.
1/6 1/9 each.
No. PHS 2983
Heavier pattern. Burnished.
5" 5 1/2" 6"
19/9 21/3 23/- dozen.
1/10 1/11 2/1 each.



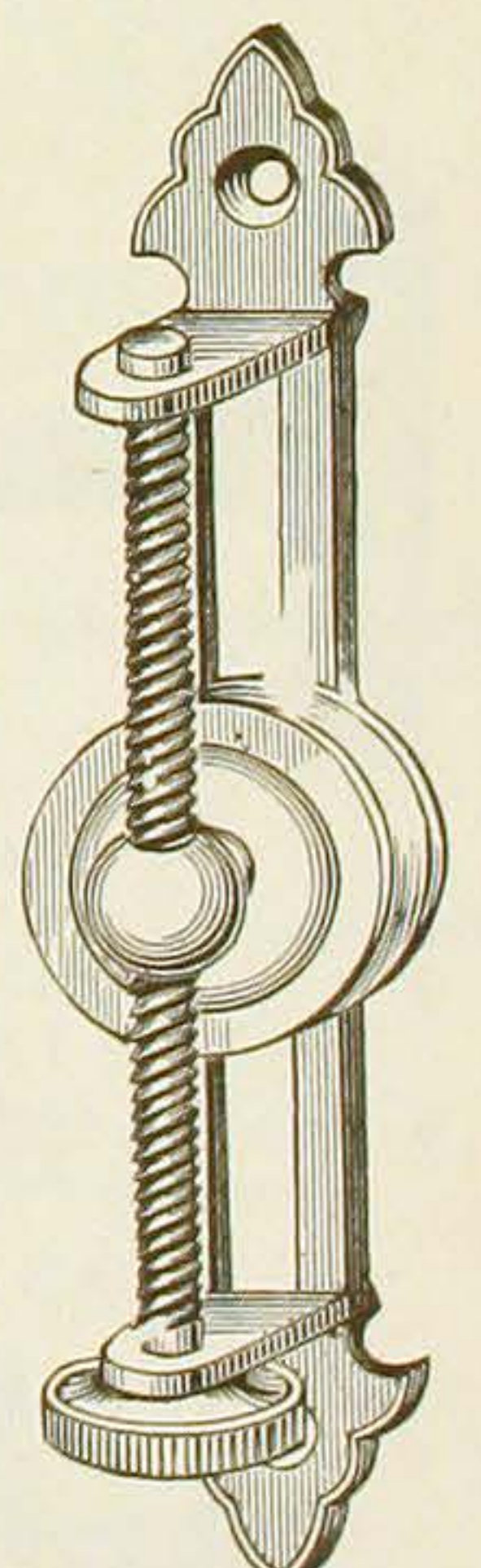
No. PHS 2975
Polished Brass.
5" 8/9 dozen, 10d. each.
C. B. and R. or B.M.A. on Brass,
5" 10/6 dozen, 1/- each.



No. PHS 2976
Polished Brass.
5" 8/- dozen, 9d. each.
C. B. and R. or B.M.A. on Brass,
5" 9/9 dozen, 11d. each.



No. PHS 3016
Cast Frame,
Brass oval wheel,
Polished.
11/- dozen, 1/- each.
Ditto, but with Solid Brass screw,
11/9 dozen, 1/1 each.



No. PHS 2977
Polished Brass.
6" 17/6 dozen, 1/9 each.
C. B. and R. on Brass or B.M.A. on Brass.
6" 21/- dozen, 1/11 each.

Blind Rollers, Curtain Rod Brackets, etc.



No. PHQ 2991 TIN BARREL SPRING ROLLERS.

For outside Shop Windows, etc. Made of extra strong hard Tinned Steel Sheets. Will carry heavy Blinds without sagging. Best quality Spring.

For Blinds
up to Size.
10' 0" 2 1/2"
14' 0" 3"
16' 0" 3 1/2"

4/6 per foot.
4/10 "
5/8 "

The shortest Roller made charged as 10' 0" (less Barrel).

For Blinds
up to Size.
18' 0" 4"
21' 0" 4 1/2"
24' 0" 5"

6/6 per foot.
7/3 "
8/9 "

When ordering state if "Pin" or "Roller" Measure.

No. PHQ 3002 TIN BARRELS ONLY. Made of extra heavy Tinned Steel Sheets.

Size.		Size.	
1 1/4"	10/8 dozen feet.	2 1/2"	22/8 dozen feet.
1 1/2"	11/4	3"	29/2 "
1 3/4"	13/-	3 1/2"	38/10 "
2"	14/8	4"	48/8 "
2 1/4"	16/3	4 1/2"	68/- "
		5"	77/8 "

If for Shop Blinds with 5" cord ends and buttons fixed on Roller with Brackets, 8/2 per set extra.
3" outside Wood Roller with Malleable Ends and Brackets.
10' 0" Price 32/6 each, and 2/5 per foot over.



No. PHQ 2988 THE "IMPERIAL"

English made, grooved for Fasteners and with Aluminium Ferrules which do not corrode.



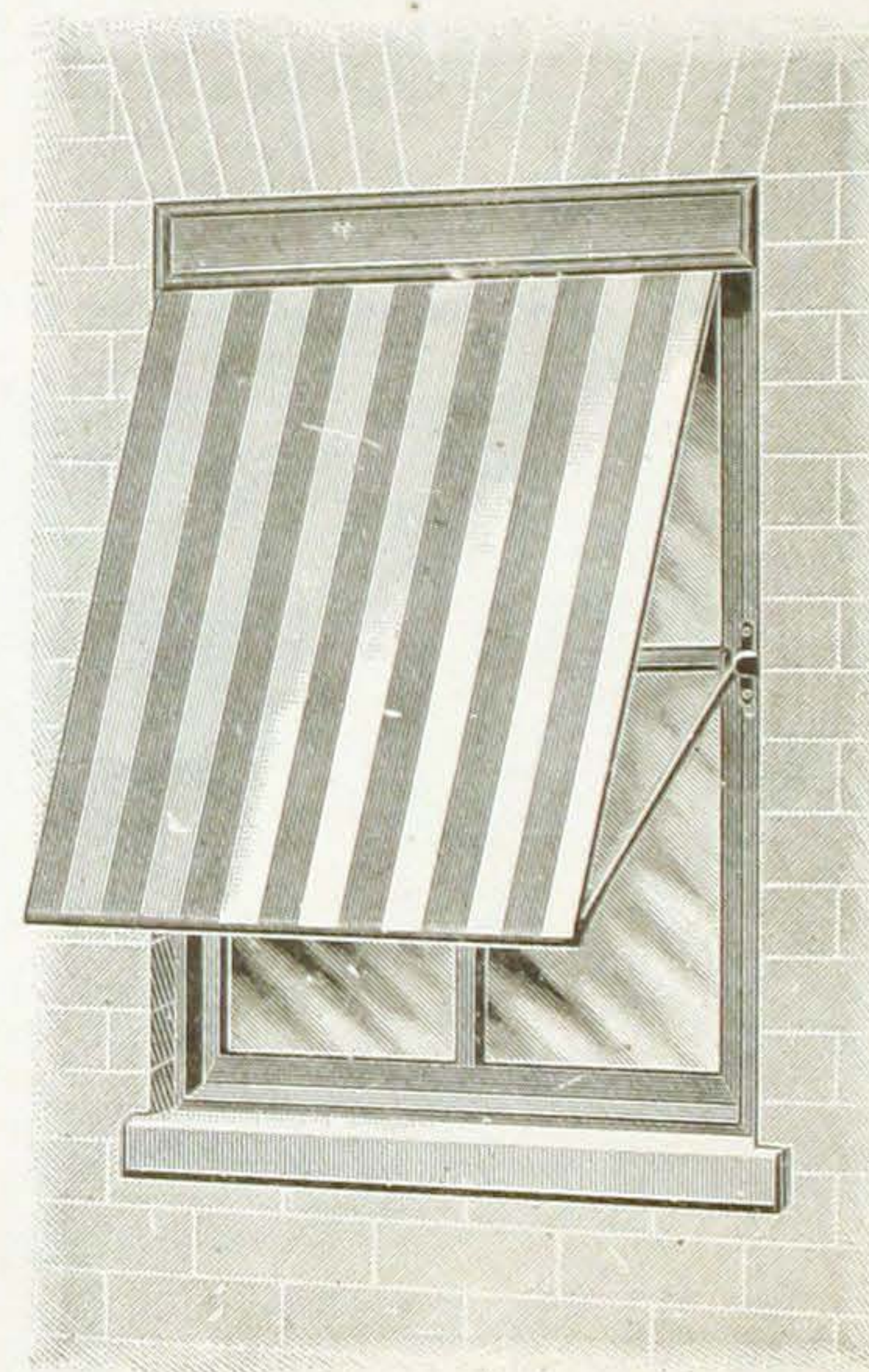
No. PHQ 2995

As No. PHQ 2988 But ungrooved.

These Spring Blind Rollers are accurately made from best materials.
They work more truly and more easily than other makes and carry longer blinds.

Size	1" x 42"	1" x 48"	1 1/8" x 42"	1 1/8" x 48"	1 1/8" x 54"	1 1/4" x 42"	1 1/4" x 48"
No. PHQ 2988	15/4	15/9	20/3	21/-	23/-	23/-	23/6
No. PHQ 2995	15/1	15/6	19/10	20/8	22/6	22/6	23/2

Size	1 1/4" x 54"	1 1/4" x 60"	1 1/4" x 72"	1 1/2" x 60"	1 1/2" x 72"	2" x 72"
No. PHQ 2988	28/2	31/8	37/3	48/7	58/3	— dozen.
No. PHQ 2995	27/6	31/2	36/10	48/-	57/9	141/-



HOUSE AND SHOP SUN BLINDS.

No. PHQ 9313

Complete Blinds, Single Cord Roller, Irons and Weather-Board.

2/7 per sq. foot.

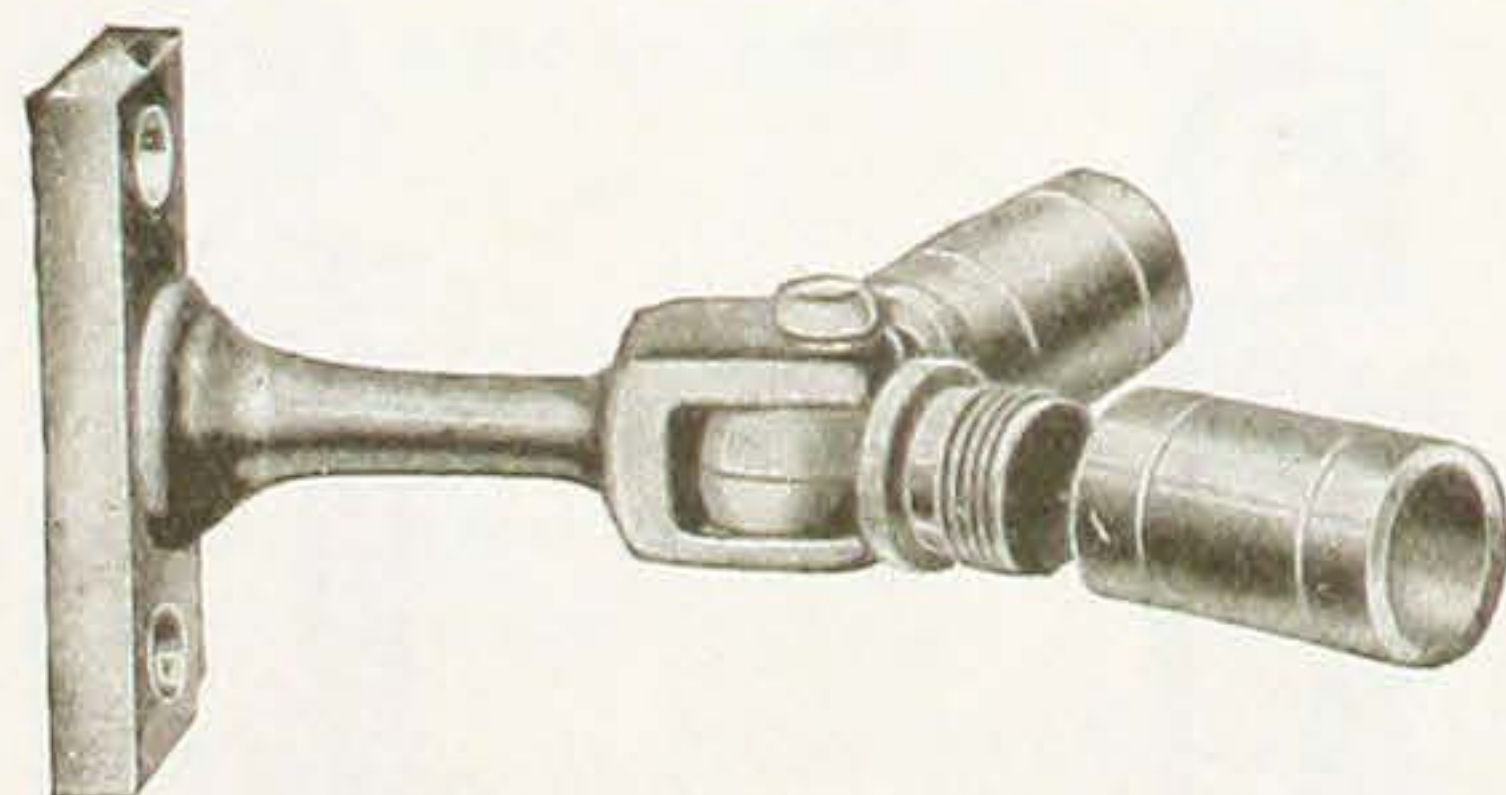
Smallest Blind charged as 16 feet.

Irons, Rollers and Fittings.

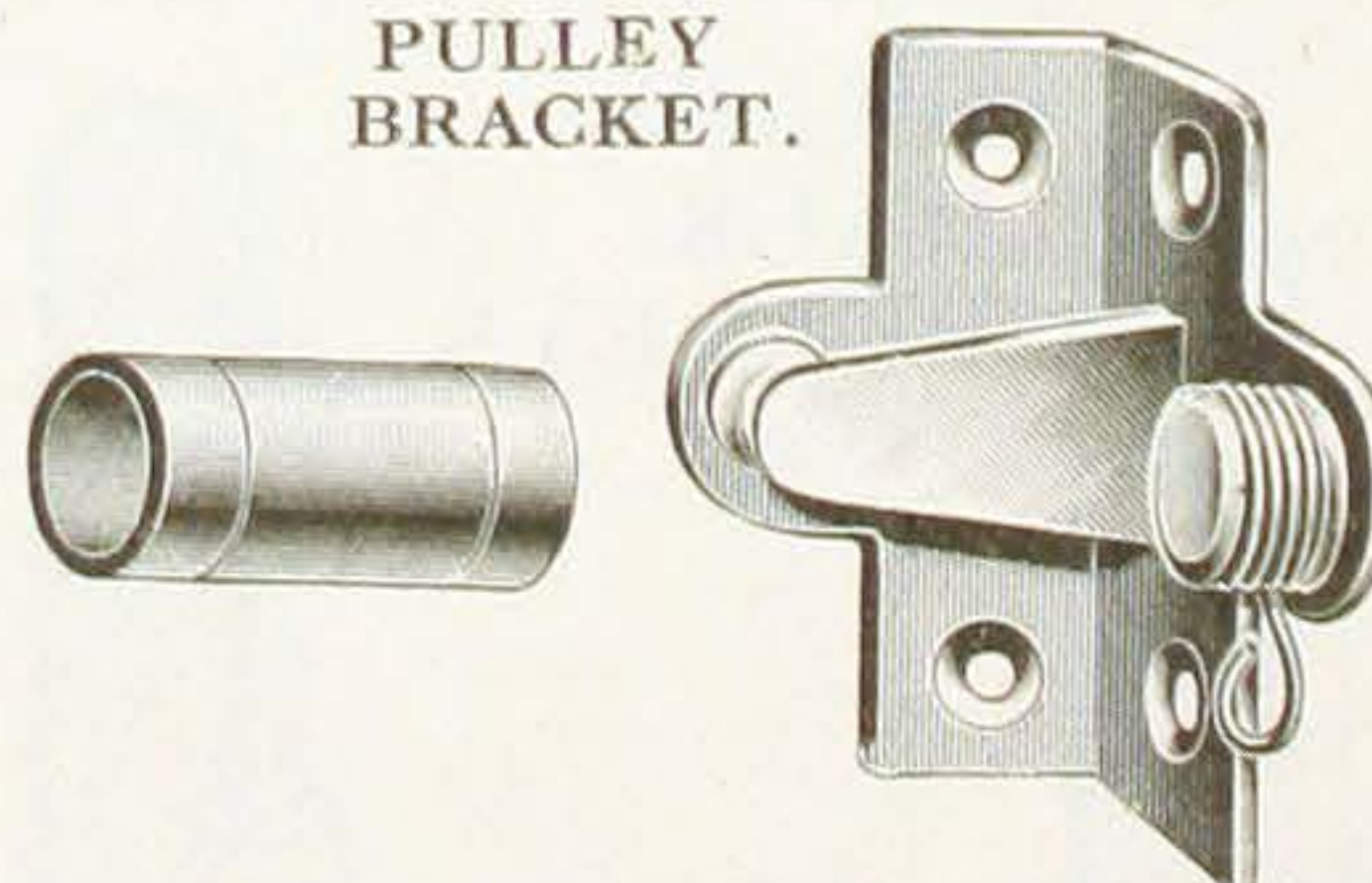
Up to—

4 ft. wide 16/3 per set.
5 ft. " 17/10 "
6 ft. " 19/6 "

Curtain Rod Brackets and Blind Furniture



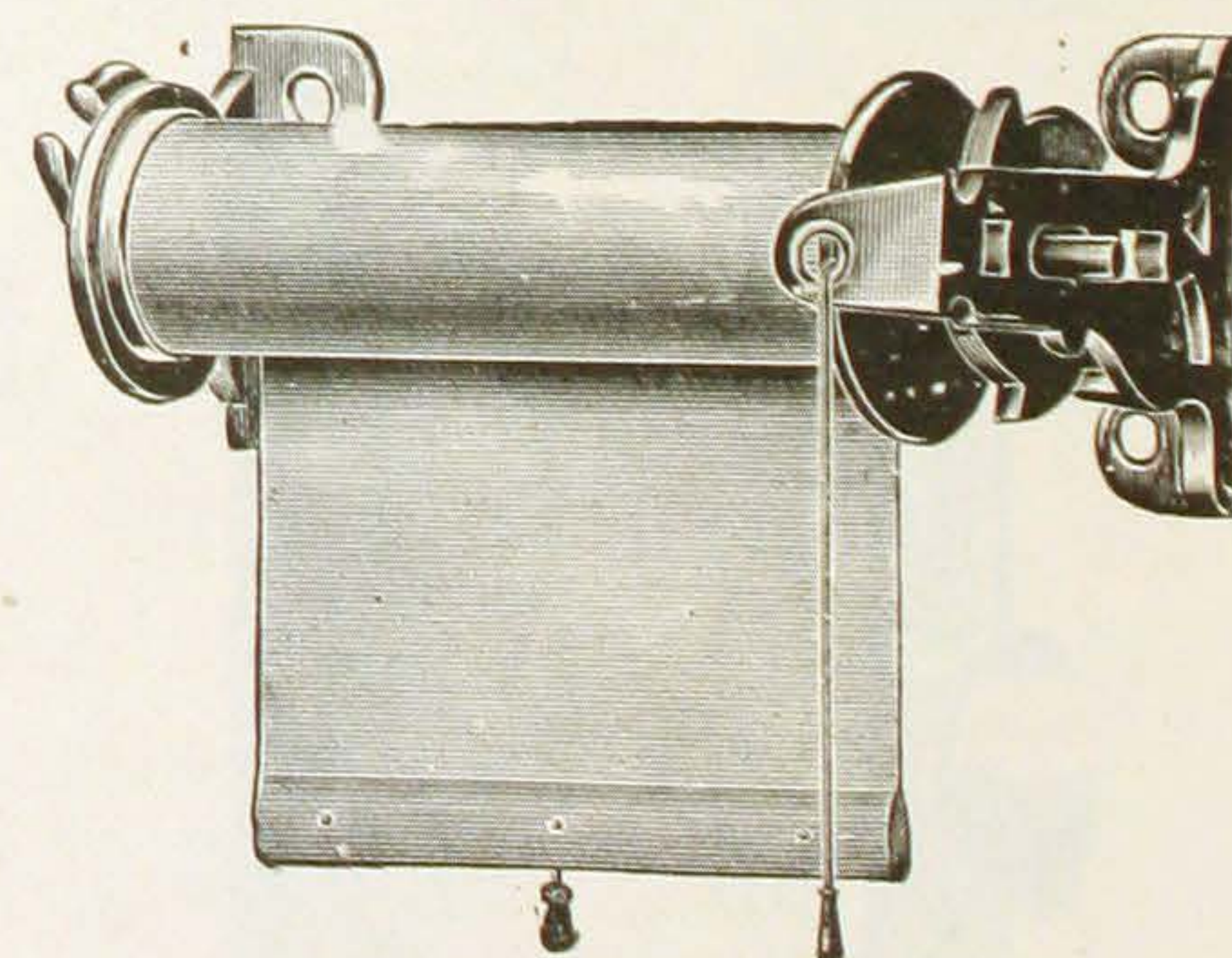
PULLEY BRACKET.



No. PHS 3007

Strong Machine Made.

Size 3/8" ... 18/6 per dozen, 1/8 each.
" 1/2" ... 20/3 " " 1/10 "



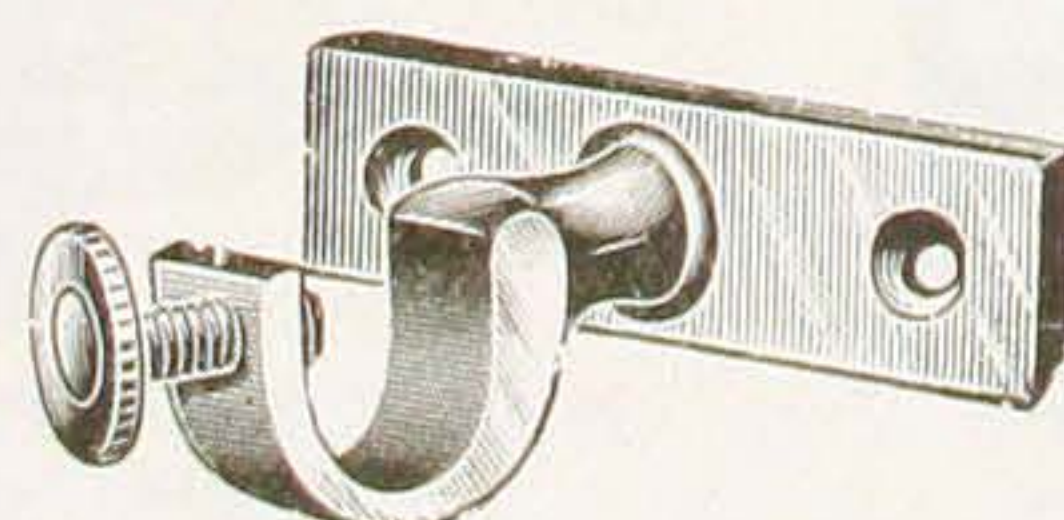
No. PHS 2986

CLIMAX BLIND FURNITURE.

Self Acting. Bronzed Iron Fittings.
To fix to face or top of window, with 4' 0" Rollers and Laths complete.

Size ... 1" 1 1/4"
10/3 20/3 dozen.
1/- 1/10 each.

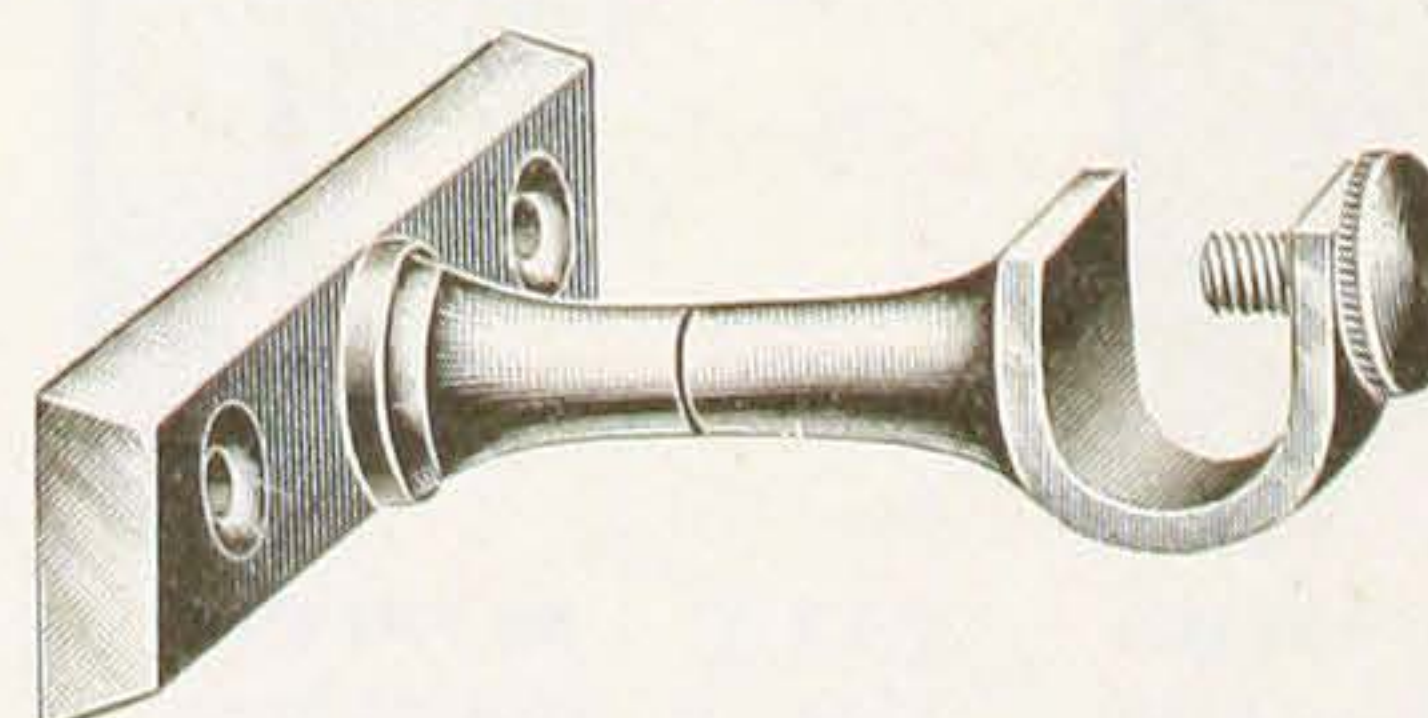
CENTRE BRACKET.



No. PHS 3008

1/2" projection.

Size 3/8" ... 7/- per dozen, 8d. each.
" 1/2" ... 7/- " " 8d. "



No. PHS 3009

Reversible Plate.

Projection 1" 1 1/2" 2" 3"
3/8" or 1/2" ... 7/6 7/8 8/4 9/8 dozen.
9d. 9d. 10d. 11d. each.

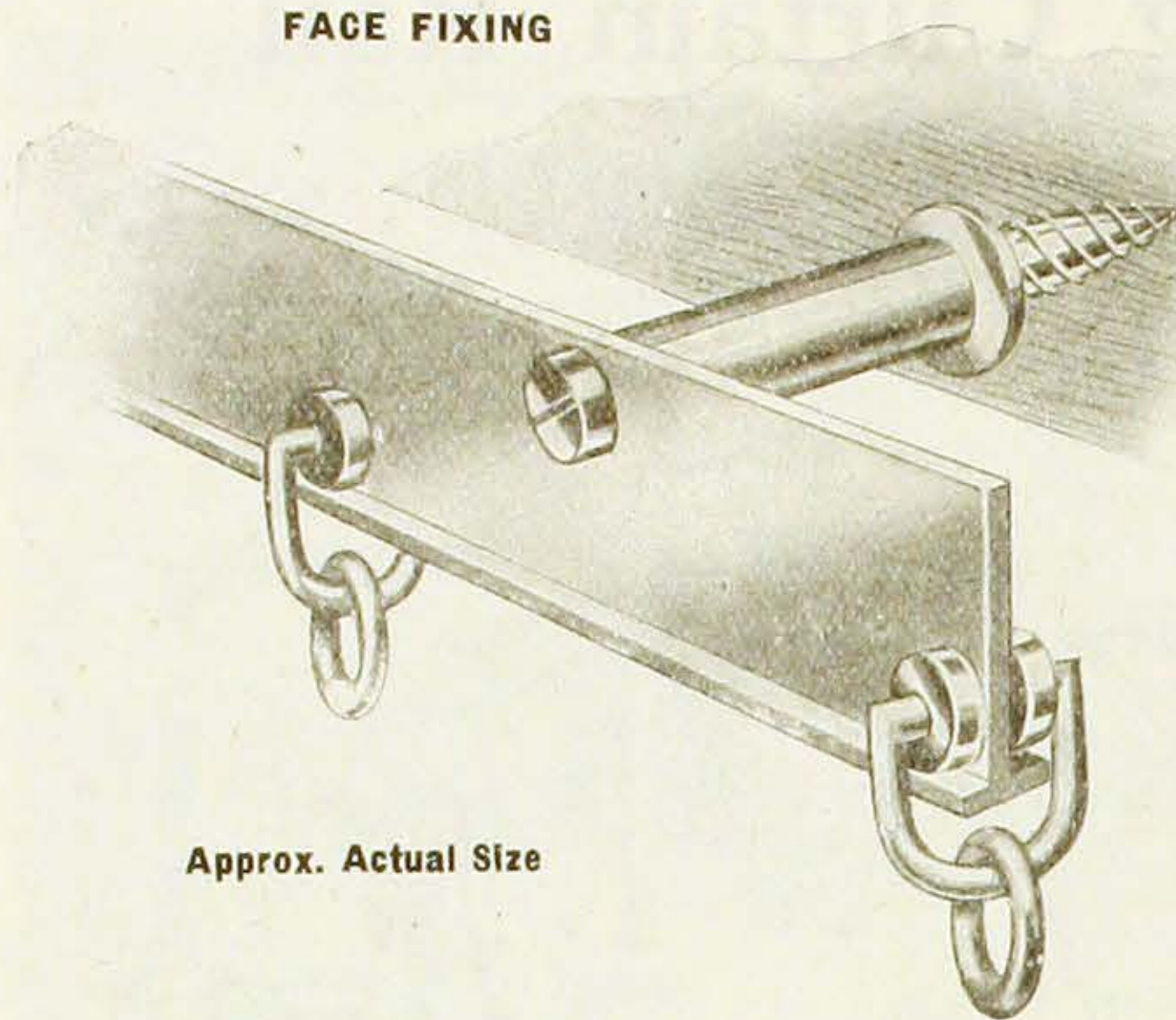
" B " Basis.

PHS—Stock Lines; PHQ—Quick delivery.

The "Glydo" Curtain Rail

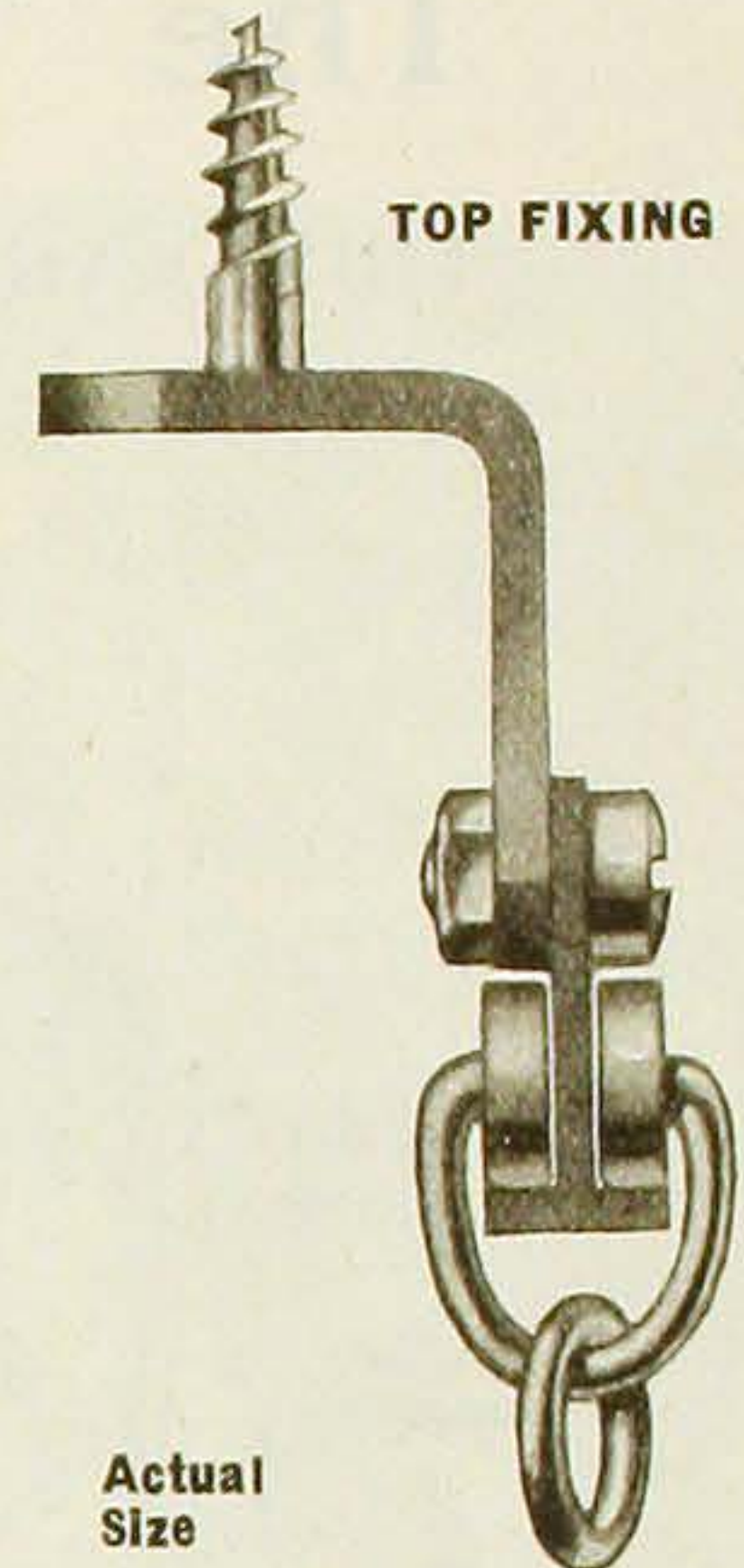
With Large Brass Rustless Roller Bearings—(Patented).

FACE FIXING



Approx. Actual Size

TOP FIXING



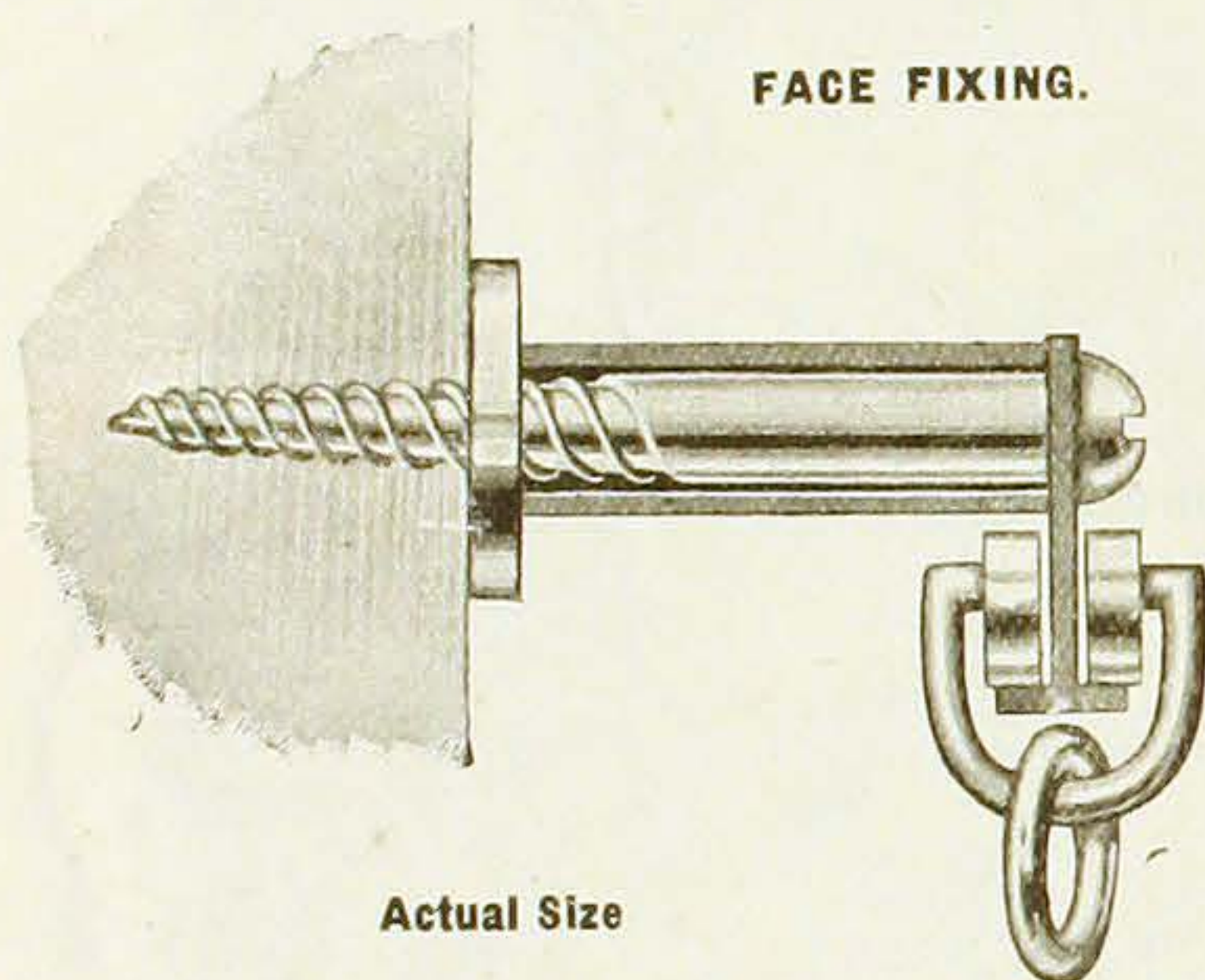
Actual Size

No. PHS 5353
CONNECTING BRIDGE.

Enabling two Rails to be jointed together so that the movement of the Rollers is not interfered with.

NOTE THE DOUBLE ROLLER ON THE DOUBLE TRACK.

FACE FIXING.



Actual Size

VALANCE AND CURTAIN HOOKS.

No. PHS 5388 Brass.

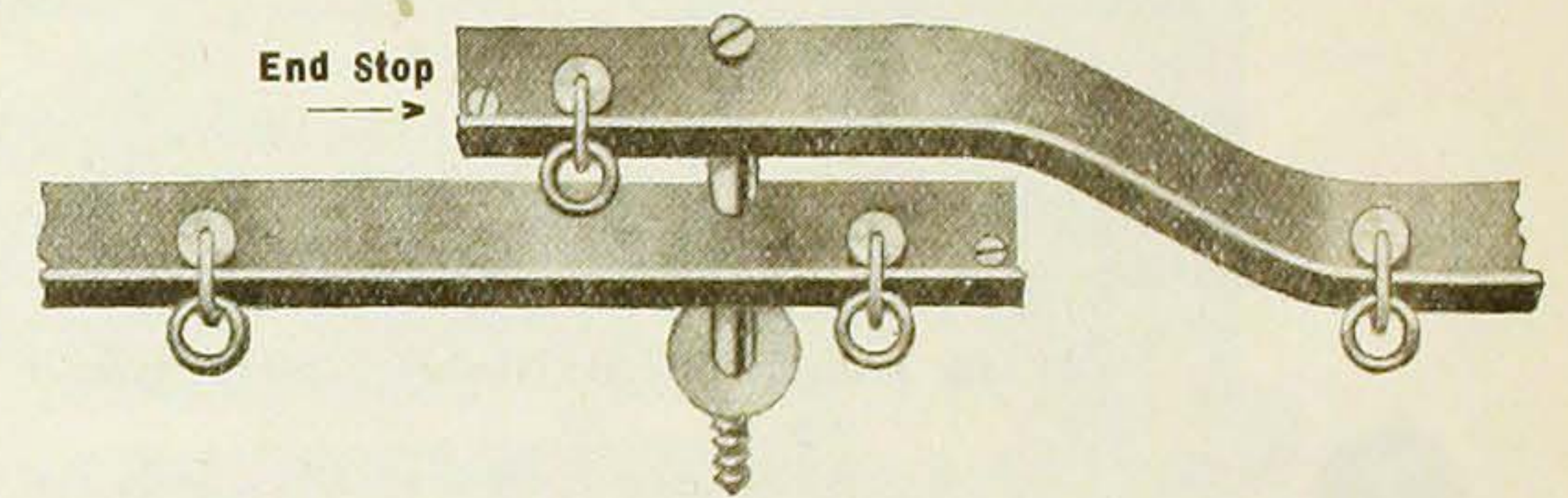
No. PHS 5389 Rust-Proofed.



No. PHS 5387 Brass

The "Stop" which is fitted to ends of Rail is provided with hole to receive Curtain Hook.

End Stop



ARRANGEMENT FOR OVERLAP.

Showing the long screw (3 1/4") for fixing, and distance piece, (1 1/4") between rails.

Note the small bolt and nut used as End Stop.

No. PHS 5350 "GYLDO" RAIL, drilled every 12"
No. PHS 5351 " " " " " " " " 9"

With each foot of Rail, we supply:—

4 Runners (Suspenders on Rollers).

1 Extension Tube (1") for face fixing, or Bracket for top fixing.

1 Screw (1 1/4") for face fixing, or bolt, nut and screw for top fixing.

1 Washer, for face fixing.

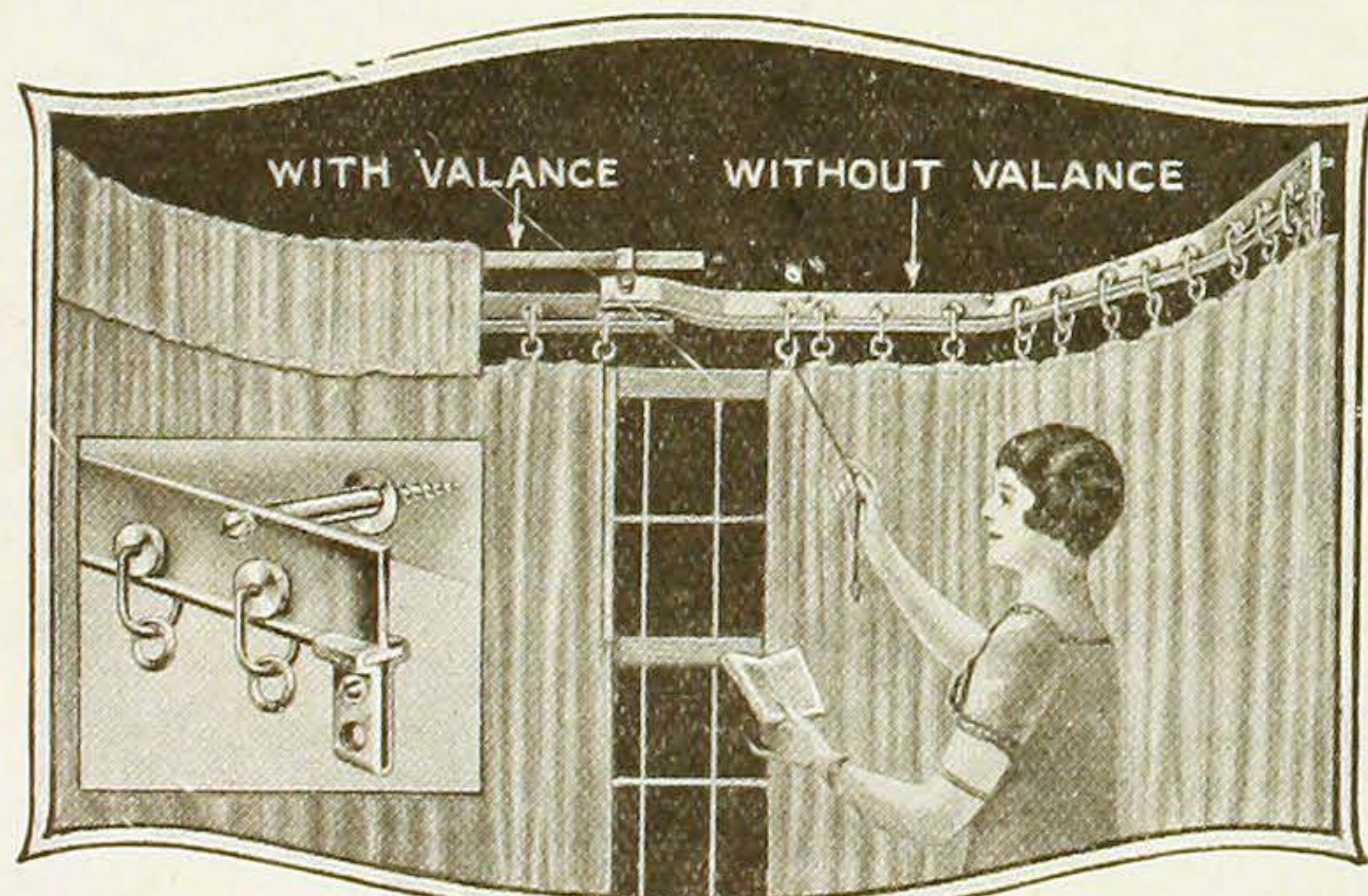
2 End Stops for lengths up to 10'. 4 End Stops for lengths above 10'.

Stock lengths from 4' 0" rising in 6" to 10' long, also 11', 12' and 14'. Special lengths charged as next longer stock lengths.

THE "GLYDO" CURTAIN RAIL has been scientifically and accurately made by experts and will be found to give permanent satisfaction. It is rustless and has a neat appearance as shewn. It can easily be bent by hand and fixed to any shape window. When Valance is fixed the whole is completely hidden from view.

By attaching a cord to the First Runner the curtain can be drawn either way without handling the material.

Top or Face Fixing same price.



WITH VALANCE

WITHOUT VALANCE

With Valance. Showing the "Glydo" Rail fixed.

Without Valance.

No. PHS 5350
Ordinary Strength.

1/6 per foot.

2/6 " "

3/- " "

No. PHS 5351

Extra Strong.

2/6 per foot.

3/6 " "

4/3 " "

No. PHS 5352 VALANCE RAIL COMPLETE.

With three hooks and bracket for fixing.

Ordinary.

9d. per foot.

1/2 " "

1/6 " "

Extra Strong.

10d. per foot.

1/4 " "

1/8 " "

Ordinary Strength.

60/- per gross.

3/- " "

3/- " "

2/6 " "

Extra Strong.

5/3 per dozen.

4d. " "

4d. " "

3d. " "

No. PHS 5353 Connection Bridge 2/- per dozen.
No. PHS 5354 Pulleys and one pair Master Runners for use with Cords (on Straight Runners only) 13/- " " pairs.
No. PHS 5355 Runners only, Nickel Plated 2/6 " " " "
No. PHS 5363 Piercing Tool, for Rail 15/- each.

Ordinary Strength.

2/- per dozen.

Extra Strong.

2/- per dozen.

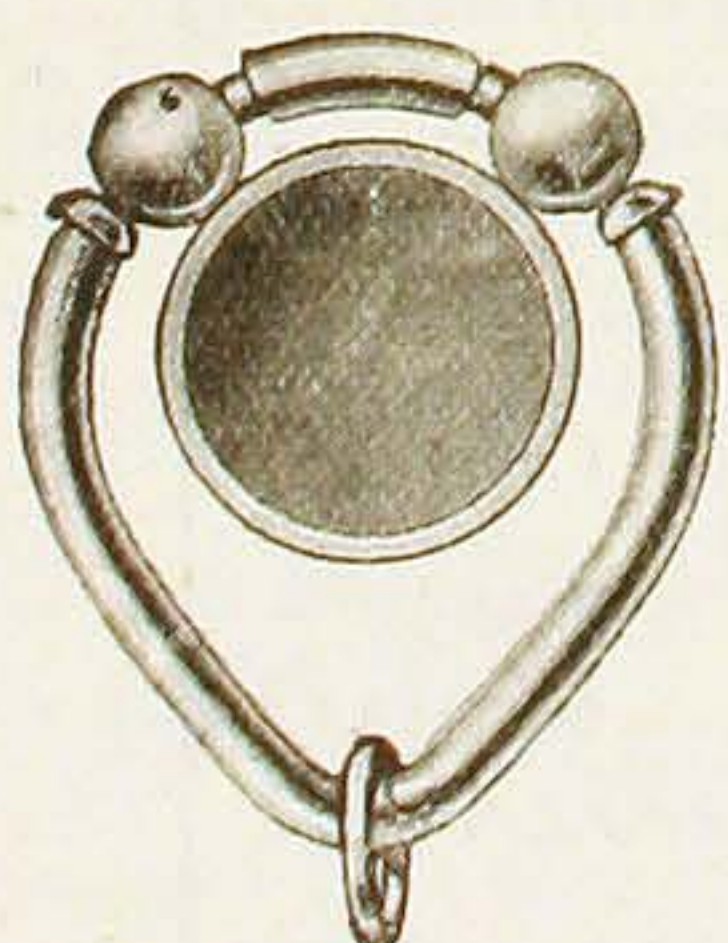
20/- " " pairs.

4/- " " "

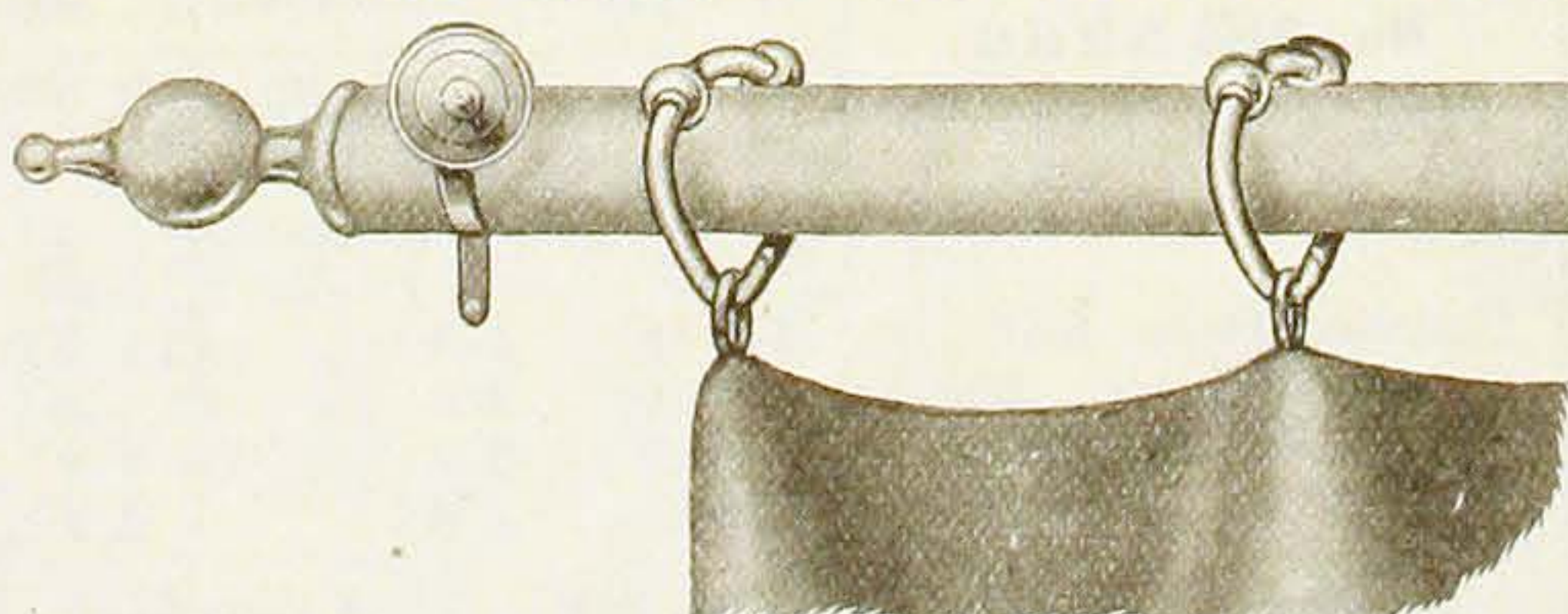
15/- each.

No. PHS 5364 Weights for Cords and Pulleys 60/- per gross.
No. PHS 5387 Valance or Curtain Hook, Brass 3/- " "
No. PHS 5388 " " " " 3/- " "
No. PHS 5389 " " " " Steel, rust-proofed 2/6 " "

THE "PARWINAG" BALL-BEARING CORNICE POLE RING. (Patent applied for).



Made for 1", 1 1/2", 2", 2 1/2", 3", 4", 5", 6", 8", 10", 12", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", 48", 50", 52", 54", 56", 58", 60", 62", 64", 66", 68", 70", 72", 74", 76", 78", 80", 82", 84", 86", 88", 90", 92", 94", 96", 98", 100" poles.



No. PHS 5430 Can be used with Wood or Metal Cornice Poles.

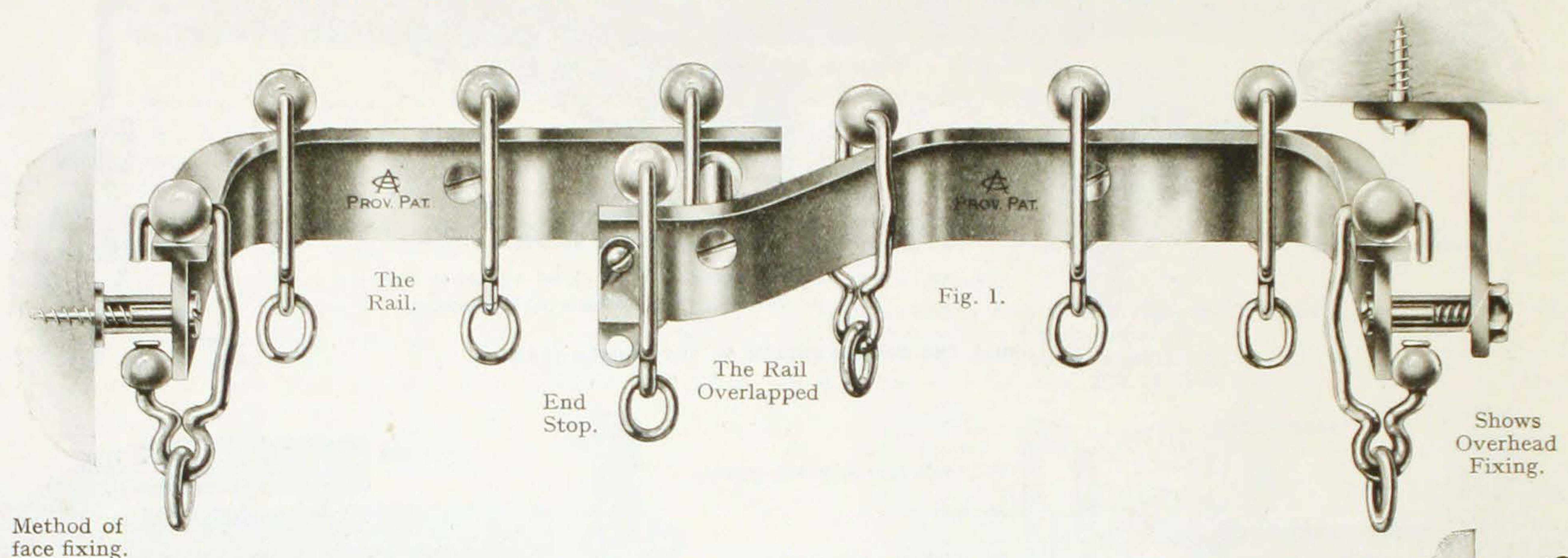
Adopt Latest Methods and ensure the smooth running of at least one part of the Home—the Curtains.

Enables existing Cornice Poles to be converted into an up-to-date and satisfactory method of Curtain Suspension. Curtains cannot bind. The heaviest curtain can be moved freely and without friction.

For	1"	1 1/2"	1"	1 1/2"	1 1/2"	2" pole.
Polished Brass ..	2/3	2/8	3/-	3/4	4/2	5/- dozen.
C.B.&R. on Brass	2/6	2/11	3/4	3/9	4/7	5/6 "
B.M.A. on Brass ..	2/8	3/-	3/6	3/11	4/9	5/9 "
Ox. Silver on Brass	2/9	3/2	3/8	4/1	5/-	6/- "

The "Parwinac" Ball Bearing Curtain Rail

THIS RAIL WAS SELECTED AND FITTED THROUGHOUT SEVEN OF NINE HOUSES
AT THE IDEAL HOME EXHIBITION, OLYMPIA, MARCH, 1926.



Method of face fixing.

It is Rustless—British—Easily fitted (screwdriver only required)—can be bent by hand.

Valance Rail and Brackets are fixed on the same Screws—see illustration below Fig. 4.

The selection of a Curtain Runner is becoming increasingly difficult on account of the variety of patterns and designs. Our Ball Bearing principle makes a special claim to those who appreciate a mechanically correct product.

1. The point of contact of the main Ball is almost immeasurable therefore dust and corrosion cannot affect the movement of the Runner.
2. The second Ball operates when Curtains are drawn at an angle or travelling round a bend.
3. The total point of contact is so slight that binding is impossible and runners cannot interlock or stick.

End Stops are supplied to each Rail to prevent runners coming off, and the hole in them is for the end hooks of the curtains. This rail can be corded on straight runs only.

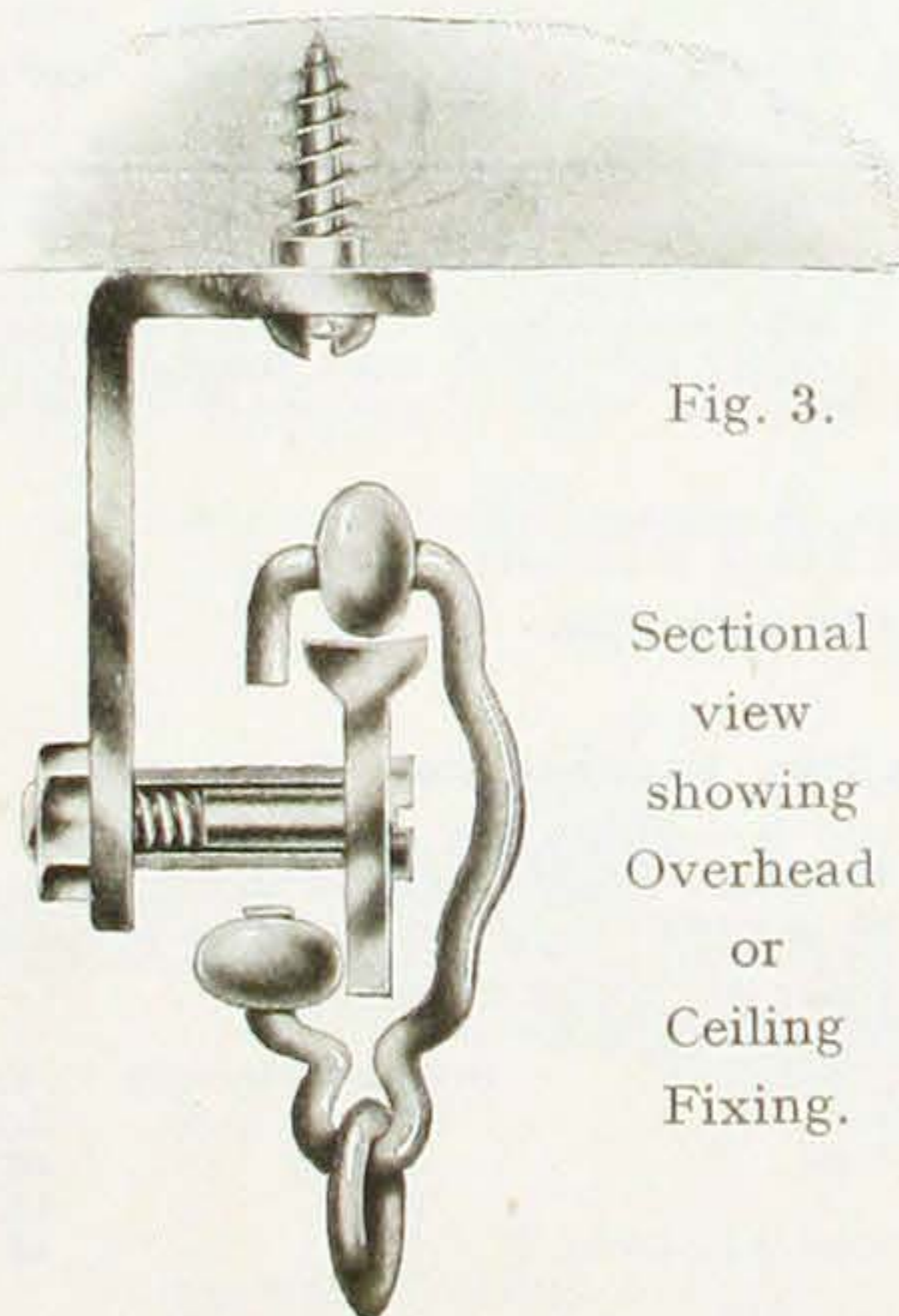
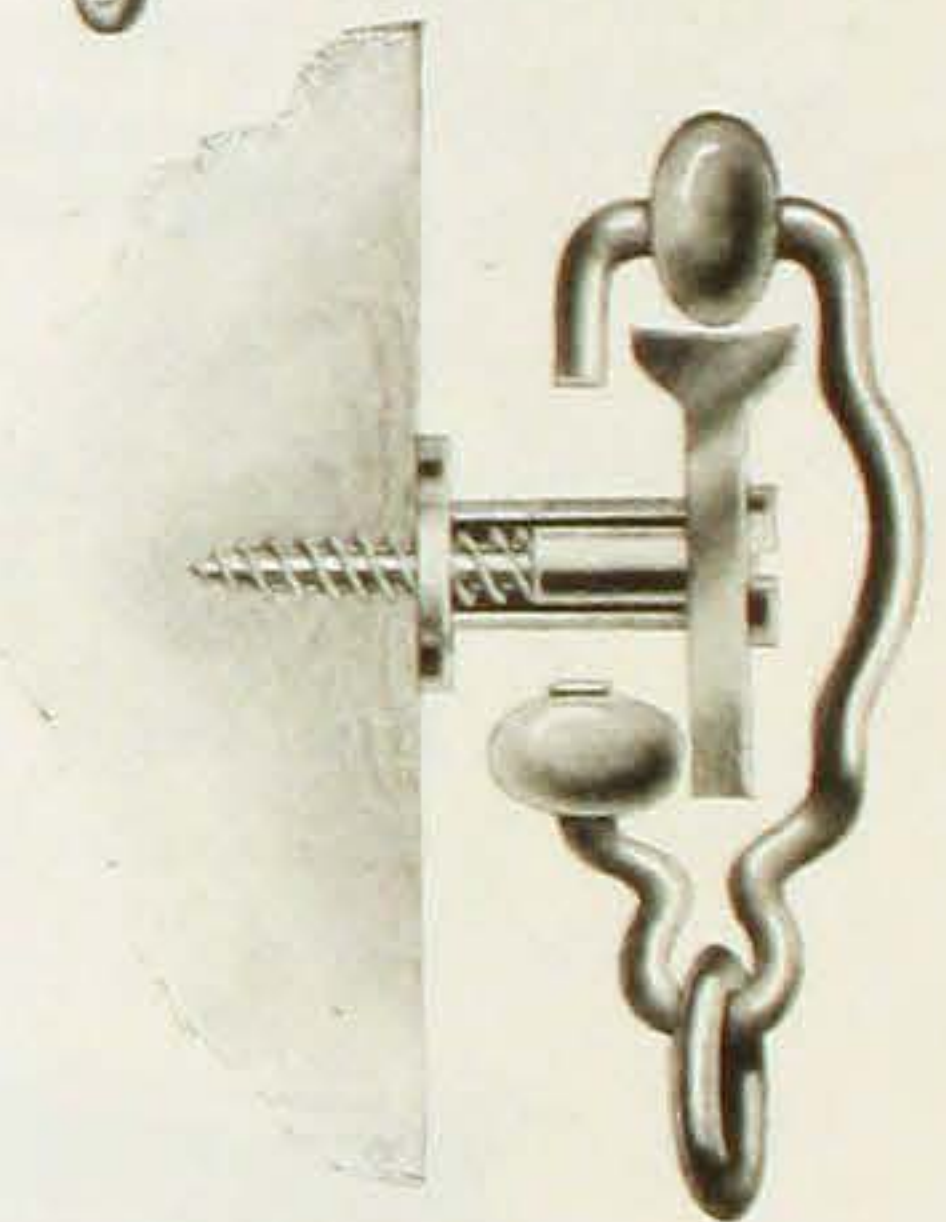


Fig. 3.

Sectional view showing Overhead or Ceiling Fixing.

THE "ZIMBO" SINGLE RAIL.



This is an ordinary Zimbo Extending Rail, suitable for straight windows. Stocked to fit any size window.

No. PHS 5368

THE "ZIMBO" CURTAIN RAIL.

This Rail is a simple contrivance that anyone can fix in a moment. It is flat extending, light, rigid and inexpensive. This rail is suitable for straight windows or bay windows and can be supplied double in order to take the valance.

All Prices from the special Bargain Offer at 6d. each **nett** upwards.

(This Cheap One is 24" long and extends to 48"). Other prices upon application.

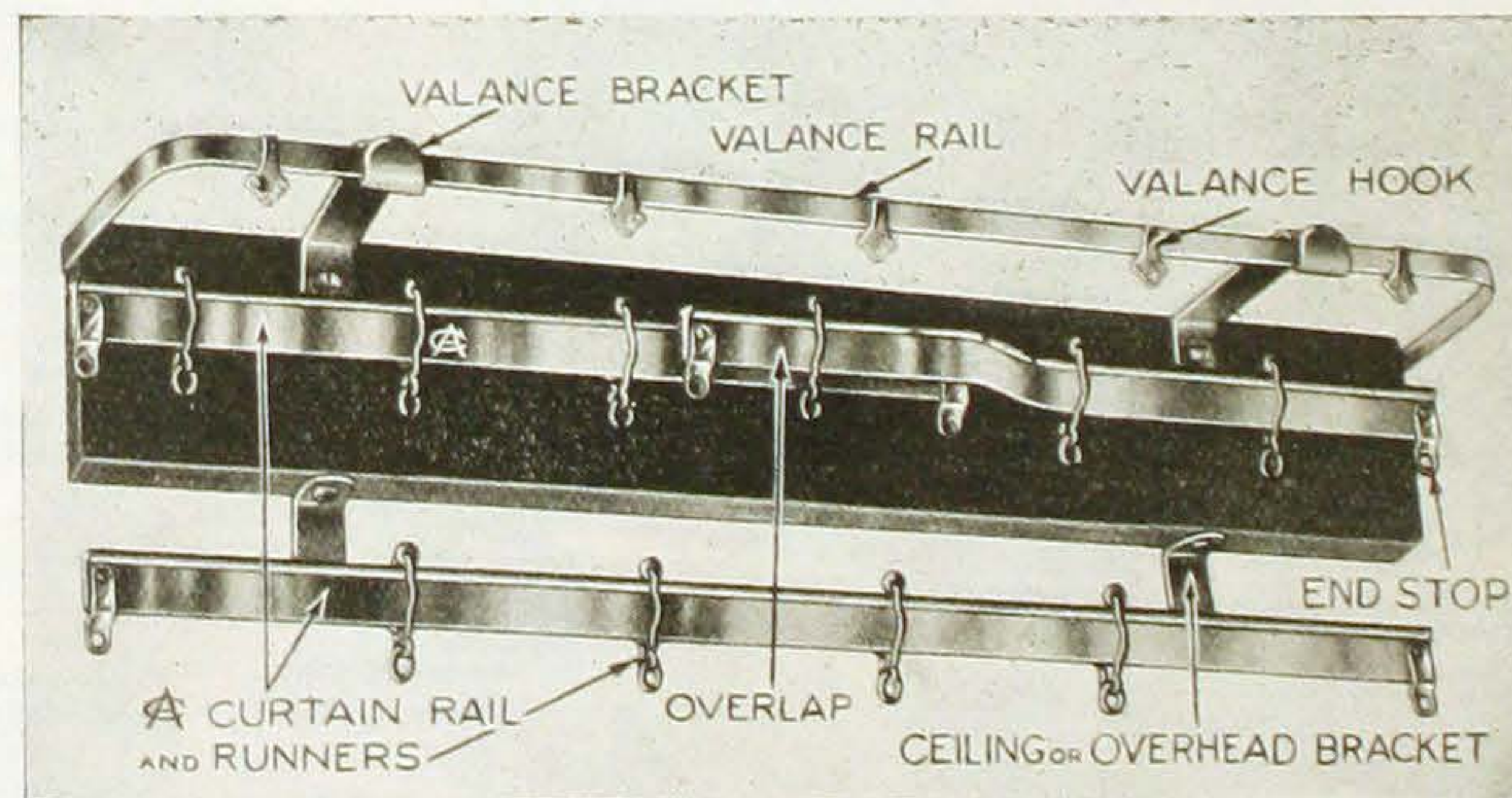


Fig. 4.

Fig 4 is a comprehensive view of rail showing valance rail fitted, overlap, also rail with overhead or ceiling fitting.

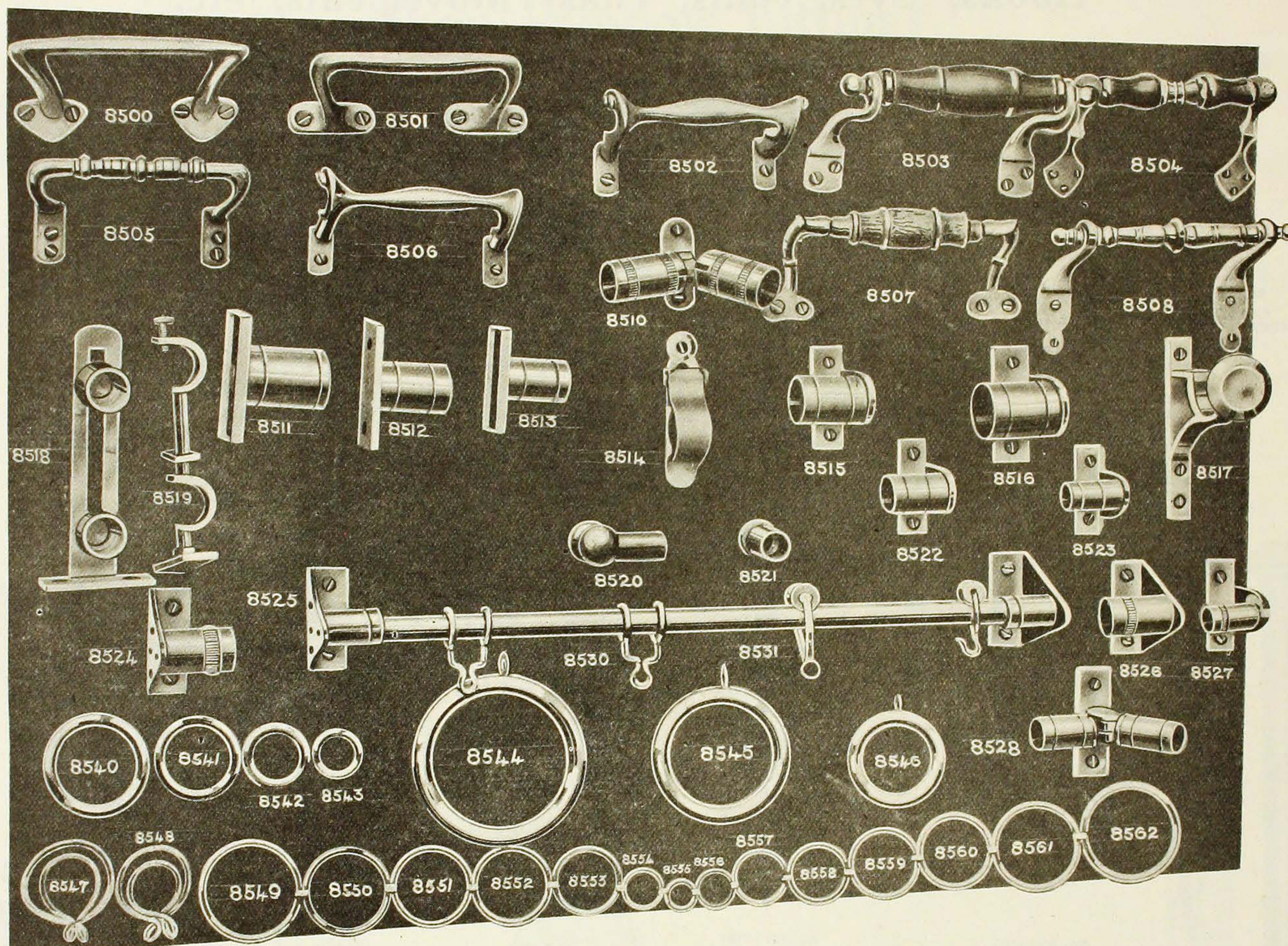
With each foot of Rail we send:—
3 Nickel Plated Rustless Runners, 1 screw, 1 distance tube and washer, and with each length two End Stops.

Specification and Prices.

Parwinac Rail made in Brass, drilled every 12" for No. 8 Wood Screw, Ball Bearing Runners (Brass throughout), Nickel Plated.

No. PHS 5369	For heavy Curtains.		For Light or medium weight Curtains.	
	Rail.	Complete with Valance Rail Brackets and Hooks.	Rail.	Complete with Valance Rail Brackets and Hooks.
Polished Brass Rail ...	1/6 ft.	2/3 foot.	1/2 ft.	1/9 foot.
" Alumin. Rail ...	1/6 "	2/3 "	—	—
Copper Oxidized Rail ...	2/- "	2/9 "	1/8 "	2/3 "
Silver Oxidized Rail ...	2/6 "	3/3 "	2/2 "	2/9 "
Any length supplied up to 14 feet. If overhead or ceiling fixing, 3d. per foot extra.				
Ball Bearing Runners, Nickel Plated, 4d. each.			3d. each.	
Connecting Plate to join two rails 2d. "			2d. "	

Tray Handles, Curtain Rings, Hooks, etc.



CABINET AND TRAY HANDLES.

No. PHS 8500	Aluminium	4/9 per dozen.
No. PHS 8501	Polished Brass	10/-
	Antique or Dull	11/-
	C. B. & R. on Brass	11/8
	B. M. A. or Oxidized Silver	12/8
No. PHS 8502	Nickel Plated	15/9
No. PHS 8506	Polished Brass	12/9

No. PHS 8503 With Imitation Ebony Grip.

*Polished Brass	20/- per dozen.
Dull, C. B. & R. or B.M.A. on Brass	21/9
Oxidized Silver	28/-
No. PHS 8504 With Coloured Grip or Imitation Ebony	13/2 per dozen.
*Polished Brass	13/2
Dull Brass	15/9
*Polished Nickel	15/9
Copper Oxidized	15/9
Silver Oxidized	18/6

*Stock Finishes.

No. PHS 8505

Polished Brass	14/- per dozen.
No. PHS 8507 Oak Grip.	
*Polished Brass	15/3
Dull Brass, C. B. & R. and B.M.A. on Brass	17/2
Oxidized Silver	23/2
No. PHS 8508	
*Polished Brass	47/3
Antique or Dull	52/-
C. B. & R.	54/4
B. M. A. or Ox. Silver	59/2

THE GOODS PRICED BELOW ARE STOCKED IN POLISHED OR ANTIQUE BRASS ONLY.

ADJUSTABLE CORNER BRACKETS.

No. PHS 8510	Polished Brass	63/-	84/- per gross.
	C. B. & R. on Brass	73/6	98/-

CURTAIN RINGS. SOLID.

Nos. PHS 8540, 8541, 8542 and 8543	Size	3/4" x 13G.	1/2" x 12G.	1" x 11G.	1 1/2" x 10G.	2" x 10G.
Burnished Brass		3/8	4/10	6/8	12/3	21/- gross.
Dull, C. B. & R. or B.M.A. on Brass		8/9	10/6	12/3	18/6	28/-
Oxidized Silver		15/9	18/6	21/-	31/6	42/-

CURTAIN RINGS.

Nos. PHS 8544, 8545, and 8546	Size	7/8"	1"	1 1/2"	1 3/4"	2"	2 1/2"	2 3/4"
Burnished Brass	11d.	1/1	1/2	1 1/5	1 1/7	1 1/10	2/-	2 1/8
Dull, C. B. & R. or B.M.A. on Brass	1/9	2/1	2/4	2/8	3/1	3/6	4/6	5/3
Oxidized Silver	2/8	3/-	3/3	4/-	5/3	6/2	7/-	8/9

CURTAIN RINGS.

Nos. PHS 8549, 8550, 8551, 8552, 8553, 8554, and 8555 Hollow.

Nos. PHS 8556, 8557, 8558, 8559, 8560, 8561 and 8562 Solid.

Size	3/4"	7/8"	1"	1 1/2"	1 3/4"	2"	2 1/2"	2 3/4"
Hollow	6d.	7d.	7d.	8d.	9d.	1/-	1 1/2	1 1/3
Solid	7d.	8d.	9d.	1/1	1/2	1 1/6	1 1/8	1 1/9
Size	1 1/8"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
Hollow	1/6	1/8	1/9	1/10	2/1	2/5	3/1	5/7
Solid	2/1	2/3	2/4	2/8	3/1	4/-	4/10	5/10

TWISTED EYE SINGLE CURTAIN RINGS (shown above in duplicate). Nos. PHS 8547 & 8548

Brass—1/2", 2/9; 3/4", 3/-; 1", 4/- gross. A. C. on Brass—1/2", 3/3; 3/4", 3/6; 1", 4/6								
CURTAIN ROD BRACKETS	Size							
No. PHS 8520	Machine Made Polished Brass	13/9	19/4	16/2 per dozen pairs.				
		1/3	1/9	1/6 per pair.				
No. PHS 8521	Machine Made Polished Brass	11/6	13/10	per dozen pairs.				
		1/1	1/3	per pair.				
No. PHS 8527	Polished Brass		5/9	7/- per dozen pairs.				
	C. B. & R. on Brass		7/6	8/9				
	B.M.A. on Brass		7/-	8/4				
	Oxidized Silver		17/6	18/10				

CURTAIN ROD BRACKETS.

No. PHS 8518	Ordinary Brass	14/-	15/9 per dozen pairs.
	Dull Brass, C. B. & R. or B.M.A. on Brass	16/8	18/6
	Oxidized Silver	20/3	22/-
No. PHS 8514	Polished Brass	3/3	4/6
	Size	1"	1 1/2"
No. PHS 8519	Brass	6/4	7/9
	Size	7/9	8/6
	Size	8/6	9/2
	Size	9/2	9/10
	Size	11/8	11/8
Nos. PHS 8524, 8525 and 8526	Size		
Ordinary Brass		8/4	9/3 per dozen pairs.
Dull, C. B. & R. or B.M.A. on Brass		9/8	10/6
Oxidized Silver		11/6	12/3
No. PHS 8528	Size		
Ordinary Brass		15/9	18/6 per dozen.
Dull, C. B. & R. or B.M.A. on Brass		17/6	20/3
Oxidized Silver		19/3	22/-
MUSLIN ROD BRACKETS.	Size		
Nos. PHS 8511, 8512 and 8513		8/-	10/6
Nos. PHS 8515, 8516, 8522 and 8523		8/-	10/6

CORNICE POLE BRACKETS.

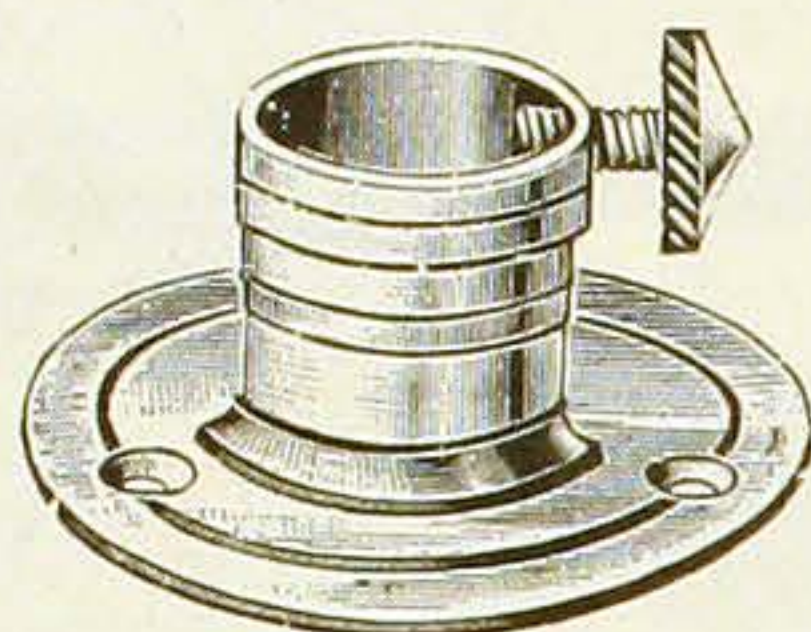
No. PHS 8517 (1 1/2" and upwards have Stamped Rose).	Size							
Brass	15/6	16/2	16/10	19/8	22/6	25/3	27/4	29/6
C. B. & R.	19/3	20/2	21/-	24/6	28/-	31/6	34/2	36/9
B.M.A.	21/2	22/2	23/2	27/-	30/10	34/8	37/8	40/6
Ox. Silver	24/2	25/2	26/3	30/8	35/-	39/6	42/8	46/-

CURTAIN RUNNERS.

No. PHO 8530	Brass	12/- gross; 1/3 dozen.						
No. PHS 8531	With Hook, Nickel Plated							
	Ditto, with Ring							
	C. B. & R. or Steel Bronzed							

BRASS CASED TUBE. See No. PHS 4596 on page 206.

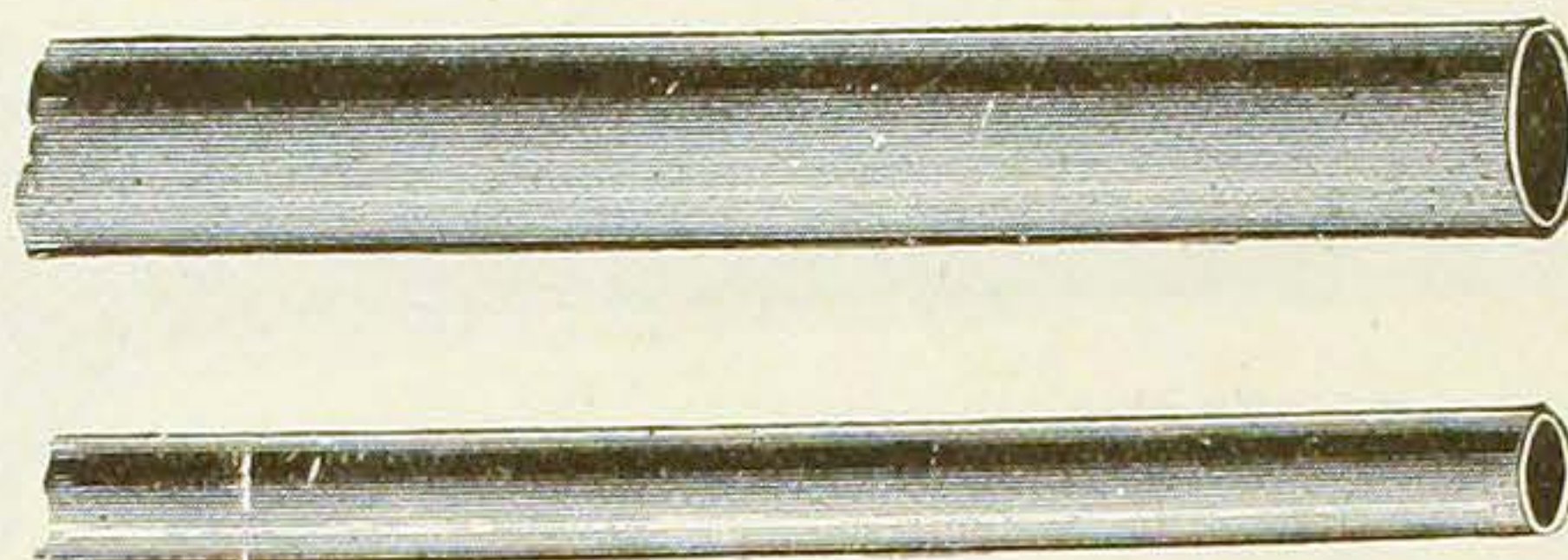
Shop Window Fittings

**No. PHQ 4595**

Bottom Fixing.

Dipped and Burnished.

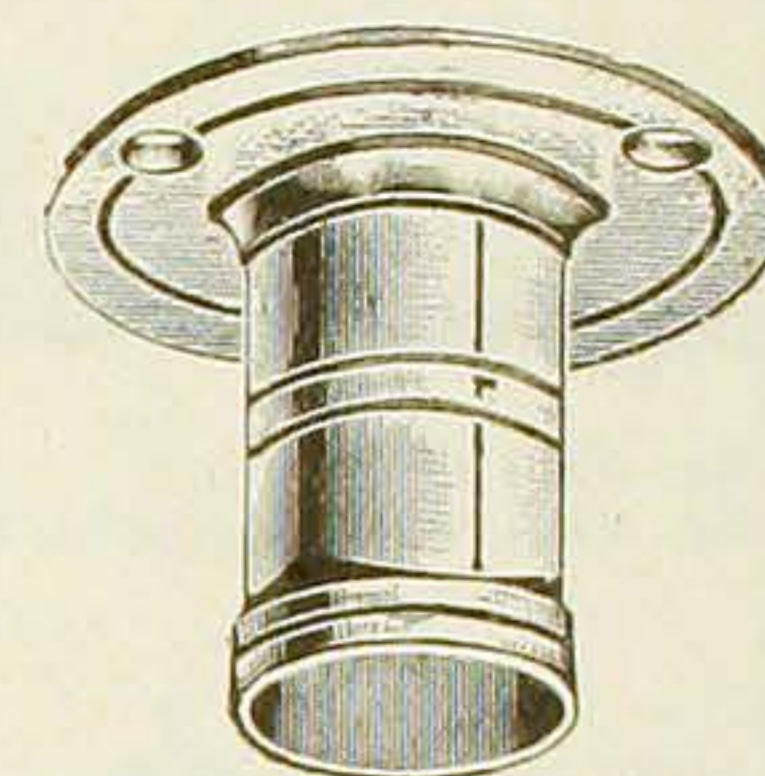
Size	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
8/-	9/3	10/6	12/-	12/4	20/3	36/-	doz.
9d.	10d.	1/-	1/1	1/2	1/10	3/2	each.

**No. PHS* 4596**

Brass Cased Tube.

Best quality. Polished and Lacquered.

Size—	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
4/10	5/3	6/2	7/-	8/4	10/6	12/3	17/6	doz.ft.
5d.	6d.	7d.	8d.	9d.	1/-	1/2	1/7	foot.

* $\frac{7}{8}$ ", $1\frac{1}{4}$ " and $1\frac{1}{2}$ " not stocked.For $1\frac{3}{4}$ " and 2" see same number on previous page, 206.**No. PHQ 4597** Top Fixing.

Dipped and Burnished.

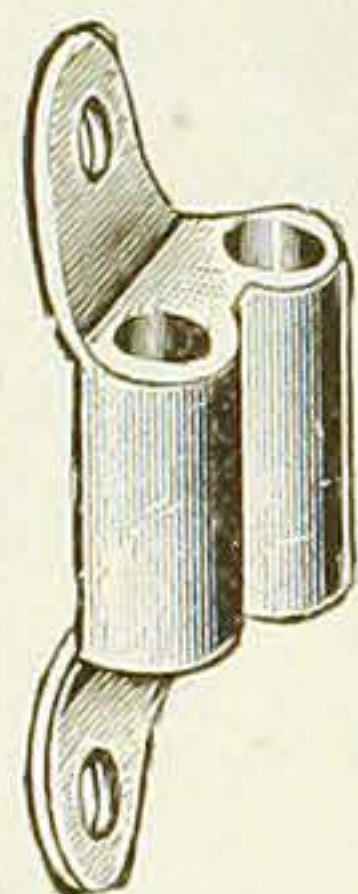
Size	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "
6/2	8/9	9/8	11/10	14/-	20/3	36/-	doz.
7d.	10d.	11d.	1/1	1/3	1/10	3/2	each.

**No. PHQ 4598**

Sash Socket.

Dipped and Lacquered.

Size	$\frac{1}{4}$ "	gross.	dozen.
$\frac{1}{4}$ "	...	23/9	2/2
$\frac{5}{16}$ "	...	31/6	2/10
$\frac{3}{8}$ "	...	42/-	3/8

**No. PHQ 4599**

Sash Sockets.

Double.
Dipped and Lacquered.

Size	$\frac{1}{4}$ "	gross.	dozen.
$\frac{1}{4}$ "	...	39/6	3/6
$\frac{5}{16}$ "	...	48/3	4/2
$\frac{3}{8}$ "	...	63/-	5/6

**No. PHQ 4683**

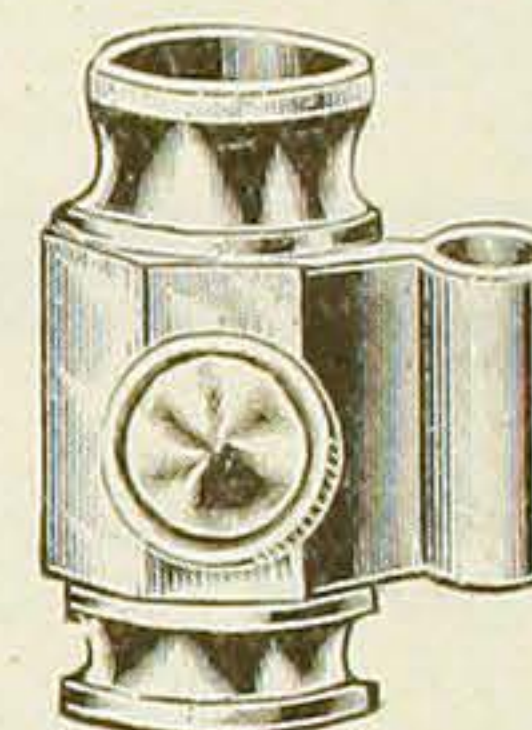
Sash Sockets.

Treble.

Dipped and Lacquered.

Size $\frac{1}{4}$ ", 73/6 gross, 6/3 dozen.

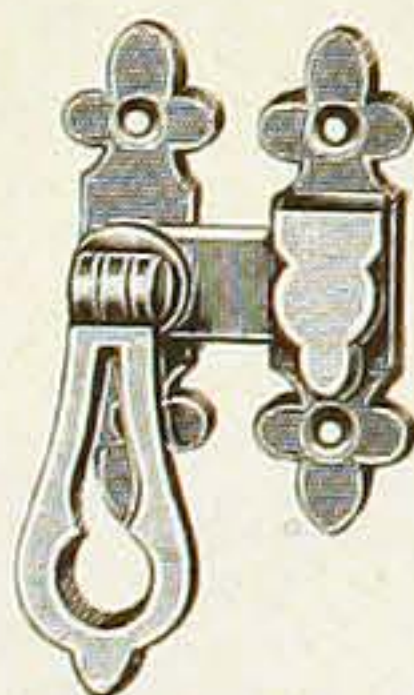
Size.	Single dozen.	Double dozen.	Treble dozen.	Quad dozen.
$\frac{1}{2}$ " x $\frac{1}{4}$ "	...	6/2	7/6	9/9
$\frac{5}{8}$ " x $\frac{1}{4}$ "	...	7/6	8/9	11/6
$\frac{3}{4}$ " x $\frac{1}{4}$ "	...	10/2	11/10	14/-
$\frac{7}{8}$ " x $\frac{1}{4}$ "	...	12/9	15/4	17/2
1" x $\frac{1}{4}$ "	...	13/8	17/2	18/10
$1\frac{1}{4}$ " x $\frac{1}{4}$ "	...	23/3	27/2	33/3
				39/6

**No. PHQ 4680**

Sliding Socket.

Dipped and Burnished.

SHOW - CASE CATCHES.

**No. PHQ 4231**Plate, 3" Handle $2\frac{1}{2}$ ".

	dozen.	each.
Berlin Black	10/6	1/-
Brass	29/9	2/8

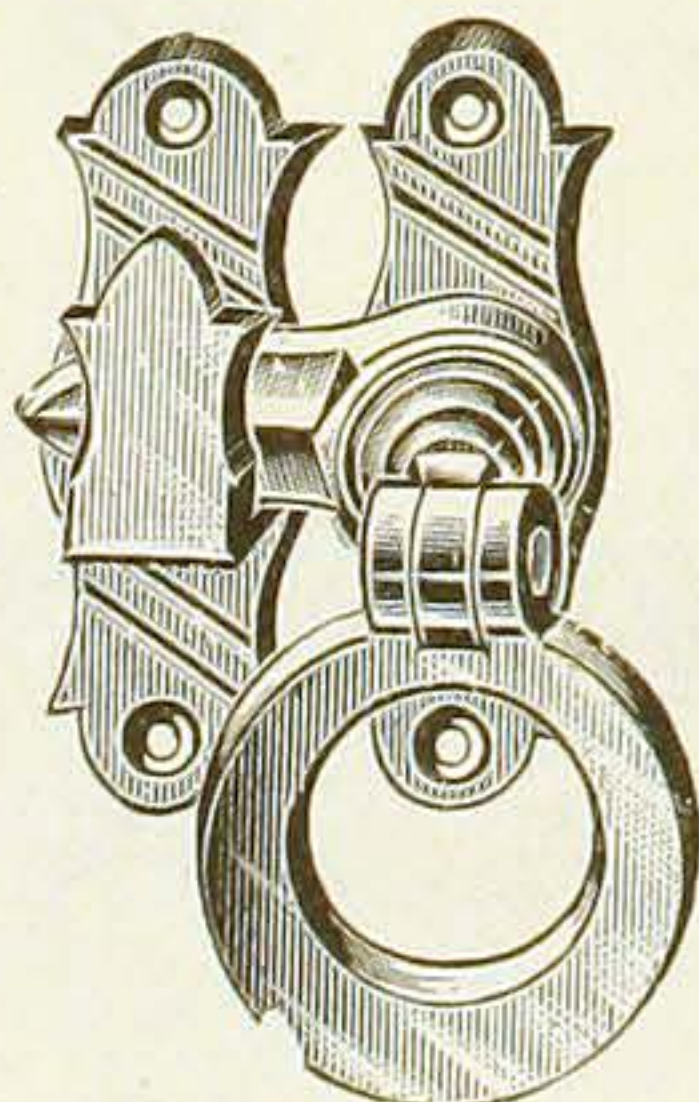
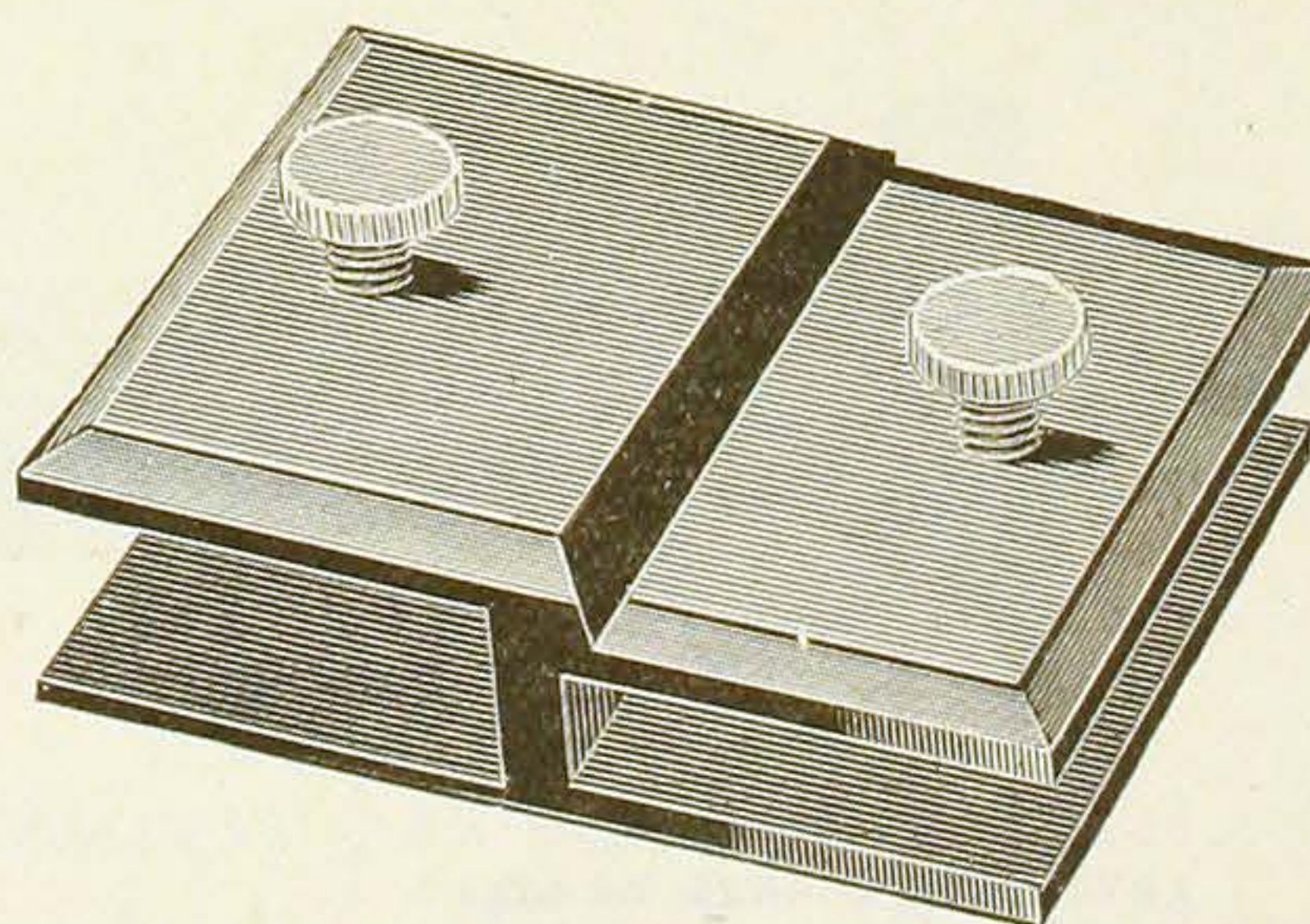
**No. PHQ 4588**

Illustration Half Size.

	dozen.	each.
Polished Brass	33/-	3/-
Nickel Plated	35/2	3/2

**No. PHQ 4681**

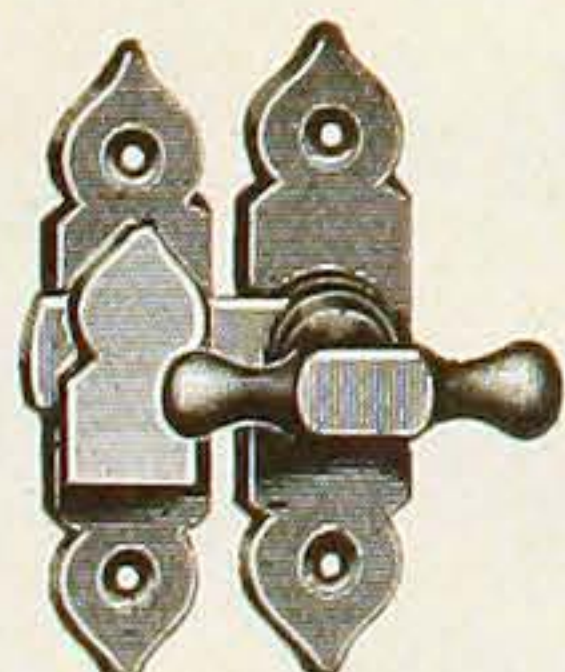
Cast Shelf Clip.

Size	$\frac{3}{8}$ " x $\frac{1}{4}$ "	$\frac{3}{8}$ " x $\frac{3}{8}$ "	$\frac{3}{8}$ " x $\frac{1}{2}$ "	
Bronzed	...	16/8	15/4	— dozen.
"	...	1/6	1/5	— each.
Nickel Plated	...	17/6	16/3	11/6 dozen.
"	...	1/7	1/6	1/1 each.

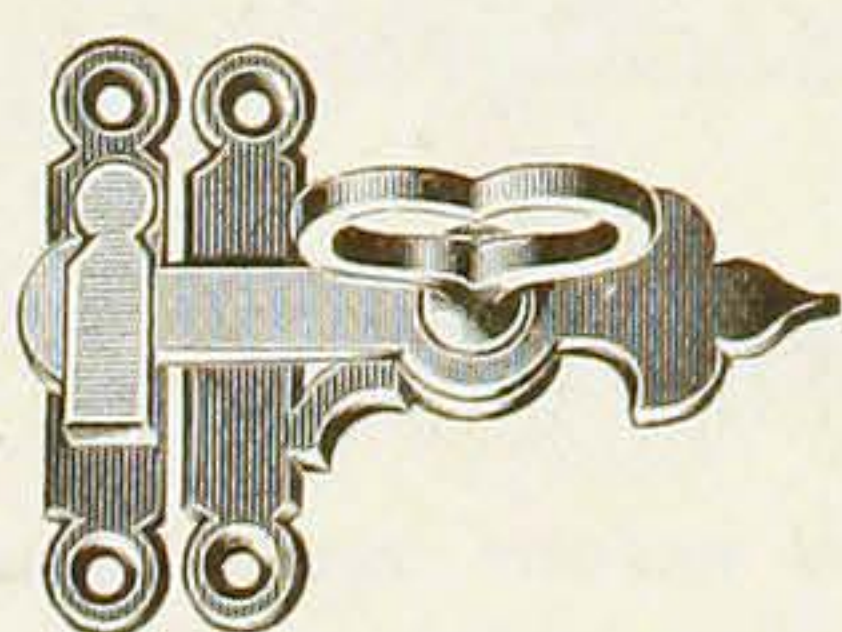
**No. PHQ 4682**

Enclosure Bolts.

Size 4"	dozen.	each.
Brass	...	18/10
Nickel Plated	21/-	1/11

**No. PHQ 4592**Handle, $2\frac{1}{4}$ " Tongue, 2"

	dozen.	each.
Berlin Black	12/3	1/2
Brass	37/3	3/3

**No. PHQ 4593**Handle, 2" Tongue, $4\frac{1}{4}$ "

	dozen.	each.
Japanned	...	16/8
		1/6

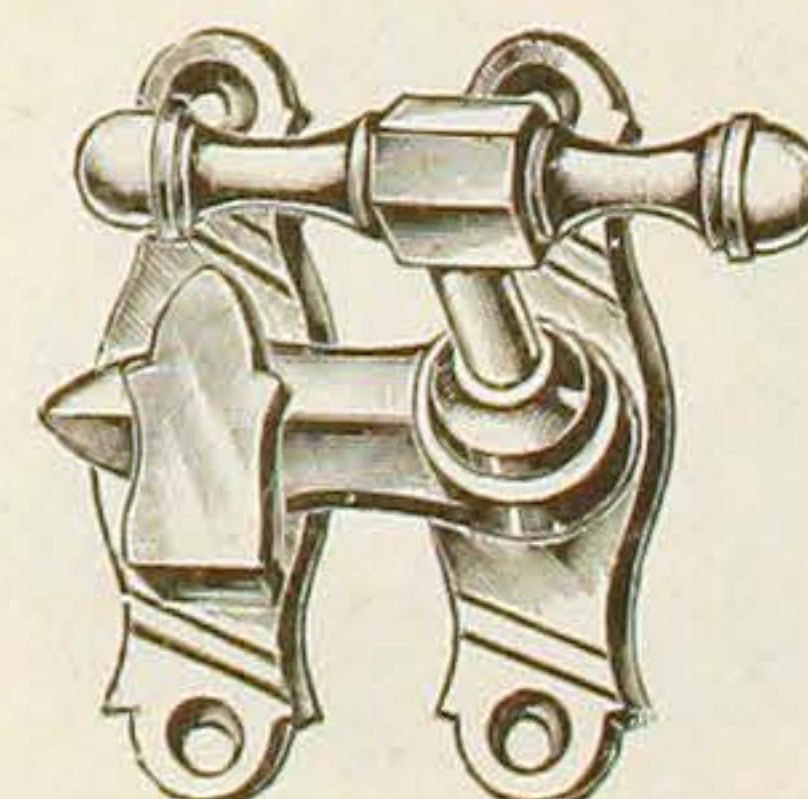
**No. PHQ 4590**

Illustration Half Size.

	dozen.	each.
Polished Brass	33/-	2/11
Nickel Plated	35/2	3/1

CAST BRASS and MALLEABLE IRON Standard and Tapped Bar Shelf Brackets

PLAIN.



No. PHQ 4684 Brass.
No. PHQ 4685 Malleable Iron, Best Finish.

PLAIN.



No. PHQ 4686 Brass.
No. PHQ 4687 Malleable Iron, Best Finish.

PLAIN.



No. PHQ 4688 Brass.
No. PHQ 4690 Malleable Iron, Best Finish.

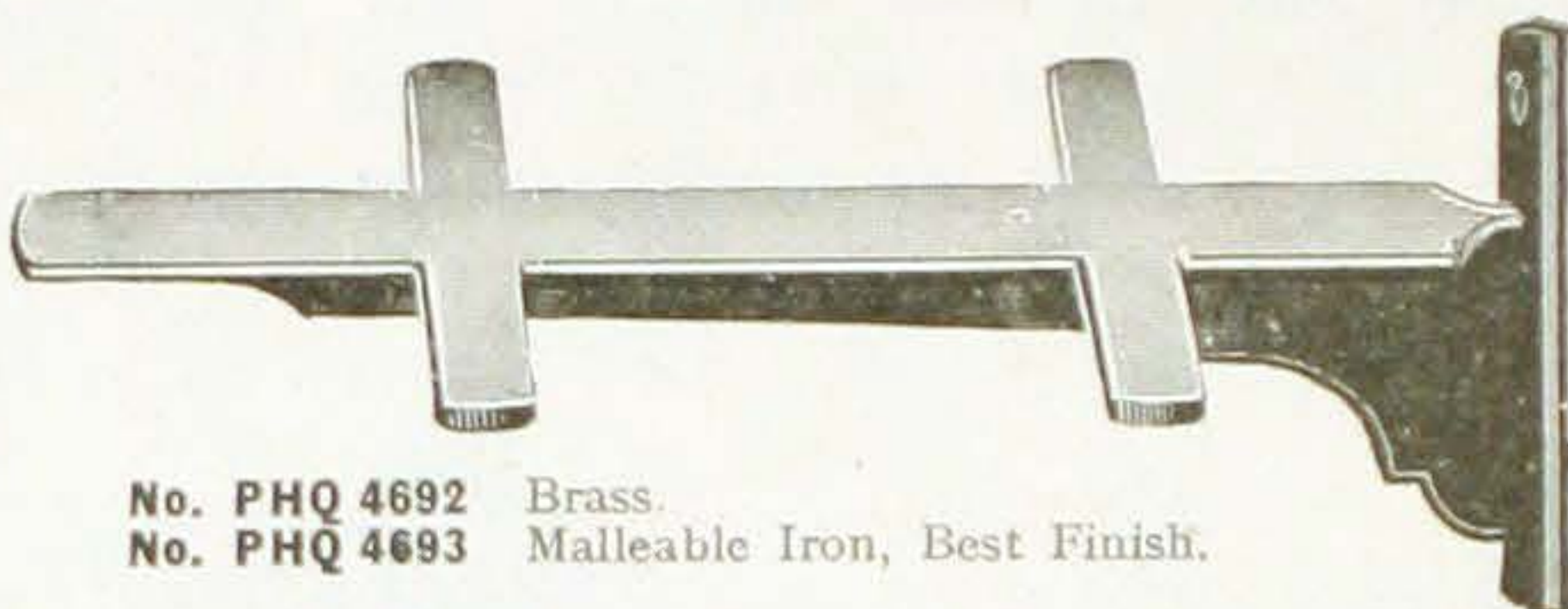
No.	Size	3"	4"	5"	6"	7"	8"	9"	10"	11"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"
PHQ 4684	—	—	11/10	15/—	15/9	18/6	21/—	22/—	28/6	31/6	36/—	43/9	47/3	49/6	52/6	61/3	64/9	111/2	122/6	150/6	152/3 dozen.
PHQ 4685	—	—	—	—	14/—	—	18/10	—	25/6	—	31/6	—	41/2	—	45/2	52/6	56/—	81/6	88/6	—	—
PHQ 4686	9/8	—	11/—	14/6	17/2	19/3	21/—	24/2	25/10	29/4	32/10	36/4	41/2	—	50/9	61/3	77/—	—	—	—	—
PHQ 4687	8/9	—	10/2	—	15/4	—	18/10	—	22/9	—	29/—	—	36/—	—	44/3	52/6	66/6	—	—	—	—
PHQ 4688	—	—	—	—	20/3	—	28/—	—	32/—	—	38/6	—	56/6	—	62/3	72/9	81/6	107/9	119/—	—	—
PHQ 4690	—	—	—	—	18/6	—	25/—	—	29/—	—	34/8	—	49/—	—	54/—	63/—	70/—	77/—	88/6	—	—

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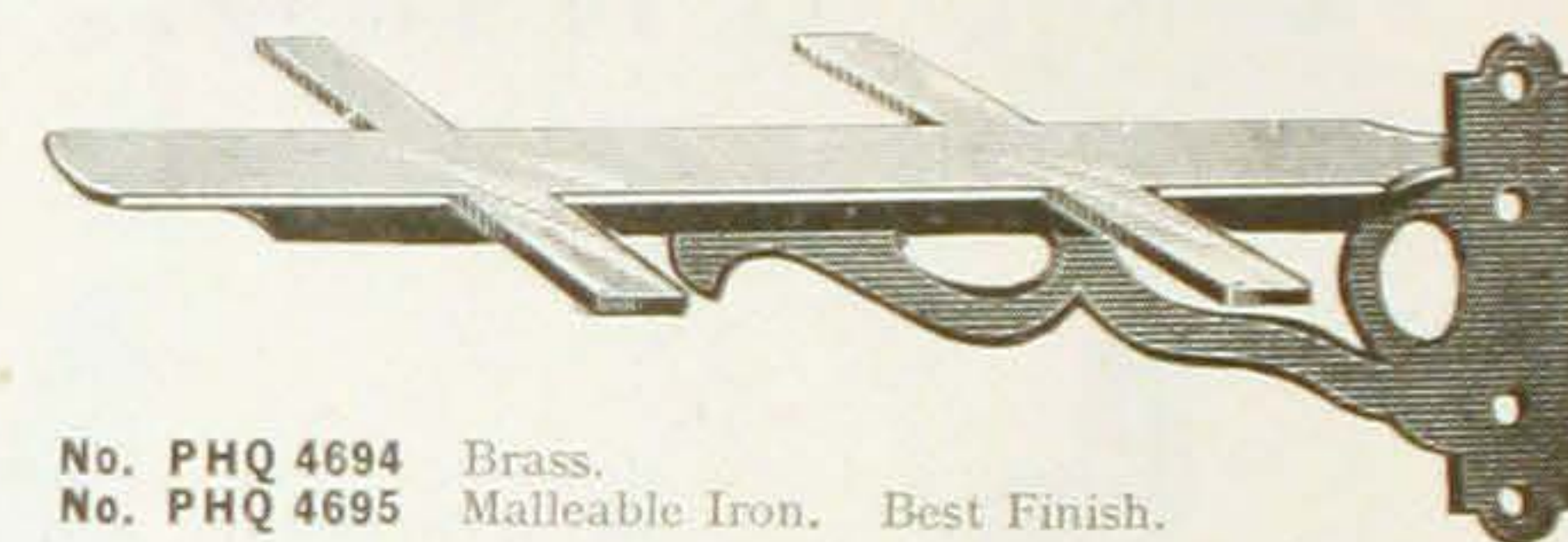
No. PHQ 4689 Brass.
No. PHQ 4691 Malleable Iron, Best Finish.

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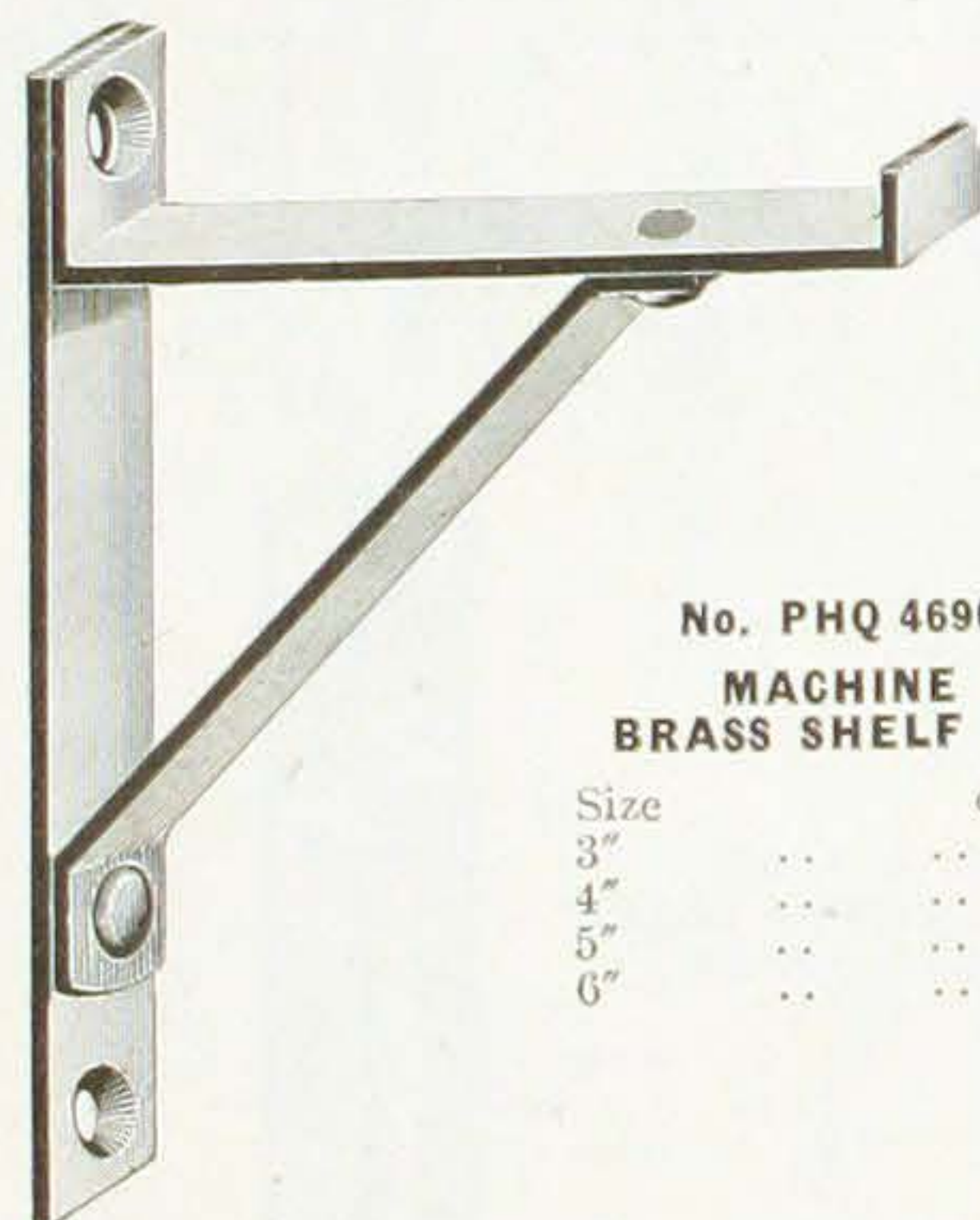
No. PHQ 4692 Brass.
No. PHQ 4693 Malleable Iron, Best Finish.

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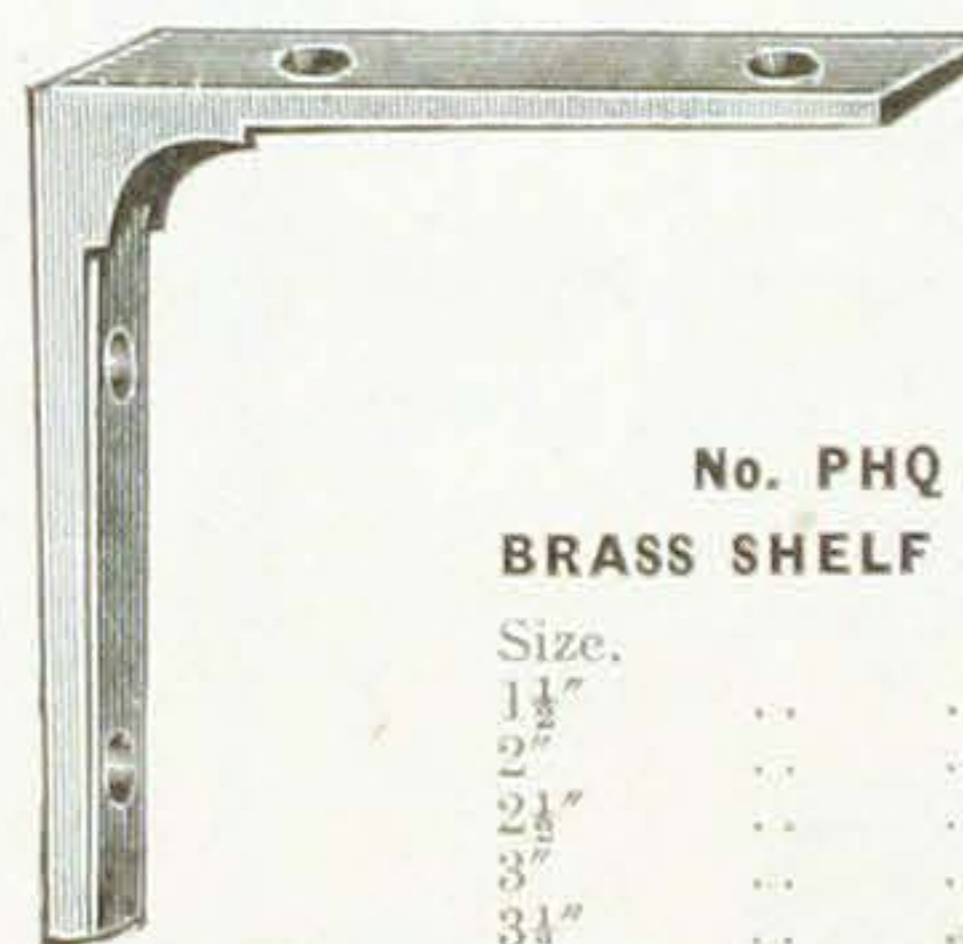
No. PHQ 4694 Brass.
No. PHQ 4695 Malleable Iron, Best Finish.

Size	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
No. PHQ 4689	17/6	20/3	26/3	33/—	39/10	51/8	58/9	72/3	88/6	114/9	142/9 per dozen.
No. PHQ 4691	—	18/6	23/9	28/—	35/6	45/6	51/9	62/3	76/8	89/3	97/3
No. PHQ 4692	14/6	20/3	25/6	36/—	43/9	53/—	61/9	78/9	—	—	—
No. PHQ 4693	13/3	18/6	22/9	31/6	38/6	46/—	54/—	67/6	82/3	—	—
No. PHQ 4694	—	26/3	39/6	47/3	53/—	68/9	76/3	84/—	92/—	143/6	150/6
No. PHQ 4695	—	24/2	34/8	41/8	46/6	59/6	67/—	73/6	78/9	108/6	114/9



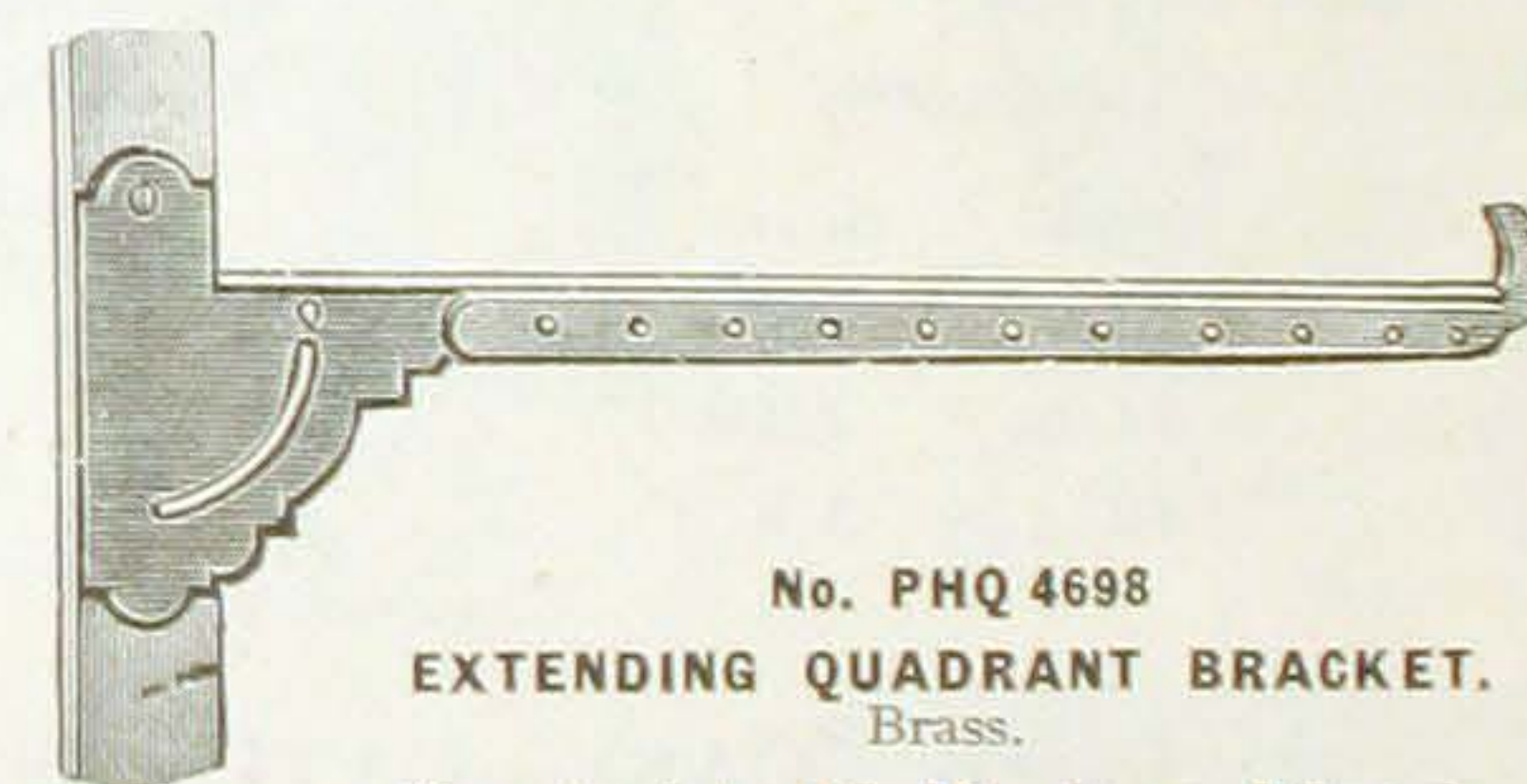
No. PHQ 4696
MACHINE MADE
BRASS SHELF BRACKET.

Size	dozen.	each.
3"	9/10	11d.
4"	11/2	1/1
5"	12/8	1/2
6"	14/—	1/3

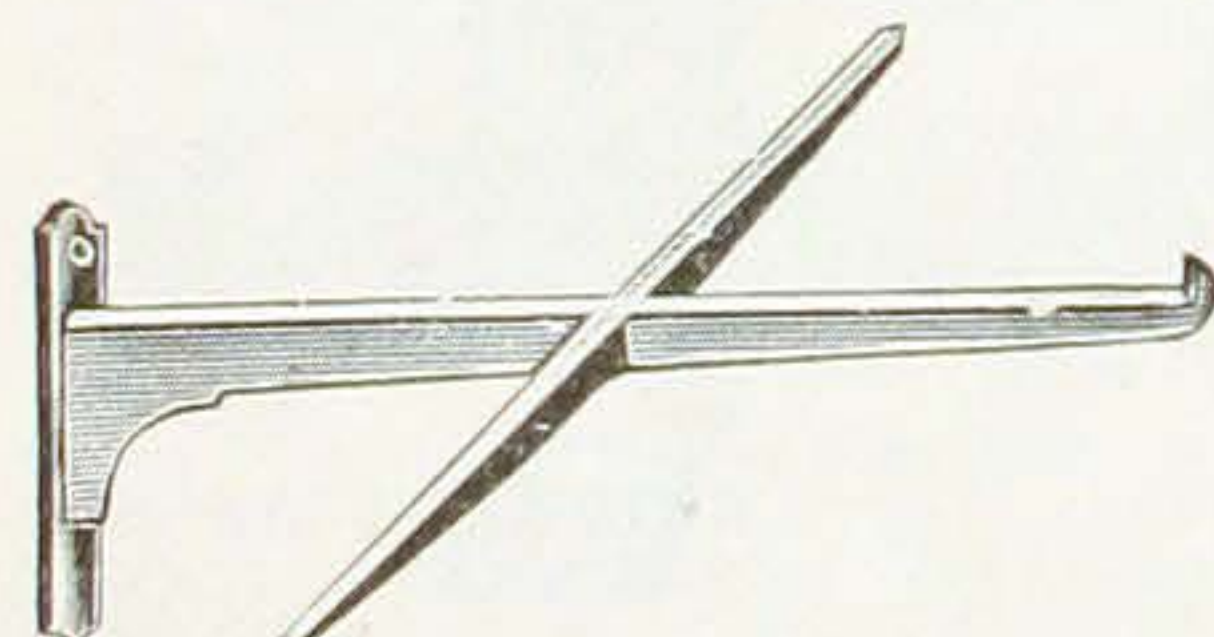


No. PHQ 4697
BRASS SHELF BRACKET.

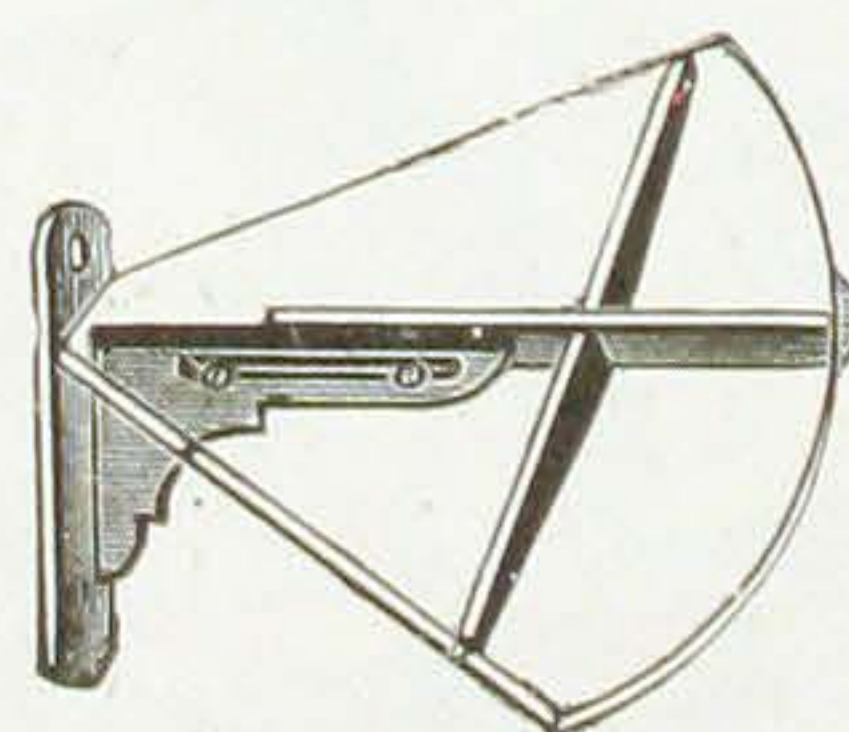
Size.	dozen.	each.
1 1/2"	5/8	7d.
2"	6/4	8d.
2 1/2"	8/6	10d.
3"	10/6	1/—
3 1/2"	14/—	1/3
4"	16/10	1/6
5"	21/—	1/10
6"	28/—	2/6



No. PHQ 4698
EXTENDING QUADRANT BRACKET.
Brass.
To extend to 16", 43/— dozen, 3/9 each.



No. PHQ 4699
CORNER BRACKET.
Brass.
Size .. 6" 8" 10" 12"
30/9 34/3 37/9 44/9 dozen
2/8 3/— 3/3 3/10 each.



No. PHQ 4710
EXTENDING CORNER BRACKET.
Size .. 8" to 10" 10" to 13"
32/— 43/— dozen.
2/10 3/9 each.



No. PHS 4675 GLASS SHELF AND BRACKETS.
Shelf Brackets. Plate Glass Nickel Plated. White. Opal Glass Nickel Plated. White. Opal Glass White.
24" x 5" x 1/4" .. 19/3 19/3 28/— 28/— complete.
30" x 5" x 1/4" .. 22/— 22/— 31/6 31/6
36" x 5" x 1/4" .. 24/6 24/6 35/— 35/—



No. PHS 4676
BRACKET ONLY.
For 5" Shelf.
White .. 8/9 pair.
Nickel Plated 8/9
Polished Aluminium 5/9



No. PHS 4677
BRACKET ONLY.
Size 4" 5" 6" 7" 8"
White 5/3 5/3 6/8 8/4 10/1
N.P. 4/10 5/3 6/2 7/6 9/3
Polished Aluminium 4/— 4/— 5/3 6/8 8/4 pair.



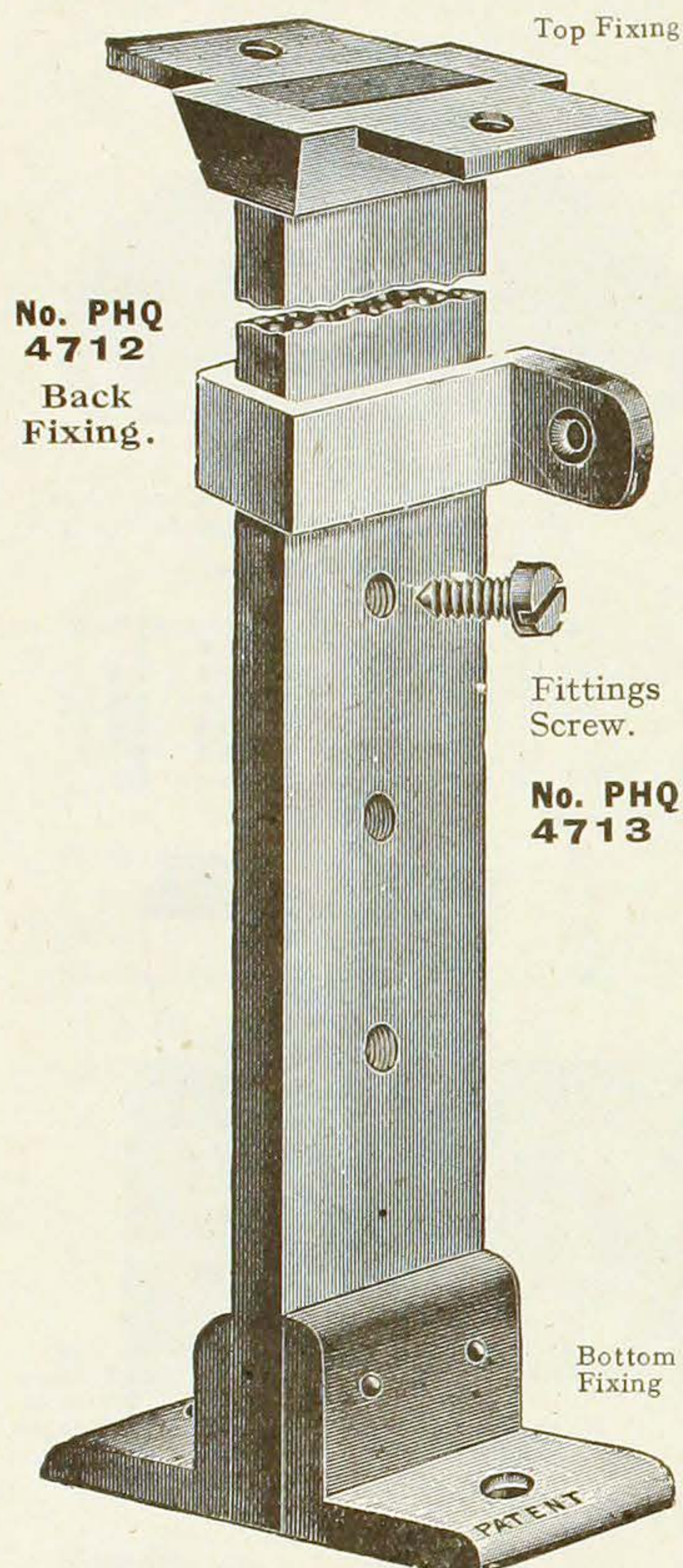
No. PHS 4678
As No. PHS 4677 but
with Side Lugs.
Price 1/— extra per pair,
to No. PHS 4677



No. PHS 4679 Polished and Rounded Glass Shelf with Brackets.
Brackets Shelf. White Plate Glass. White Opal Glass. Nickel Plated. Plate Glass. Opal Glass. Aluminium Plate Glass.
24" x 5" x 1/4" .. 14/— 17/6 14/— 17/6 12/3 complete.
30" x 5" x 1/4" .. 15/9 20/3 15/9 20/3 14/—
36" x 5" x 1/4" .. 17/6 22/9 17/6 22/9 15/9
24" x 6" x 1/4" .. 15/9 21/— 15/9 21/— 14/—
30" x 6" x 1/4" .. 17/6 23/8 17/6 23/8 15/9
36" x 6" x 1/4" .. 19/3 26/3 19/3 26/3 17/6
Extra for Brackets as No. PHS 4678 .. 1/— each.

STEEL STANDARD BAR.

(Drilled and Tapped every one inch)



No. PHQ 4711

Steel Standard Bar, Top and Bottom Fixing included.

Size $1\frac{1}{4} \times \frac{1}{4}$ $1\frac{1}{2} \times \frac{1}{4}$ $1\frac{3}{4} \times \frac{3}{8}$ $1\frac{1}{2} \times \frac{3}{8}$
9d. 11d. 1/1 1/8
per foot.

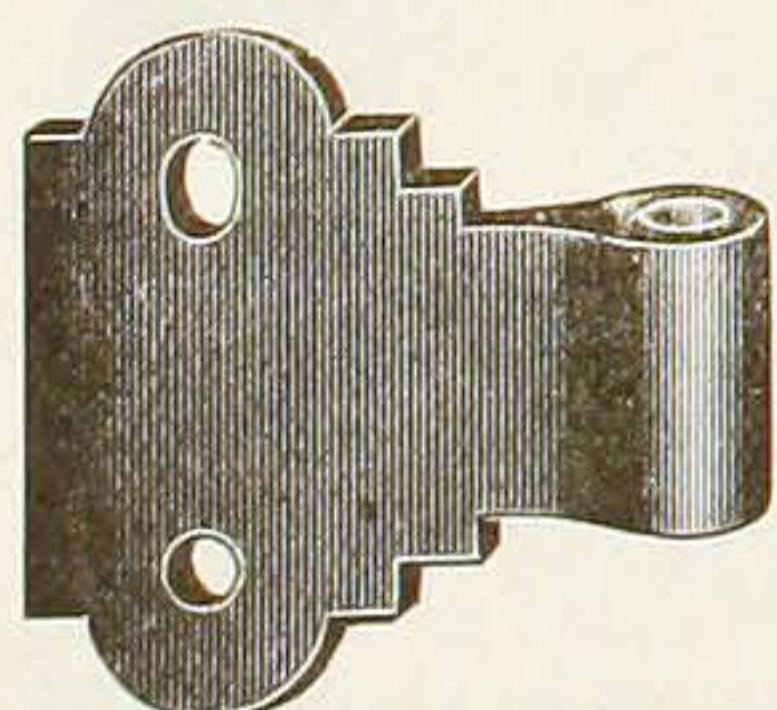
No. PHQ 4712

Back fixings for above.

Size $1\frac{1}{4} \times \frac{1}{4}$ $1\frac{1}{2} \times \frac{1}{4}$ $1\frac{3}{4} \times \frac{3}{8}$ $1\frac{1}{2} \times \frac{3}{8}$
5/3 5/3 6/2 6/2
per dozen.

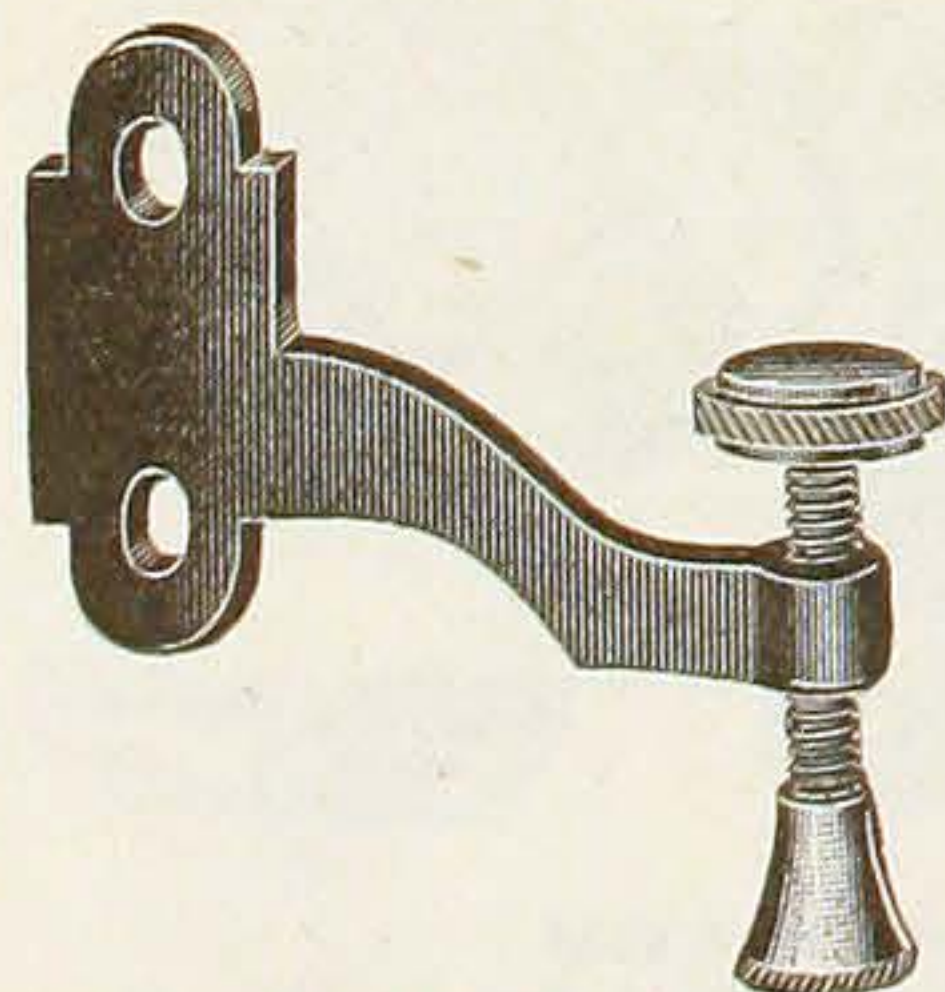
No. PHQ 4713 Fittings Screws.
5/3 gross, 7d. dozen.

STANDARD BAR SOCKET.
For $\frac{1}{4}$ Rods.



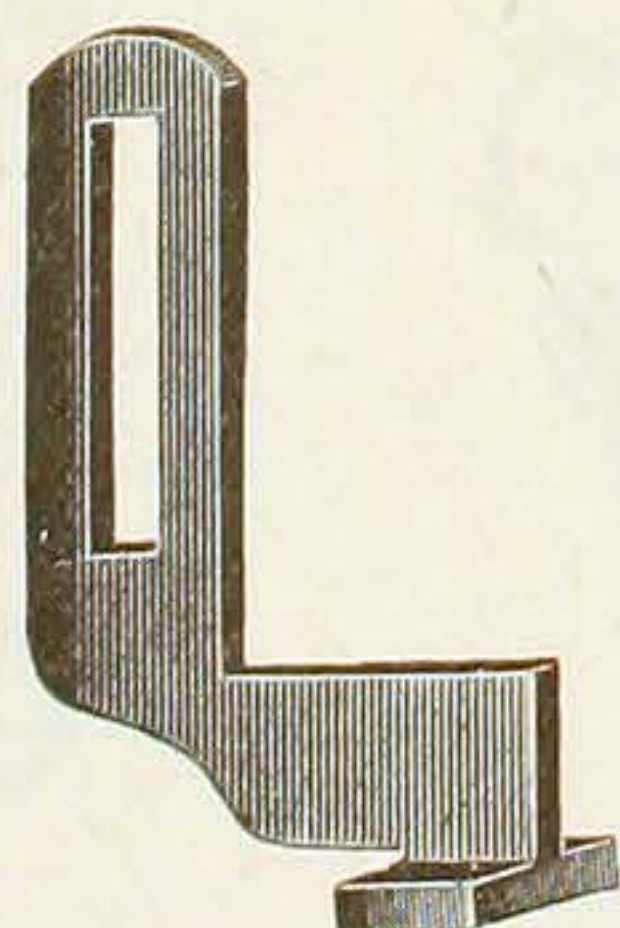
No. PHQ 4719

10/2 per dozen, 1/- each.



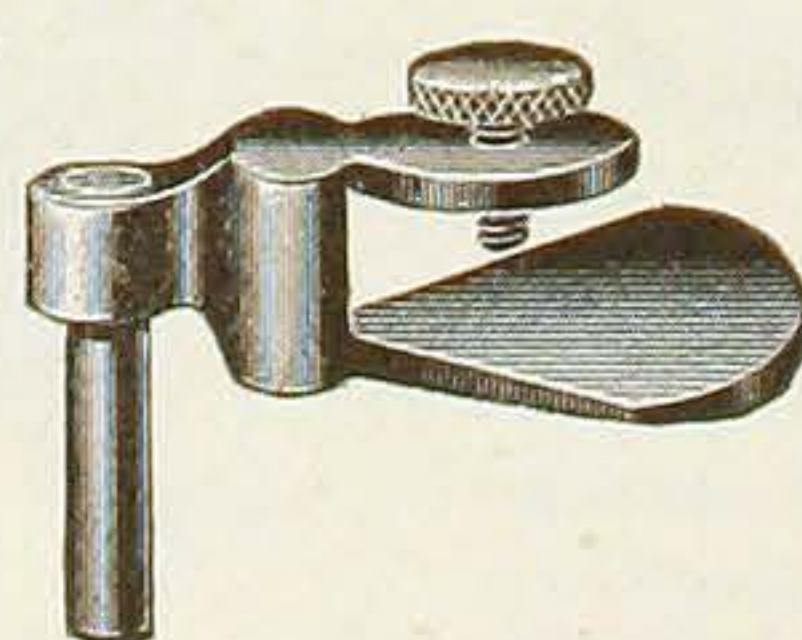
No. PHQ 4722

With Adjustable Screw.
17/2 per dozen, 1/7 each.



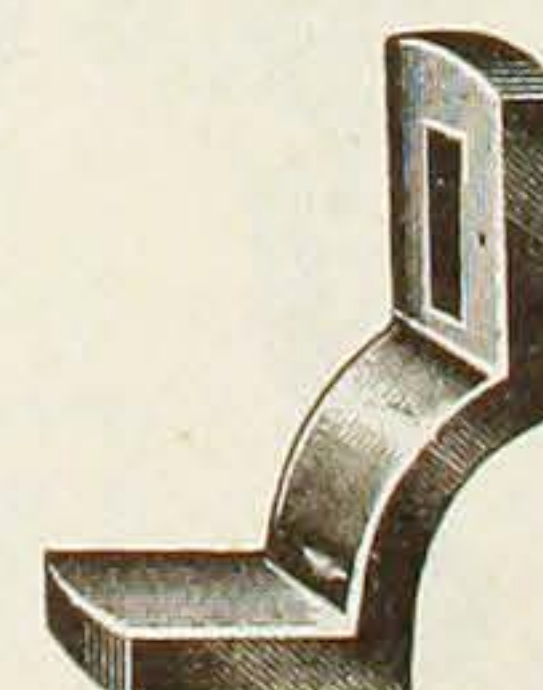
No. PHQ 4723

8/- per dozen, 10d. each.



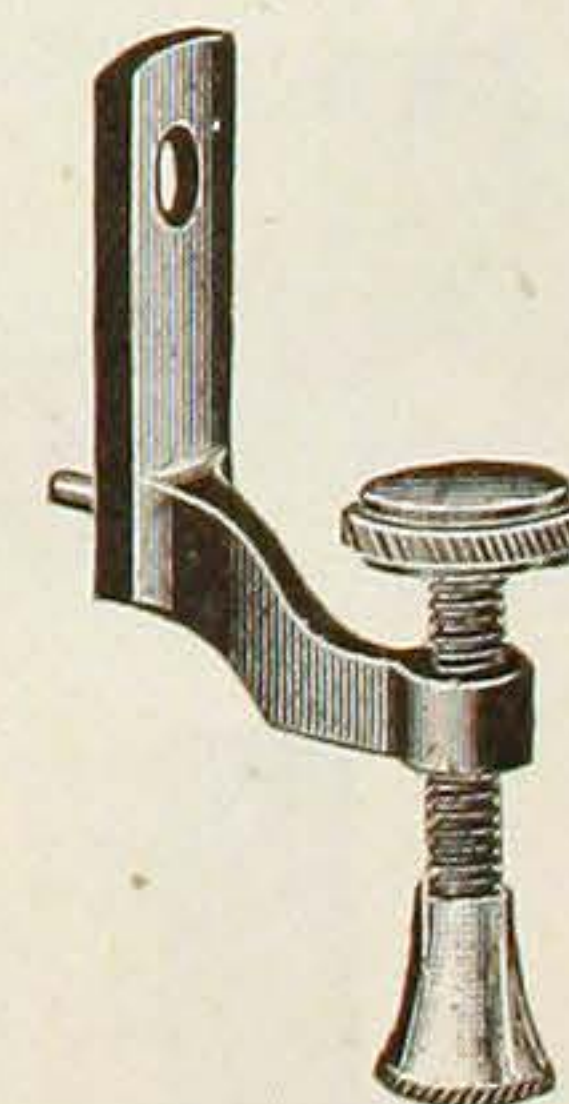
No. PHQ 4724

12/9 per dozen, 1/2 each.



No. PHQ 4725

7/6 per dozen, 9d. each.

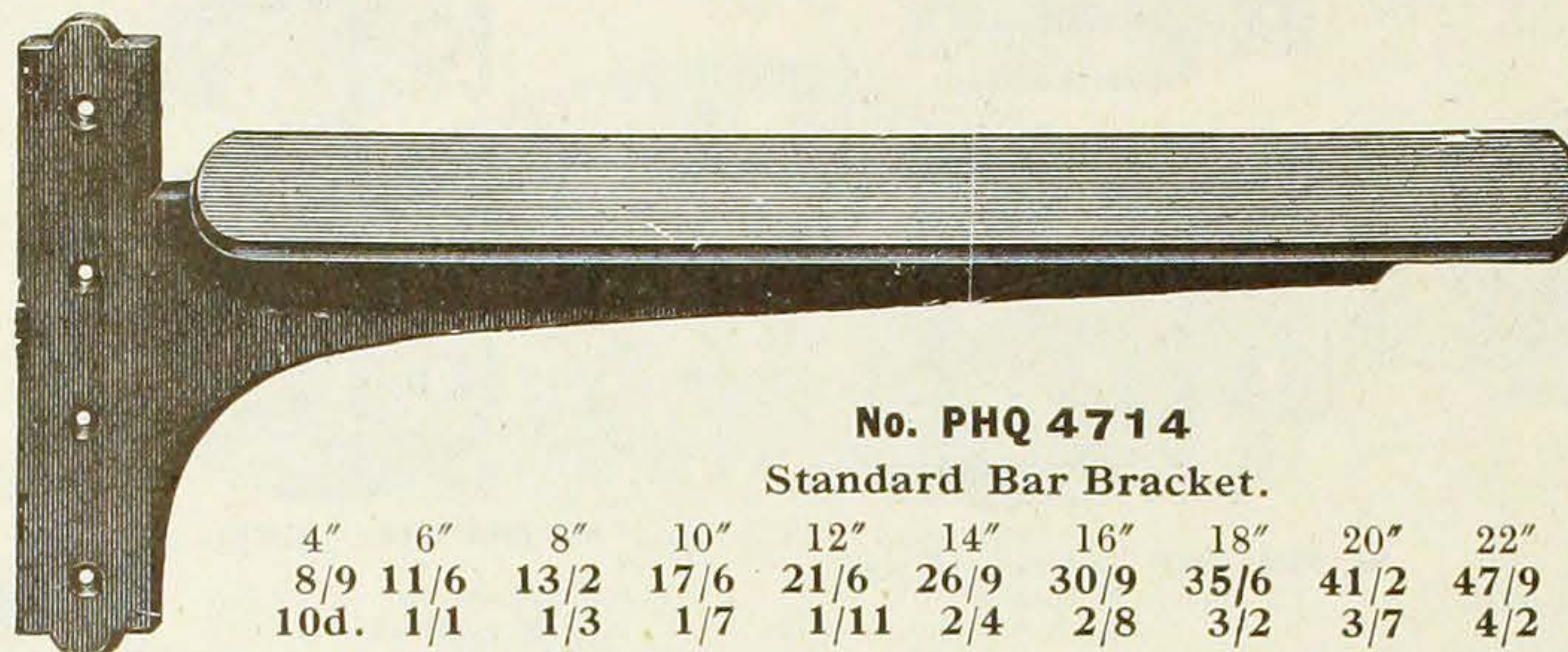


No. PHQ 4726

With Adjustable Screw.
16/3 per dozen, 1/6 each.

Shop Window Fittings.

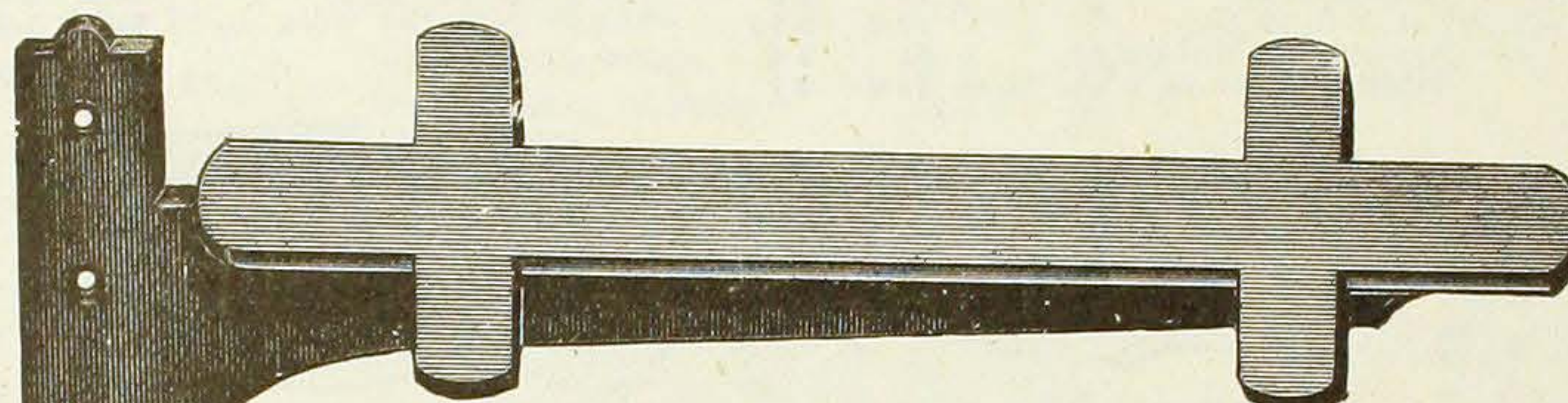
CAST IRON BRACKETS.



No. PHQ 4714

Standard Bar Bracket.

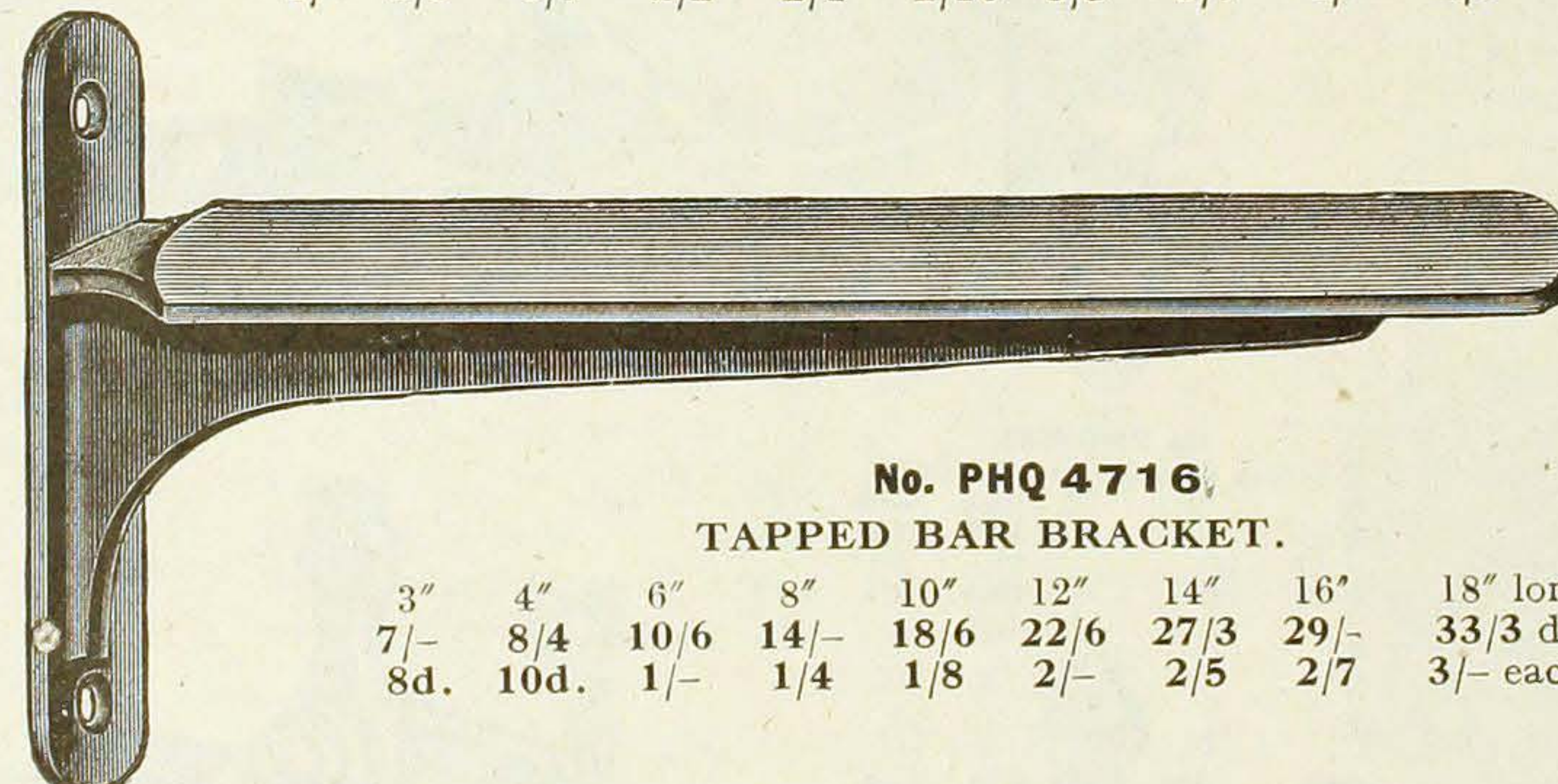
4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24" long.
8/9	11/6	13/2	17/6	21/6	26/9	30/9	35/6	41/2	47/9	52/6 doz.
10d.	1/1	1/3	1/7	1/11	2/4	2/8	3/2	3/7	4/2	4/6 each.



No. PHQ 4715

Standard Bar Bracket. Strapped.

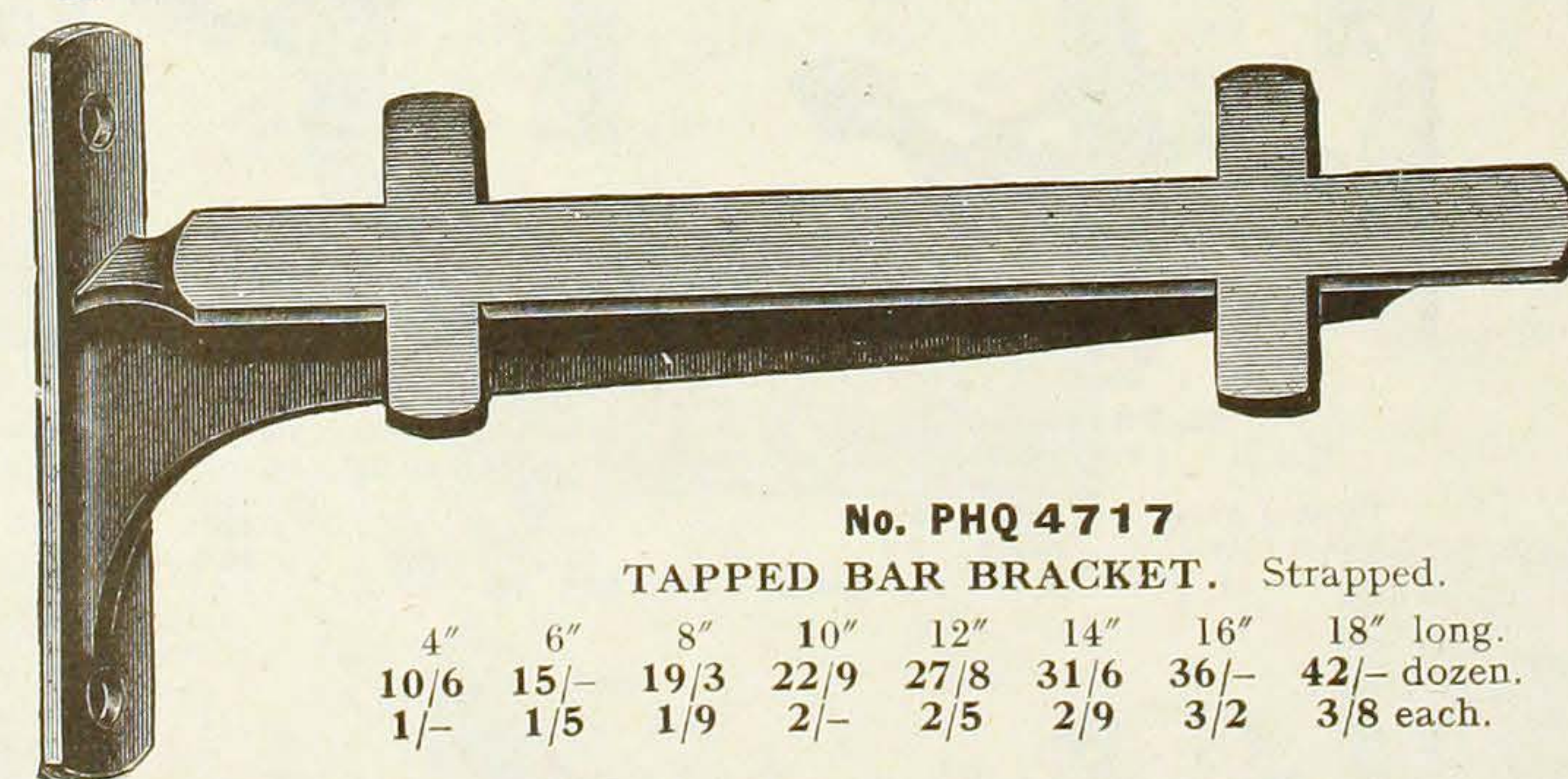
4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24" long.
10/2	15/4	17/6	23/8	25/6	32/10	39/-	43/9	45/6	49/-	54/3 doz.
1/-	1/5	1/7	2/2	2/4	2/10	3/5	3/9	4/-	4/3	4/8 each.



No. PHQ 4716

TAPPED BAR BRACKET.

3"	4"	6"	8"	10"	12"	14"	16"	18" long.
7/-	8/4	10/6	14/-	18/6	22/6	27/3	29/-	33/3 dozen.
8d.	10d.	1/-	1/4	1/8	2/-	2/5	2/7	3/- each.



No. PHQ 4717

TAPPED BAR BRACKET. Strapped.

4"	6"	8"	10"	12"	14"	16"	18" long.
10/6	15/-	19/3	22/9	27/8	31/6	36/-	42/- dozen.
1/-	1/5	1/9	2/-	2/5	2/9	3/2	3/8 each.

STANDARD AND TAPPED BAR CLIPS.

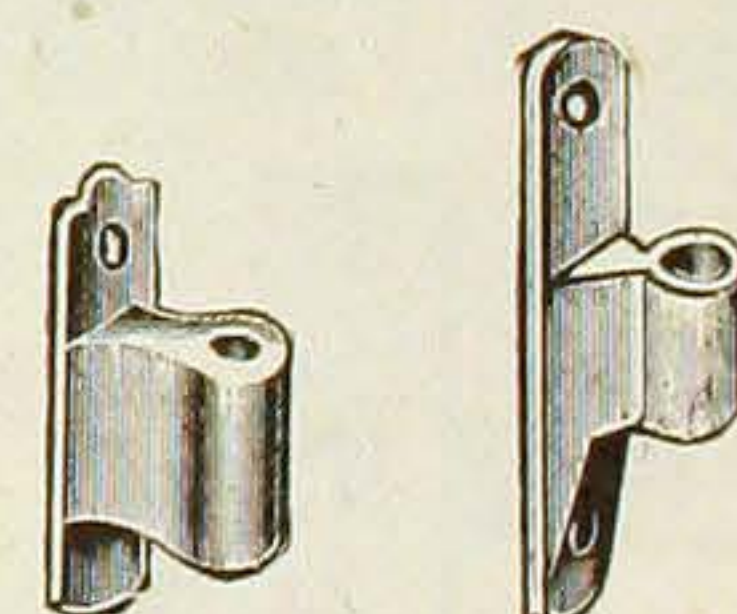
STEEL
TAPPED BAR.



No. PHQ 4718

Sizes, $\frac{3}{8} \times \frac{3}{16}$ and $\frac{1}{2} \times \frac{3}{16}$
Steel 5d. 6d. foot.
Brass 11d. 1/1 "

TAPPED BAR
SOCKETS.
For $\frac{1}{4}$ dia. Pegs.



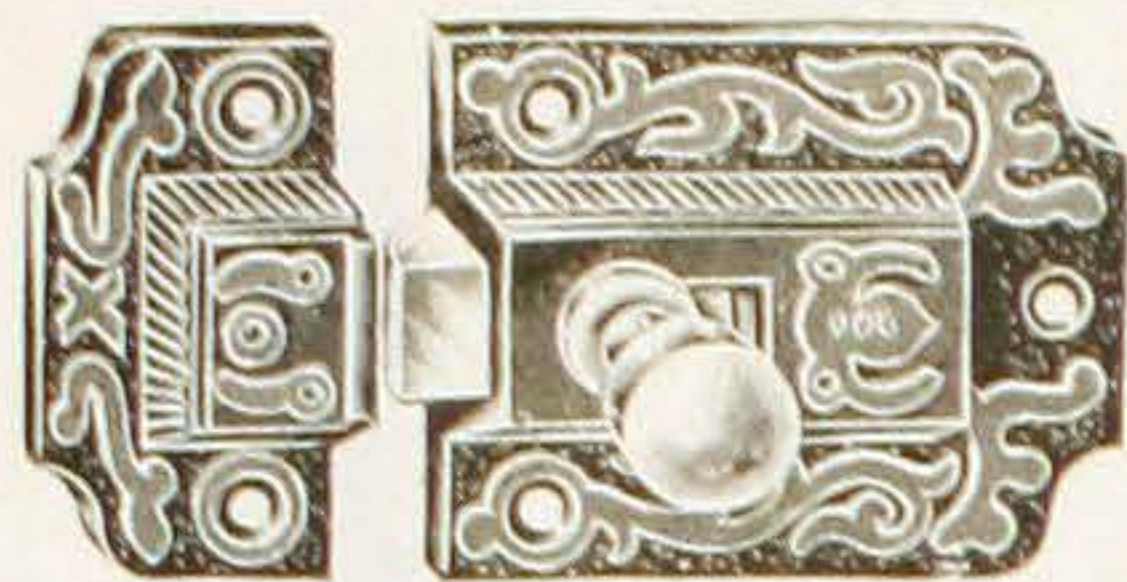
Single or Double.

No. PHQ 4720 No. PHQ 4721

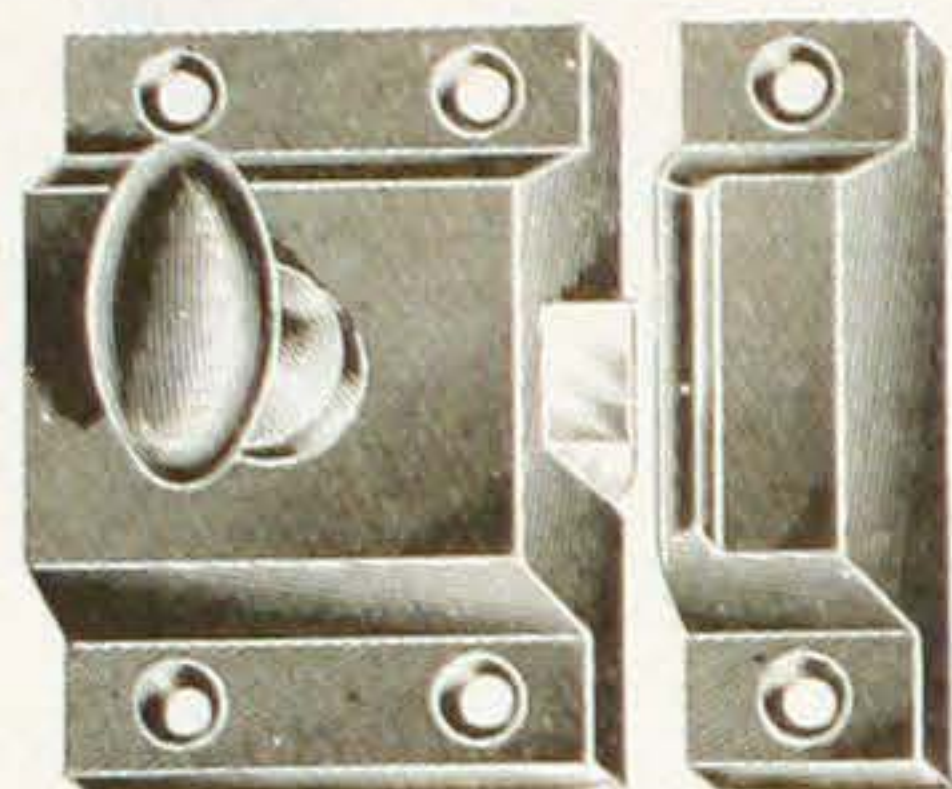
Light. Strong.

Single	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "
4/6	5/3	6/2	dz.
5d.	6d.	7d.	ea.
Double	$\frac{1}{4}$ "	$\frac{1}{2}$ "	$\frac{3}{8}$ "
6/8	9/3	12/3	dz.
8d.	11d.	1/2	ea.

Showcase and Window Catches.

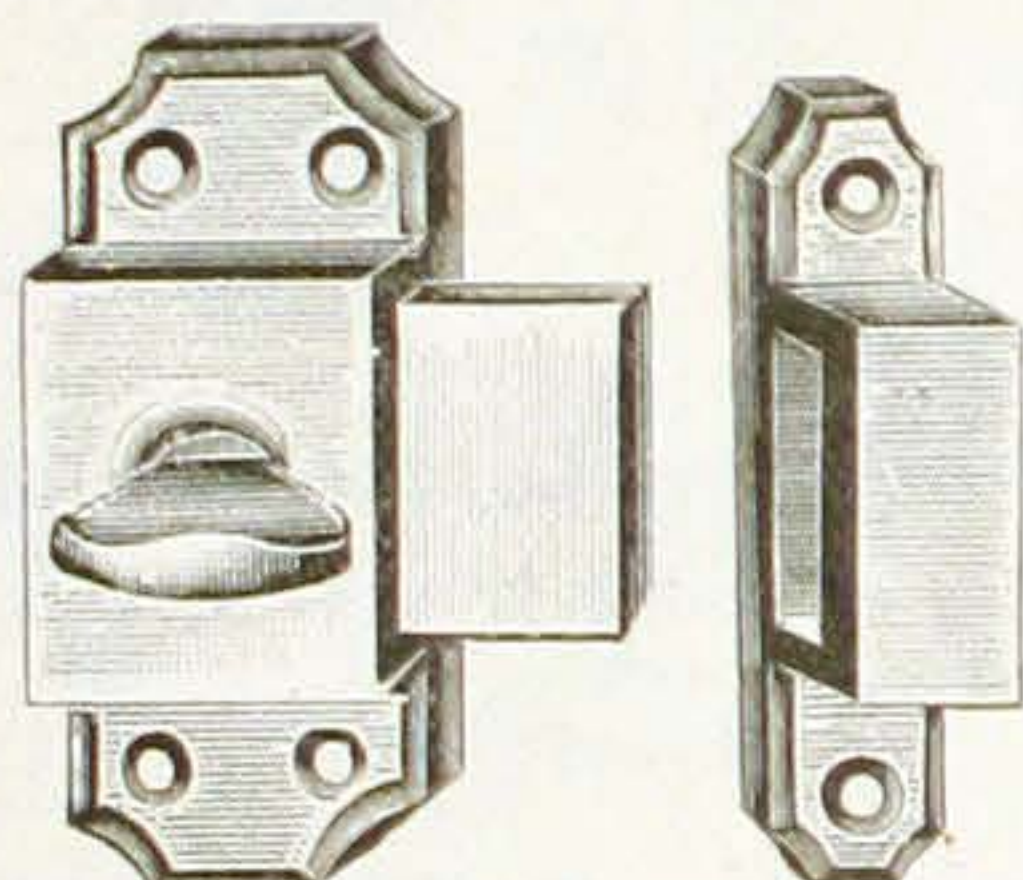


No. PHS 4213 Relief Bronzed. Brass Knob.
Large, 3" x 1 1/2" .. 5/3 dozen.
Small, 1 1/2" x 1 1/2" .. 4/6 "

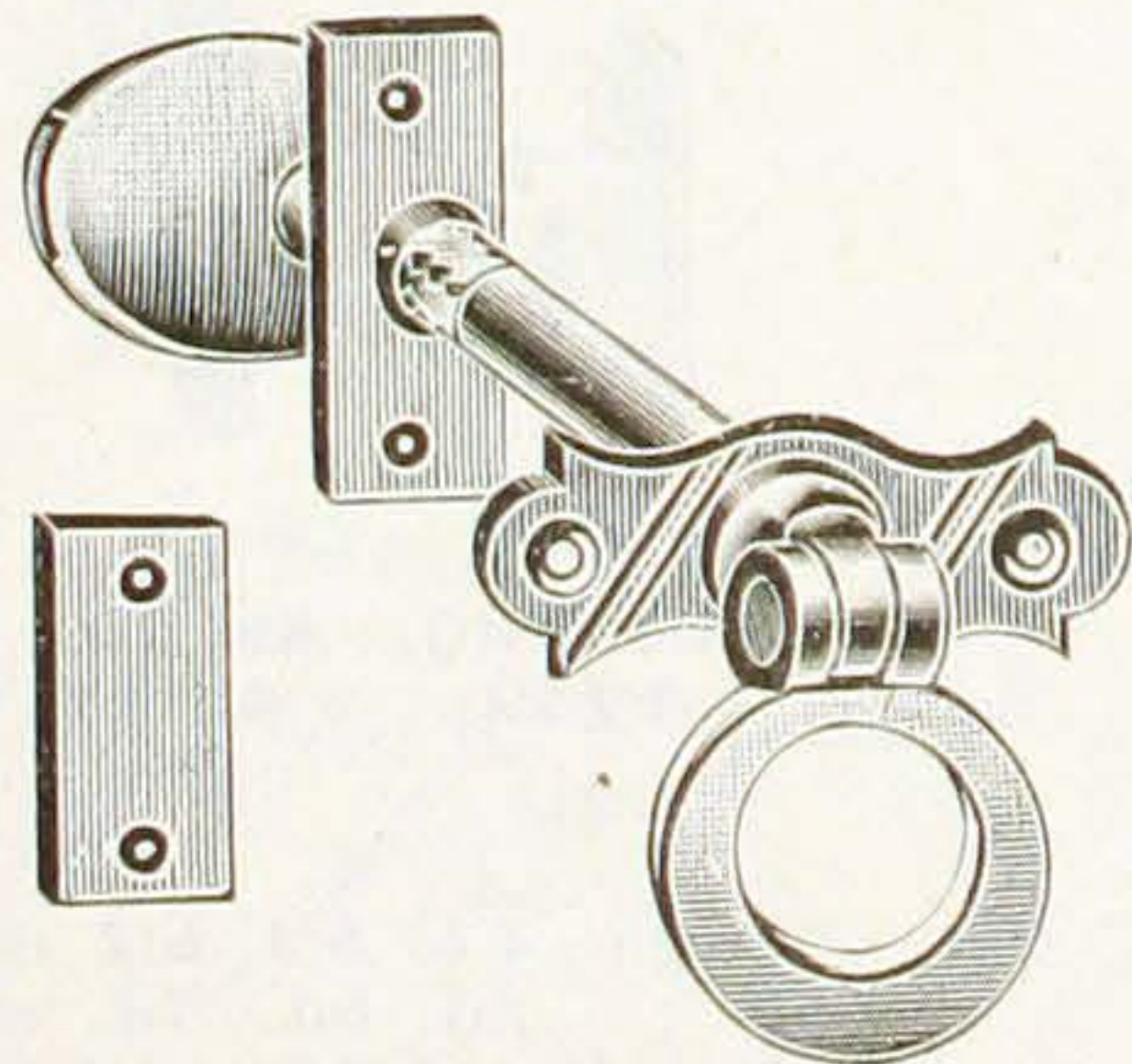


No. PHS 4210
Malleable with Oval or Ball Knob.
Art Black .. 8/- dozen, 9d. each.
C. B. & R. on Iron 9/9 " 11d. "

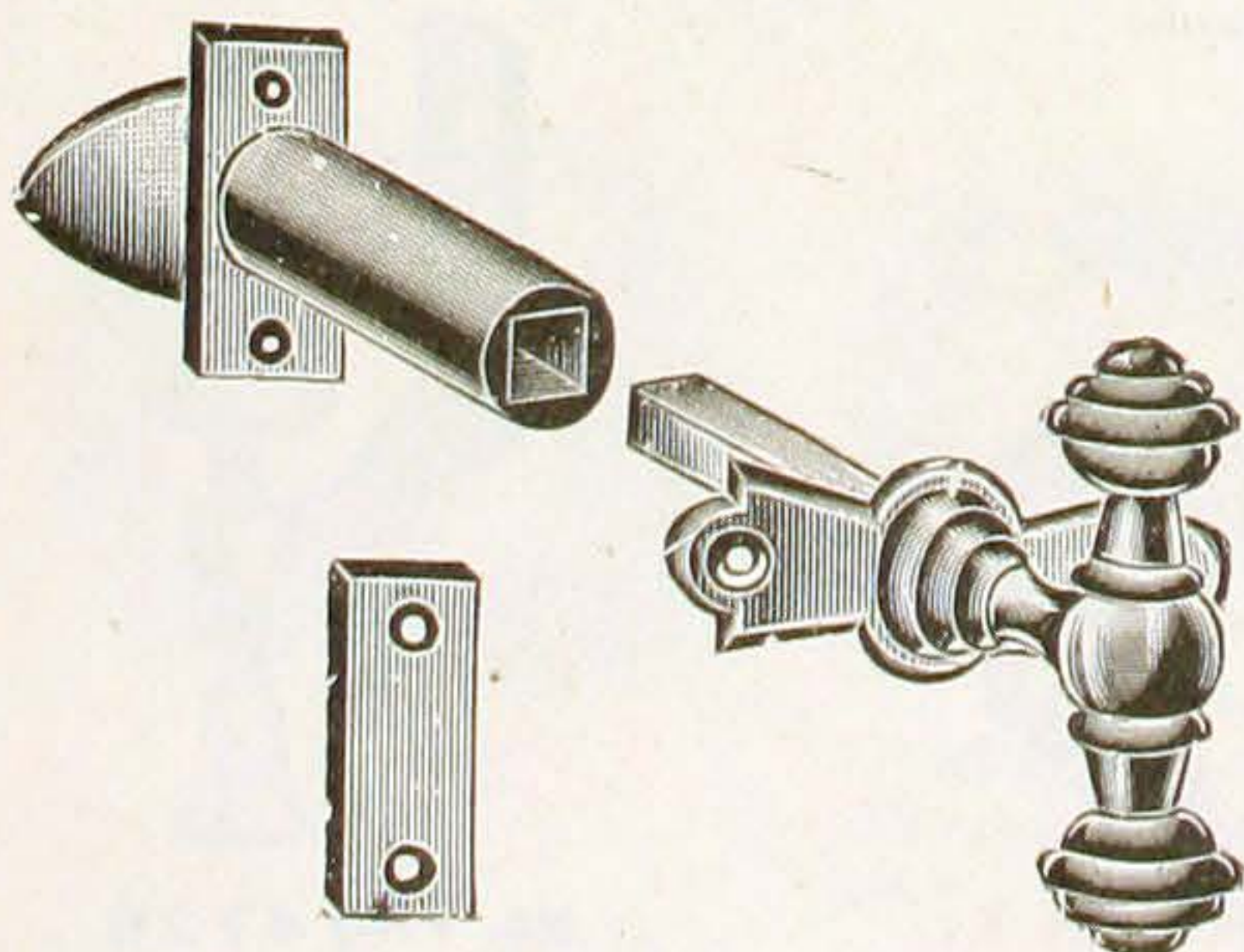
No. PHS 4228
All Steel, Oval Knob, Solid Brass Bolt.
2" x 1 1/2" .. dozen, each.
C. B. & R. on Steel .. 9/6 11d.
Polished Brass .. 16/- 1/6
C. B. & R. on Brass .. 18/6 1/8
Bronze Metal Antique .. 20/3 1/10
Oxidized Silver on Brass .. 20/3 1/10



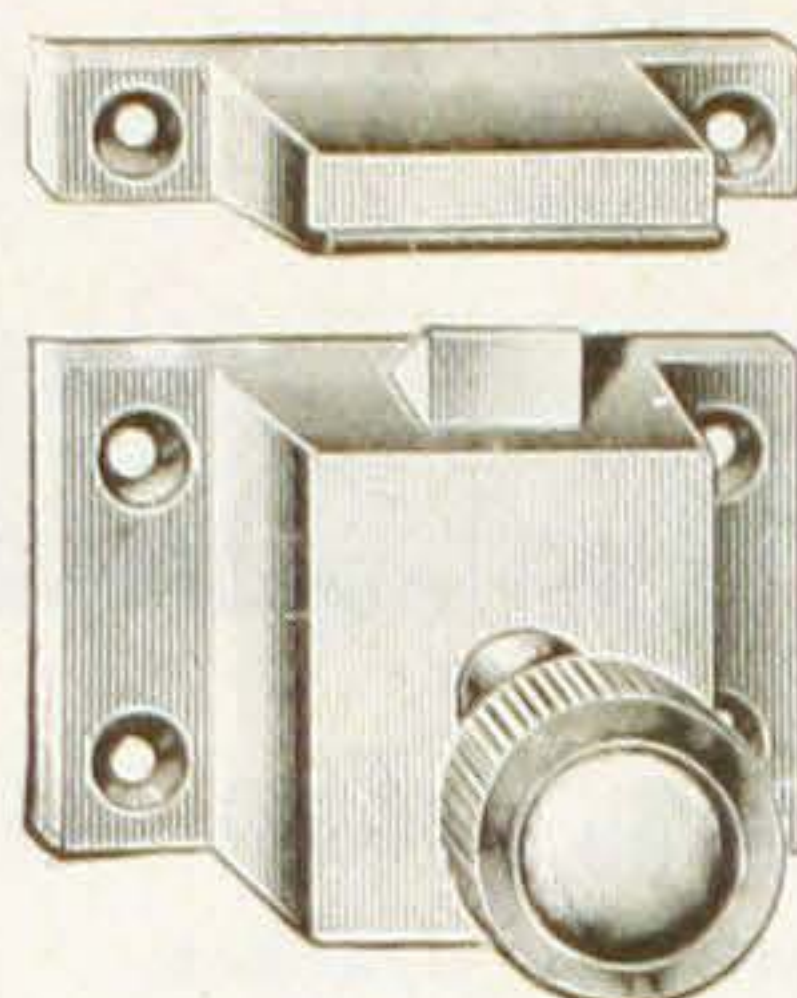
No. PHS 4586 Polished Brass.
Size 2 1/4" x 1 1/2" .. 2 1/2" x 1"
34/8 37/9 dozen.
3/- 3/3 each.



No. PHS 2749 Illustration half-size.
Polished Brass .. 45/3 dozen. 3/11 each.
Nickel Plated .. 48/3 " 4/2 "



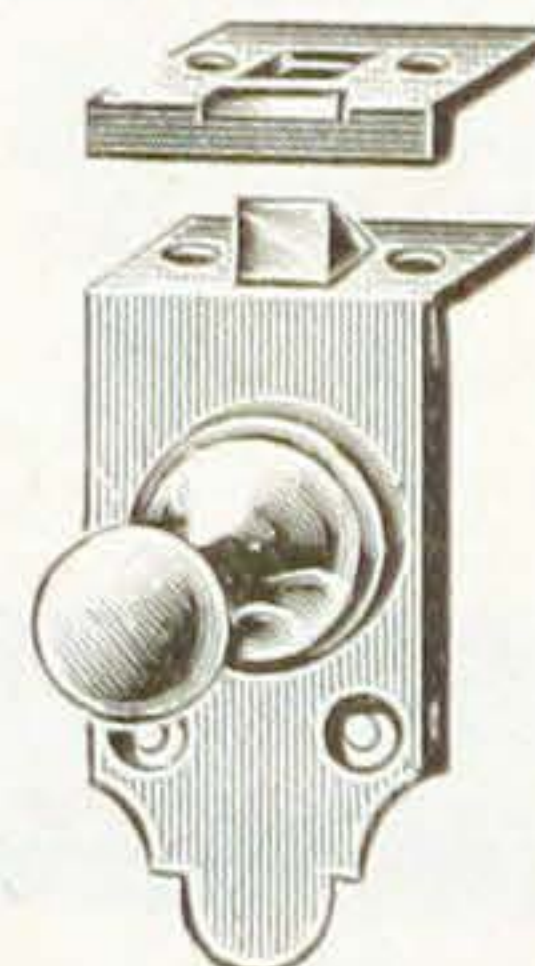
No. PHO 2748 Illustration half-size.
Polished Brass .. 45/9 dozen. 3/11 each.
Nickel Plated .. 49/- " 4/3 "



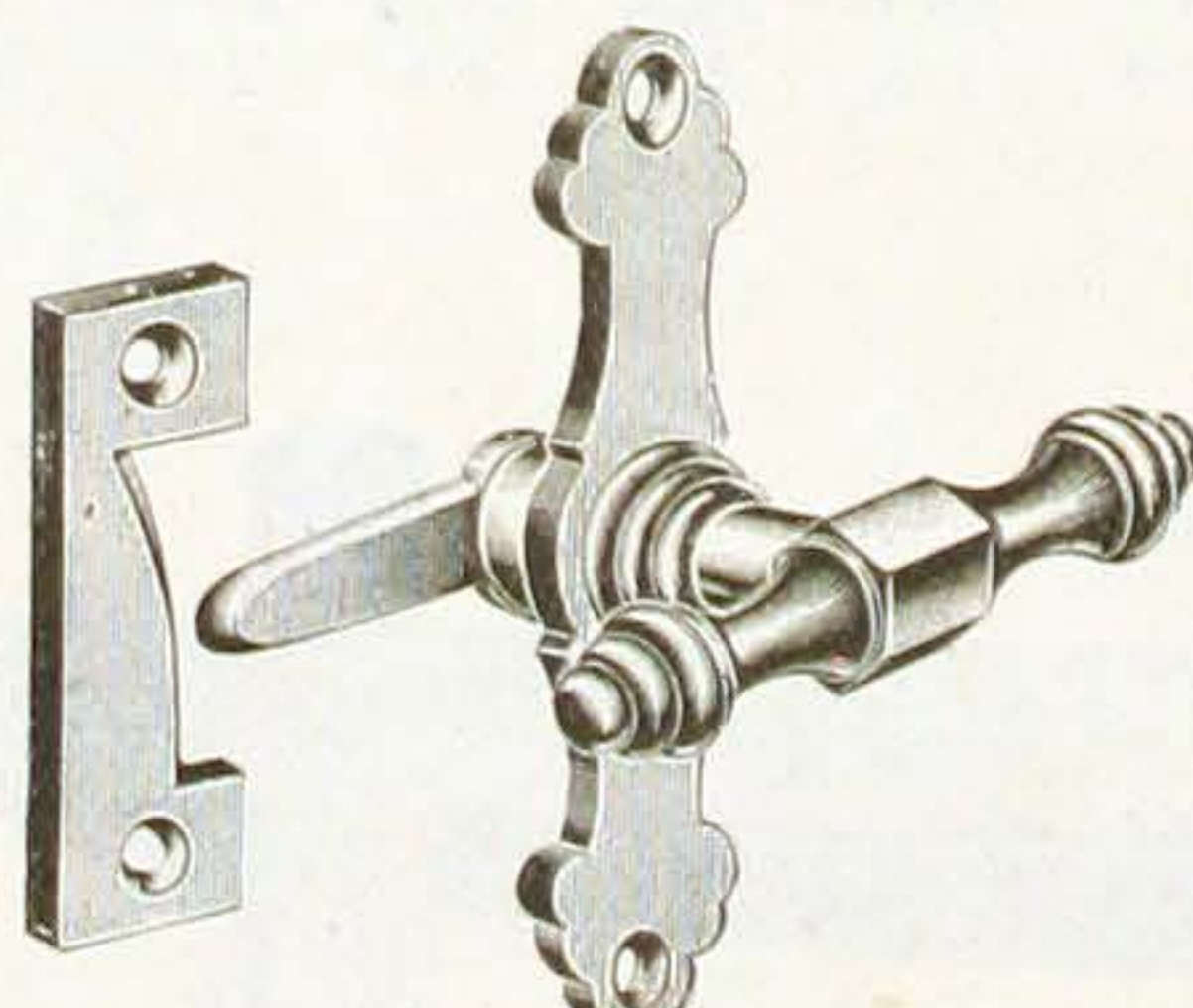
No. PHS 4217 Size 2 1/2" x 1 1/2" x 1/2"
Knob to turn.
dozen, each.
Polished Brass .. 28/- 2/6
C. B. & R. on Brass .. 32/3 2/10
Bronze Metal Antique .. 35/- 3/2
Oxidized Silver on White Metal 52/6 4/7



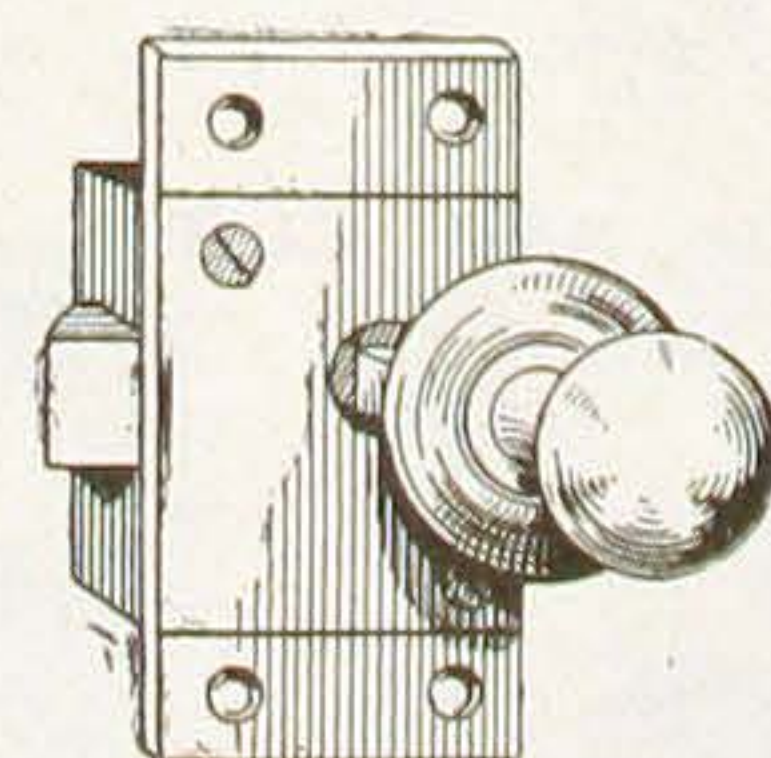
No. PHO 4232 2 1/2" x 7/8" x 1/2"
Brass .. 26/9 dozen, 2/4 each.
Nickel Plated .. 29/9 " 2/7 "



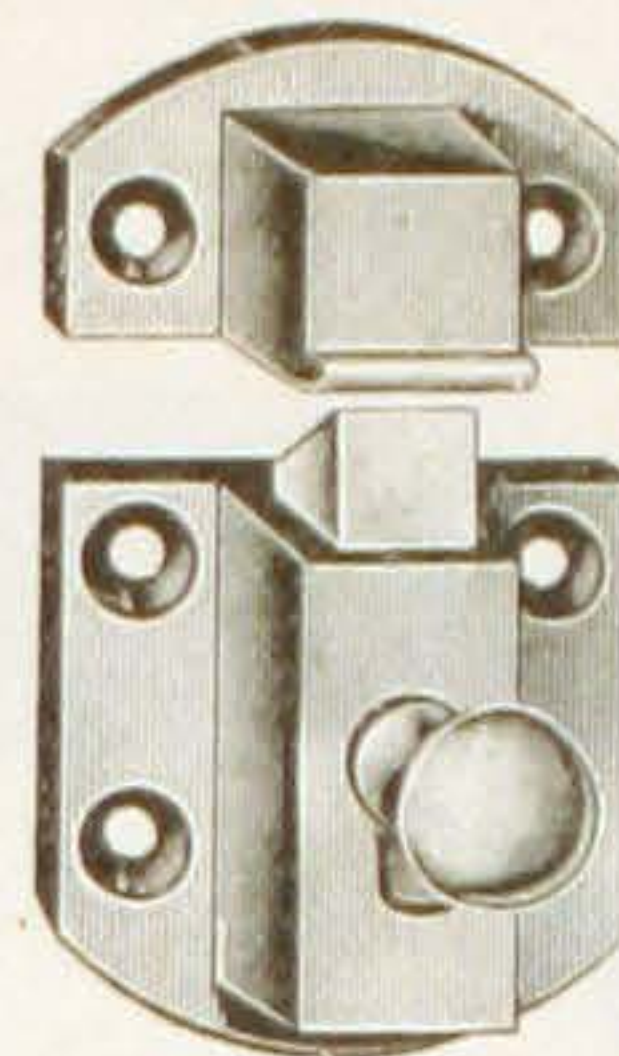
No. PHO 4587
Spring Action. Sanded Brass.
dozen, each.
Size 2" x 1" .. 18/6 1/8
" 2 1/2" x 1 1/2" .. 21/- 1/11
" 2 1/2" x 1 1/4" .. 23/3 2/2



No. PHO 4589
Size 2 1/2". Rivetted Tongue.
dozen, each.
Polished Brass .. 25/3 2/2
Nickel Plated .. 27/9 2/5



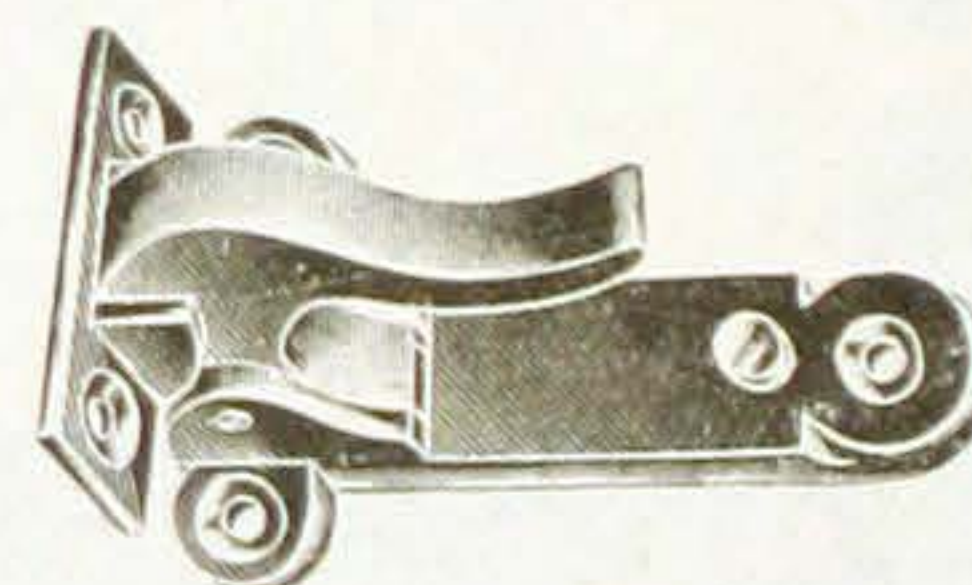
No. PHS 7035
SPRING CUPBOARD CATCH.
3" Brass. Fitting inside Cup-
boards, with 1" B.M.A. Round
Knob.
50/- dozen sets. 4/3 each set.



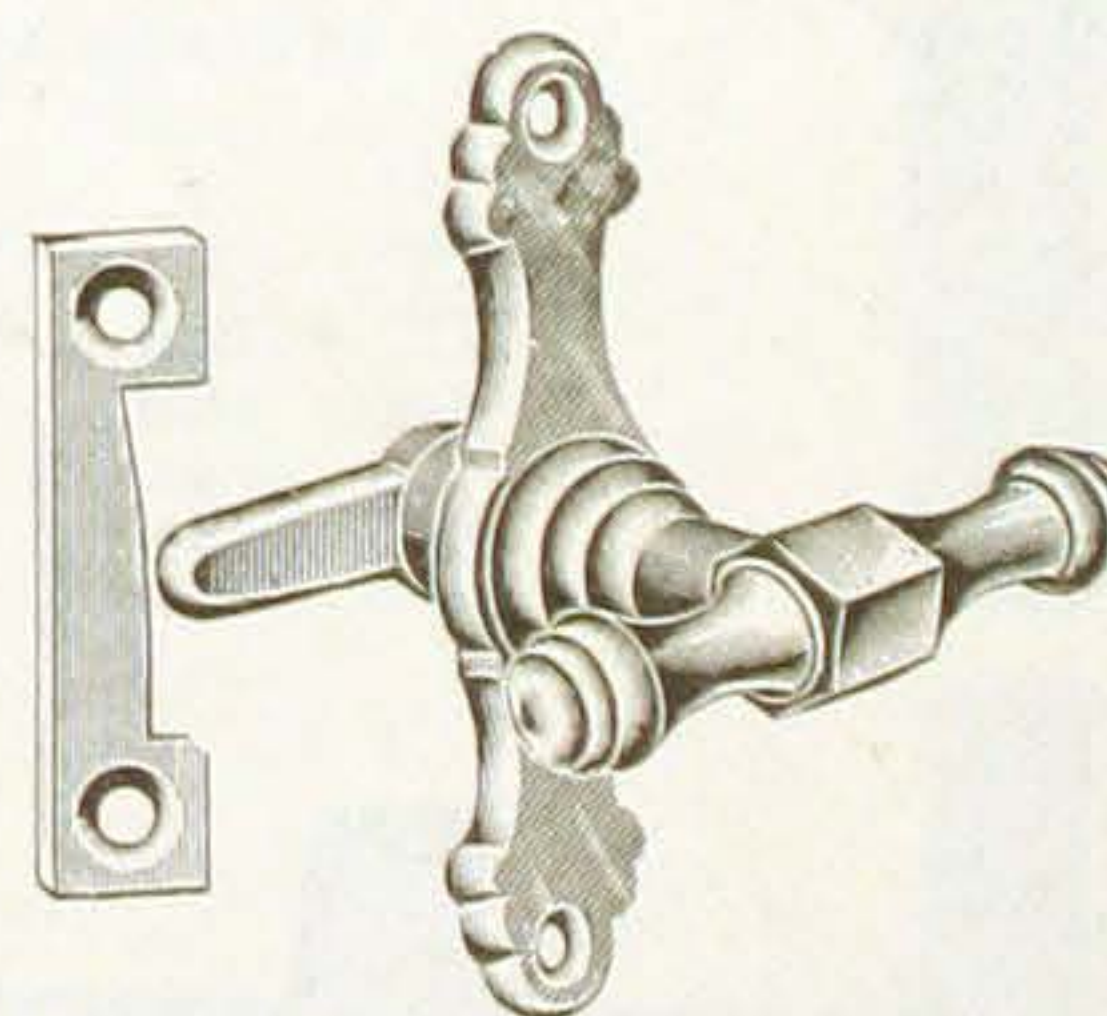
No. PHS 4216 Size 1 1/2" x 1 1/2"
dozen, each.
Polished Brass .. 20/3 1/10
C. B. & R. on Brass .. 23/8 2/2
Bronze Metal Antique .. 26/3 2/4
Oxidized Silver on White Metal 43/9 3/9



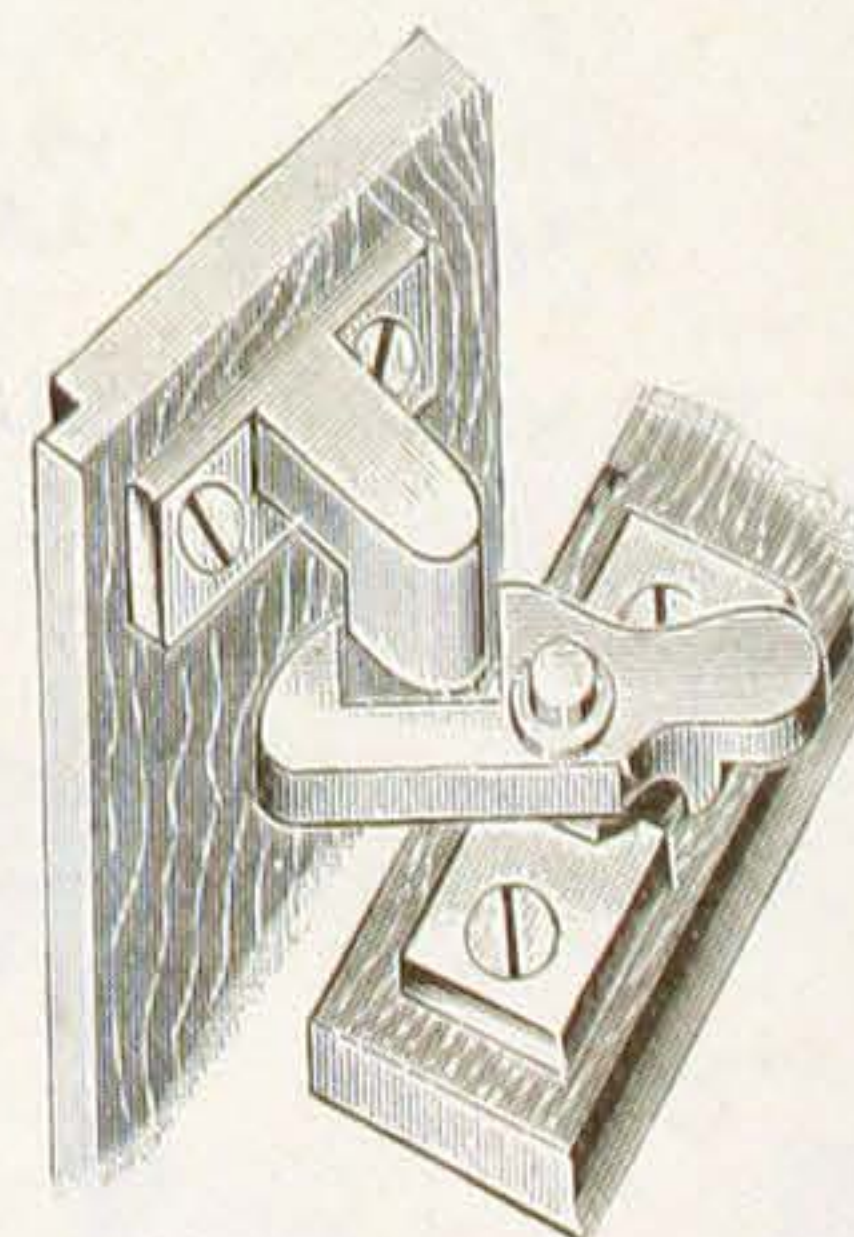
No. PHS 4233
Size .. 2" x 1 1/2" 2 1/2" x 1 1/2"
Polished Brass .. 25/3 26/9 dozen.
2/3 2/4 each.
Nickel Plated .. 27/6 29/9 dozen.
2/5 2/7 each.



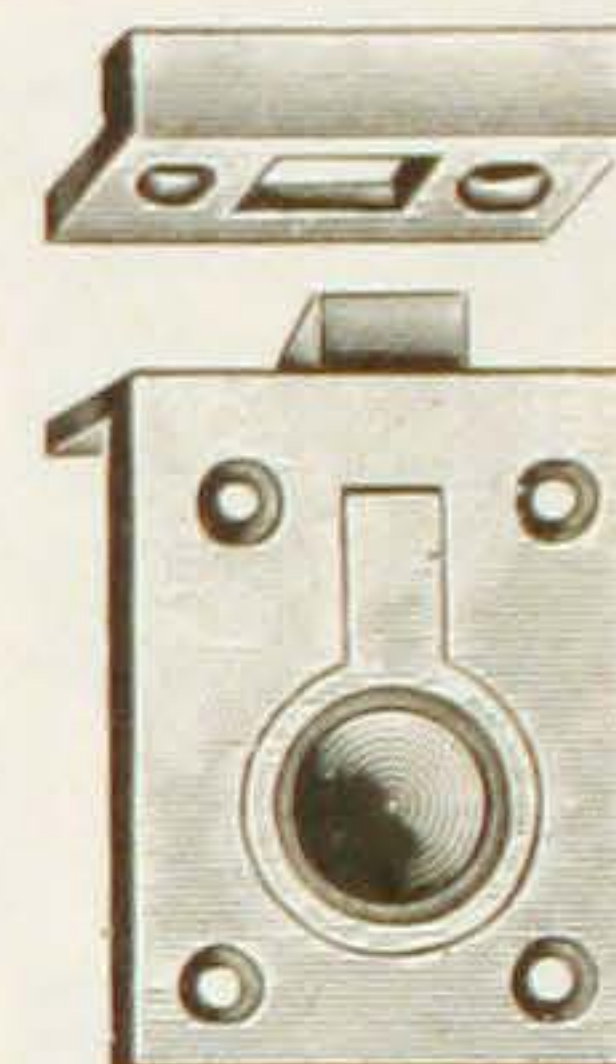
No. PHS 4214
Steel Spring. Brown Varnished.
43/9 gross; 3/9 dozen; 4d. each.



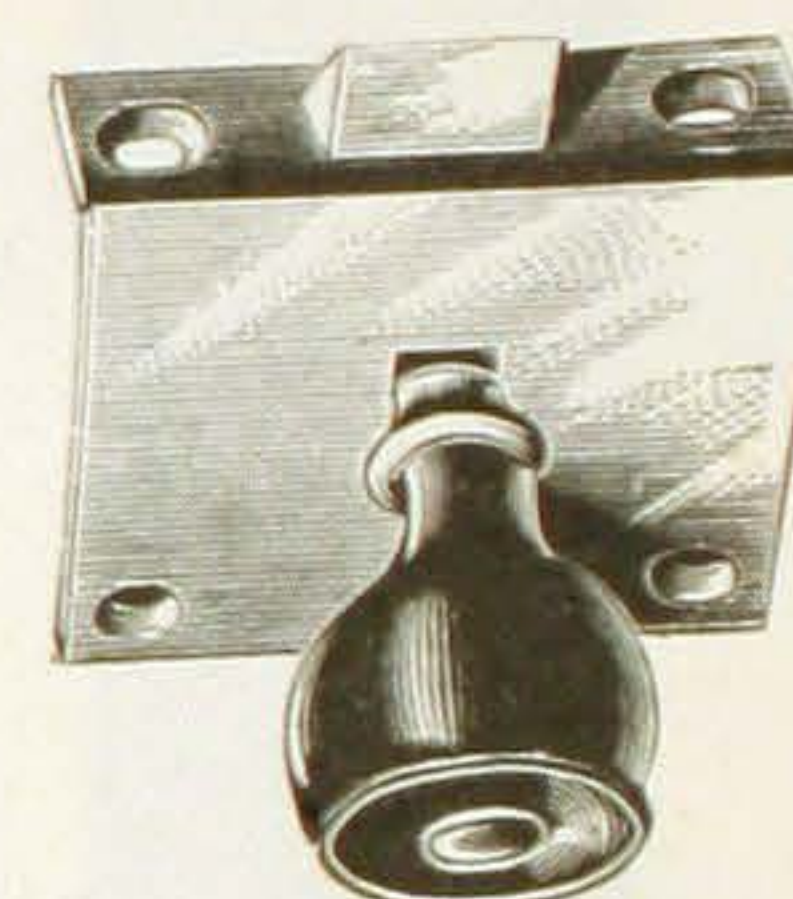
No. PHS 2751
Size 2 1/4" x 2 1/4" x 1 1/2"
dozen, each.
Brass .. 22/9 2/-
Nickel Plated .. 24/6 2/2
If with Loose Key, 2/9 dozen extra.
Size 2 1/2" x 1 1/2" x 1"
dozen, each.
Brass .. 15/- 1/4
Nickel Plated .. 16/9 1/6



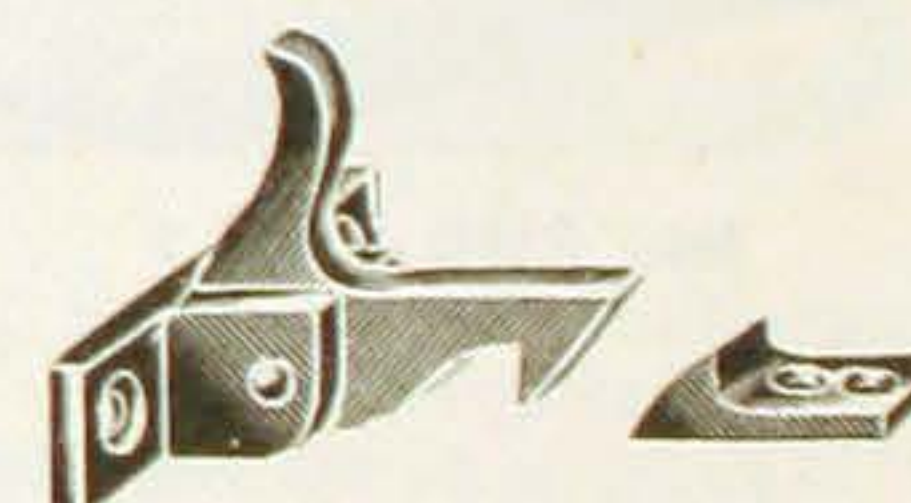
No. PHS 2740
RAYNER'S PATENT CUPBOARD CATCH.
Brass. C. B. & R. on Brass. B.M.A.
8/8 12/3 13/3 dozen.
10d. 1/2 1/3 each.



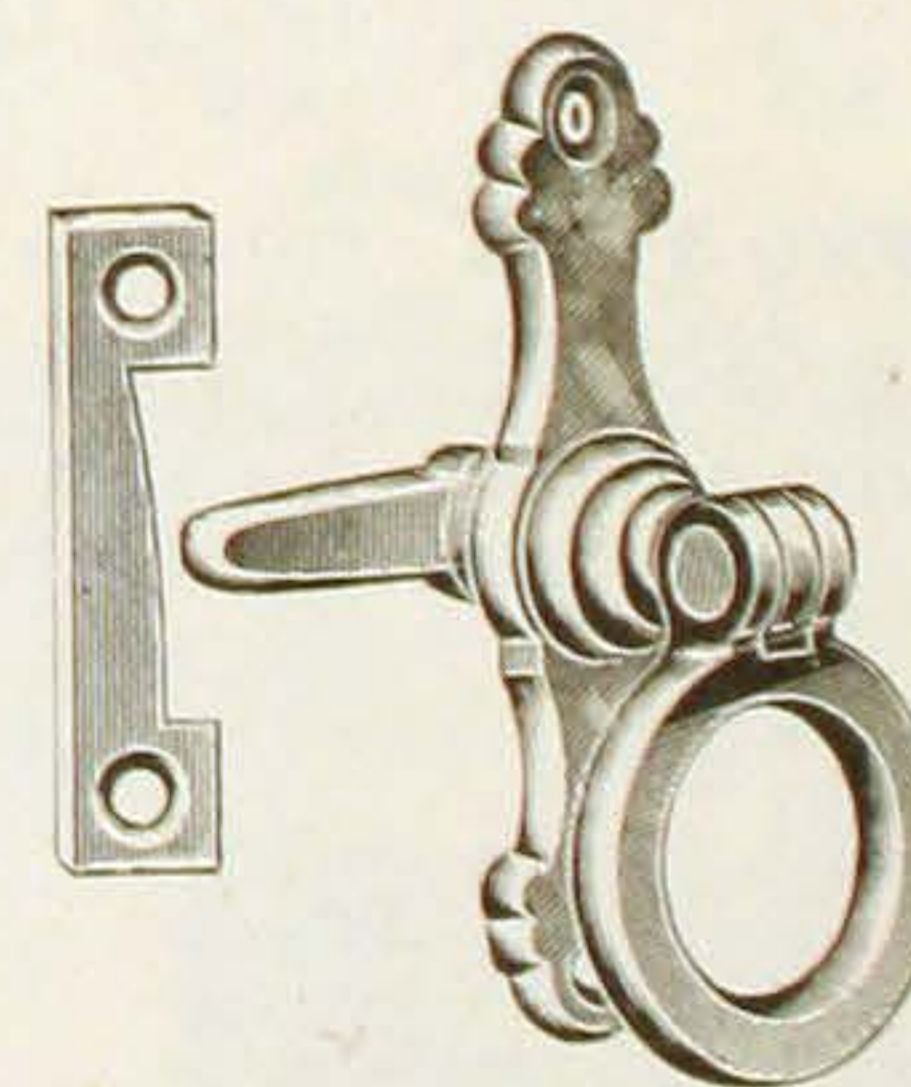
No. PHS 2734
Polished Brass.
Size .. dozen, each.
1 1/2" x 1 1/2" .. 22/8 2/-
1 1/2" x 1 1/4" .. 24/2 2/2
1 1/2" x 1 1/2" .. 27/4 2/6
2" x 1 1/2" .. 29/6 2/8
2 1/2" x 1 1/2" .. 33/3 3/-
2 1/2" x 1 1/4" .. 35/9 3/2



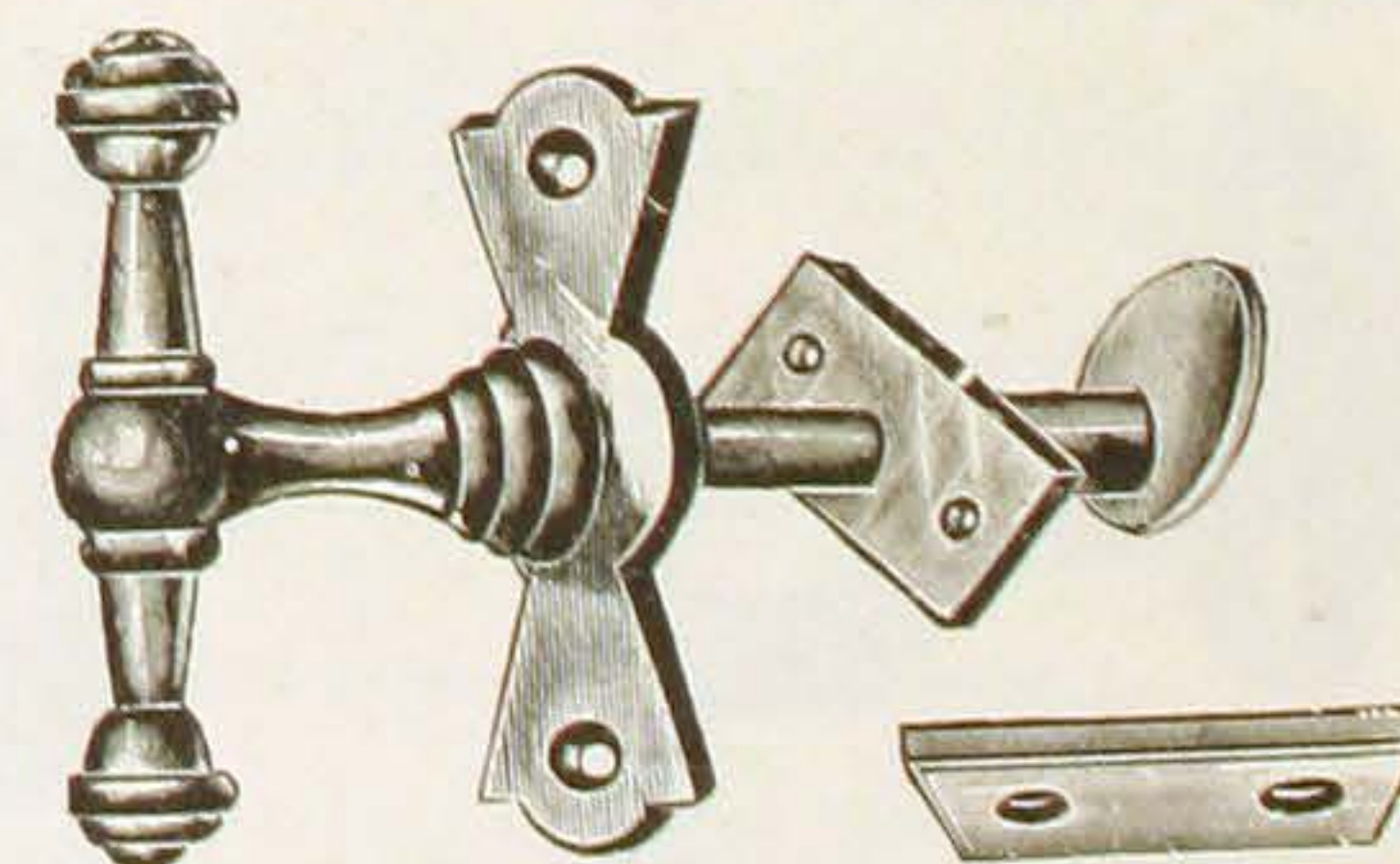
No. PHS 4234
Lever action.
Size .. 1 1/2" x 1" 1 1/2" x 1 1/2"
Polished Brass .. 26/3 29/6 dozen.
2/3 2/7 each.
Nickel Plated .. 28/6 31/6 dozen.
2/6 2/9 each.



No. PHS 4215
Japanned or Bronzed.
35/- gross, 3/2 dozen, 3 1/2d. each.



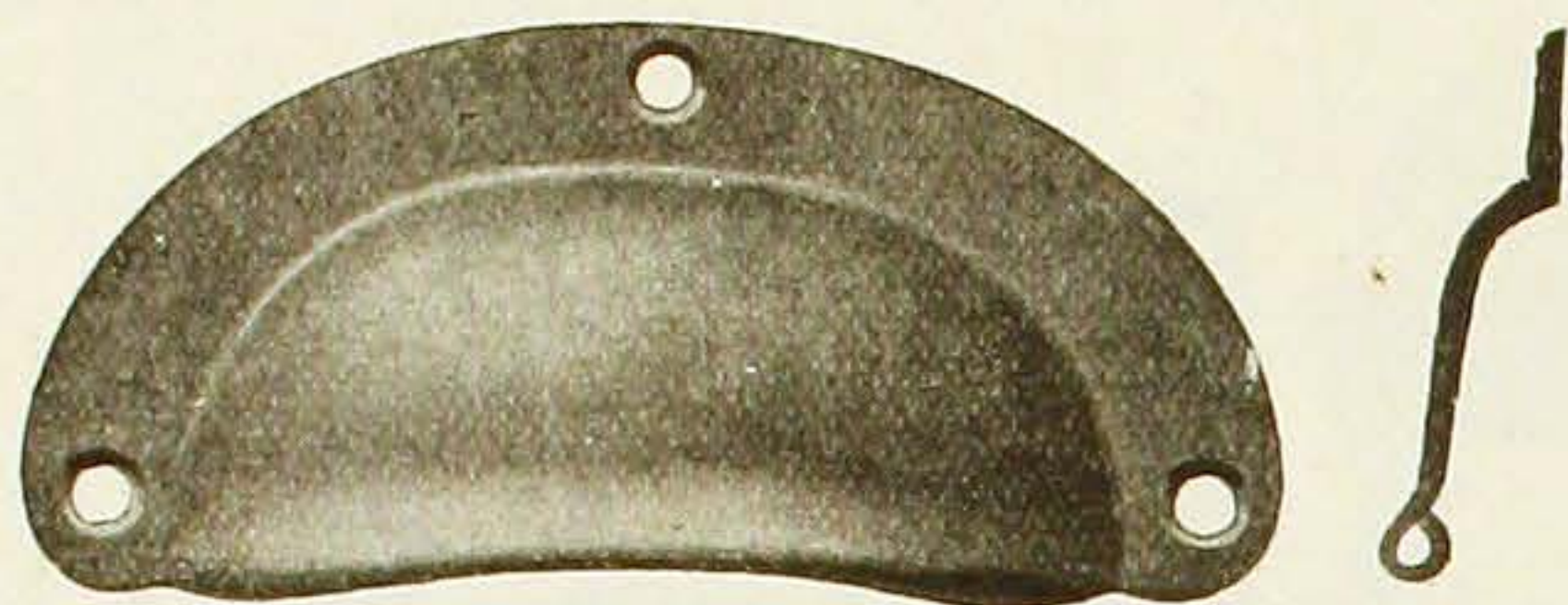
No. PHS 4591
Size 2 1/4" x 1 1/2" Ring, 1 1/2".
dozen, each.
Brass .. 26/3 2/3
Nickel Plated .. 28/- 2/6



No. PHO 4594
Plate, size, 2" overall. Handle 2 1/2".
dozen, each.
Brass .. 29/- 2/7
Nickel Plated .. 30/9 2/9

Drawer Pulls

*Stocked only in Brass and B.M.A.



No. PHS*2892

Patent machine-made, with rolled edge, very strong, pleasant to handle, polished.

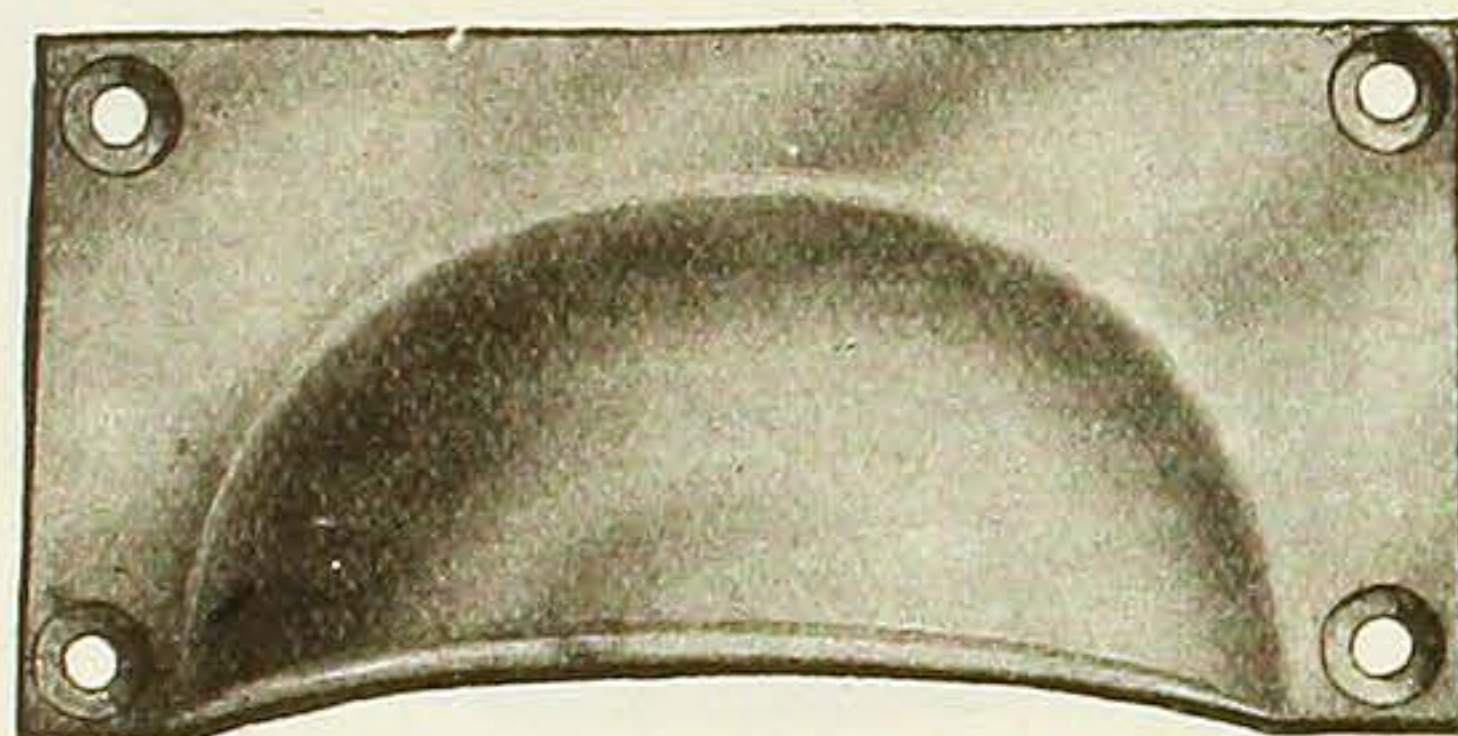
No. PHS 2892
Section.

	Size 3 1/4"		Size 4"	
	dozen.	each.	dozen.	each.
Polished Brass ..	3/4	4d.	4/9	6d.
C. B. & R. on Brass ..	4/4	5d.	6/2	7d.
Bronze Metal Antique ..	5/3	6d.	8/9	10d.
Oxidized Silver on White Metal ..	17/6	1/7	21/-	1/10

No. PHS*2892L

Lighter pattern.

	Size 3 1/4"		Size 4"	
	dozen.	each.	dozen.	each.
Polished Brass ..	2/3	3d.	4/2	5d.
C. B. & R. on Brass ..	2/7	3d.	4/7	6d.
Bronze Metal Antique ..	3/-	4d.	5/1	7d.
Oxidized Silver on Brass ..	4/7	6d.	6/5	8d.

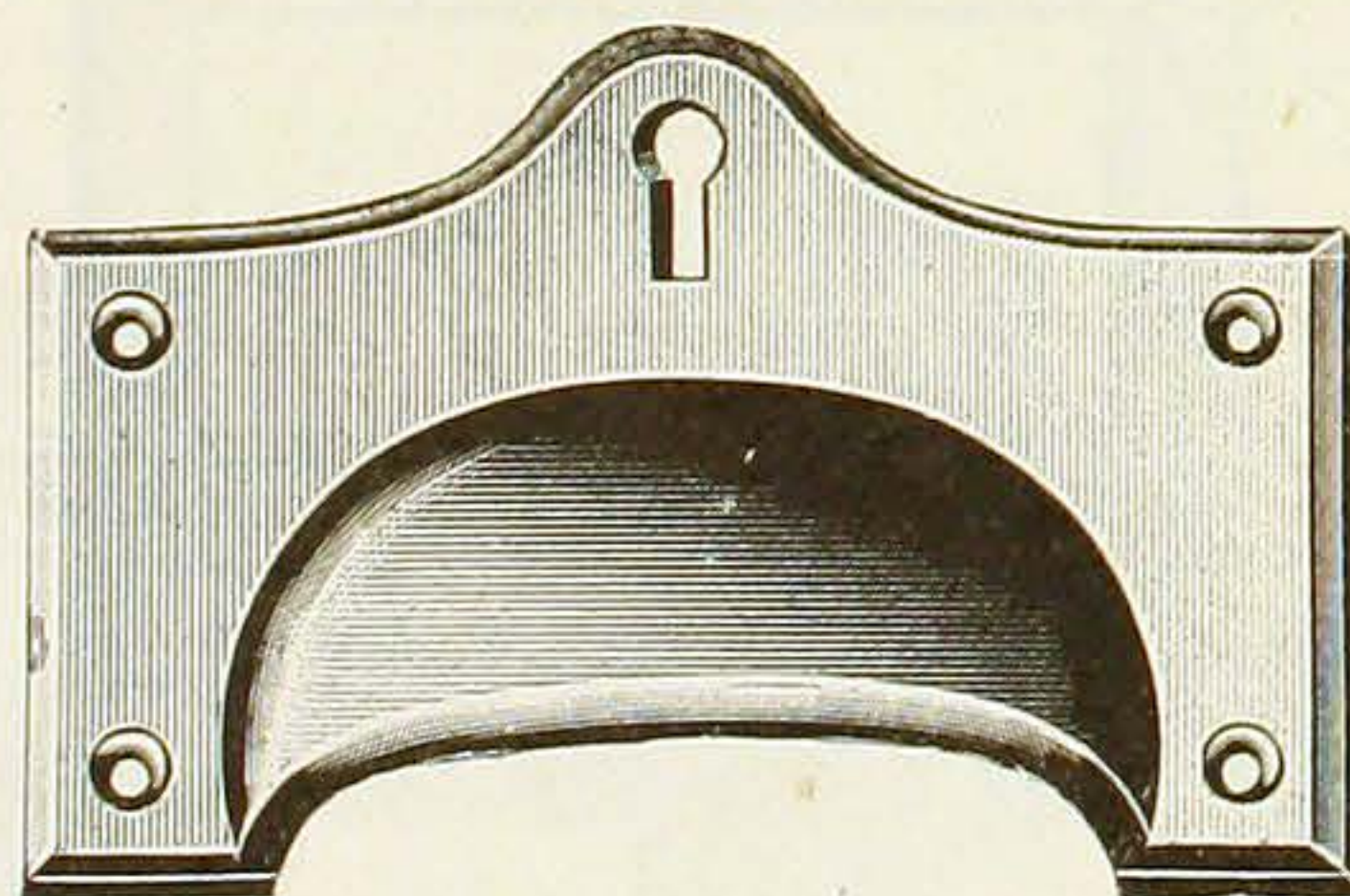


No. PHS*5887

Size 3 1/4"

Size 4"

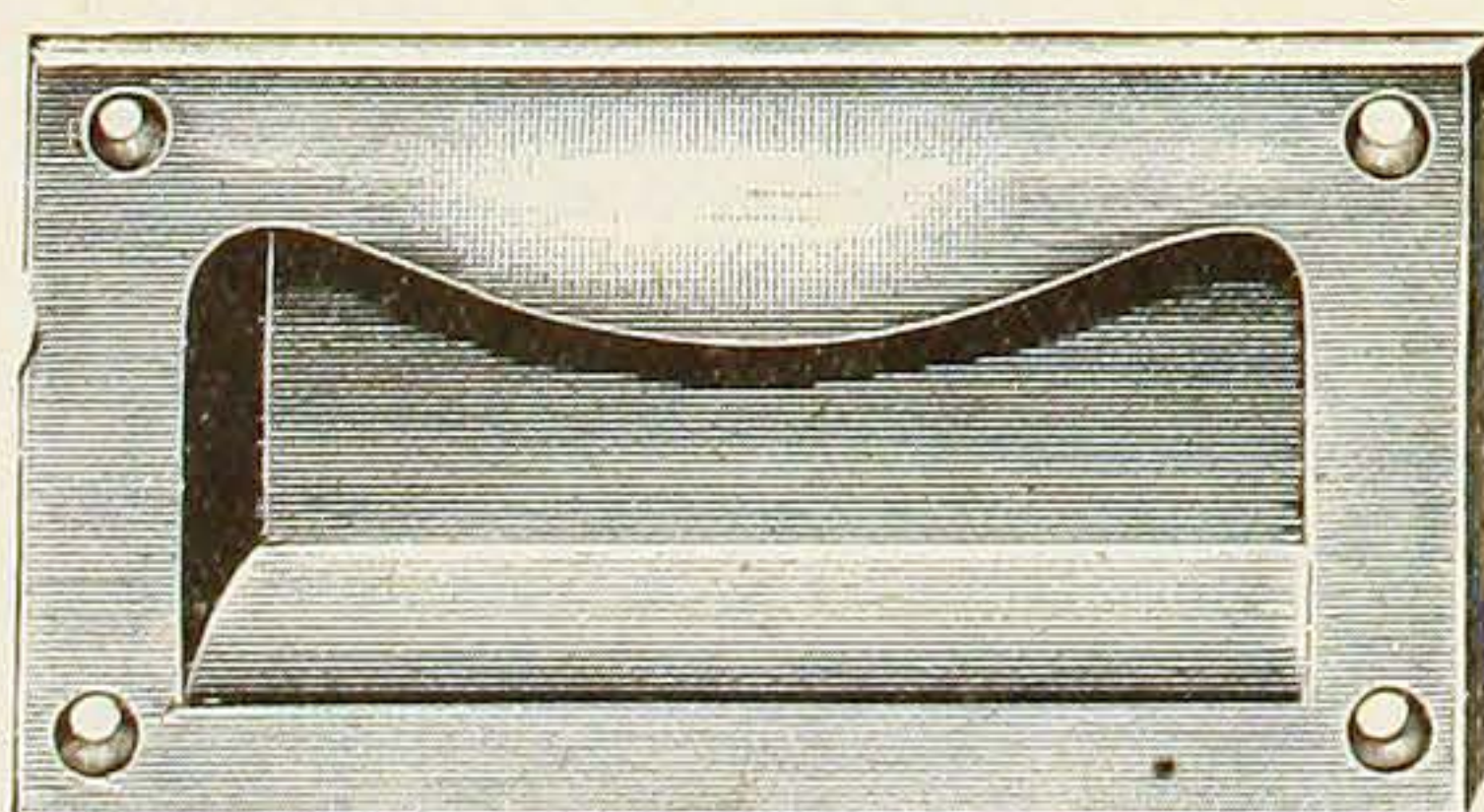
	Size 3 1/4"		Size 4"	
	dozen.	each.	dozen.	each.
Polished Brass ..	15/-	1/4	20/3	1/9
C. B. & R. on Brass ..	16/8	1/5	22/9	2/-
Bronze Metal Antique ..	19/3	1/8	26/3	2/3
Oxidized Silver on White Metal ..	31/6	2/8	42/-	3/8



No. PHS*9408

Size 4"

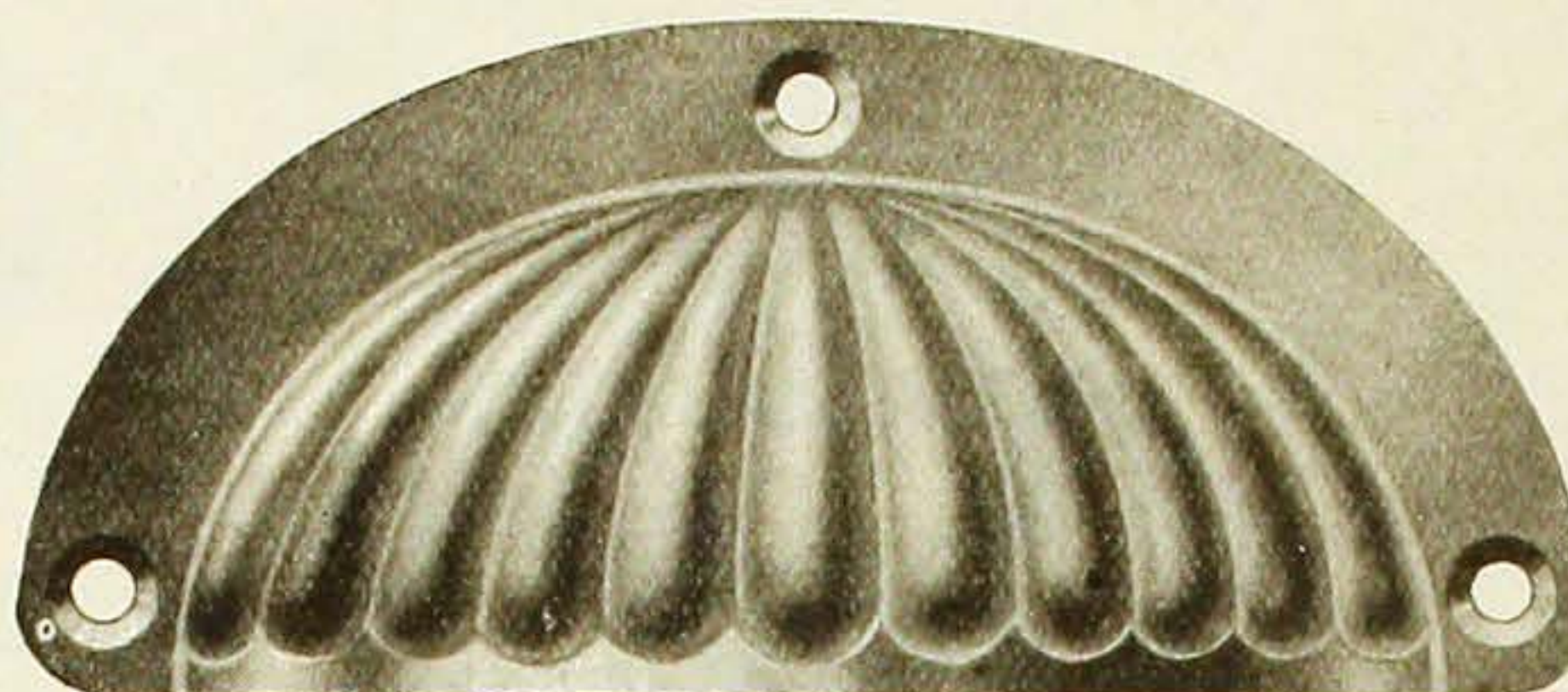
	dozen.	each.
Polished Brass ..	18/6	1/8
C. B. & R. on Brass ..	21/-	1/10
Bronze Metal Antique ..	22/9	2/-
Oxidized Silver on White Metal ..	29/9	2/8



No. PHS*2894

Size 4 1/4" x 2 1/4"

	dozen.	each.
Polished ..	28/-	2/6
C. B. & R. on Brass ..	31/6	2/9
Bronze Metal Antique ..	37/8	3/3
Oxidized Silver on Brass ..	45/6	4/-

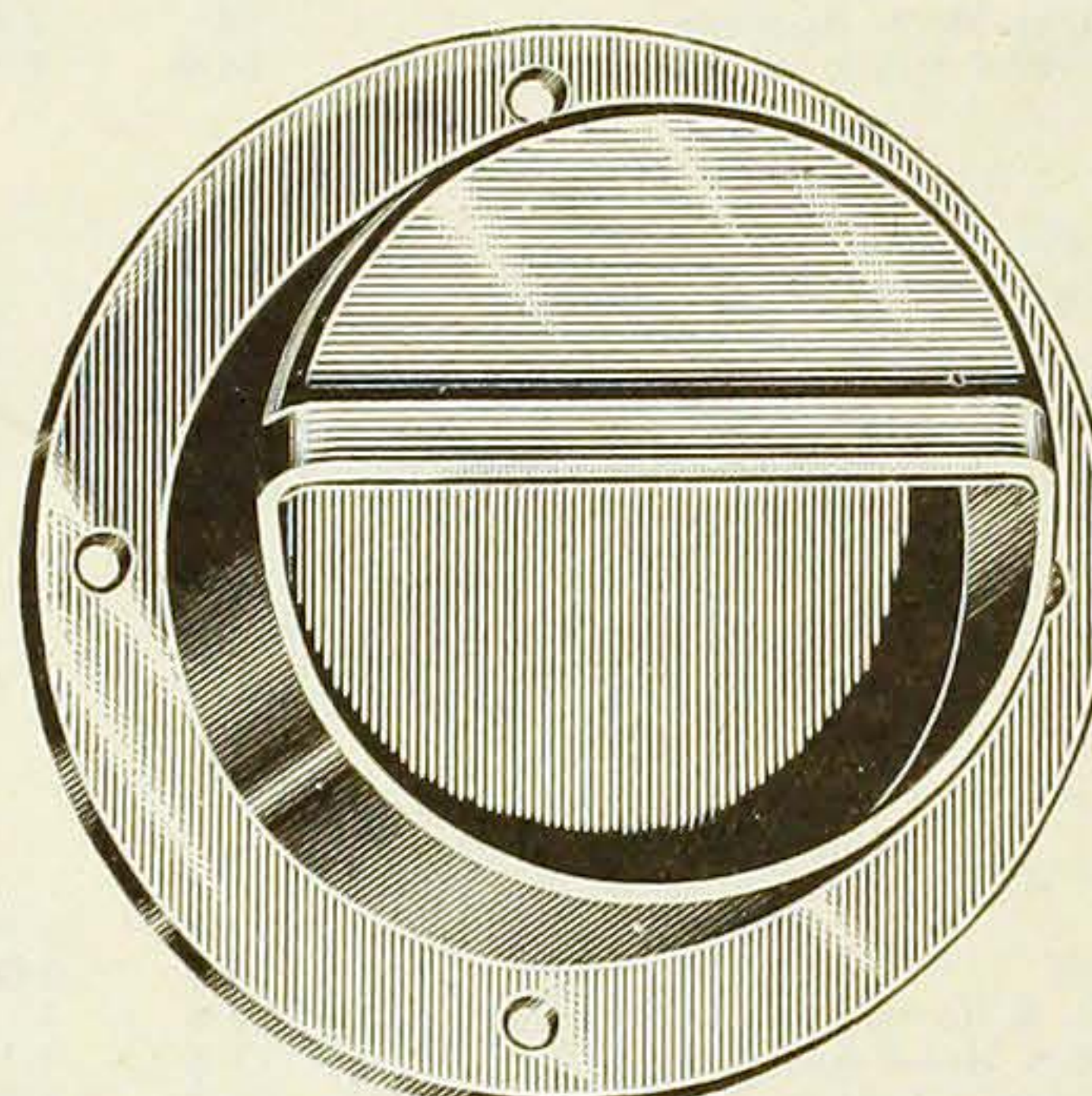


No. PHS*9407

Plain Edge, 3 1/4"

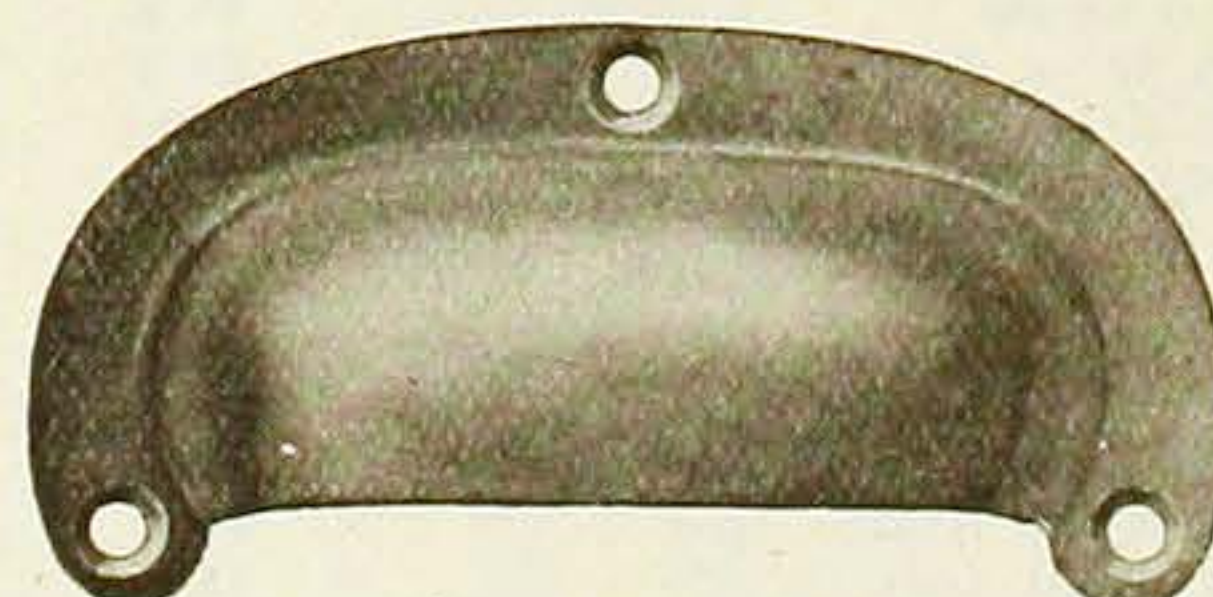
	dozen.	each.
Polished Brass ..	2/-	2d.
C. B. & R. on Brass ..	2/4	3d.
Bronze Metal Antique ..	2/8	3d.
Oxidized Silver on Brass ..	4/3	5d.

BANK DRAWER PULL.



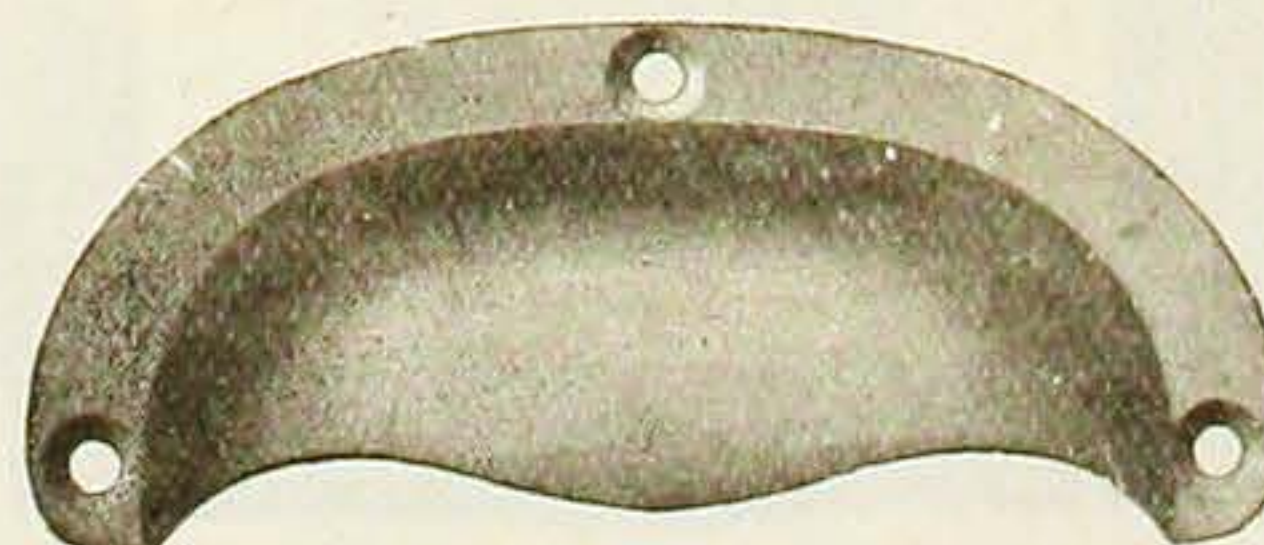
No. PHS*9415

Size	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"
	1 1/8"	1 1/4"	1 1/2"	1 3/4"	1 7/8"
Polished Brass ..	33/3	35/9	38/-	39/9	42/-
C. B. & R. on Brass ..	38/3	41/-	43/9	45/6	48/6
Bronze Metal Antique ..	41/6	44/9	47/4	49/9	52/6
Oxidized Sil. on White Metal ..	52/-	55/3	57/9	60/-	63/-
	2 1/4"	3"	3"	3"	3"
	1 1/8"	1 1/4"	1 1/2"	1 3/4"	1 7/8"
Polished Brass ..	44/6	44/6	46/9	49/9	49/9
C. B. & R. on Brass ..	51/-	51/-	53/9	56/6	56/6
Bronze Metal Antique ..	55/6	55/6	58/6	61/3	61/3
Oxidized Silver on White Metal ..	65/9	65/9	68/3	71/9	71/9



No. PHS*5884. Registered. Size 3 1/2"

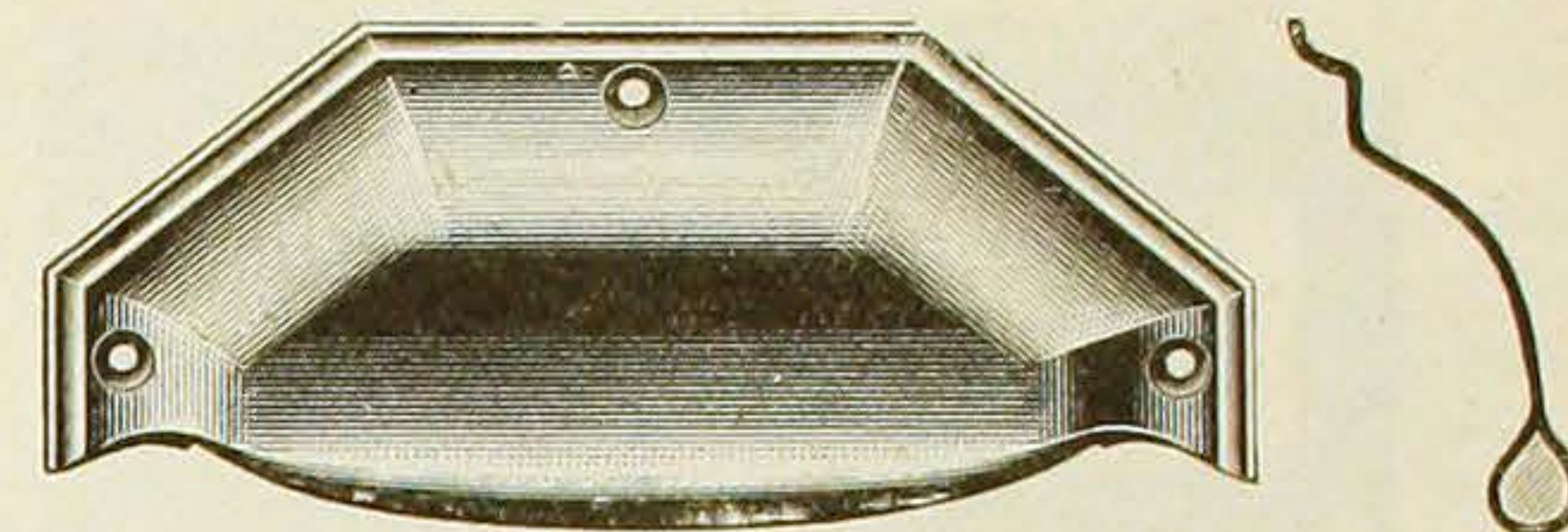
	dozen.	each.
Polished Brass ..	4/6	5d.
C. B. & R. on Brass ..	5/3	6d.
Bronze Metal Antique ..	5/9	7d.
Oxidized Silver on White Metal ..	15/9	1/5



No. PHS*5885

Cast. Size 3 3/8"

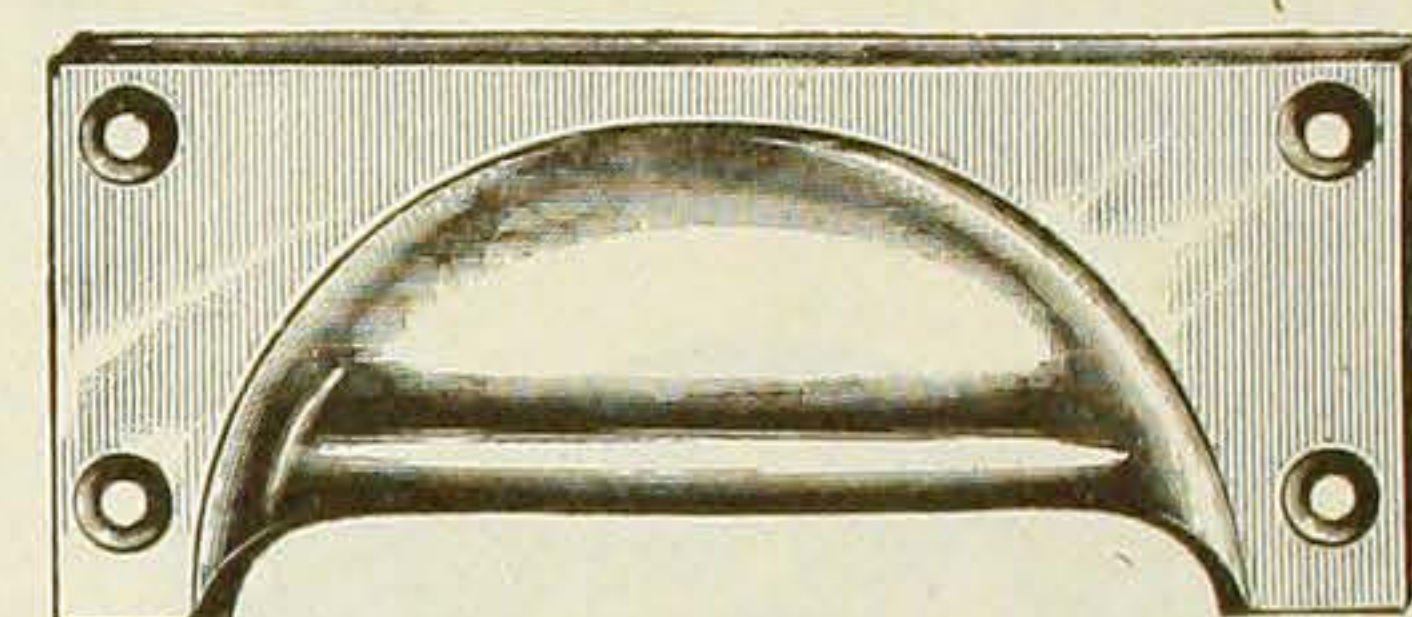
	dozen.	each.
Polished Brass ..	9/9	10d.
C. B. & R. on Brass ..	10/6	11d.
Bronze Metal Antique ..	12/-	1/1
Oxidized Silver on White Metal ..	23/9	2/1



No. PHS*9410

Size 4"

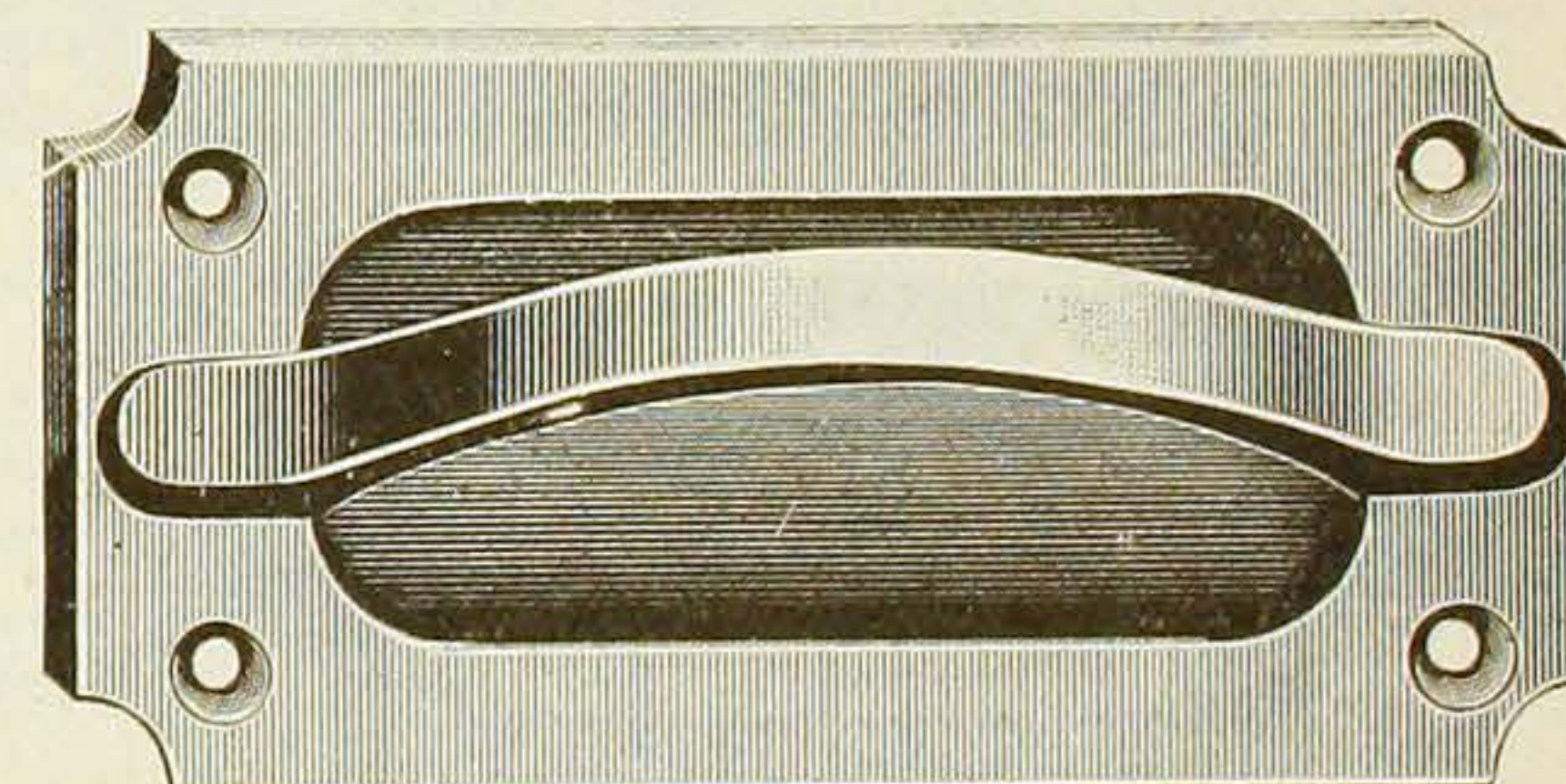
	gross.	dozen.
Polished Brass ..	78/9	6/8
C. B. & R. on Brass ..	89/3	7/6
Bronze Metal Antique ..	94/6	8/-



No. PHS*9416

Size 3 1/4" x 1 1/8"

	dozen.	each.
Polished Brass ..	14/-	1/3
C. B. & R. on Brass ..	16/3	1/5
Bronze Metal Antique ..	17/6	1/6
Oxidized Silver on White Metal ..	24/6	2/2



No. PHS*9411

4" x 2"

4 1/8" x 2 1/8"

	dozen.	each.	dozen.	each.
Brass ..	31/6	2/9	47/3	4/2
C. B. & R. on Brass ..	36/9	3/2	54/3	4/8
Bronze Metal Antique ..	38/6	3/4	57/-	4/10
Oxidized Silver on White Metal ..	49/-	4/3	68/3	5/10



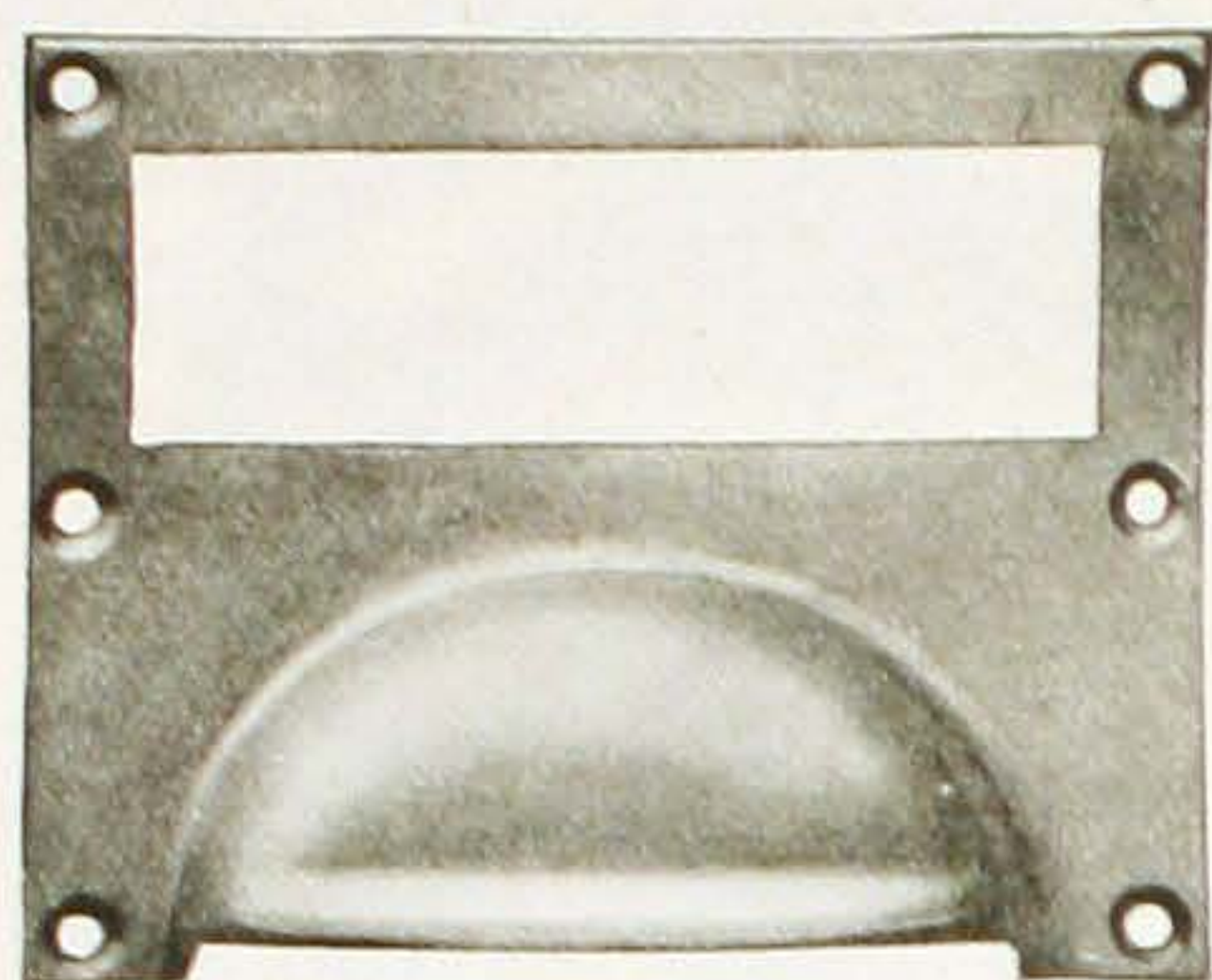
No. PHS*5890

Size 5 1/8" x 2 1/8"

	dozen.	each.
Brass ..	66/6	5/8
C. B. & R. on Brass ..	73/6	6/3
Bronze Metal Antique ..	78/9	6/8
Oxidized Silver on White Metal ..	94/6	8/-

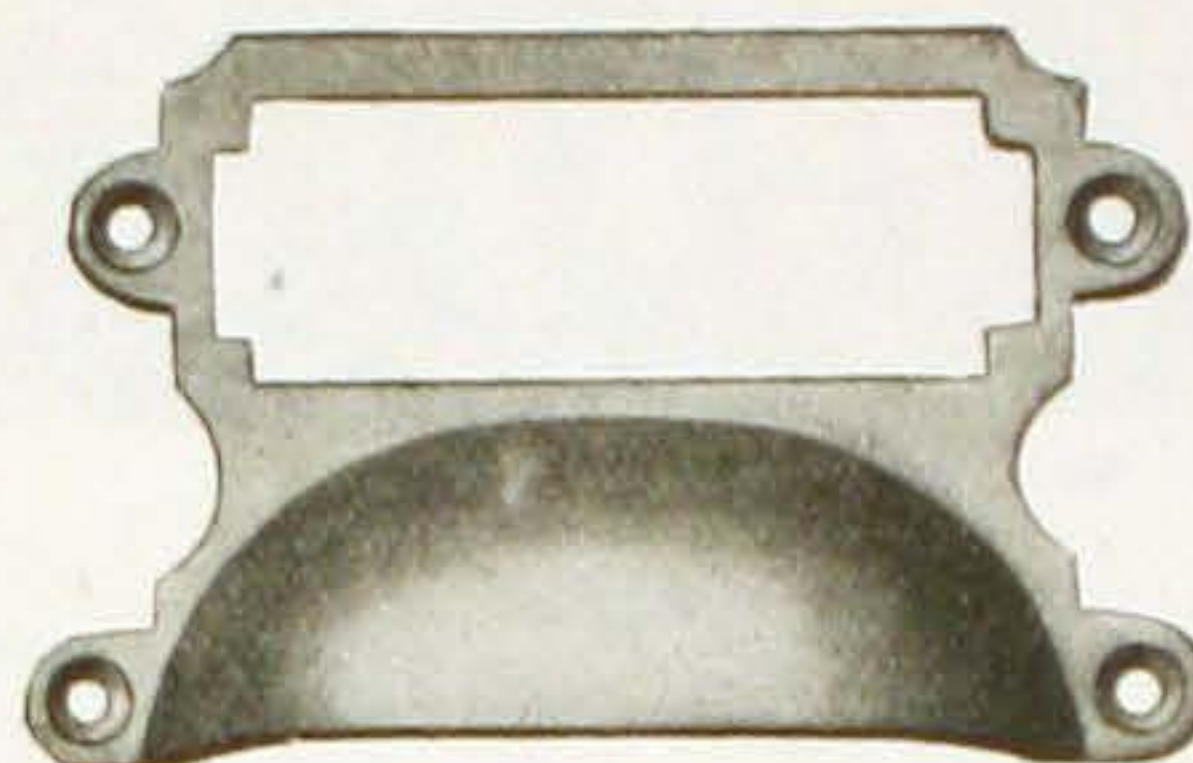
Drawer Pulls and Card Frames

*Stocked only in
Brass and B.M.A.



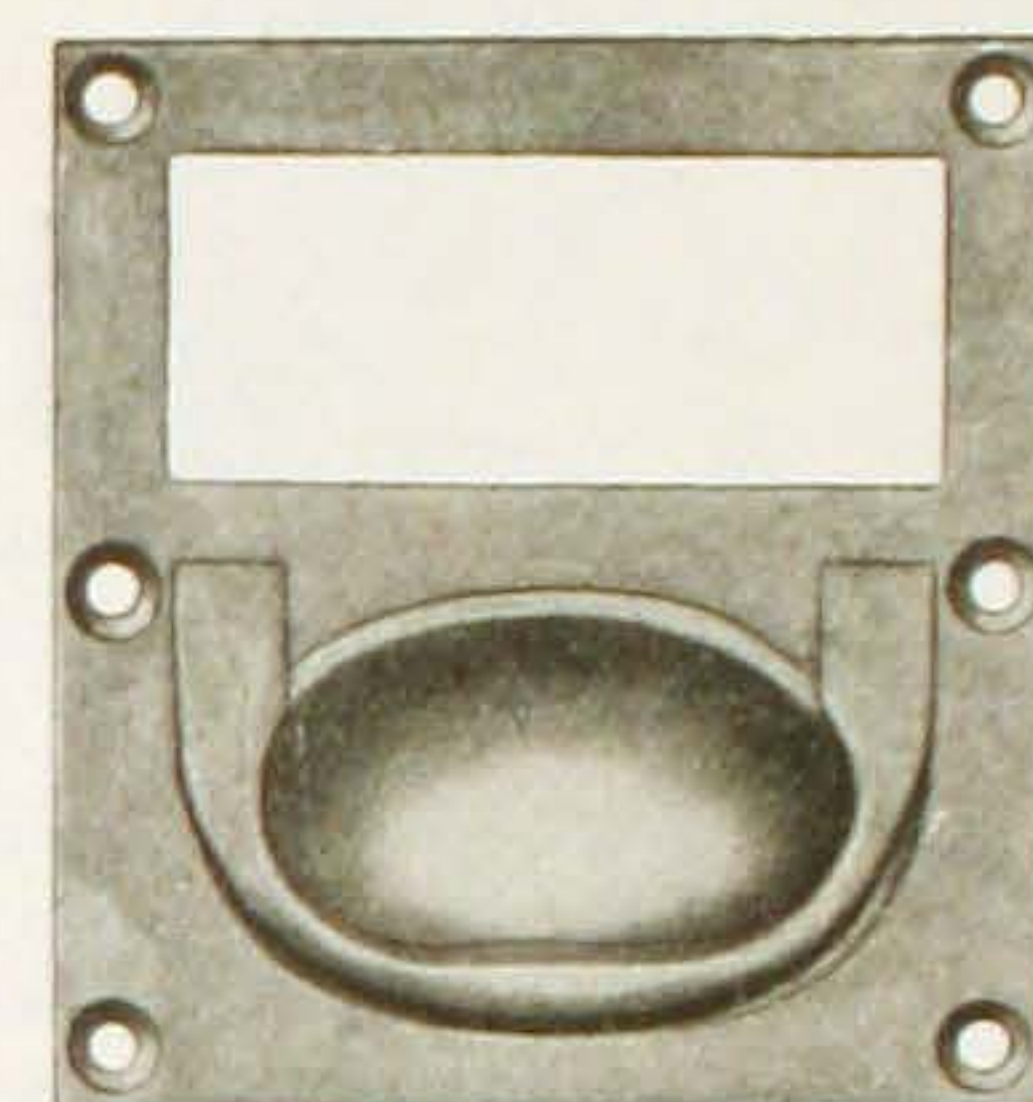
No. PHS*9400 Size 3 1/2" x 2"

	dozen.	each.
Brass	18/6	1/8
C. B. & R. on Brass	21/-	1/10
Bronze Metal Antique	21/-	1/10
Oxidized Silver on White Metal	29/-	2/7



No. PHS*9401 Size 3 1/2" x 2 1/4"

	dozen.	each.
Brass	15/-	1/4
C. B. & R. on Brass	16/9	1/6
Bronze Metal Antique	18/-	1/8
Oxidized Silver on White Metal	24/6	2/2



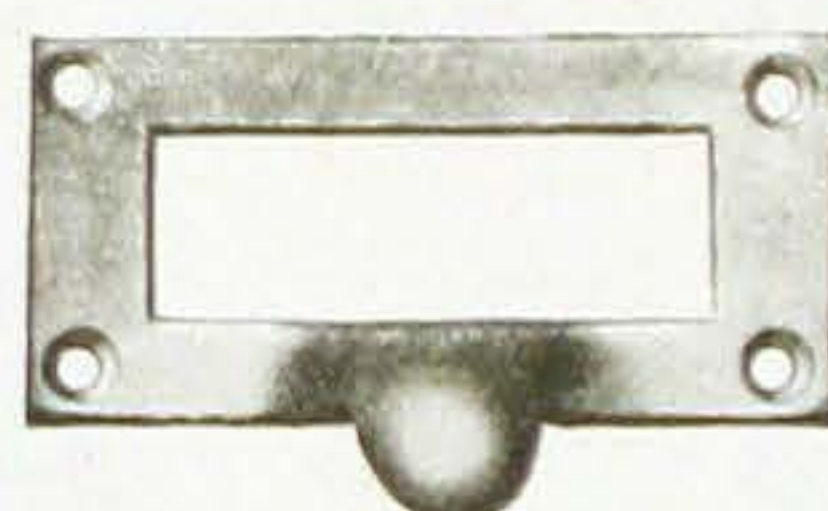
No. PHS*9402 Size 3" x 3 1/4"

	dozen.	each.
Brass	29/-	2/6
C. B. & R. on Brass	32/6	2/10
Bronze Metal Antique	36/9	3/3
Oxidized Silver on White Metal	48/3	4/3



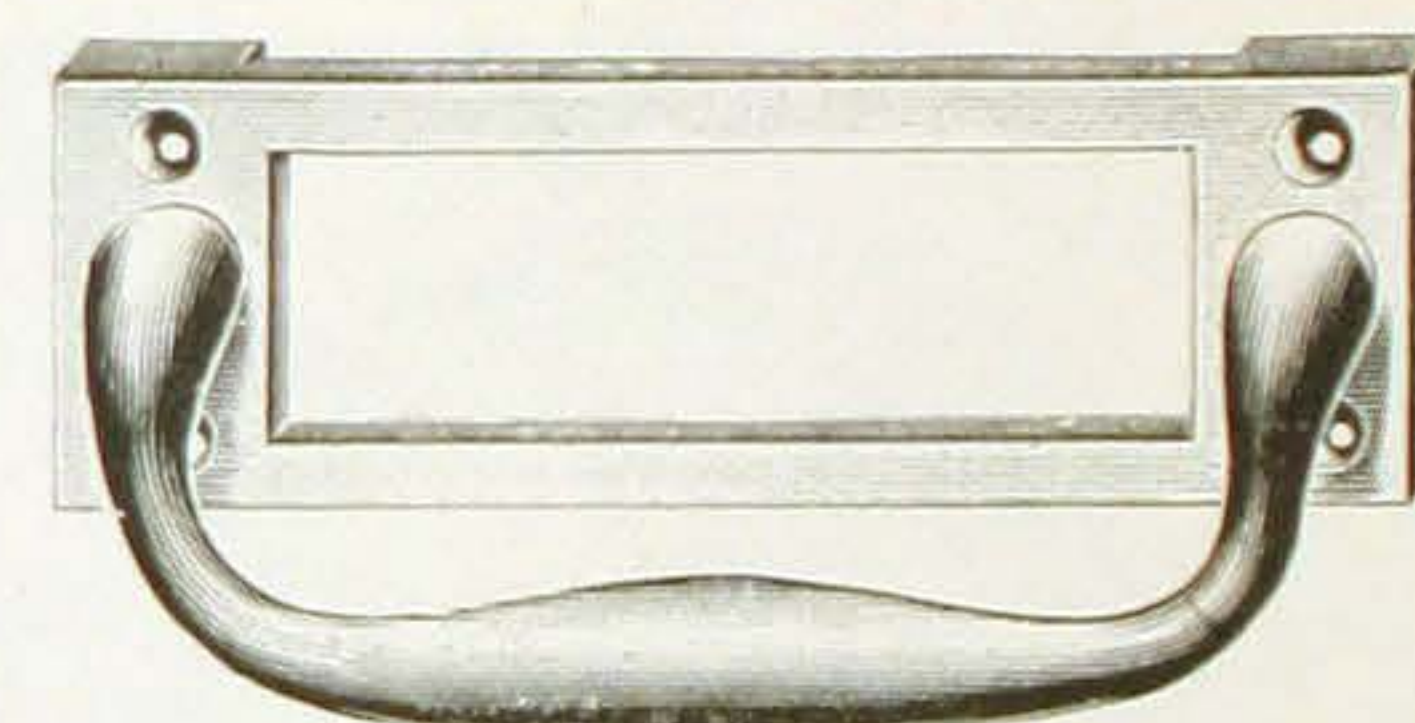
No. PHS*9409 Size 3 1/2" x 2"

	dozen.	each.
Brass	21/-	1/10
C. B. & R. on Brass	26/3	2/4
Bronze Metal Antique	28/-	2/6
Oxidized Silver on White Metal	36/9	3/3



No. PHS*9404 Size 2 1/2" x 1 1/4"

	dozen.	each.
Brass	8/9	10d.
C. B. & R. on Brass	10/6	1/-
Bronze Metal Antique	11/6	1/1
Oxidized Silver on White Metal	17/6	1/7



No. PHS*9405 Size 2 1/2" x 1"

	dozen.	each.
Polished Brass	16/9	1/10
C. B. & R. on Brass	19/3	1/8
Bronze Metal Antique	21/-	1/6
Oxidized Silver on White Metal	31/6	1/3

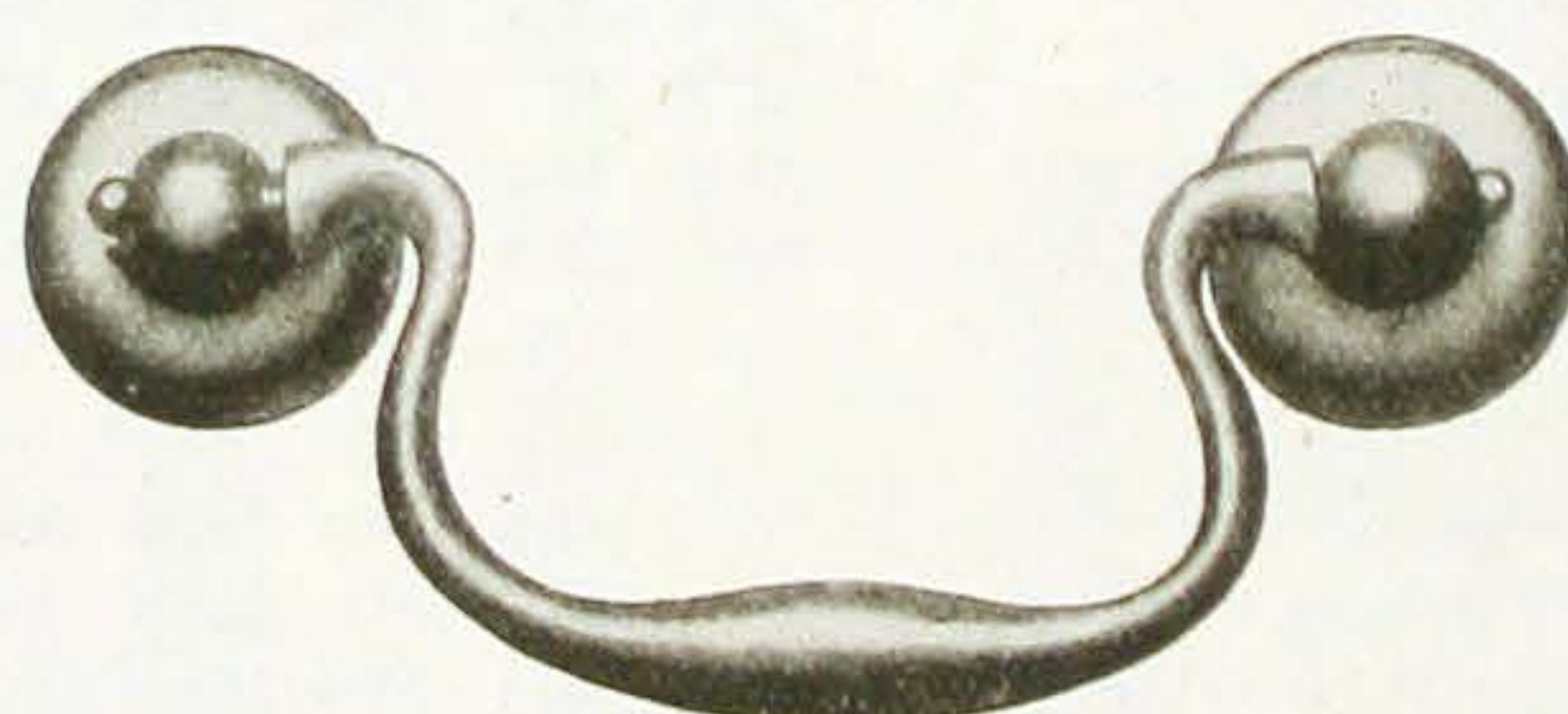


No. PHS*9406 For Card 3" x 1 1/2"
Size 4" x 2 1/8"

	gross.	dozen.
Polished Brass	22/9	2/-
Nickel Plated	28/-	2/6
C. B. & R. on Brass	28/-	2/6
Bronzed Metal Antique	28/-	2/6
Oxidized Silver on Brass	33/3	3/-

No. PHS 9406 L. Lighter Pattern.

	dozen.	each.
Polished Brass	17/6	1/9
Nickel Plated	22/9	2/-
C. B. & R. on Brass	22/9	2/-
Bronze Metal Antique	22/9	2/-
Oxidized Silver on Brass	28/-	2/6



No. PHS*2901 Size 4 1/2" x 2"

	dozen.	each.
Polished Brass	21/6	1/10
C. B. & R. on Brass	24/6	2/2
Bronze Metal Antique	28/-	2/6
Oxidized Silver on White Metal	38/6	3/4

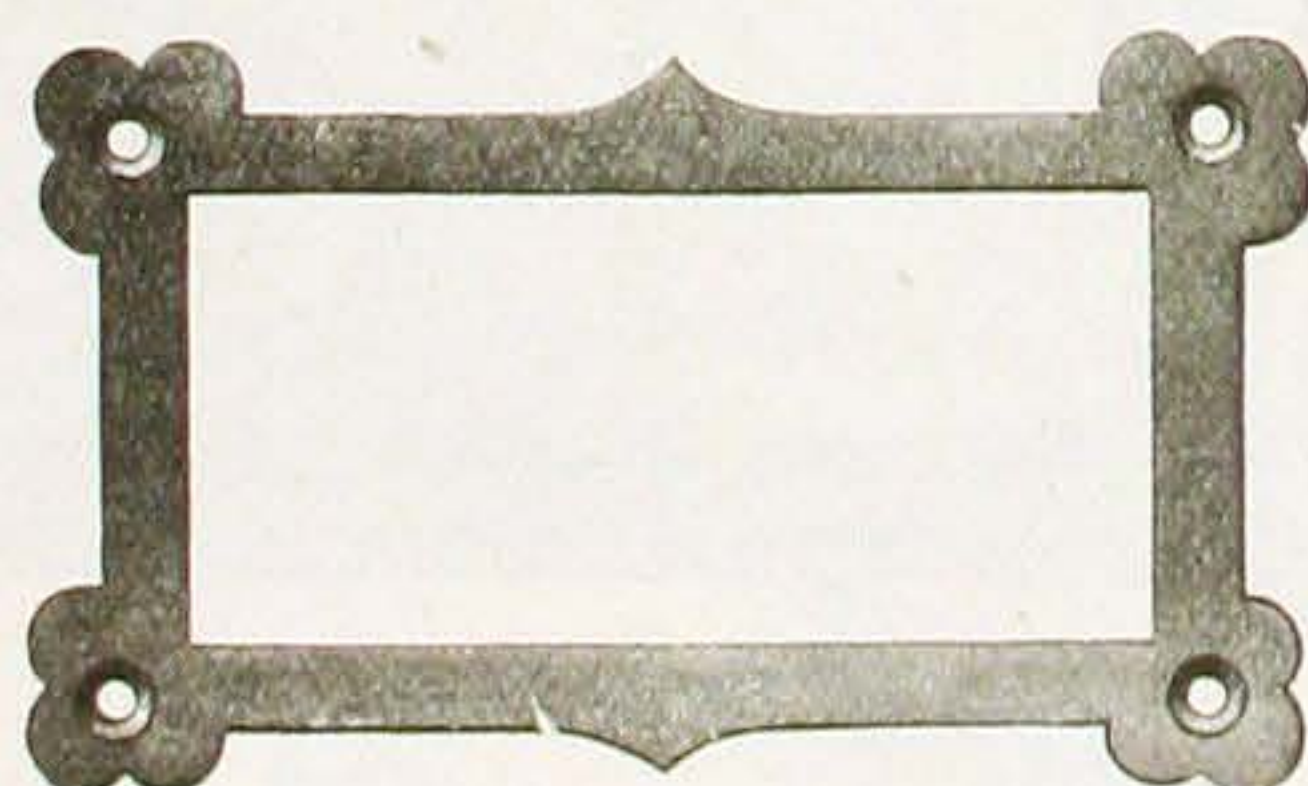
No. PHS 2901 L. Lighter Pattern. 3".

	dozen.	each.
Polished Brass	11/3	1/-
C. B. & R. on Brass	14/-	1/3
Bronze Metal Antique	15/6	1/4
Oxidized Silver on White Metal	21/-	1/10



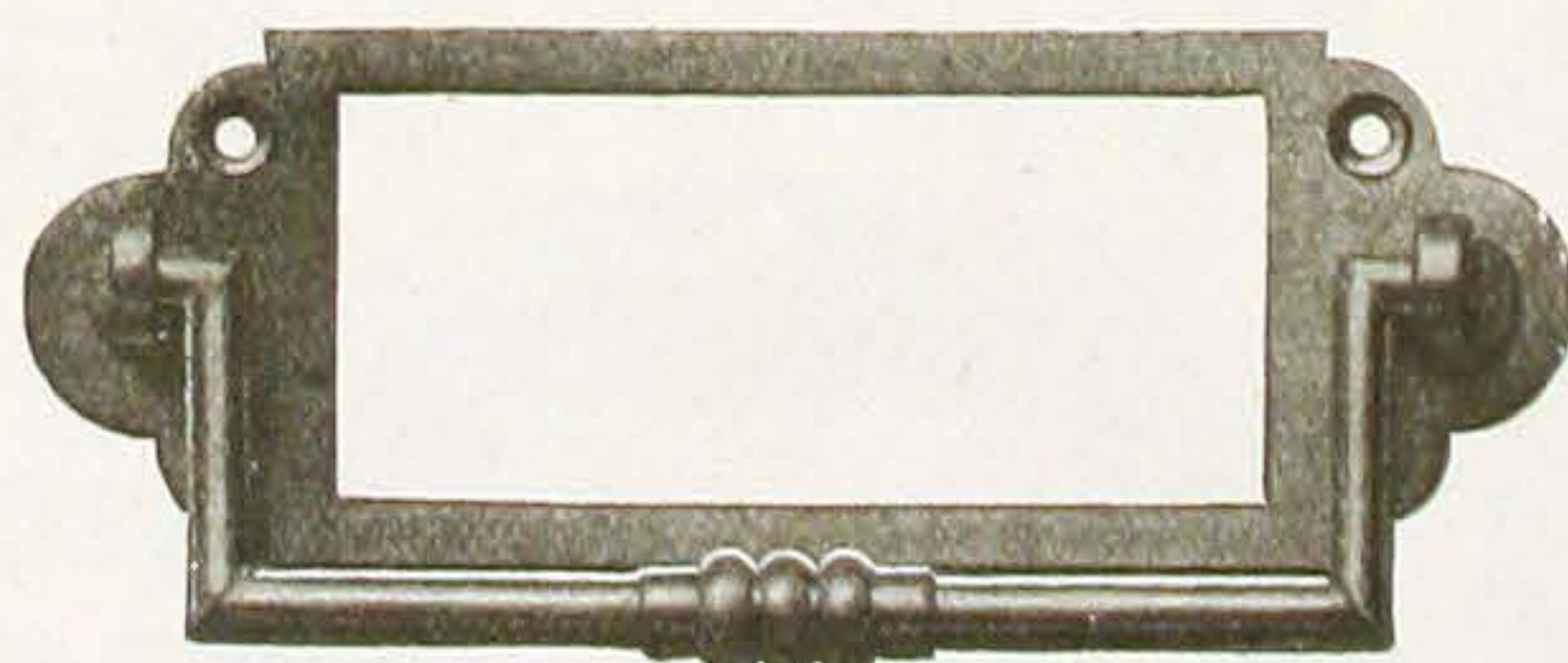
No. PHS*9414 Brass.

Size	dozen.	each.
2 1/2" x 3 1/2"	4/6	5d.
2 1/2" x 3 1/4"	6/2	7d.
2 1/2" x 3 1/2"	7/-	8d.
2 1/2" x 3 1/4"	7/6	8d.
3" x 1 1/2"	8/-	9d.
3 1/4" x 1 1/2"	8/-	9d.
3" x 1 1/4"	8/4	10d.
3 1/4" x 2"	8/9	10d.
3 1/4" x 1 1/2"	8/9	10d.
5 1/2" x 3 1/2"	14/-	1/3



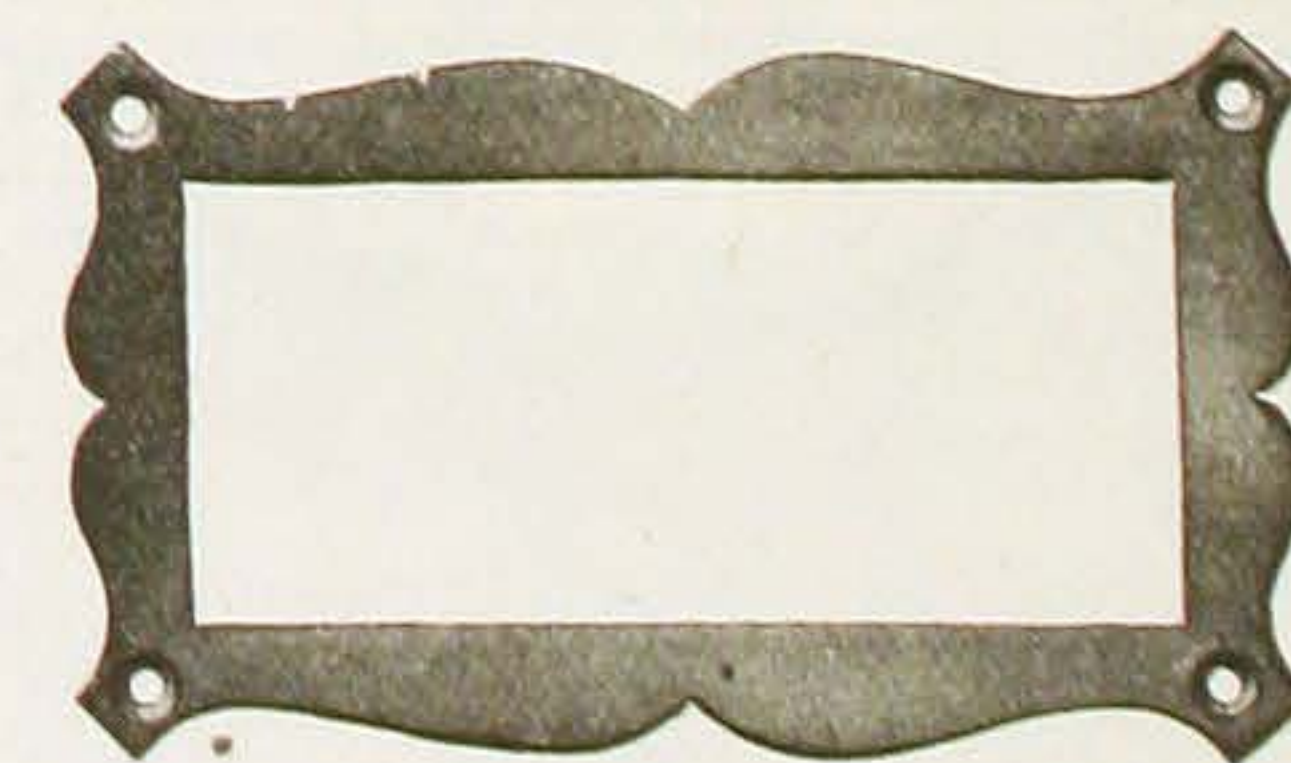
No. PHS*5938

	3" x 1 1/2"	4" x 2"
	dozen.	each.
Polished Brass	10/6	1/1
C. B. & R. on Brass	12/3	1/1
Bronze Metal Antique	13/3	1/1
Oxidized Silver on White Metal	19/3	1/1



No. PHS*9403 Size 4 1/2" x 2"

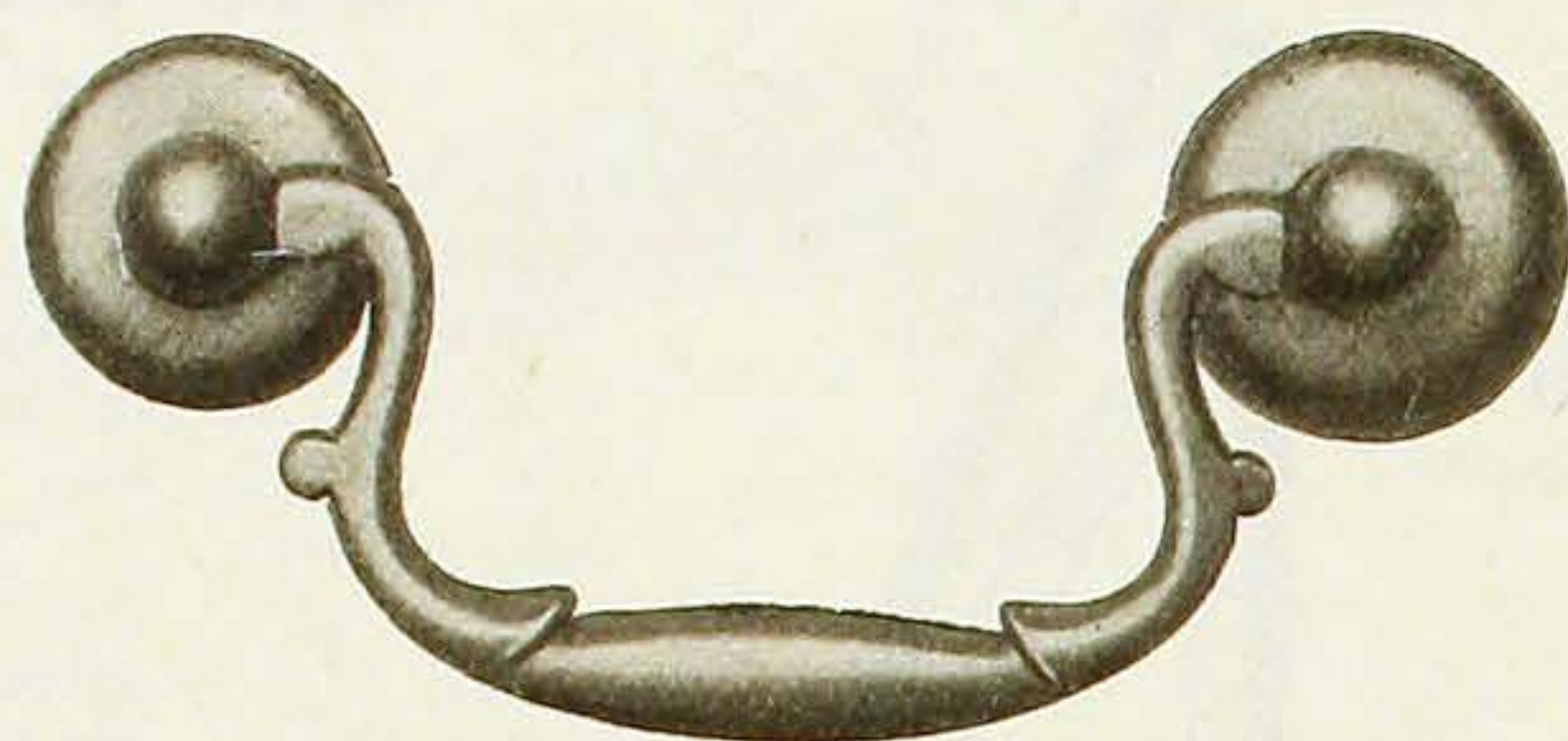
	dozen.	each.
Brass	15/4	1/5
C. B. & R. on Brass	18/6	1/8
Bronze Metal Antique	20/3	1/10
Oxidized Silver on White Metal	28/-	2/6



No. PHS*5939 For Card 3" x 1 1/2"
Size 3 1/2" x 2"

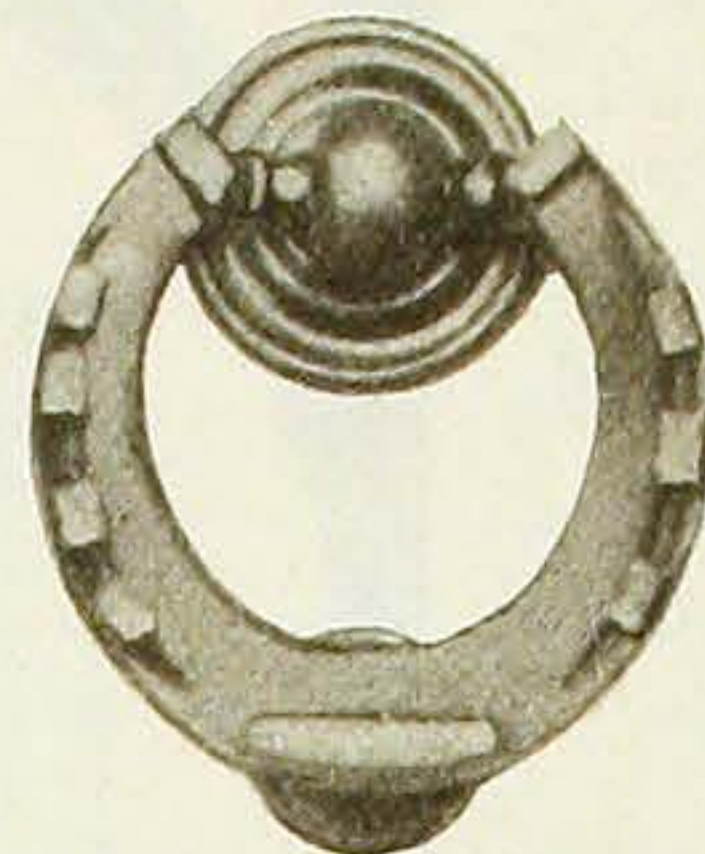
	dozen.	each.
Polished Brass	12/3	1/2
C. B. & R. on Brass	14/-	1/3
Bronze Metal Antique	15/-	1/5
Oxidized Silver on White Metal	21/-	1/10

Drawer Pulls, Door Knockers and French Window Catches



No. PHS*5892 Size 4 1/2" x 2"

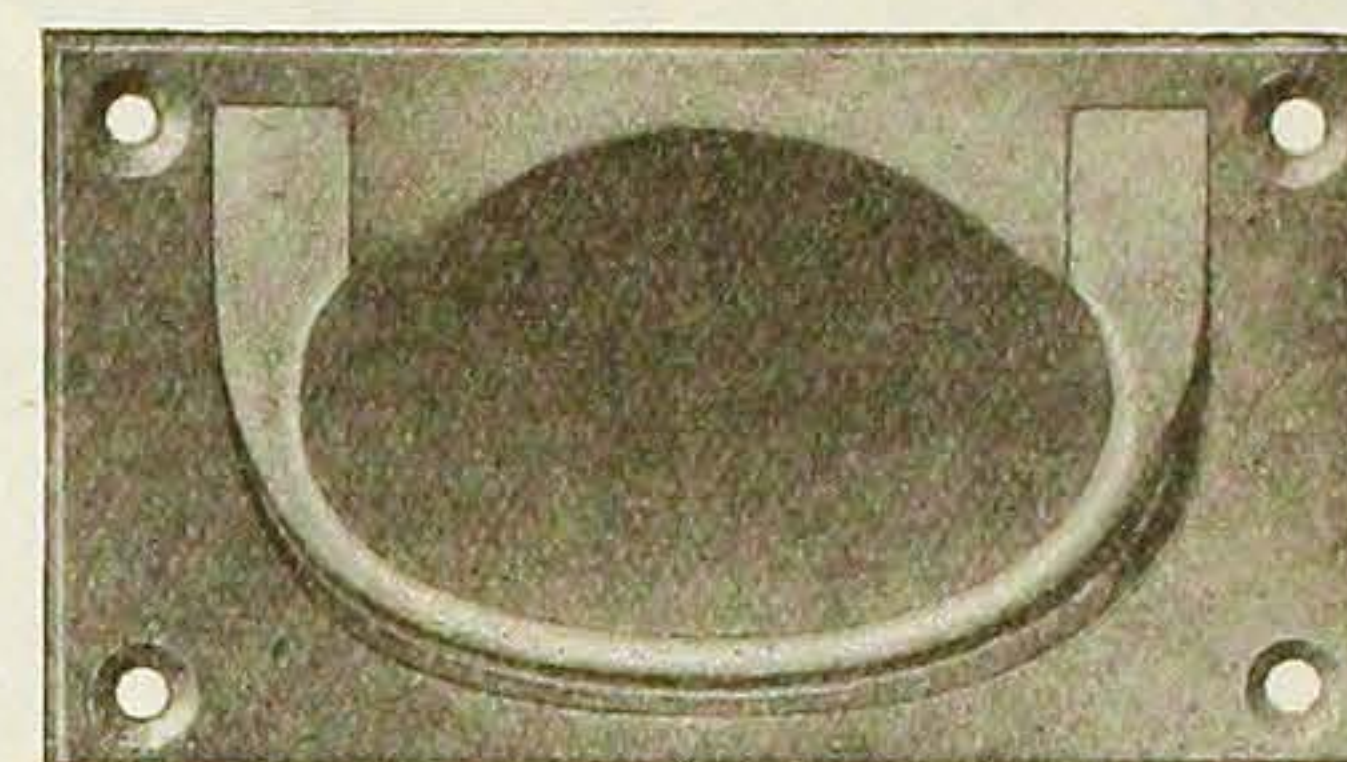
Polished Brass	...	22/9	dozen,	2/-	each.
C. B. & R. on Brass	...	26/3	"	2/3	"
Bronze Metal Antique	...	30/9	"	2/8	"
Oxidized Silver on White Metal	...	42/-	"	3/8	"



No. PHQ 2524

Size 4"

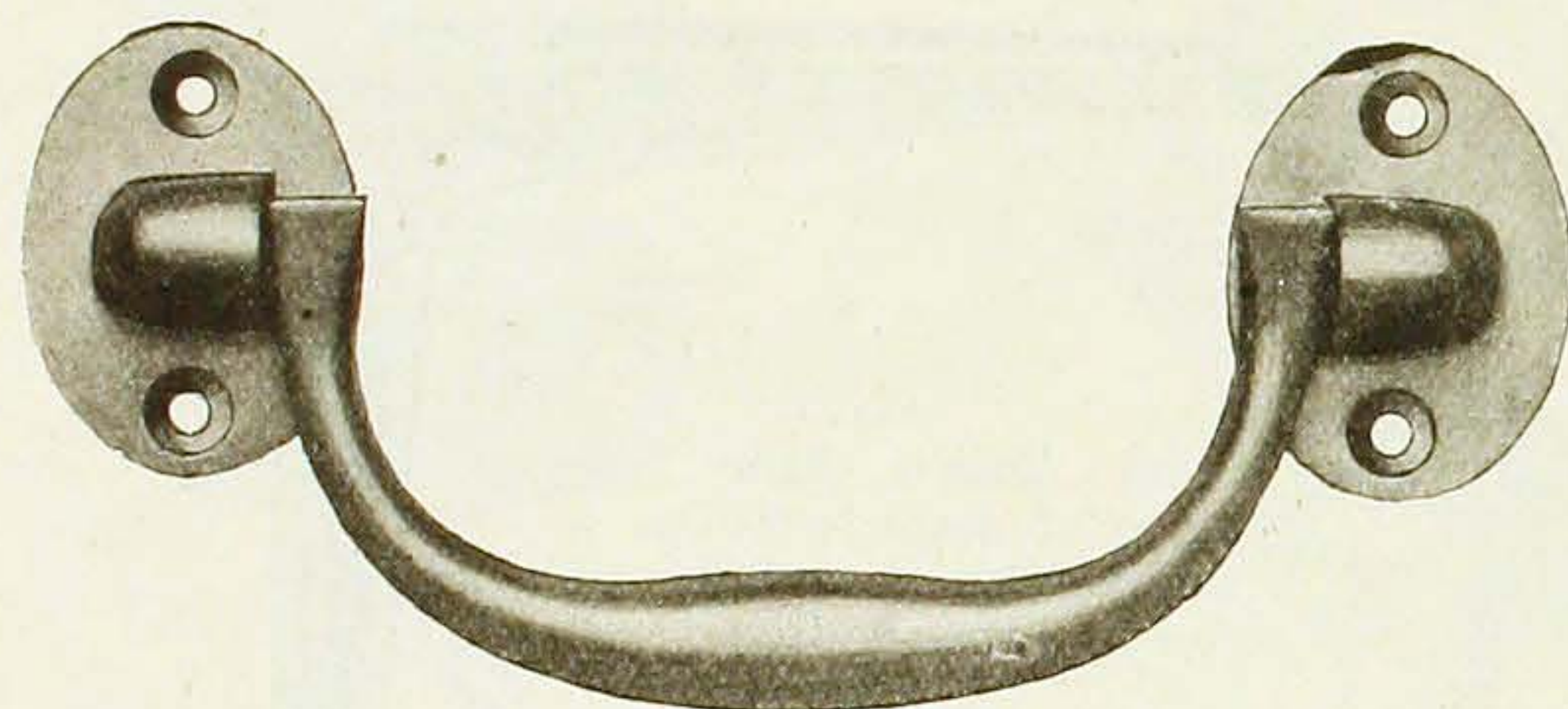
Brass	...	12/6	each.
C.B.&R. on Brass	...	22/-	"
B.M.A.	...	23/9	"



No. PHS*2895 Strong Cast.

*Stocked only in Brass and B.M.A.

		2" × 1 $\frac{3}{16}$ "		2 $\frac{1}{2}$ " × 1 $\frac{1}{2}$ "		3" × 1 $\frac{7}{8}$ "	
		doz.	each.	doz.	each.	doz.	each.
Dead Finish	...	15/10	1/4	17/2	1/6	19/8	1/9
Polished Brass	...	19/8	1/8	20/9	1/9	23/3	2/-
C. B. & R. on Brass	...	23/3	2/-	24/6	2/2	27/-	2/4
Bronze Metal Antique	...	24/6	2/2	27/-	2/4	29/6	2/8
Ox. Sil. on Brass	...	28/9	2/6	30/-	2/8	32/6	2/10



No. PHS*2900

Size	...	...	3"	3½"	4"	4½"	5"
Polished Brass	...	...	16/9	18/6	23/8	26/3	31/6 doz.
			1/6	1/7	2/-	2/3	2/8 each
C. B. & R. on Brass	...	...	19/3	21/-	27/3	30/8	36/9 doz.
			1/9	1/10	2/4	2/8	3/2 each.
Bronze Metal Antique	...	...	21/-	24/-	30/9	35/-	42/- doz.
			1/10	2/2	2/8	3/-	3/8 each.
Ox. Sil. on White Metal			28/-	32/6	39/6	45/6	52/6 doz.
			2/6	2/9	3/5	4/-	4/6 each.

The "Lincoln Imp."

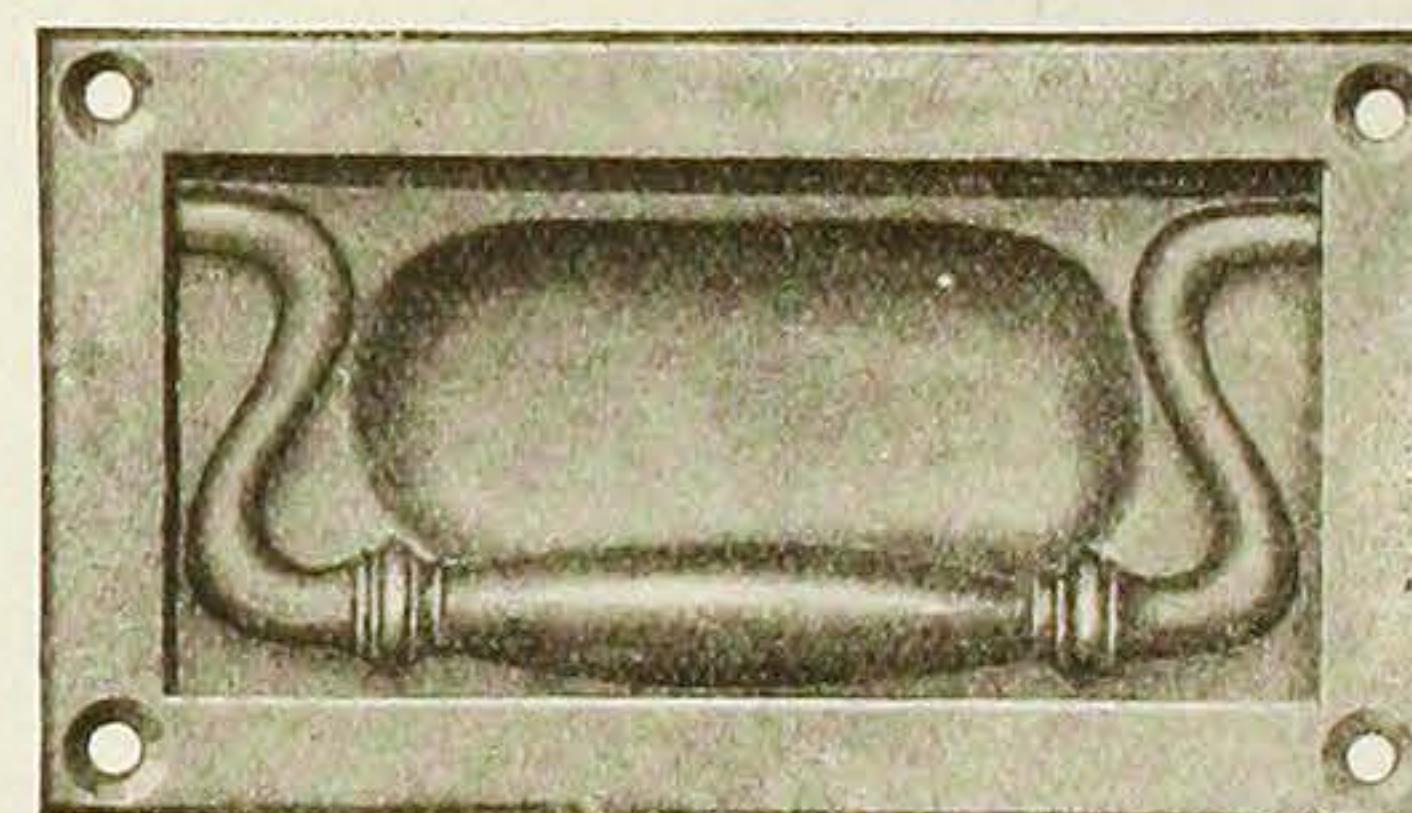


No. PHS*5618

Size 4" x 1 3/8"

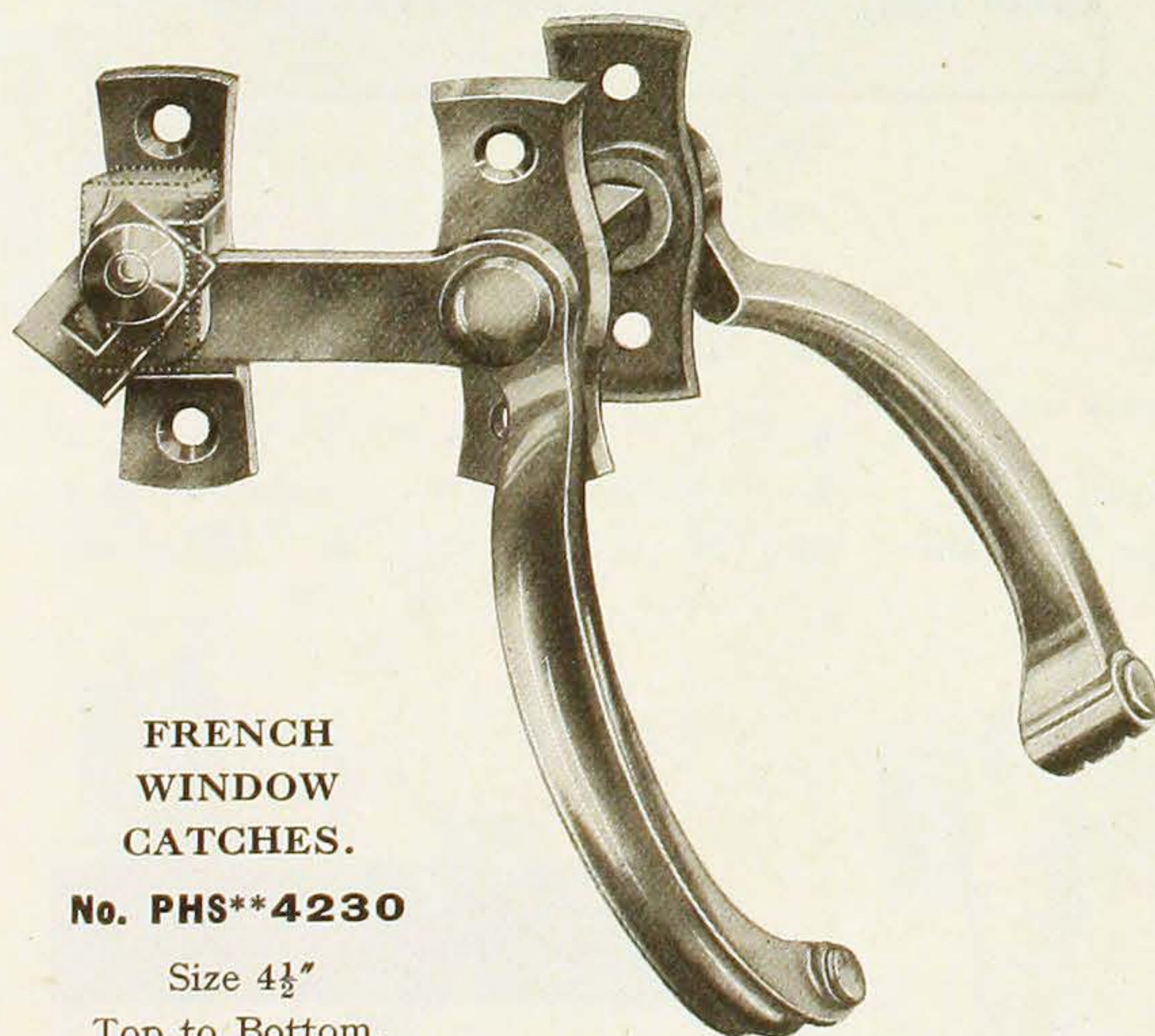
Antique Brass, 6/- each.

	$3\frac{1}{2}'' \times 2\frac{1}{8}''$		$4'' \times 2\frac{7}{8}''$	
	doz.	each.	doz.	each.
Dead Finish	27/-	2/4	32/-	2/9
Polished Brass	30/8	2/8	36/9	3/2
C. B. & R. on Brass	34/4	3/-	40/5	3/6
Bronze Metal Antique	38/-	3/3	46/8	4/-
Oxidized Silver on Brass	39/10	3/6	48/-	4/2



No. PHS*5895 Size 4 1/2" x 2 1/4"

Polished Brass	...	41/3	dozen.	3/6	each.
C. B. & R. on Brass	...	47/3	"	4/-	"
Bronze Metal Antique	...	50/-	"	4/3	"
Oxidized Silver on White Metal	...	63/-	"	5/4	"



FRENCH WINDOW CATCHES.

No. PHS**4230

Size 4 1/2"

Top to Bottom.

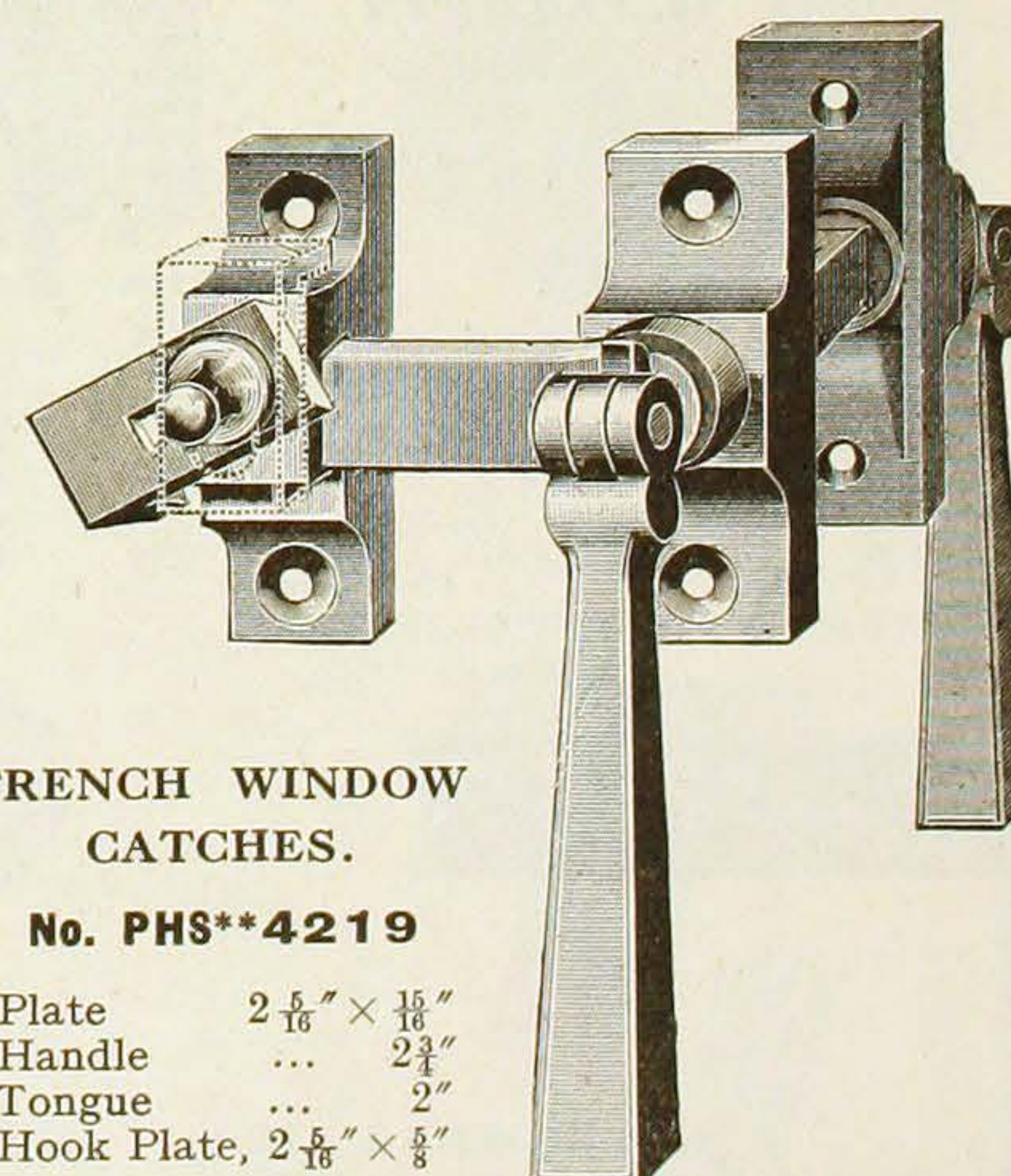
Berlin Black	...	3/6	each set.
Sheradized B.B.	...	4/6	" "
†Parwinac R.R.	...	4/6	" "
Polished Brass	...	11/6	" "
C. B. & R. on Brass	...	12/3	" "
Bronze Metal Antique	...	14/-	" "
†A Rust-resisting Art Black.			



No. PHS*2530

Size 7" x 2 1/2"

Polished Brass	...	6/3	each.
C.B.&R. on Brass	...	6/6	"
Bronze Metal Antique	...	8/-	"
Oxidized Silver on White Metal	...	10/6	"



FRENCH WINDOW CATCHES.

No. PHS**4219

Plate	2 5/8" x 1 5/8"
Handle	2 3/4"
Tongue	2"
Hook Plate	2 5/8" x 5/8"

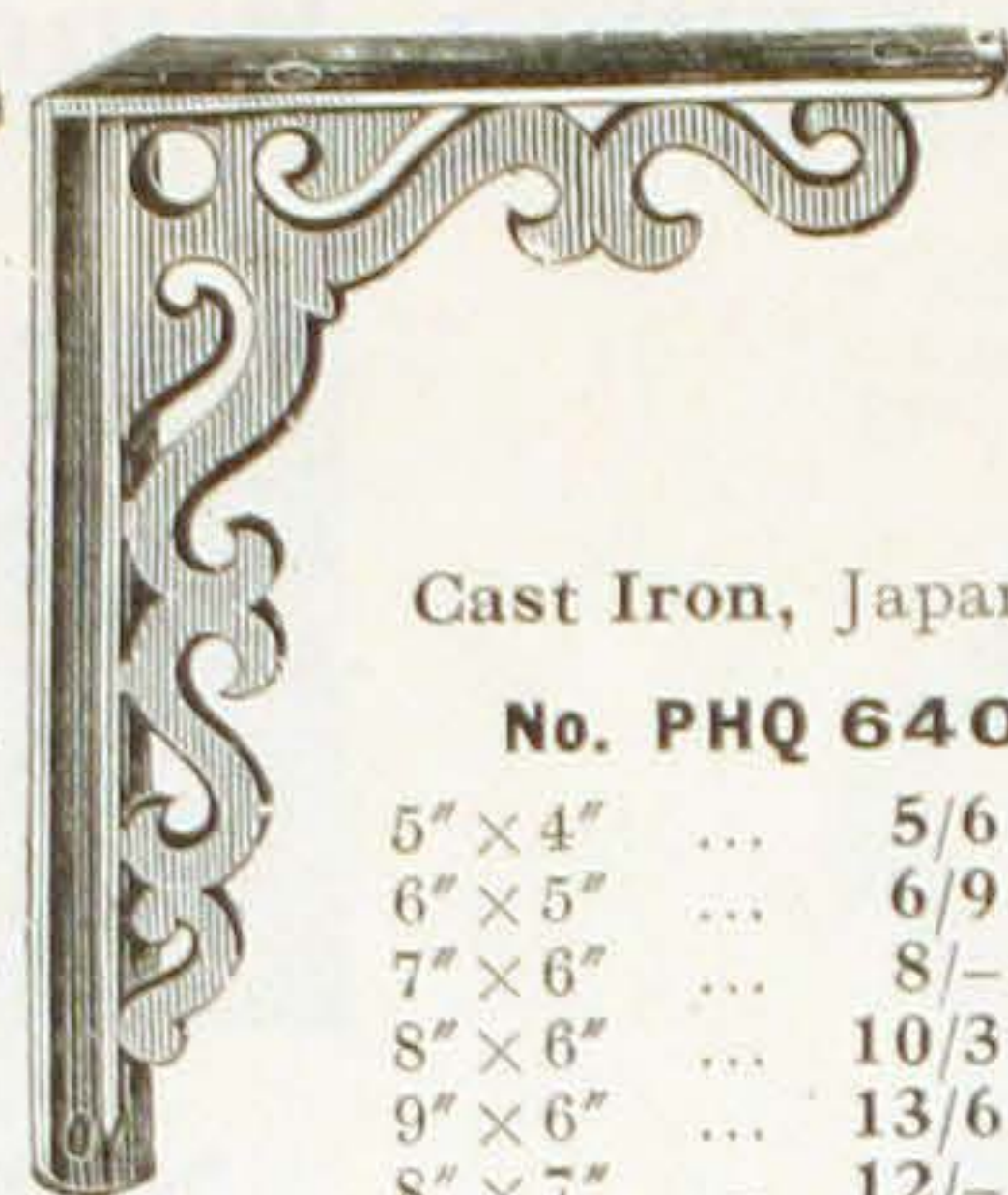
Berlin Black	...	3/2	each set.
Sheradized B.B.	...	3/8	" "
†Parwinac R.R.	...	3/8	" "
Polished Brass	...	8/9	" "
C. B. & R. on Brass	...	9/8	" "
Bronze Metal Antique	...	10/6	" "
†A Rust-resisting Art Black.			

Shelf Brackets and Connecting Plates.

Wrought Steel.
Shelf Brackets, Japanned.

No. PHS 6410

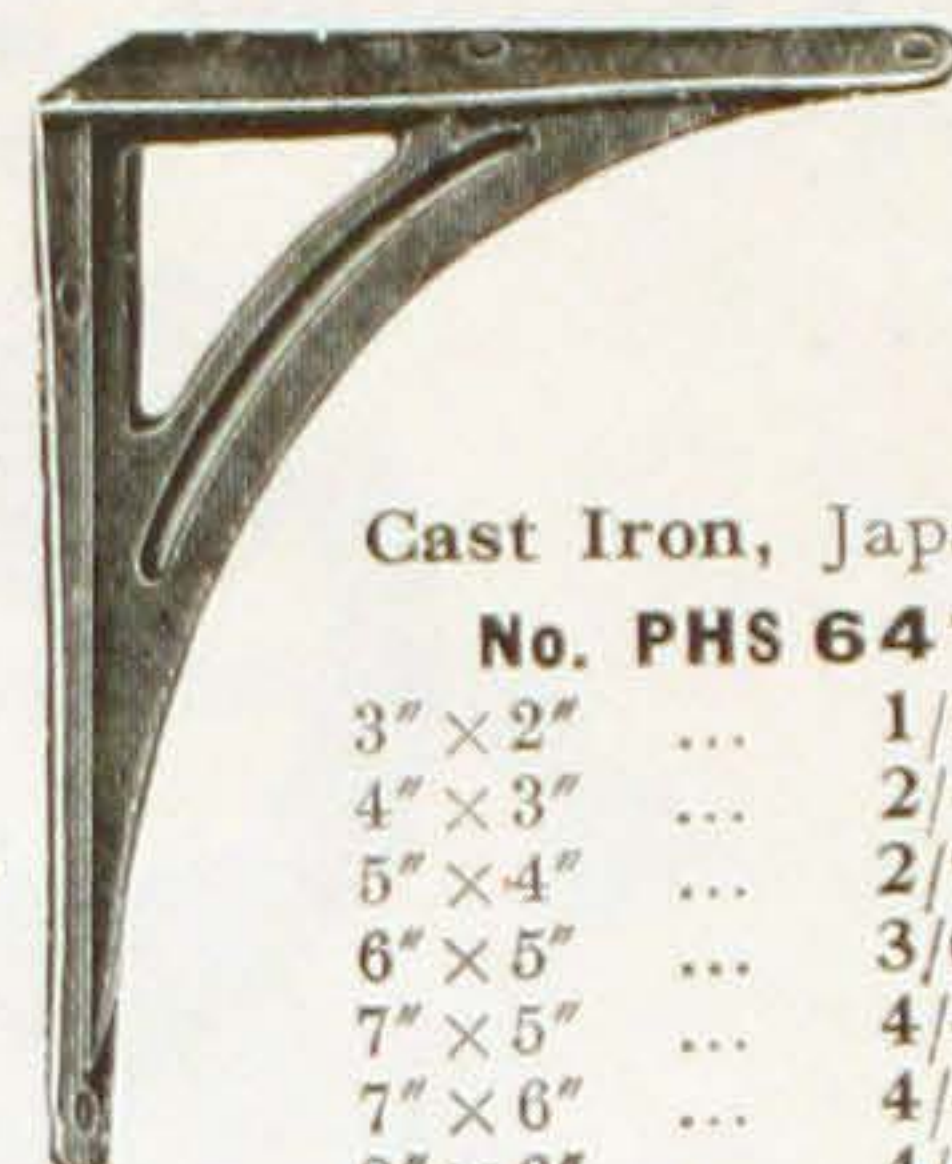
4" x 3"	4/2 dozen.
5" x 4"	4/5 "
6" x 5"	5/- "
8" x 6"	5/9 "
9" x 7"	6/8 "
10" x 8"	7/6 "
12" x 10"	11/- "
14" x 12"	16/6 "



Cast Iron, Japanned.

No. PHQ 6408

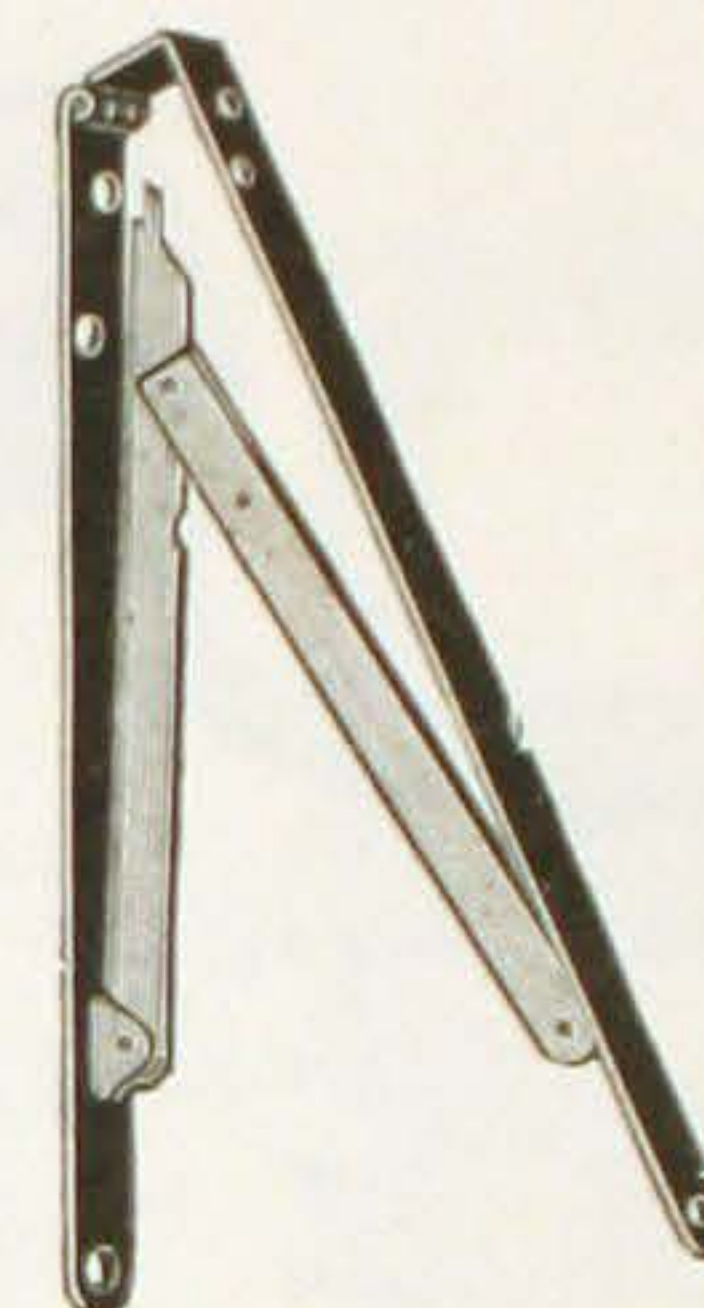
5" x 4"	5/6 dozen.
6" x 5"	6/9 "
7" x 6"	8/- "
8" x 6"	10/3 "
9" x 6"	13/6 "
8" x 7"	12/- "
10" x 8"	14/3 "
11" x 9"	15/9 "
12" x 10"	17/3 "
14" x 12"	20/6 "



Cast Iron, Japanned.

No. PHS 6413

3" x 2"	1/8 dozen.
4" x 3"	2/- "
5" x 4"	2/9 "
6" x 5"	3/6 "
7" x 5"	4/- "
7" x 6"	4/- "
8" x 6"	4/6 "
8" x 7"	4/9 "
9" x 7"	5/8 "
10" x 8"	6/3 "
12" x 10"	9/6 "
14" x 12"	14/3 "
16" x 14"	17/6 "
18" x 15"	24/6 "

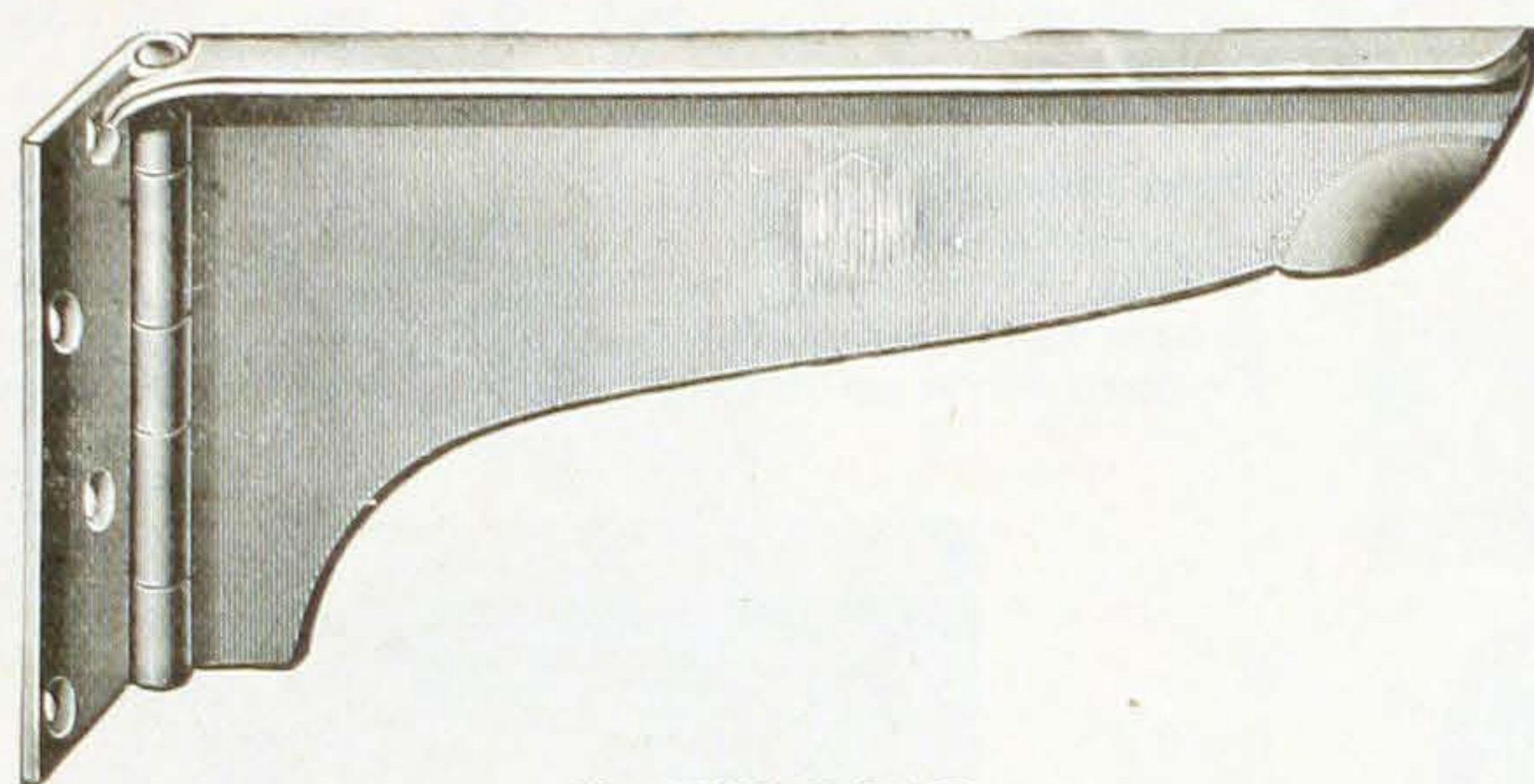


No. PHS 6409

Folding.

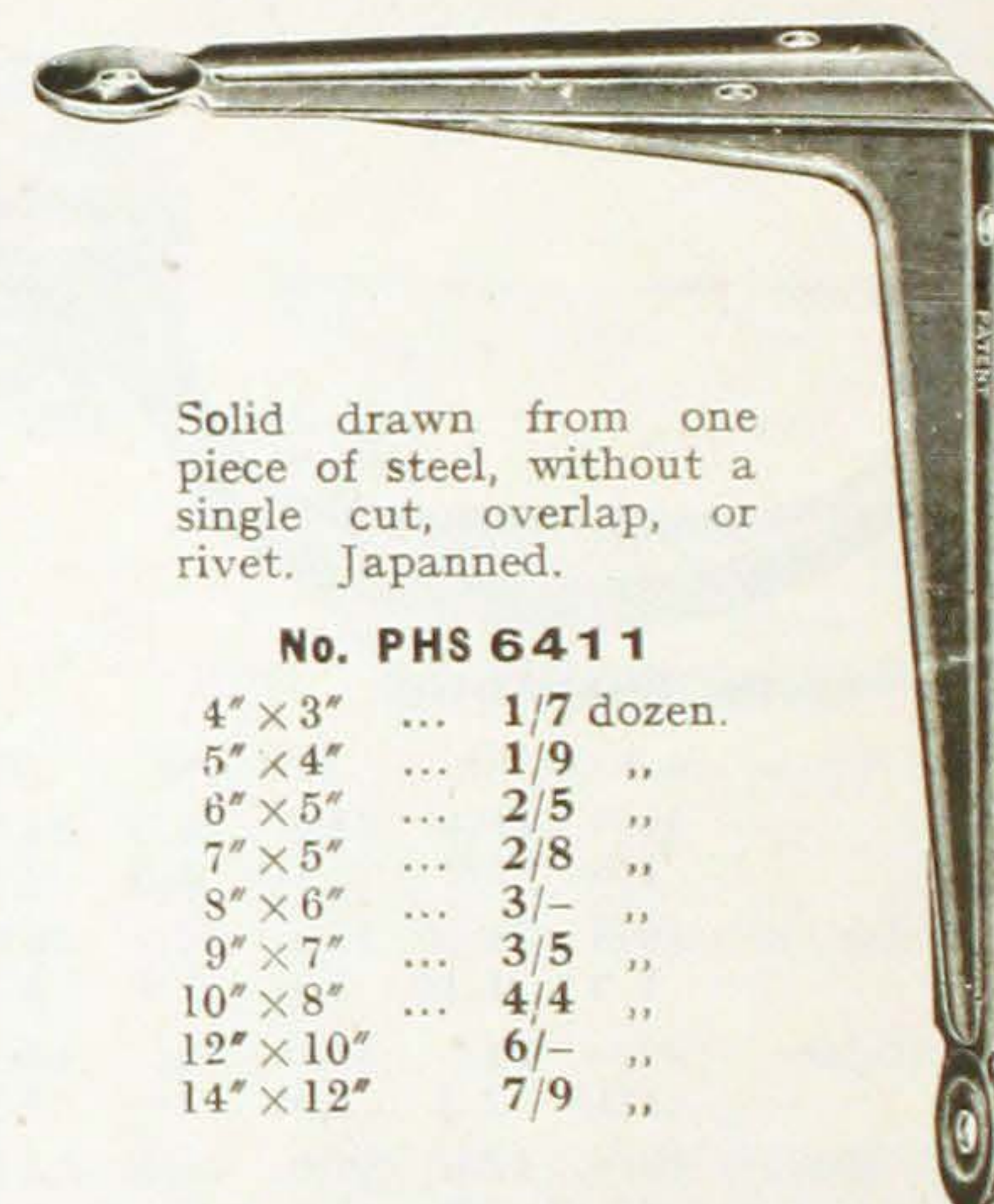
The best bracket for folding shelves. Locks automatically when open and shelves can be let down out of the way quickly and easily.

Size.	doz.	per pairs.	pair.
6" x 6"	27/8		2/5
8" x 8"	31/6		2/9
10" x 10"	36/9		3/2
12" x 12"	51/3		4/5
14" x 14"	63/-		5/6
16" x 16"	78/9		6/9
18" x 18"	105/-		9/-
21" x 21"	131/3		11/2



No. PHQ 6807

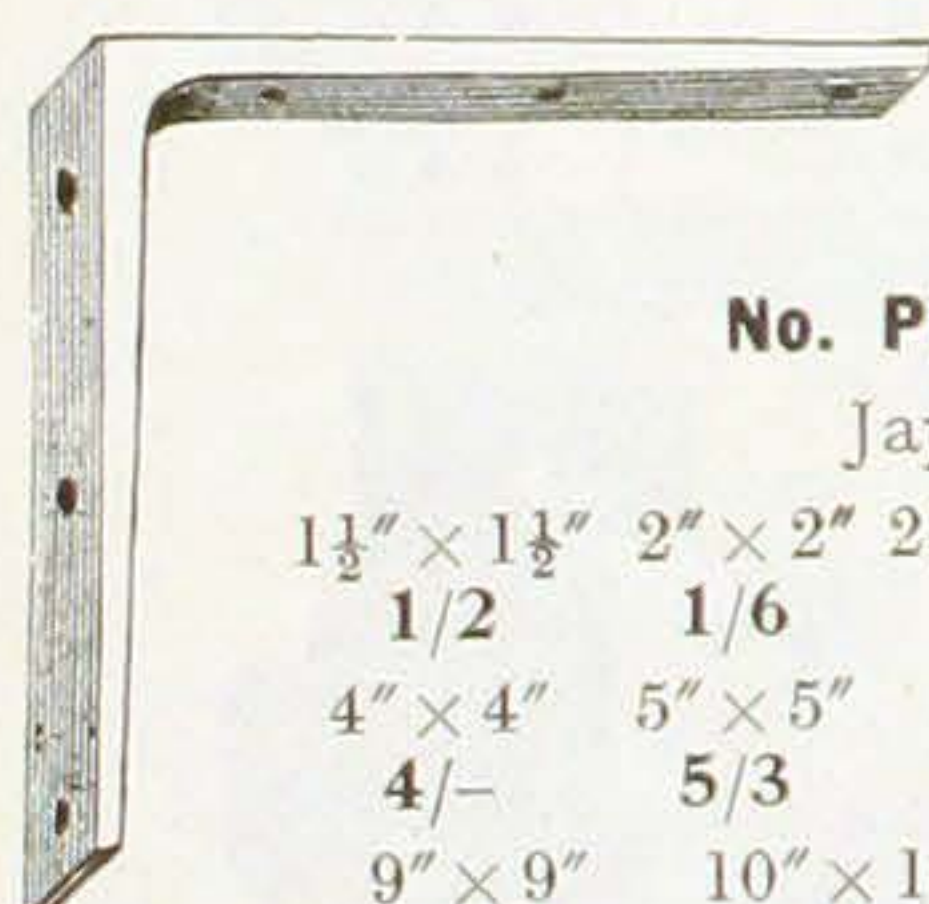
Size (To project)	6"	8"	10"	12"
Per dozen pairs	8/8	12/6	17/4	25/-
Countersunk for Screw No.	8	10	10	10
Holes, per pair	6	8	8	8
Width of Short Flap	3"	4"	5"	6"
Average weight per dozen pairs, lbs.	6½	11½	21	31½



No. PHS 6411

4" x 3"	1/7 dozen.
5" x 4"	1/9 "
6" x 5"	2/5 "
7" x 5"	2/8 "
8" x 6"	3/- "
9" x 7"	3/5 "
10" x 8"	4/4 "
12" x 10"	6/- "
14" x 12"	7/9 "

Solid drawn from one piece of steel, without a single cut, overlap, or rivet. Japanned.



No. PHQ 6814

Japanned.

1½" x 1½"	2" x 2"	2½" x 2½"	3" x 3"	3½" x 3½"
1/2	1/6	1/9	2/9	3/6
4" x 4"	5" x 5"	6" x 6"	7" x 7"	8" x 8"
4/-	5/3	7/-	10/2	14/6
9" x 9"	10" x 10"	12" x 12"	4" x 5"	
20/3	24/6	35/-	6/2	
4" x 6"	5" x 6"	5" x 7"		
7/6	8/4	10/6		
6" x 7"	7" x 8"			
11/2	15/- dozen.			



No. PHQ 6815

Japanned.

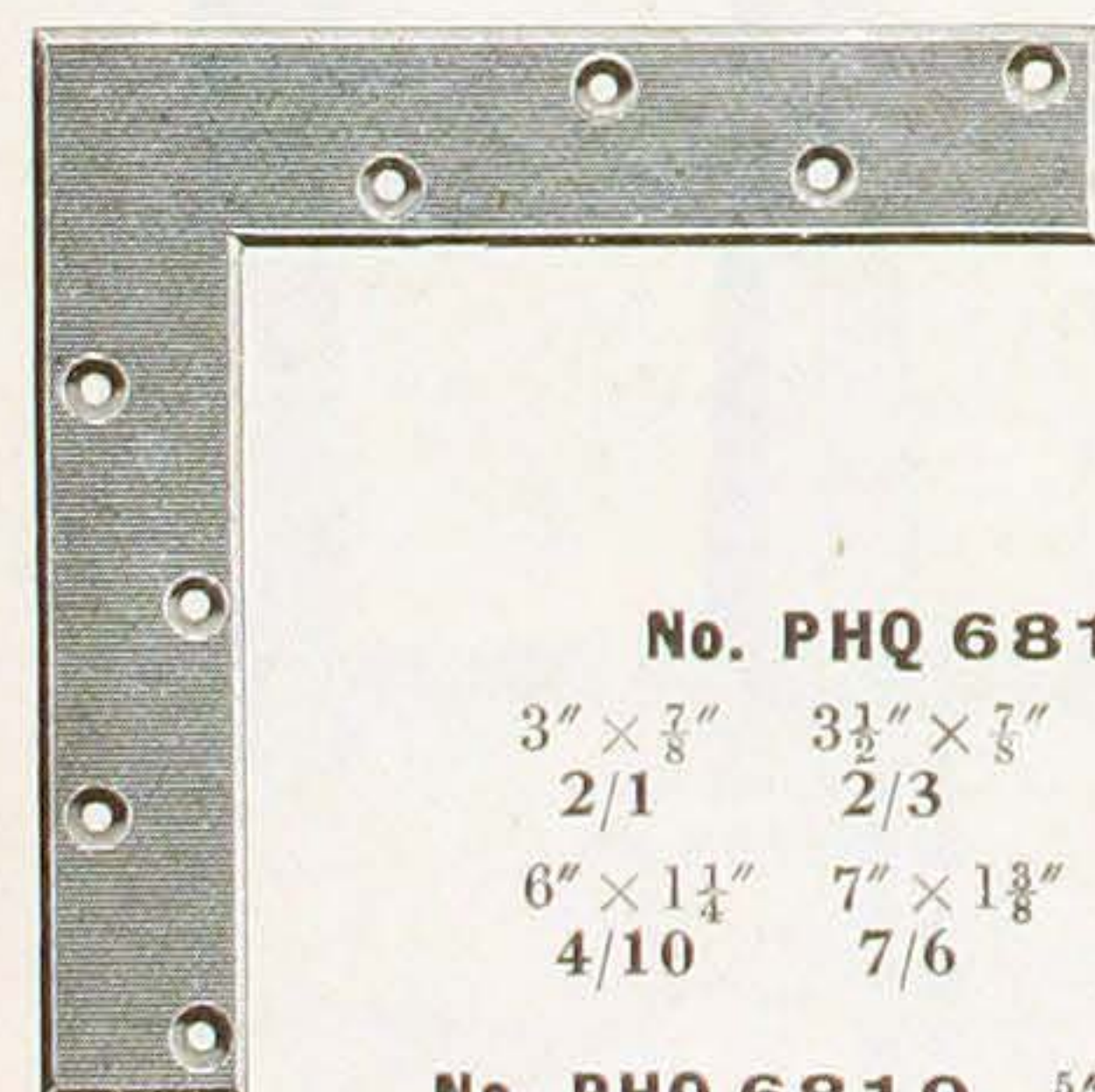
4" x 5"	7/- dozen.
5" x 6"	8/9 "
6" x 7"	10/6 "
6" x 8"	13/3 "
8" x 10"	19/3 "
10" x 12"	28/- "
12" x 14"	35/- "



10" (¼ Full Size).

No. PHQ 6808

Size, length	4"	6"	8"	10"	12"	14"	16"
Per gross	34/2	37/2	41/2	45/10	52/2	59/2	67/3
Countersunk for Screw No.	8	8	8	8	8	8	8
Holes in each	6	6	8	8	8	8	8
Weight per gross, lbs.	16½	26	50	62	66	67	75

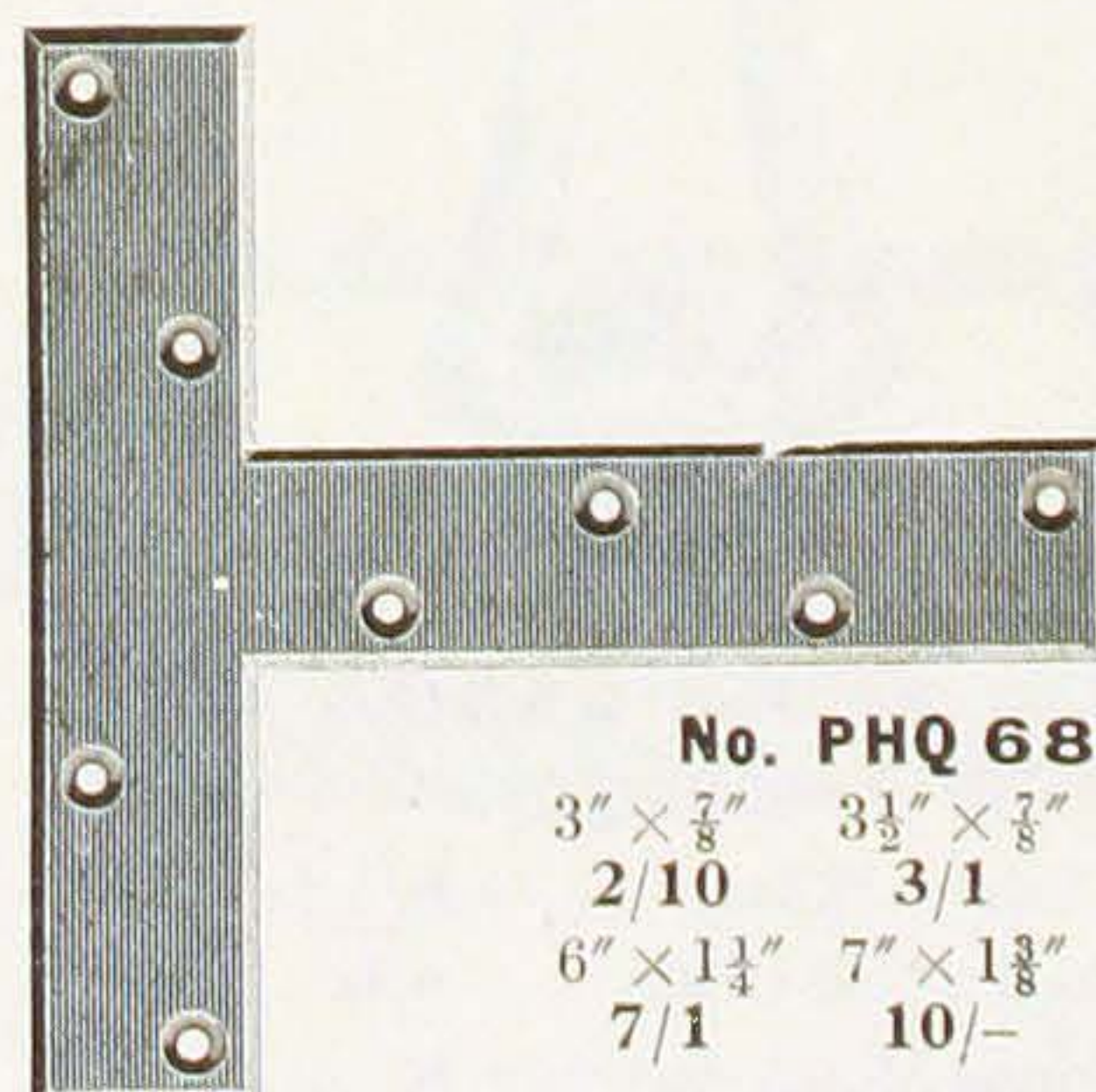


No. PHQ 6811 Black.

3" x 7"	3½" x 7"	4" x 1"	5" x 1½"
2/1	2/3	3/-	3/10
6" x 1½"	7" x 1½"	8" x 1½"	
4/10	7/6	8/10 dozen.	

No. PHQ 6810 ½" wide. Black.

2"	2½"	3"	3½"	4"	5"	6"
1/1	1/2	1/4	1/8	2/-	2/3	2/8 doz.



No. PHQ 6812 Black.

3" x 7"	3½" x 7"	4" x 1"	5" x 1½"
2/10	3/1	3/10	5/4
6" x 1½"	7" x 1½"	8" x 1½"	
7/1	10/-	11/9 dozen.	

No. PHQ 6809 ½" Black.

2"	2½"	3"	3½"	4"	5"	6"
1/2	1/6	2/-	2/5	2/8	3/7	4/6 doz.



No. PHQ 6813 Black.

2½" x 7"	3" x 7"	3½" x 1"
1/-	1/2	1/4 dozen.
4" x 1½"	5" x 1½"	6" x 1½"
1/6	2/3	3/- dozen.
7" x 1½"	8" x 1½"	
4/5	6/- dozen.	

Any other sizes quoted for.

Fanlight Catches, Stays, etc.

*Stocked only in
Brass and B.M.A.
**Stocked only in Iron

QUADRANT STAY.

As shewn.

No. PHS*1805

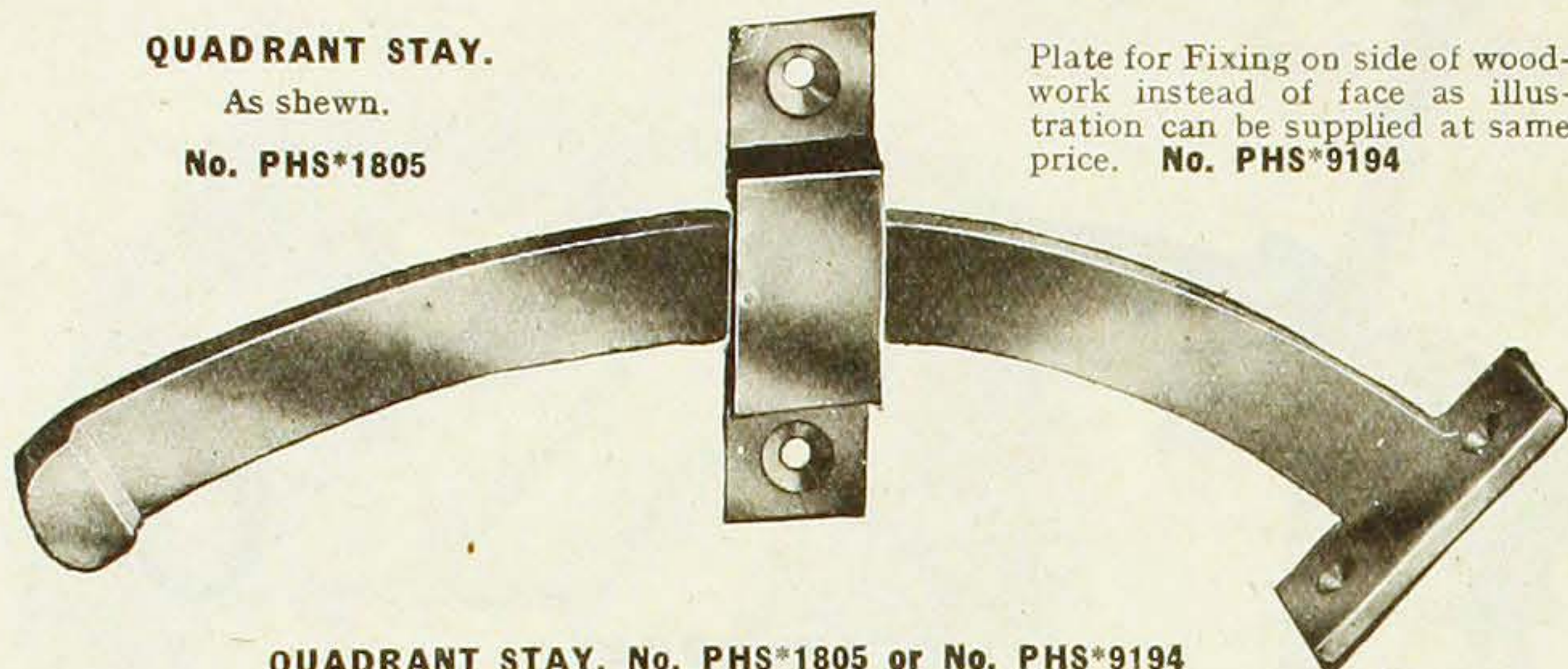
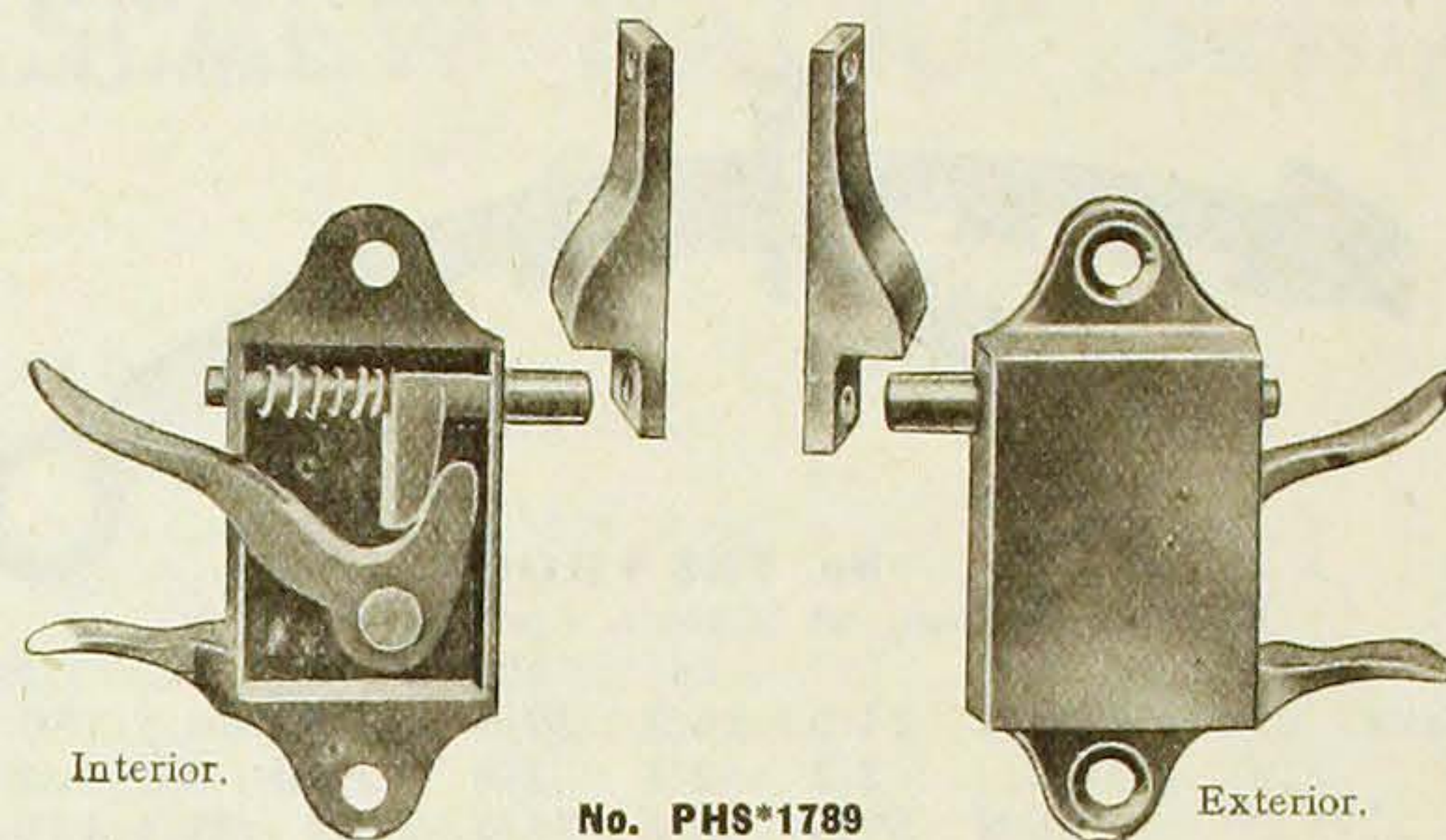


Plate for Fixing on side of woodwork instead of face as illustration can be supplied at same price. No. PHS*9194

QUADRANT STAY. No. PHS*1805 or No. PHS*9194

	Sanded Brass.	Polished Brass.	C.B.&R. on Brass.	Bronze Metal
	doz. pairs.	doz. pairs.	doz. pairs.	Antique.
Size 6"	38/-	46/8	53/8	58/4
" 7"	42/6	54/4	62/6	68/2
" 8"	47/3	62/-	71/6	77/7
" 9"	56/8	74/6	85/9	93/2



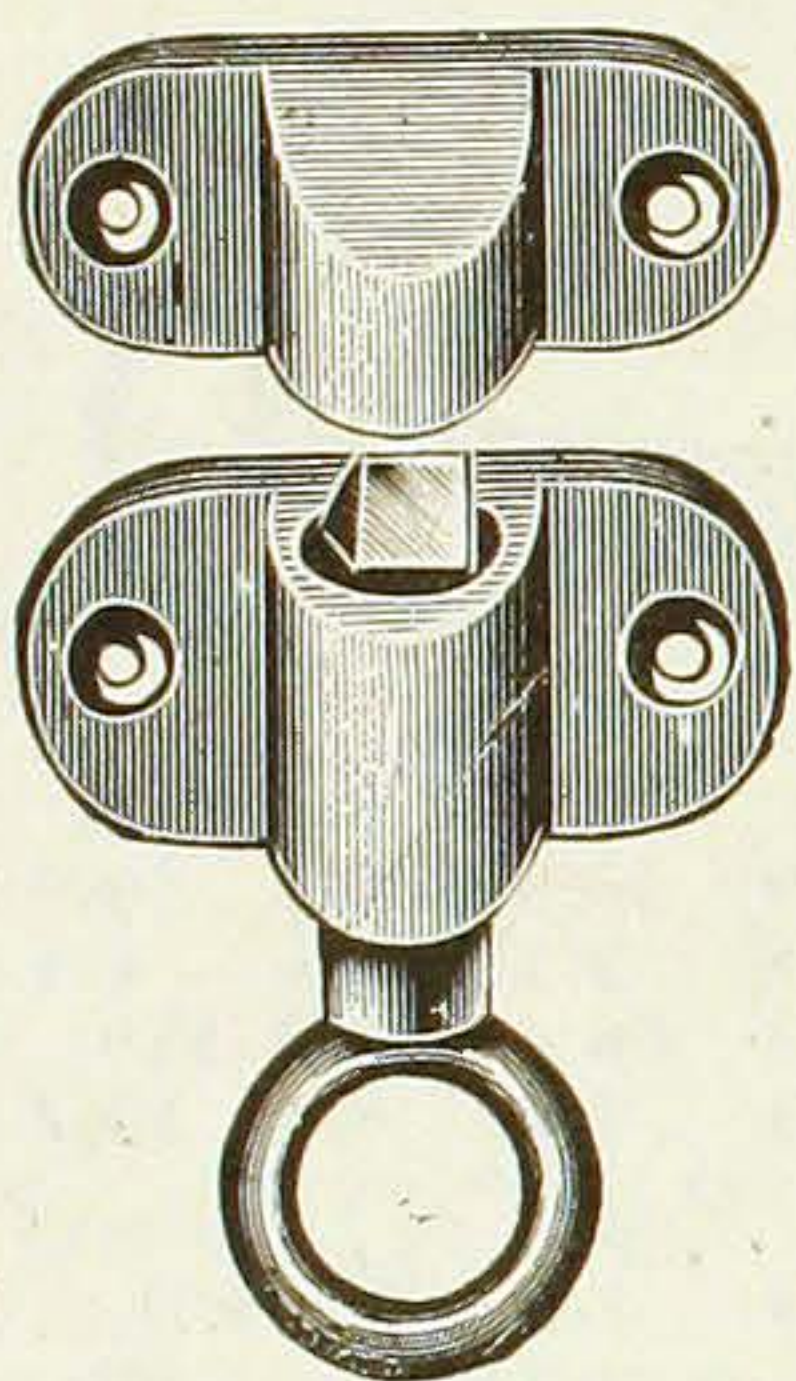
Interior.

No. PHS*1789

Exterior.

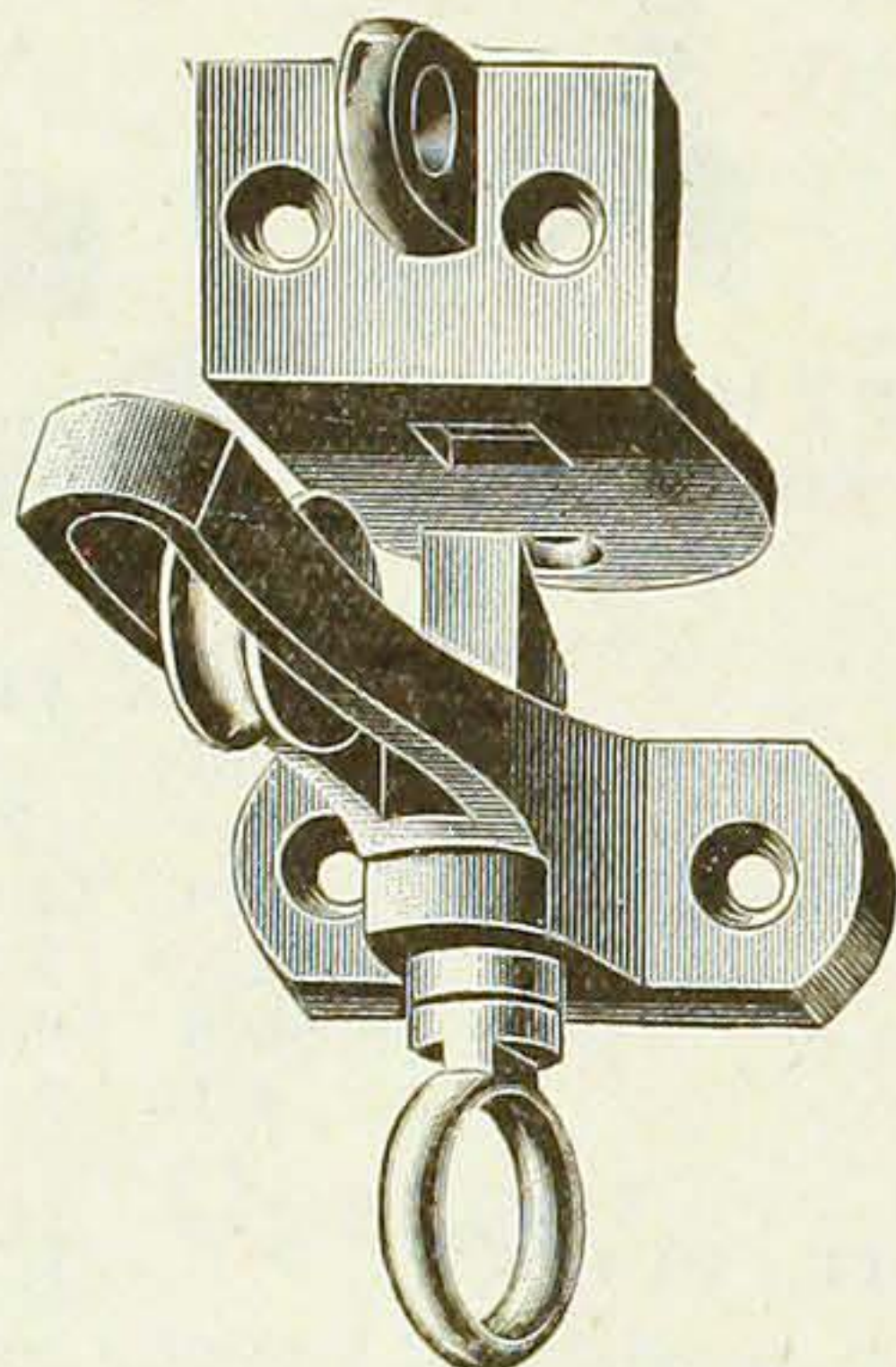
This is a very strong Spring Catch of a neat design. Size 2 1/4" x 1 1/4"

	dozen.	each.
Polished Brass	31/6	2/9
C. B. & R. on Brass	34/3	3/-
Bronze Metal Antique	35/-	3/2



No. PHS*1692

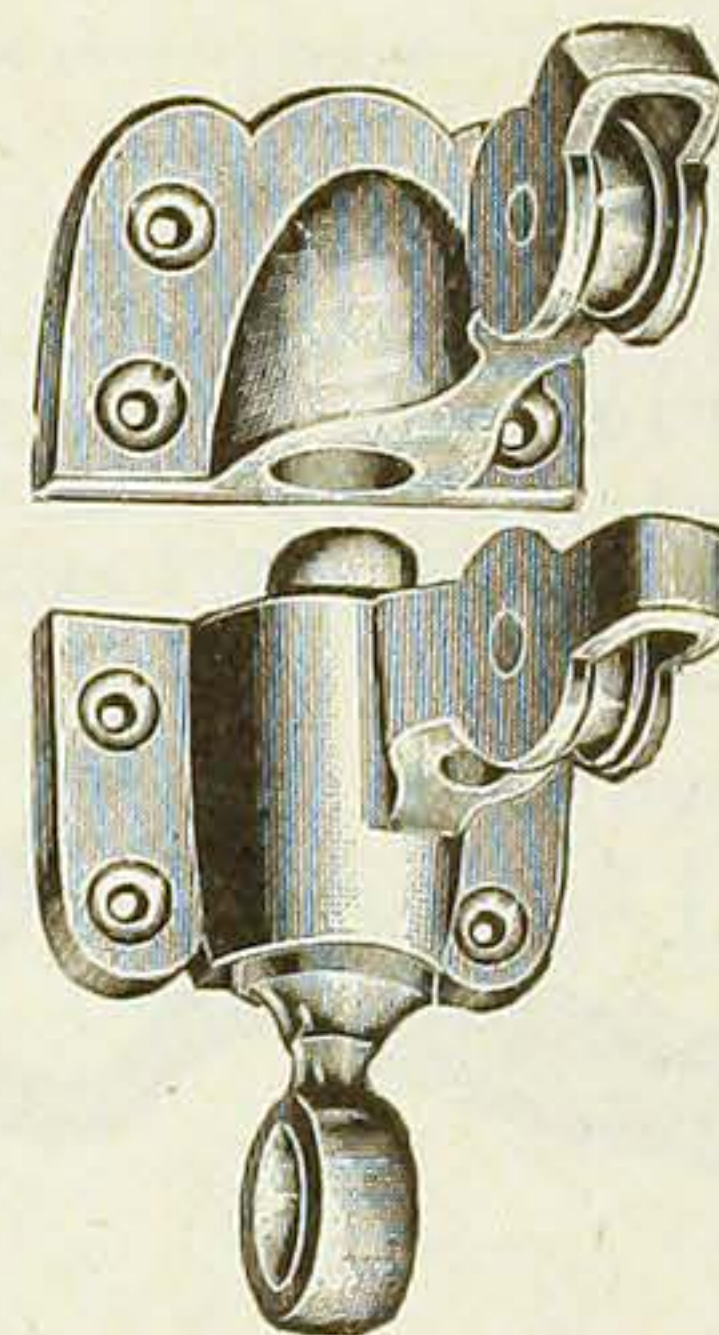
	2 1/4" x 1 1/4"	2" x 1"
Sanded Brass	28/-	21/6 dozen.
Polished Brass	29/4	21/6
C.B. & R. on Brass	32/-	24/2
Bronze Metal Antique	39/2	28/8
Oxidized Silver on White Metal	45/2	34/8



No. PHS*1683

For Lights recessed 1/4". School Board Pattern.

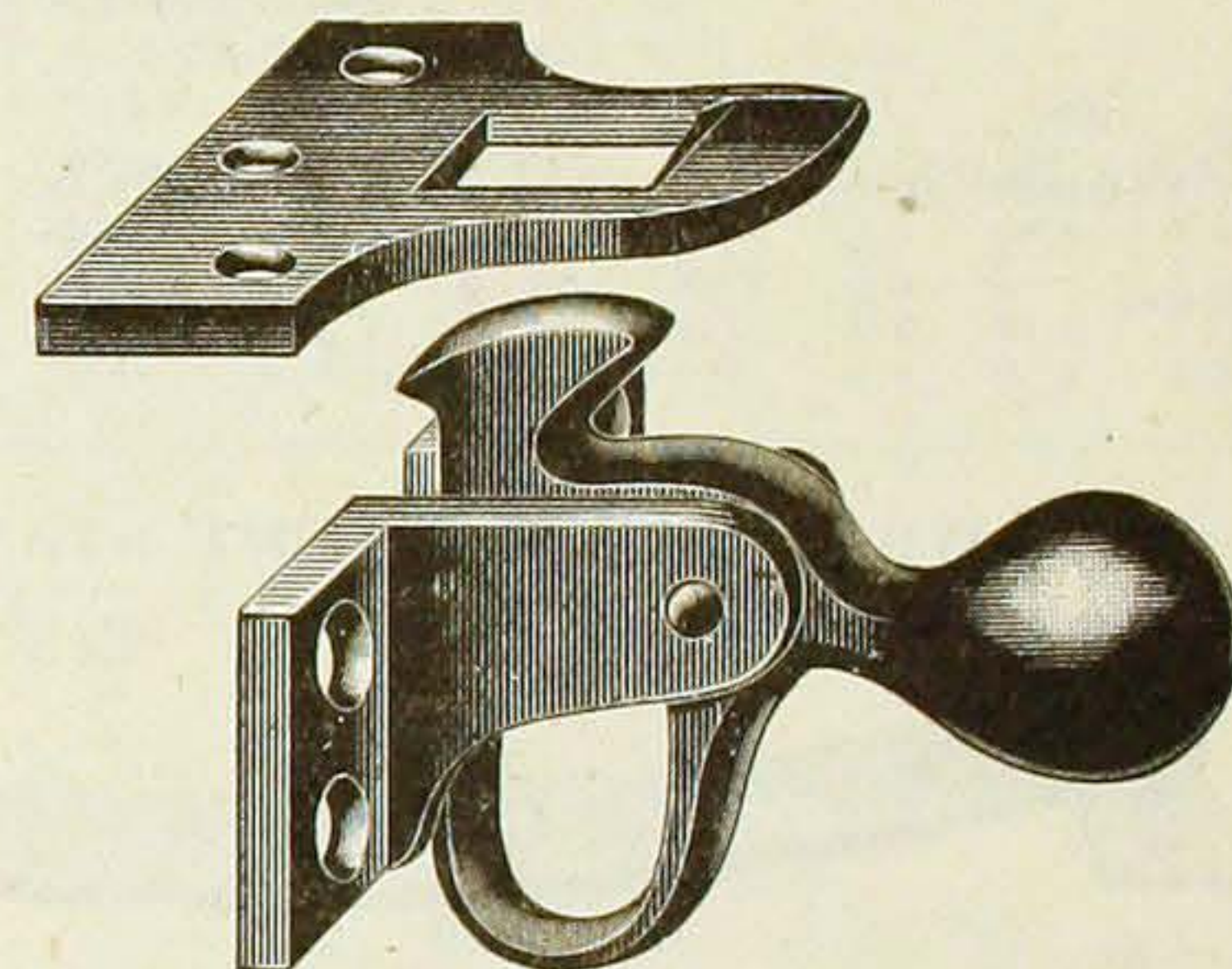
	Polished C.B. & R.	Ox. Silver
	Brass. on Brass.	B.M.A. on white Metal.
Size 2 1/4" x 2 1/4"	35/-	40/3
	3/2	3/6
	47/3	47/3
	4/2	52/6 dozen.
		4/7 each.



Size 1 1/4" x 1 1/4"

Improved Bissell's Pattern.

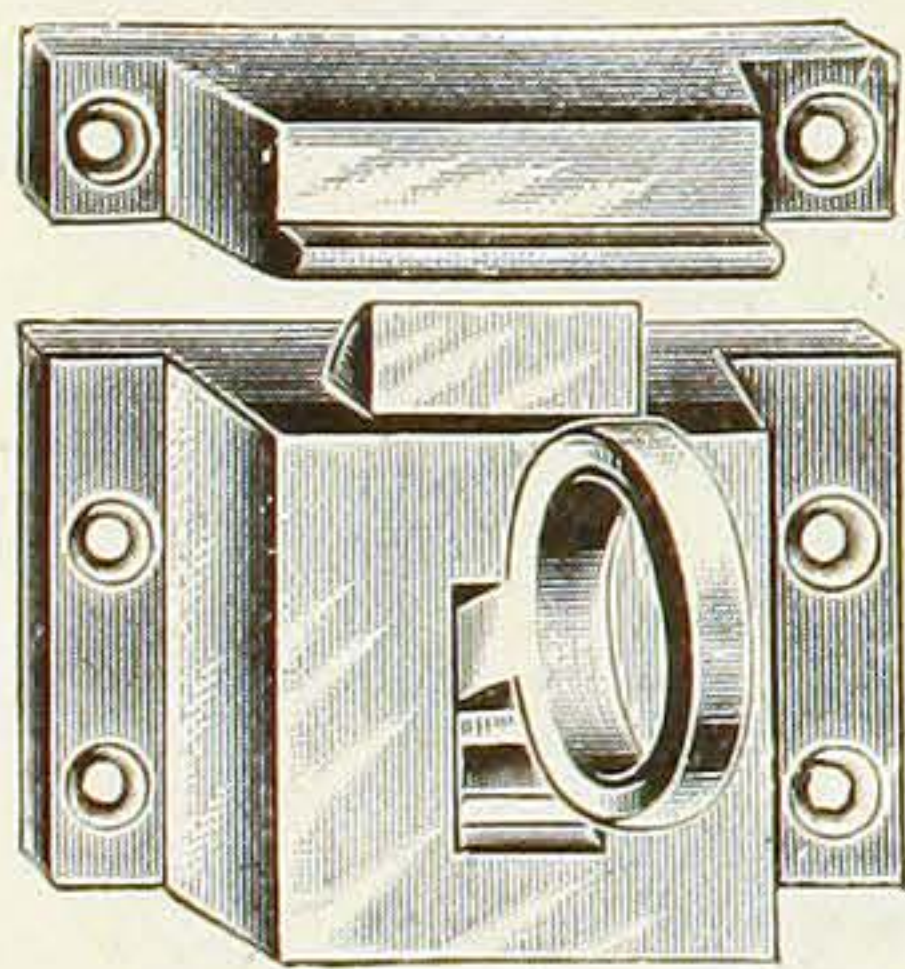
	No. PHS 1681	Malleable Iron, Bronzed	31/6 dozen.
	No. PHS 1682	Polished Brass	38/6



No. PHS*1693

To work with long arm.

	dozen.	each.
Japanned Iron	18/6	1/8
Polished Brass	40/3	3/6
Bronze Metal Antique	47/3	4/2



No. PHS 1834

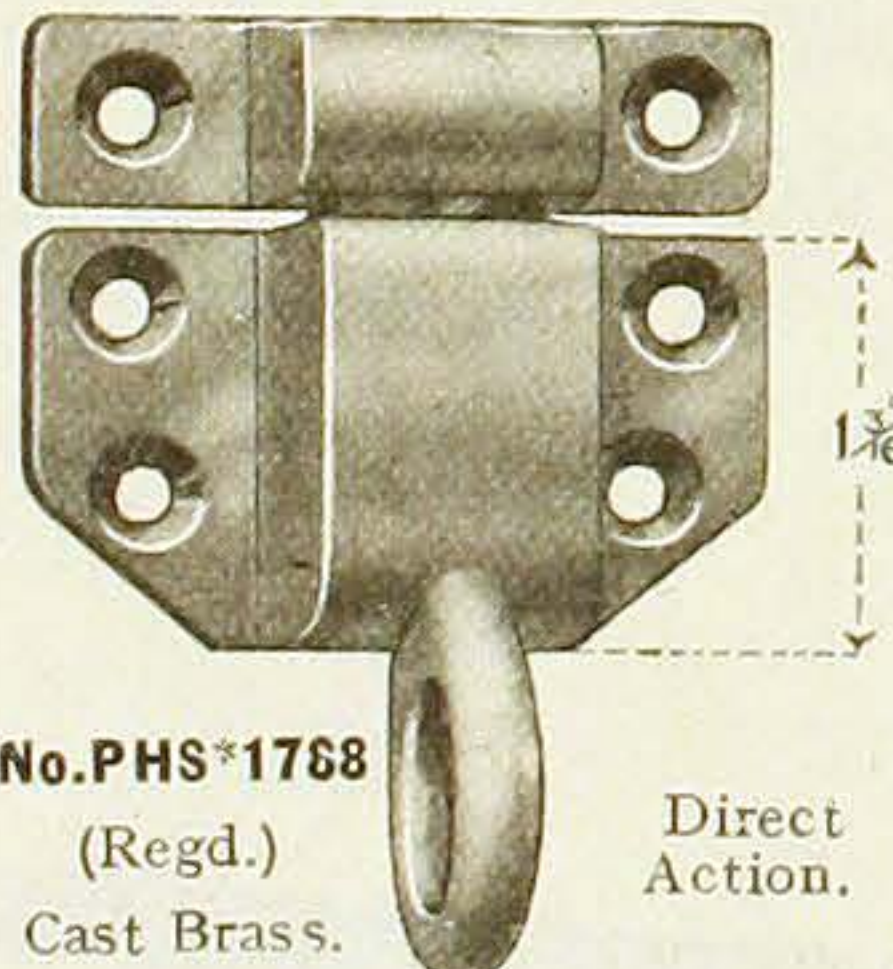
Machine-made, Brass, 2 1/4" x 1 1/4"

17/6 per dozen.

No. PHS 1835

Art Black Steel, 2 1/4" x 1 1/4"

10/6 per dozen.

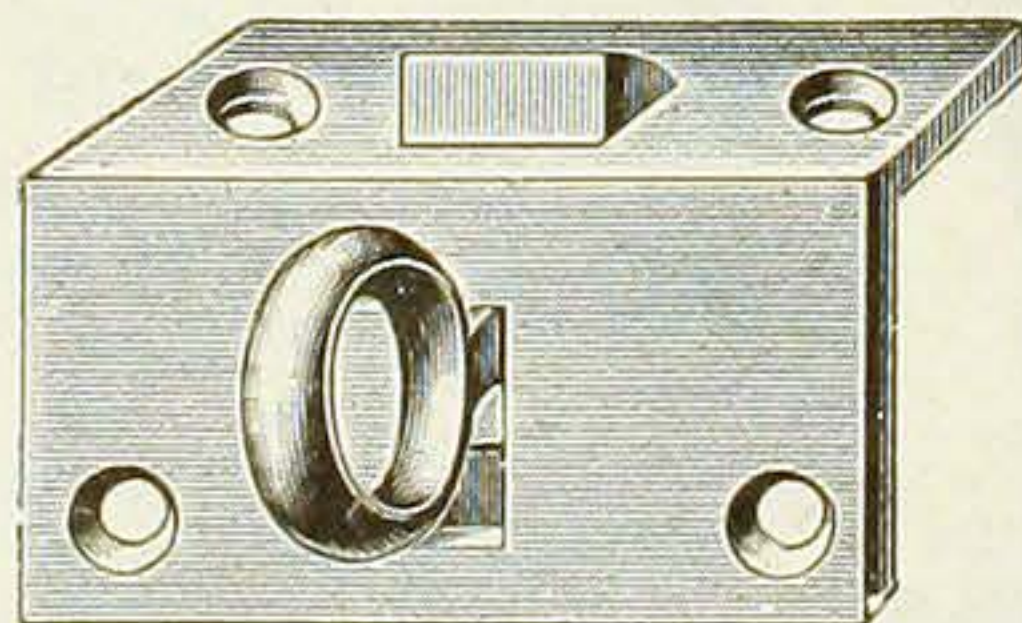


No. PHS*1768

(Regd.)

Cast Brass.

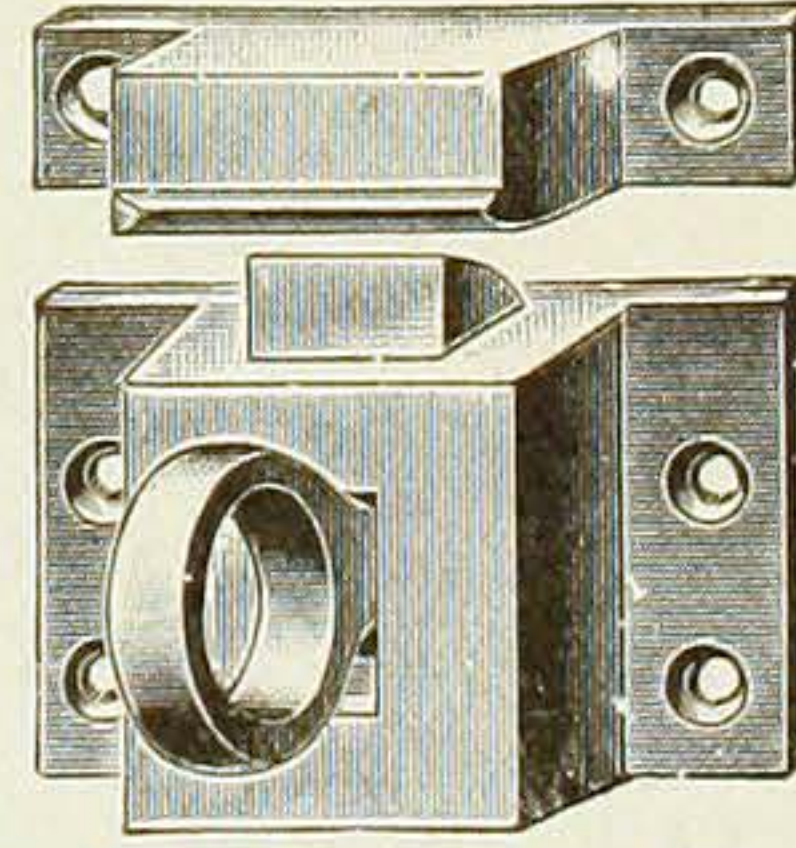
Sanded, 2 1/4" wide x 1 1/4" 28/- dozen, 2/6 each.
Gun-metal, Sanded. 31/6 dozen, 2/9 each.
Real B.M.A. 35/- dozen, 3/- each.



No. PHS*1694

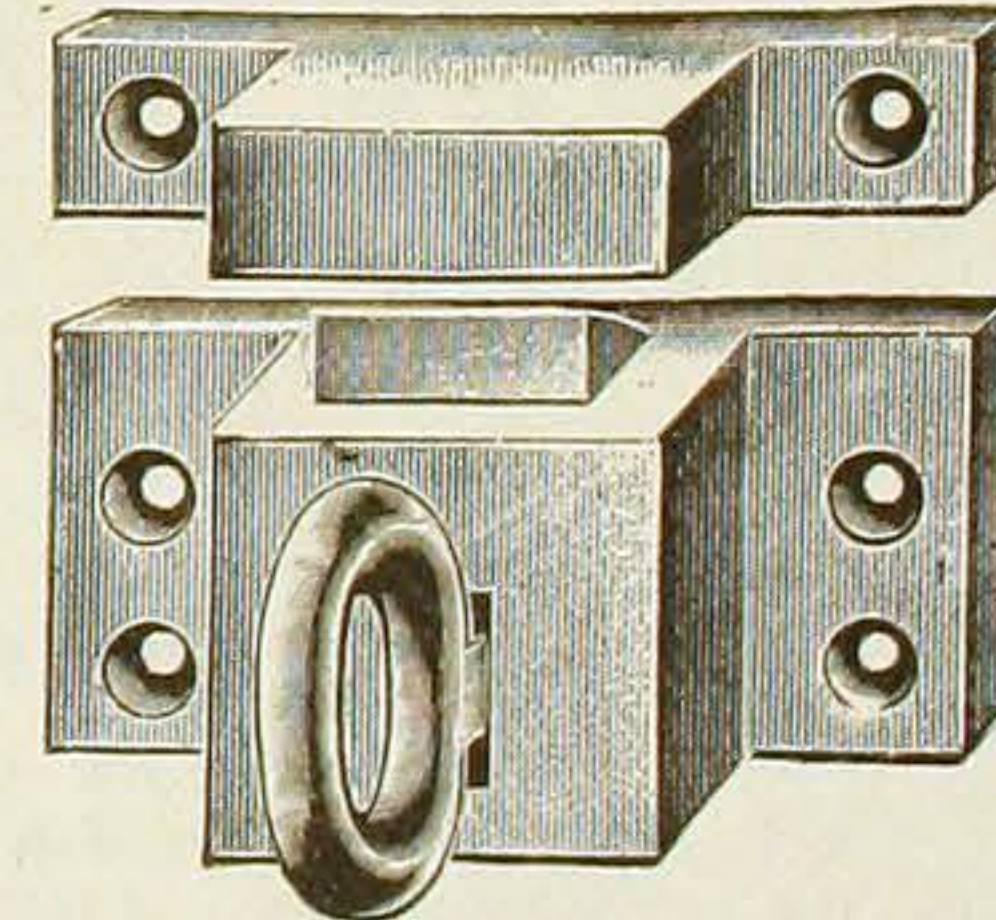
Quadrant Action.

	1" x 2"	1 1/4" x 2 1/4"
Brass, Sanded	36/9	44/3 dozen.
C. B. & R. on Brass	44/9	52/-
Bronze Metal Antique	47/3	56/-
Ox. Silver on Brass	50/-	58/9



No. PHS 1689 Quadrant Action.

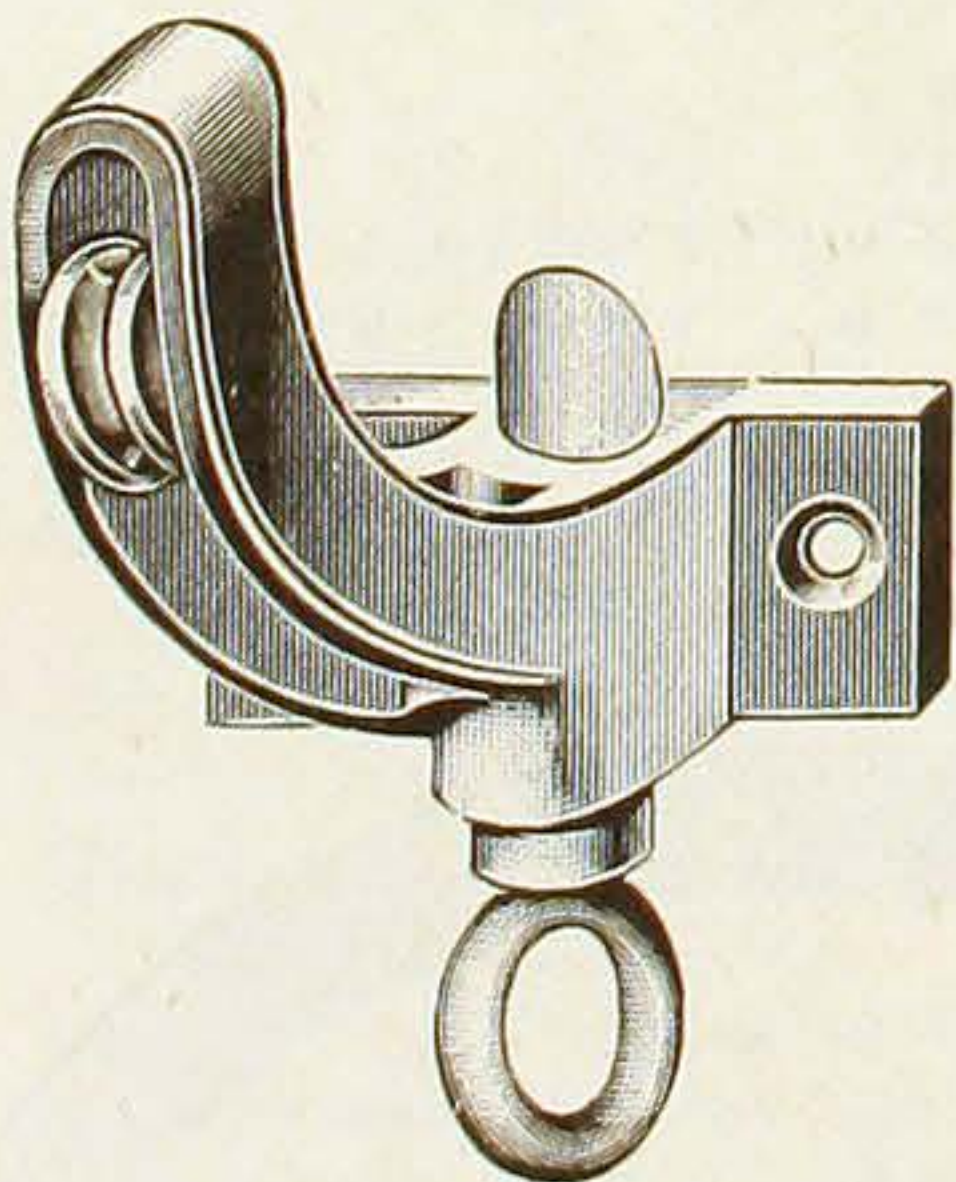
	Polished Brass.	Polished Bronze Metal.
Size.	dozen.	dozen.
1 1/4" x 1 1/4"	38/-	47/9
2" x 1 1/4"	39/3	49/-
2 1/4" x 1 1/4"	44/3	55/3
2 1/2" x 1 1/4"	56/6	69/9



No. PHS*1836 Strong Cast.

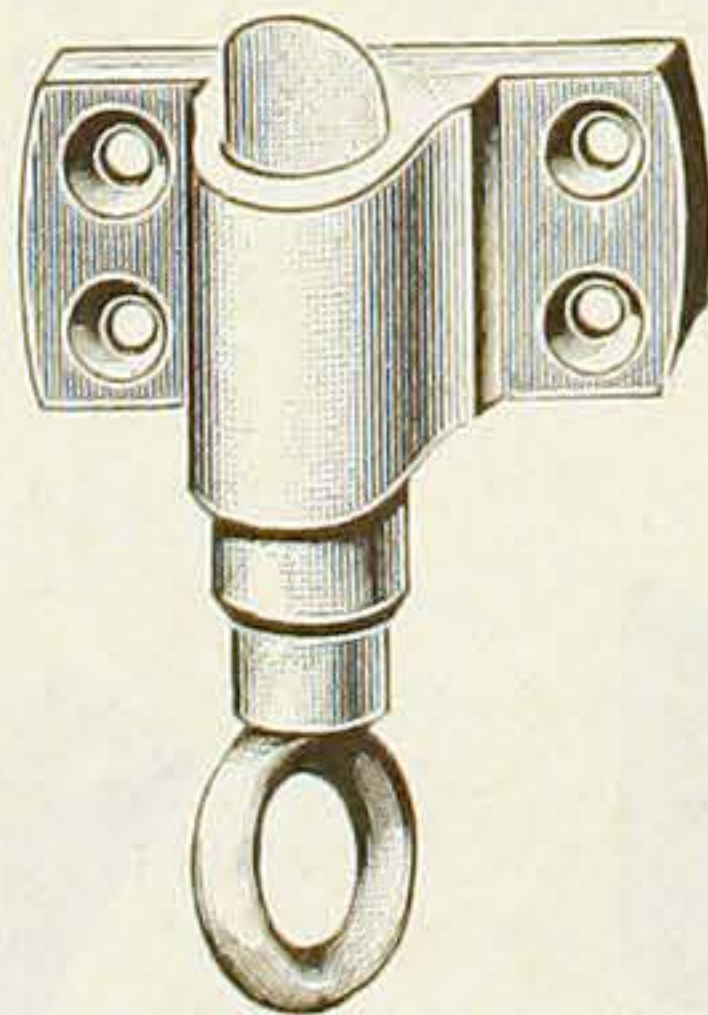
	2 1/4" x 1 1/4"	3" x 1 1/4"
Gun Metal	32/10	— dozen.
Polished Brass	28/-	47/9
C. B. & R. on Brass	30/9	50/4
Bronze Metal Antique	39/6	64/-
Ox. Sil. on White Metal	45/2	69/8

PULLEYS TO OPEN AND CLOSE FANLIGHTS



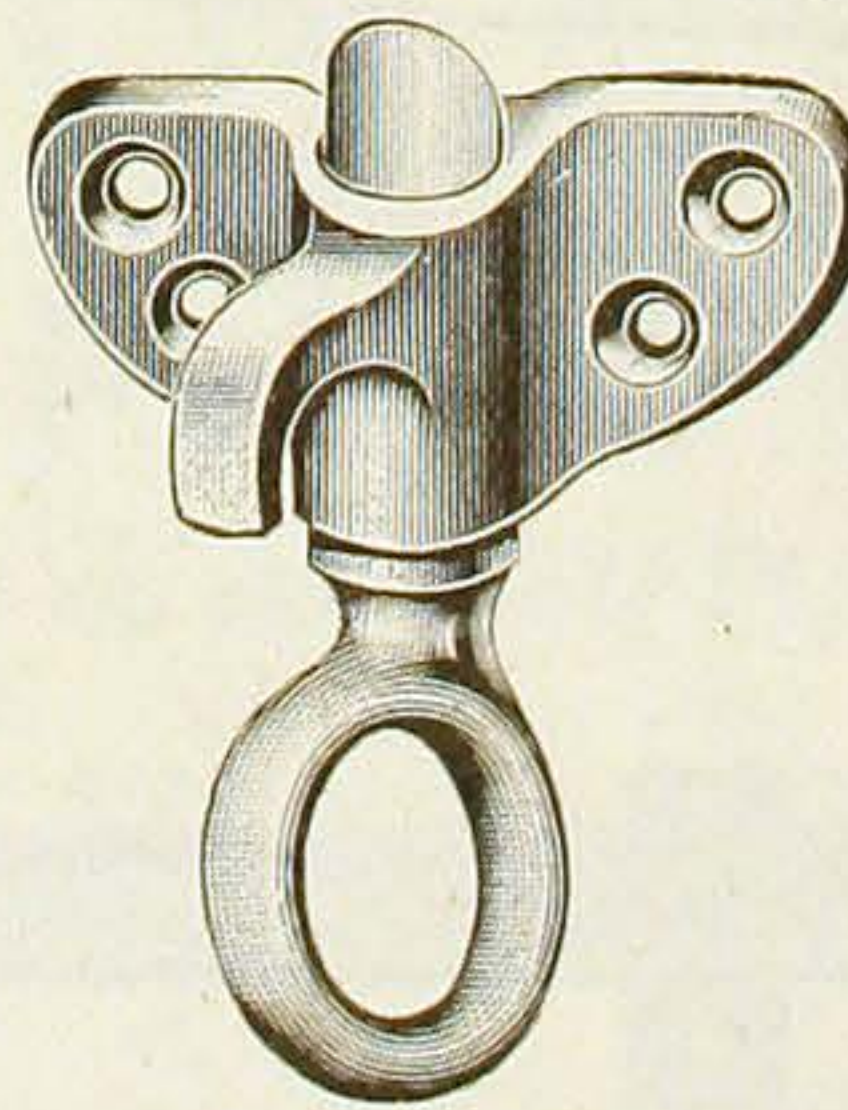
No. PHS*1837

	dozen.	each.
Polished Bronze Metal	84/6	7/3
Polished Brass	73/6	6/2
C. B. & R. on Brass	78/9	6/8
Bronze Metal Antique	91/-	7/9
Oxidized Silver on Brass	96/-	8/2



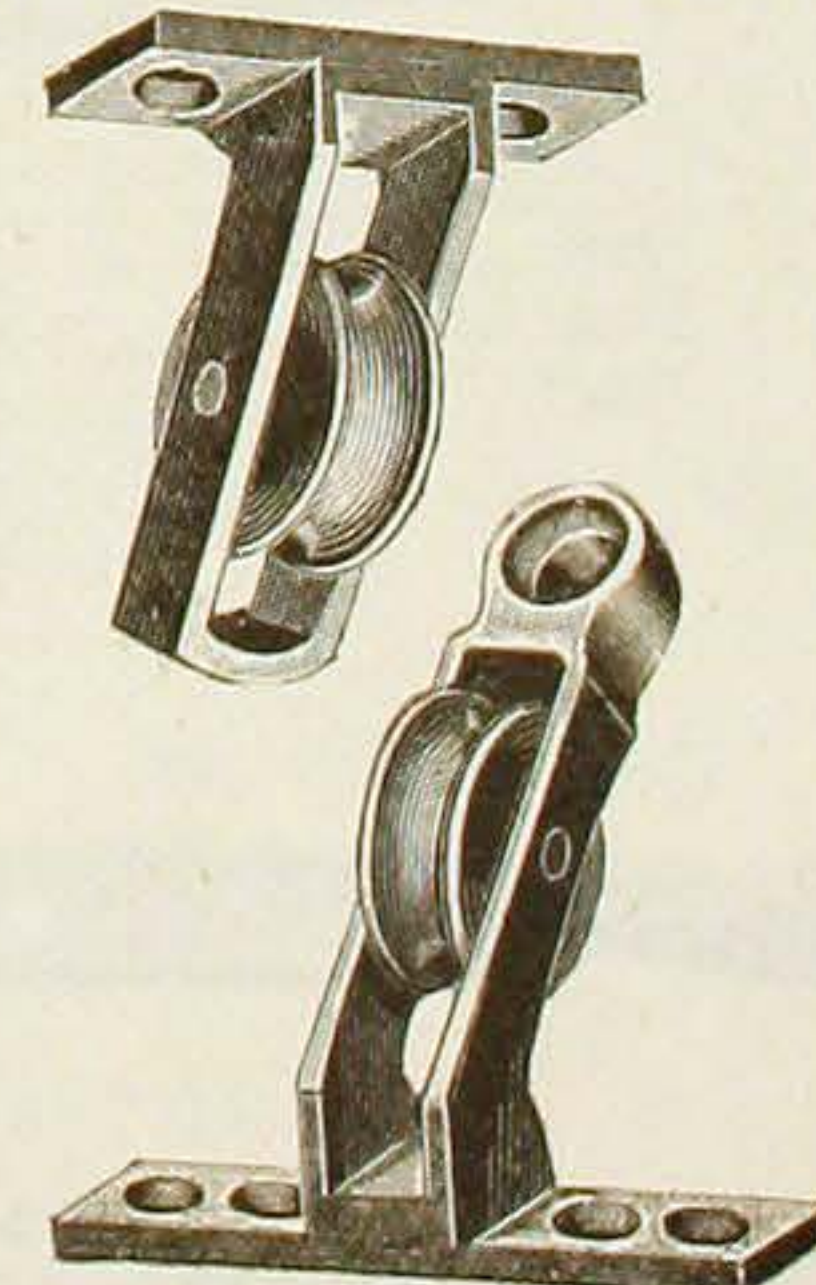
No. PHS*1838

	dozen.	each.
Polished Bronze Metal	36/9	3/2
Polished Brass	32/6	2/10
C. B. & R. on Brass	36/9	3/2
Bronze Metal Antique	40/3	3/6
Oxidized Silver on Brass	42/-	3/8



No. PHS*1839

	dozen.	each.
Polished Bronze Metal	73/6	6/3
Polished Brass	66/6	5/8
C. B. & R. on Brass	71/-	6/1
Bronze Metal Antique	77/-	6/8
Oxidized Silver on Brass	82/-	7/-

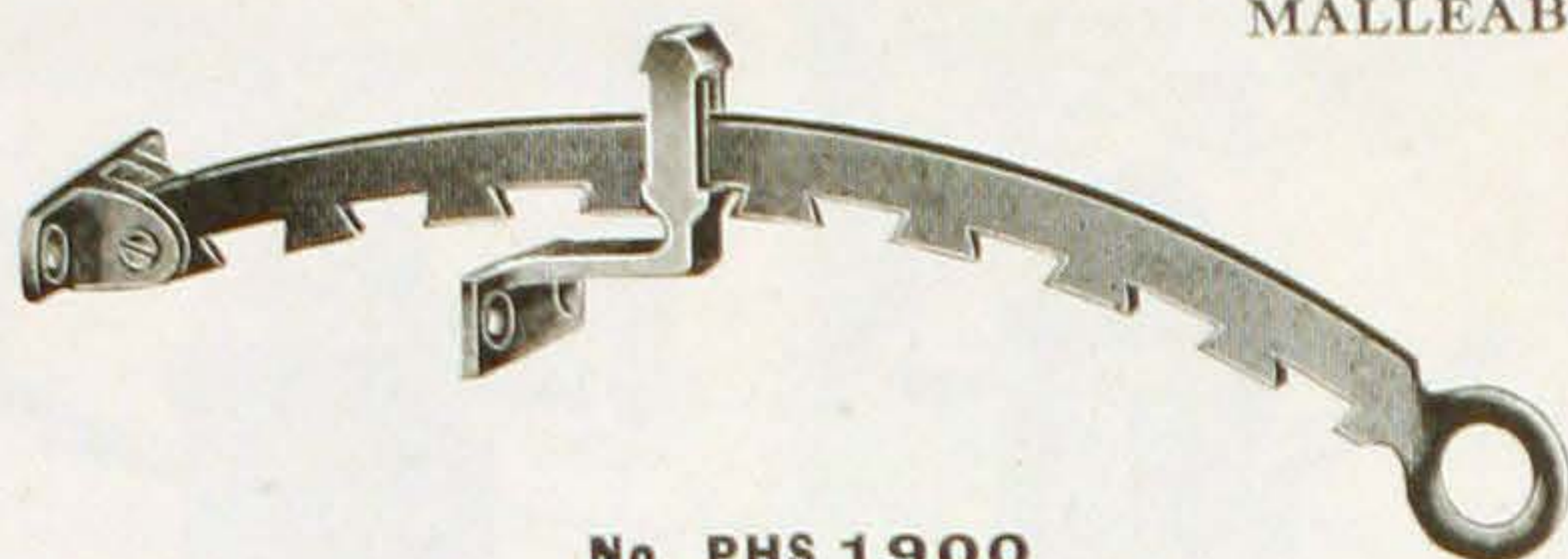


No. PHS*1699

	dozen.	each.
Polished Brass	24/6	2/2
C. B. & R. on Brass	30/8	2/8
Bronze Metal Antique	36/9	3/2

Skylight and Quadrant Stays, etc.

MALLEABLE IRON AND BRASS.



No. PHS 1900

For Lights hung at bottom, opening inwards.

Size	10"	12"	14"	16"	18"	21"	24"
Berlin Black	22/9	24/6	26/3	29/9	33/3	40/3	50/9 dozen.
"	2/-	2/2	2/4	2/8	2/10	3/6	4/4 each.
Brass	56/8	59/6	65/6	74/4	86/4	98/2	119/- dozen.
"	4/10	5/2	5/8	6/4	7/4	8/4	10/2 each.



No. PHS 1901

For Lights hung at top, opening outwards.

Size	10"	12"	14"	16"	18"	21"	24"
Berlin Black	22/9	24/6	26/3	29/9	33/3	40/3	50/9 dozen.
"	2/-	2/2	2/4	2/8	2/10	3/6	4/4 each.
Brass	56/8	59/6	65/6	74/4	86/4	98/2	119/- dozen.
"	4/10	5/2	5/8	6/4	7/4	8/4	10/2 each.

WROUGHT SKYLIGHT STAY. JAPANNED.

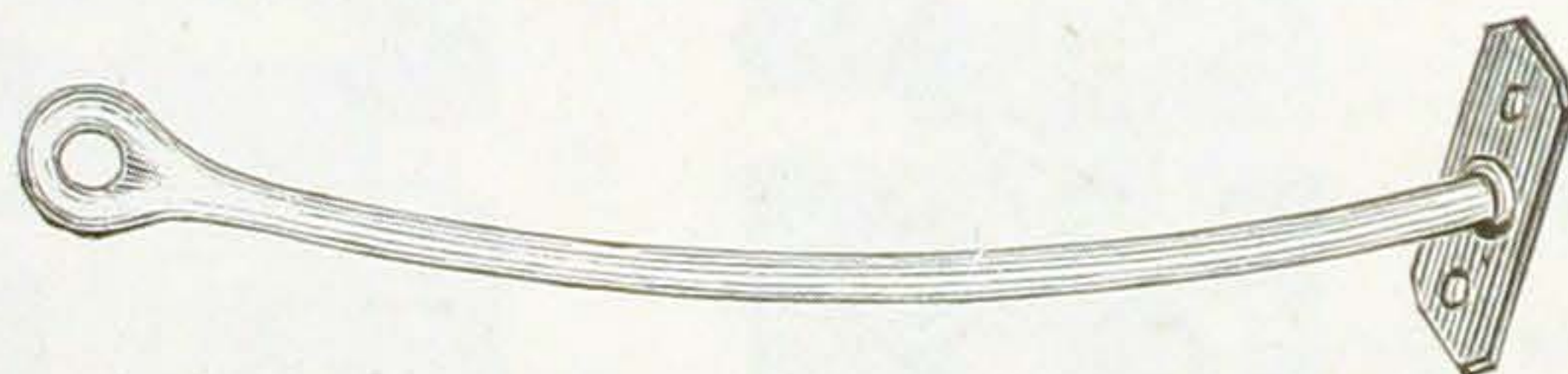


No. PHS 1905

Size	14"	16"	18"	20"	24"	30"
Dozen	15/4	16/3	18/6	20/3	22/9	36/9
Each	1/5	1/6	1/8	1/10	2/-	3/2

QUADRANT STAY FOR SKYLIGHTS.

To work with cord.

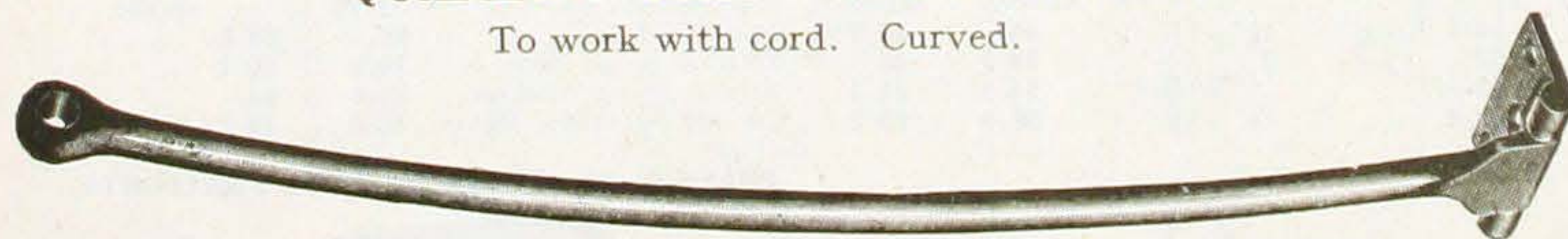


No. PHS 1907

Size	4"	6"	8"	9"	10"	12"	15"	18"	21"	24"
Dozen	6/6	7/-	8/9	9/8	10/6	12/3	15/9	19/3	26/3	33/3
Each	7d.	8d.	10d.	11d.	1/-	1/2	1/5	1/9	2/4	3/-

QUADRANT STAY FOR SKYLIGHTS.

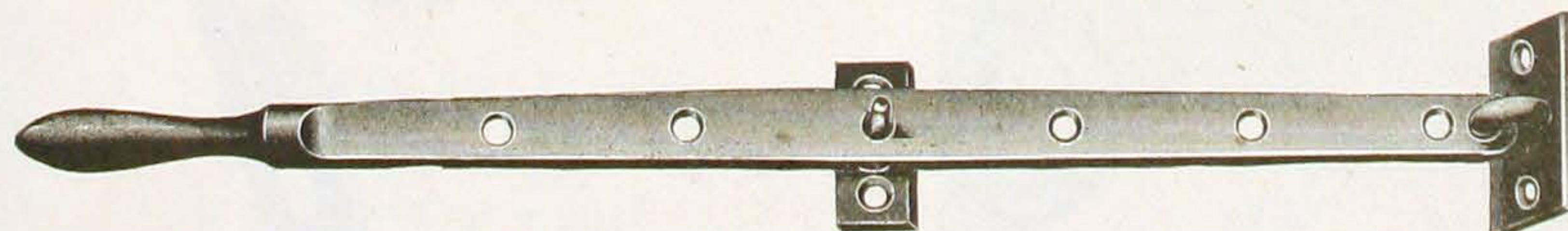
To work with cord. Curved.



No. PHS 1906

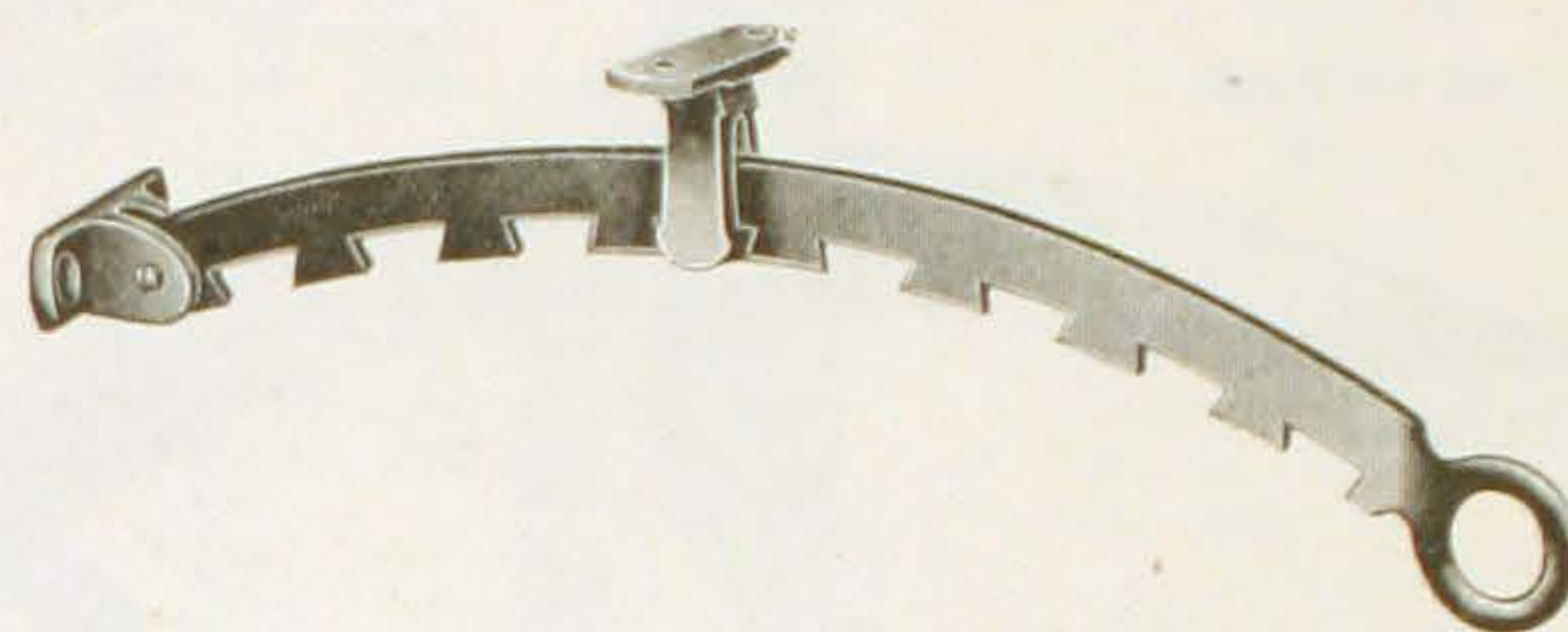
Size	10"	12"	15"	19"	21"	24"
Dozen	18/6	21/-	22/9	24/6	31/6	43/9
Each	1/8	1/10	2/-	2/2	2/9	3/9

GREENHOUSE STAY.



No. PHS 1904 Japanned.

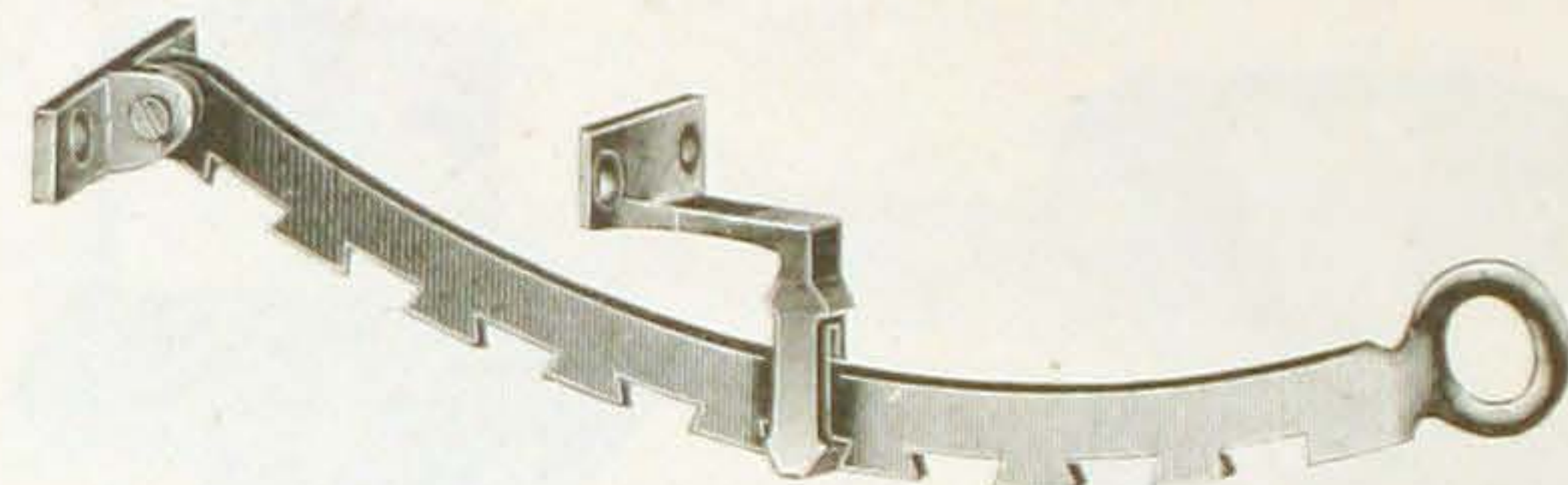
Size	10"	12"	15"	18"	21"	24"	27"	30"	36"	42"	48"
Dozen	15/-	17/6	21/-	24/6	28/-	31/6	38/6	42/-	54/3	66/6	78/9
Each	1/4	1/7	1/10	2/2	2/6	2/9	3/4	3/8	4/8	5/9	6/8



No. PHS 1902

For Lights hung at bottom, opening outwards.

Size	10"	12"	14"	16"	18"	21"	24"
Berlin Black	22/9	24/6	26/3	29/9	33/3	40/3	50/9 dozen.
"	2/-	2/2	2/4	2/8	2/10	3/6	4/4 each.
Brass	56/8	59/6	65/6	74/4	86/4	98/2	119/- dozen.
"	4/10	5/2	5/8	6/4	7/4	8/4	10/2 each.

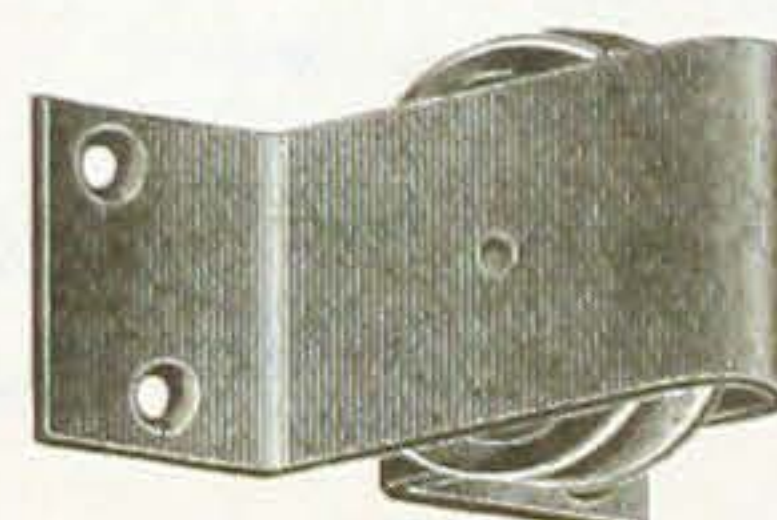


No. PHS 1903

For Lights hung at top, opening inwards.

Size	10"	12"	14"	16"	18"	21"	24"
Berlin Black	22/9	24/6	26/3	29/9	33/3	40/3	50/9 dozen.
"	2/-	2/2	2/4	2/8	2/10	3/6	4/4 each.
Brass	56/8	59/6	65/6	74/4	86/4	98/2	119/- dozen.
"	4/10	5/2	5/8	6/4	7/4	8/4	10/2 each.

SKYLIGHT PULLEY.
In Wrought Iron Frame.



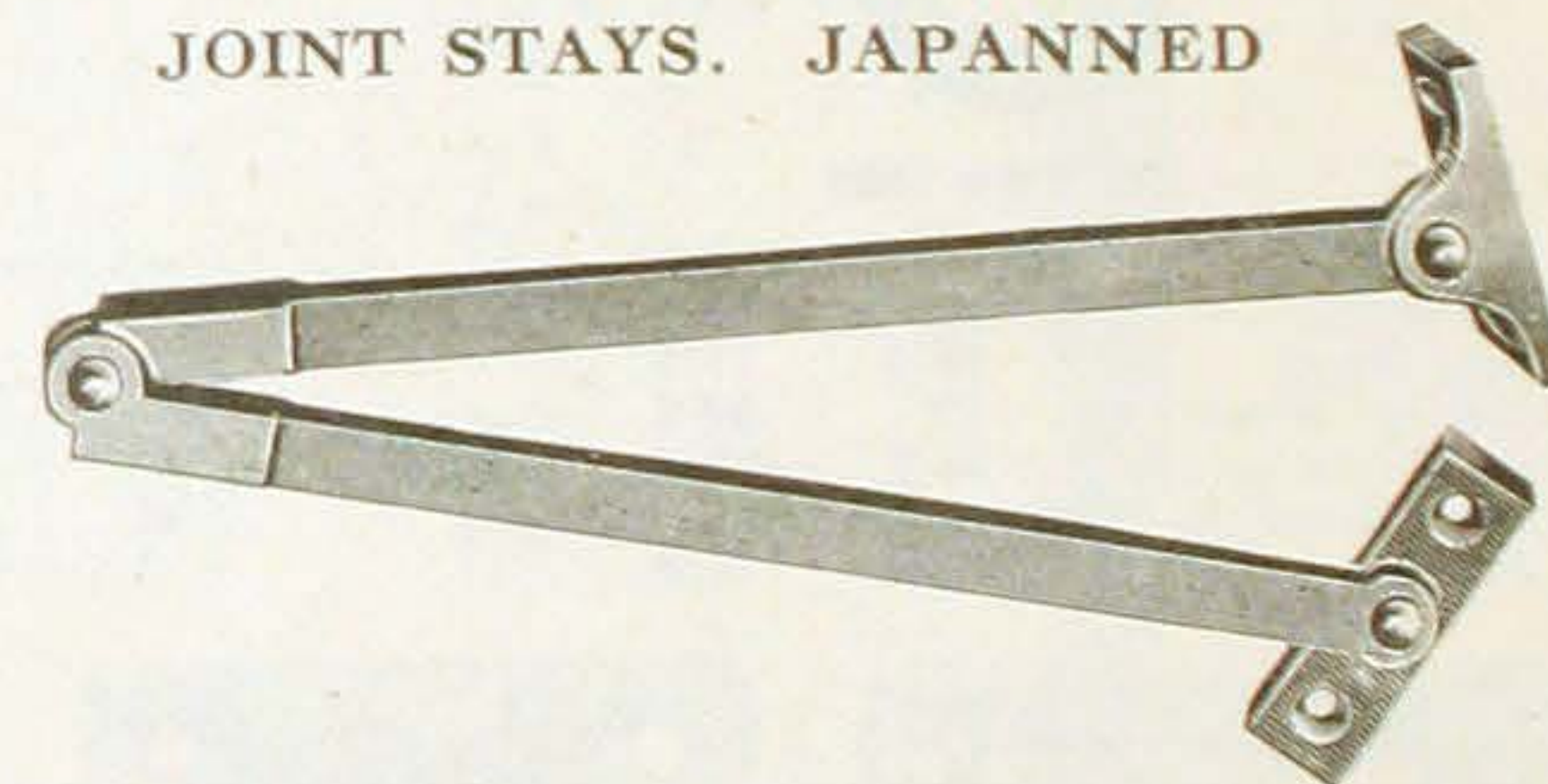
No. PHS 1912

Generally used with Stay

No. PHS 1906

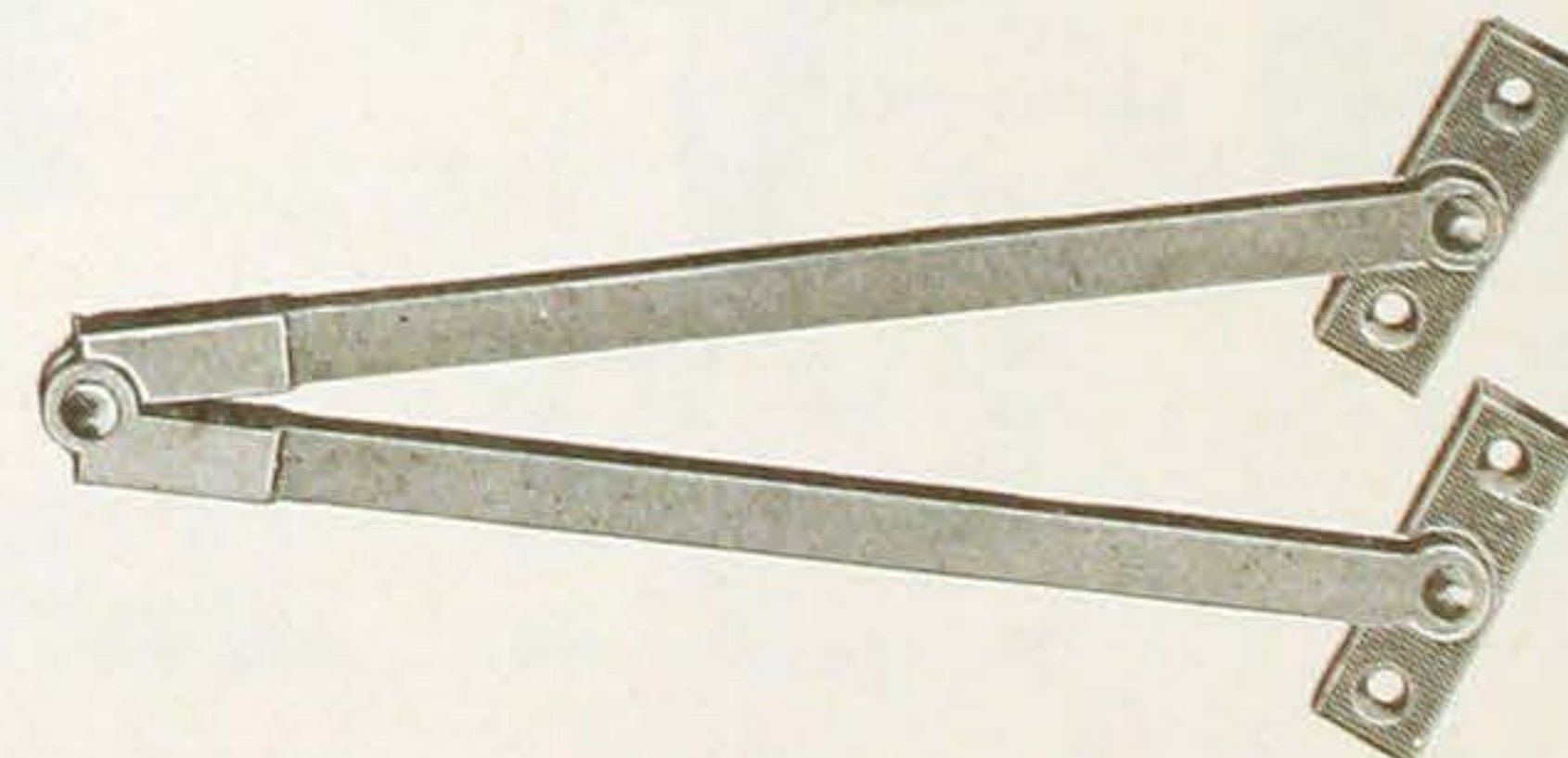
Art Black.	Wheel 2 1/2"	8"	10"	12"	14"	16"	18"	20"	22"	24"
21/- dozen.	1/10 each.	11/6	13/2	14/-	15/-	15/9	17/6	19/3	21/-	22/9 doz.
		1/1	1/2	1/3	1/4	1/6	1/8	1/9	1/10	2/- each.

JOINT STAYS. JAPANNED



No. PHS 1908

Sizes when open.



No. PHS 1909

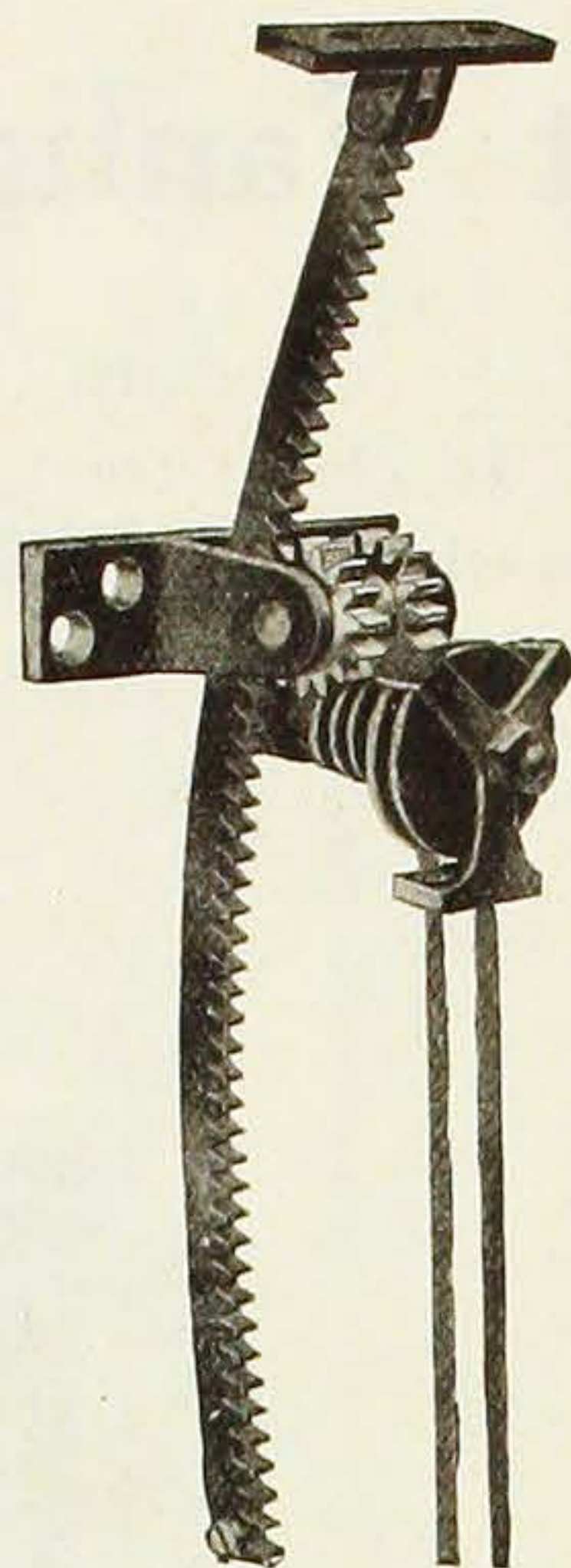
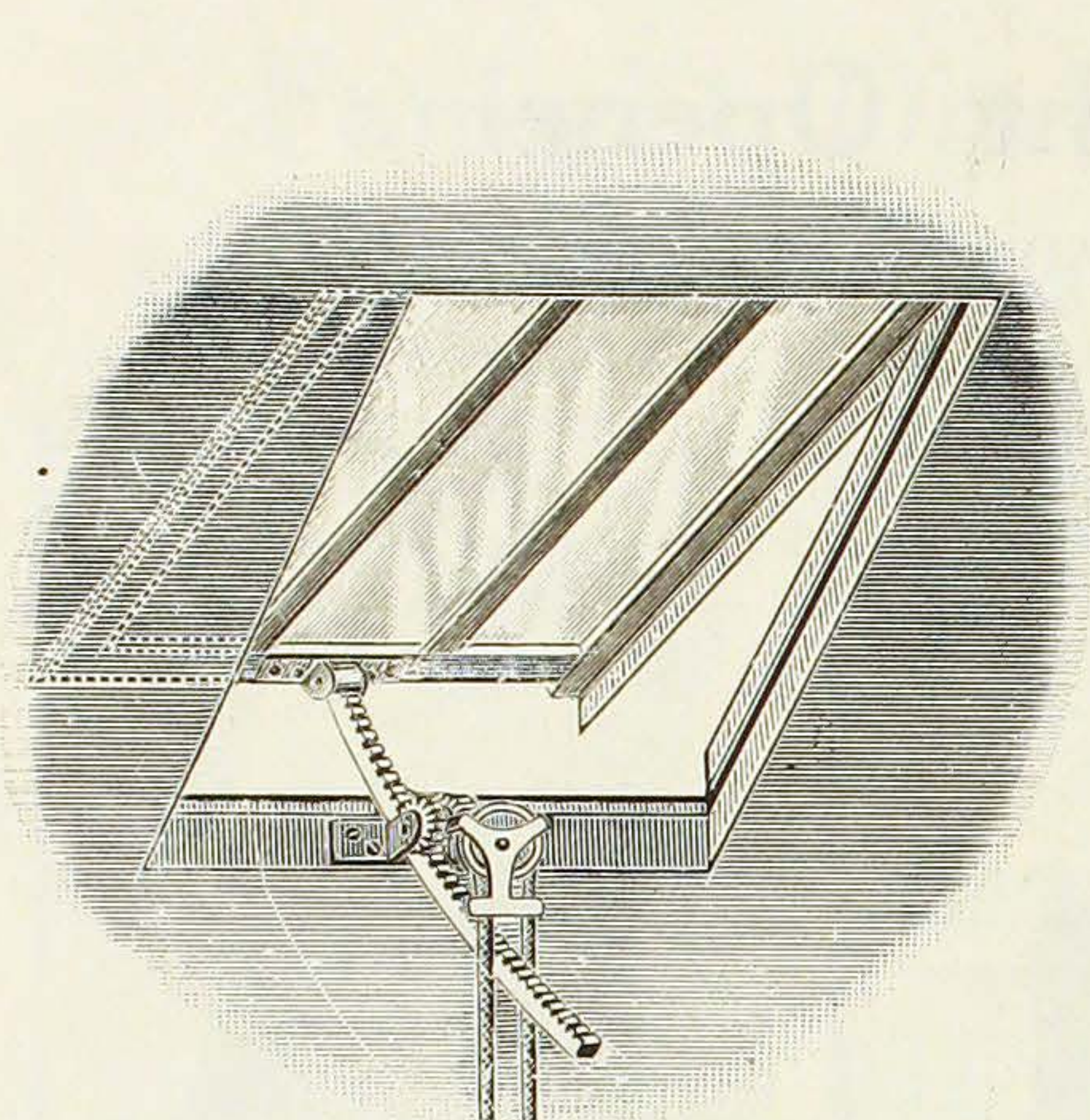
Size when open 8"	10"	12"	14"	16"	18"	20"	22"	24"
Dozen	11/6	13/2	14/-	15/-	15/9	17/6	19/3	21/-
Each	1/1	1/2	1/3	1/4	1/6	1/8	1/9	1/10

QUADRANT STAY.



No. PHS 1911
Berlin Black.

6"	7"	8"	10"	12"
7/-	8/9	11/3	14/9	21/- per dozen pairs.



"SCREW RACK" Skylight Openers

- No. PHS 1600** Ordinary strength, best malleable iron with Gun-metal working parts, or all Gun-metal.
 Best Malleable Iron, 12" 14" 16" rods.
 with Gun-metal working parts ... 7/2 7/6 7/9 each.
 All Gun-metal, Polished ... 15/- 15/9 16/8 "
- No. PHS 1601** Medium, ditto, ditto.
 Best Malleable Iron, with Gun-metal working parts ... 16" 18" 20" rods.
 ... 8/10 9/3 10/- each.
 All Gun-metal, Polished ... 17/10 18/10 20/2 "
- No. PHS 1602** Strong, ditto, ditto.
 Best Malleable Iron with Gun-metal working parts 21" 24" rods.
 ... 17/6 18/3 each.
 All Gun-metal, Polished ... 33/3 34/9 "
- No. PHS 1604** Extra strong, 24", opens 21" and is suitable for very heavy skylights, best malleable iron with Gun-metal working parts, 42/- each.
 All Gun-metal, Polished ... 73/6 "

Showing Opener fixed to Skylight.

For Endless Cords, see **No. PHS 1592** on page 221

No. PHS 1600

"B" Strength Cord is suitable for **Nos. PHS 1600** and **PHS 1601**
 "D" " " " " **No. PHS 1602**

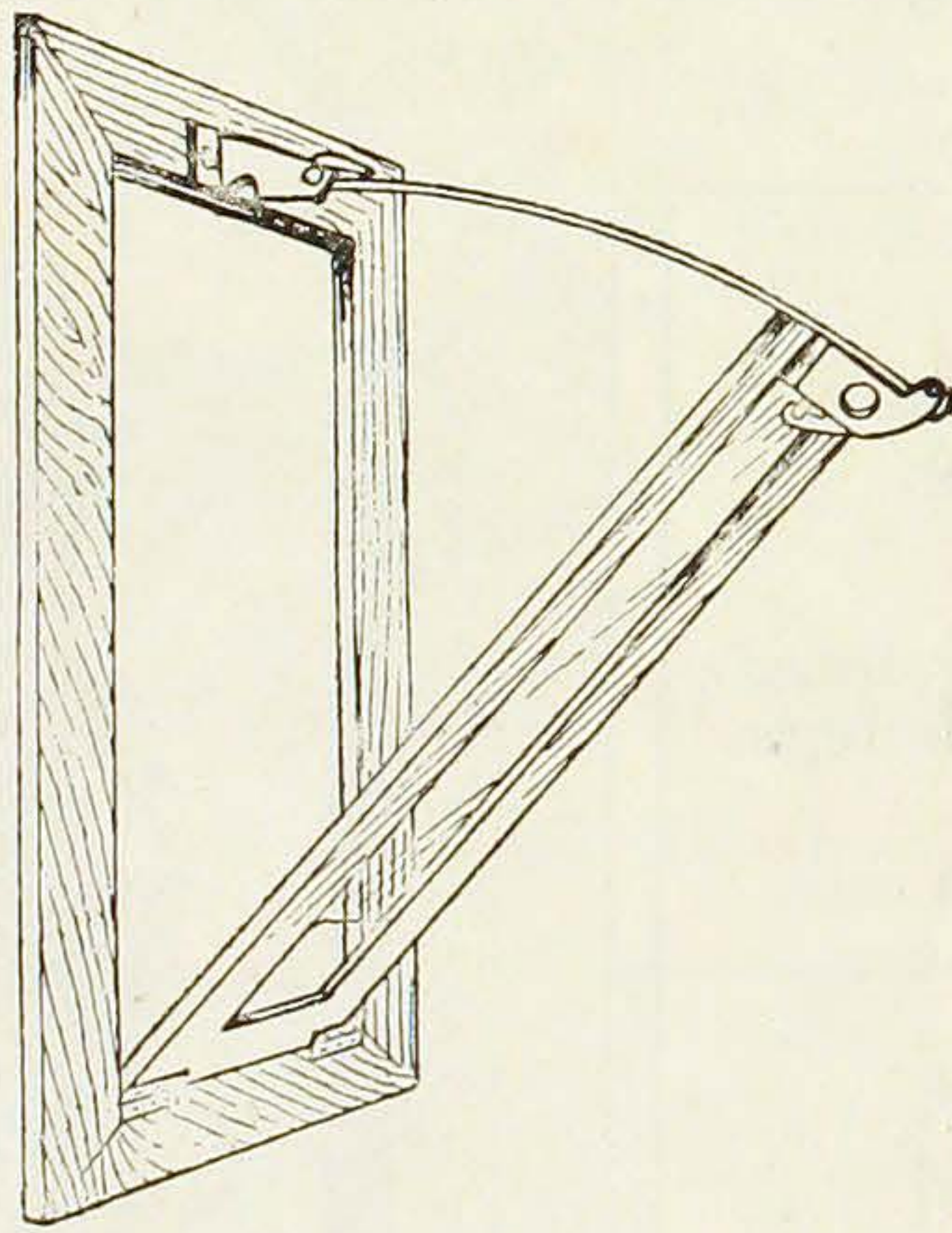
For **No. PHS 1604** Special Strong Cords are supplied to order

The "DON" Fanlight Opener

For Lights hung at bottom, or on centres, opening inwards.



Closed



Fully Open



Key or Long Arm to Open Fanlight.

No. PHS 1595 Size 12"

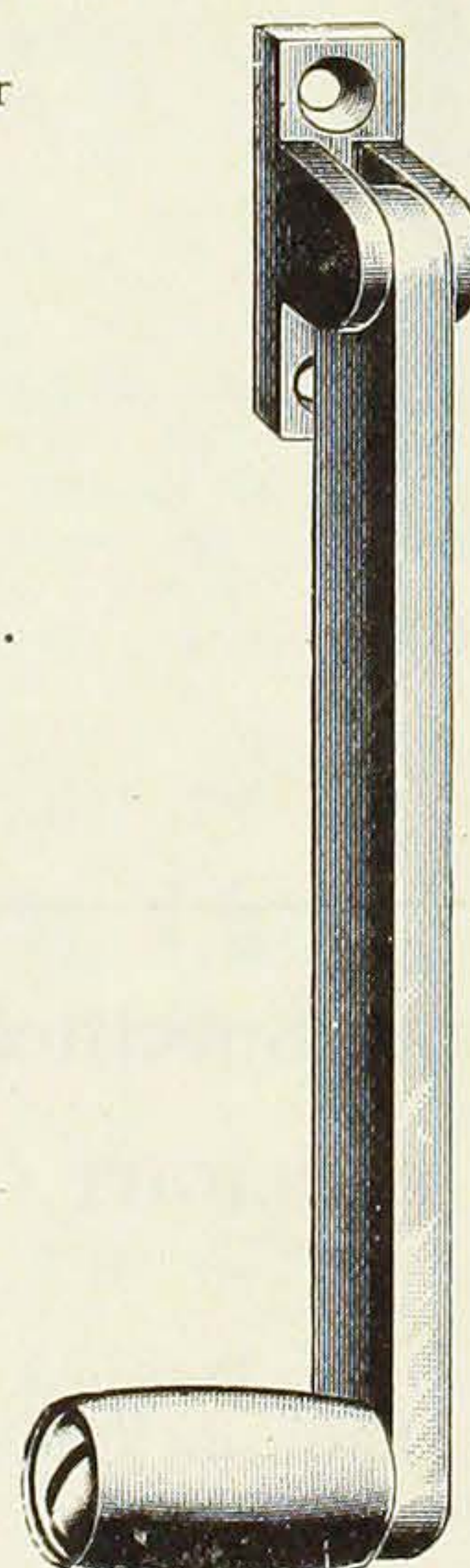
Advantages :—

- No cords to break and renew.
- Large numbers of Lights can be opened or closed in a quarter of the time of cord openers.
- Silent working. Simple in action. Easily fixed.
- Self Locking at any distance.
- Quadrant falls when light is closed, allowing passage of blinds or curtains.
- This Opener is detachable and permits the Fanlight to be opened right down for cleaning the outside from within.

Malleable Iron	...	7/6 each.
Polished Brass	...	9/3 "
Bronze Metal Antique	...	14/9 "

Malleable Iron Keys, 9d. each extra.

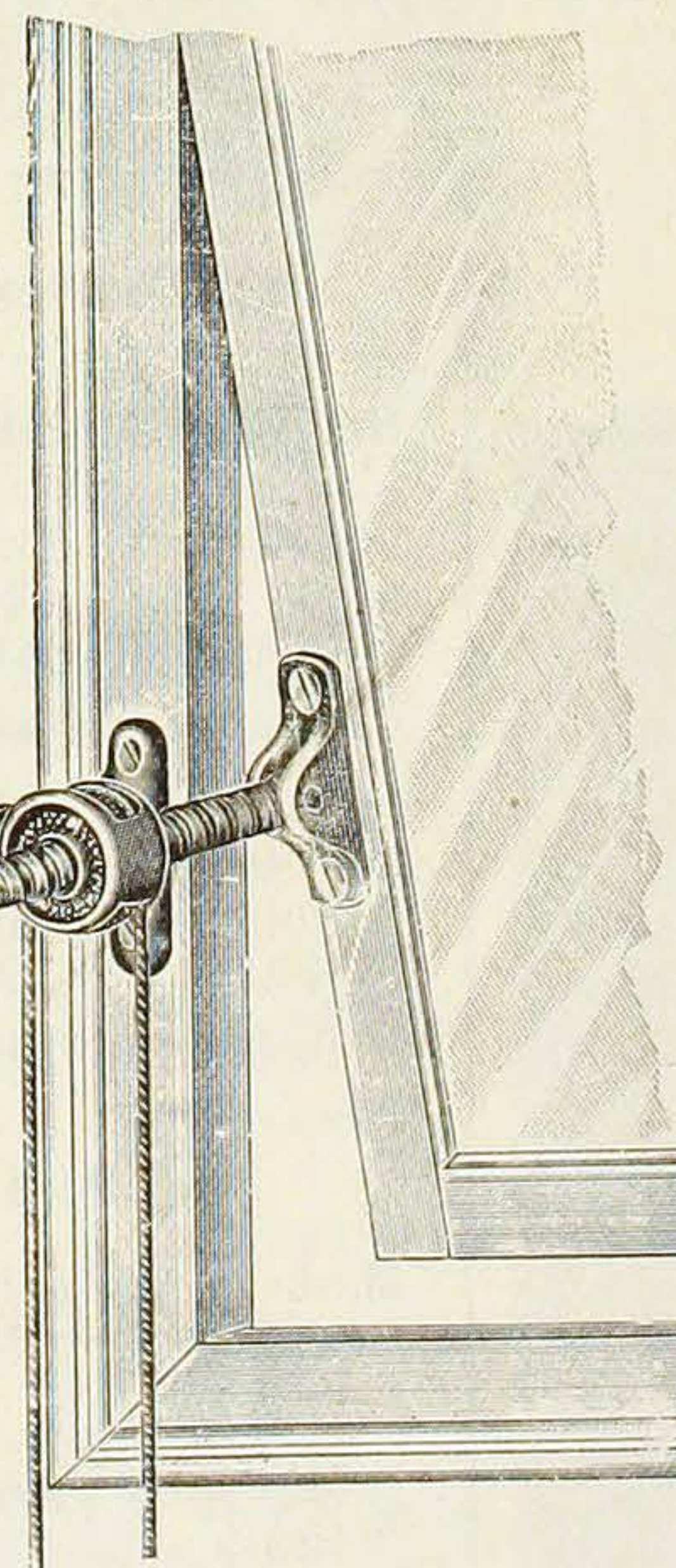
State radii of Lights when ordering.



No. PHS 1807

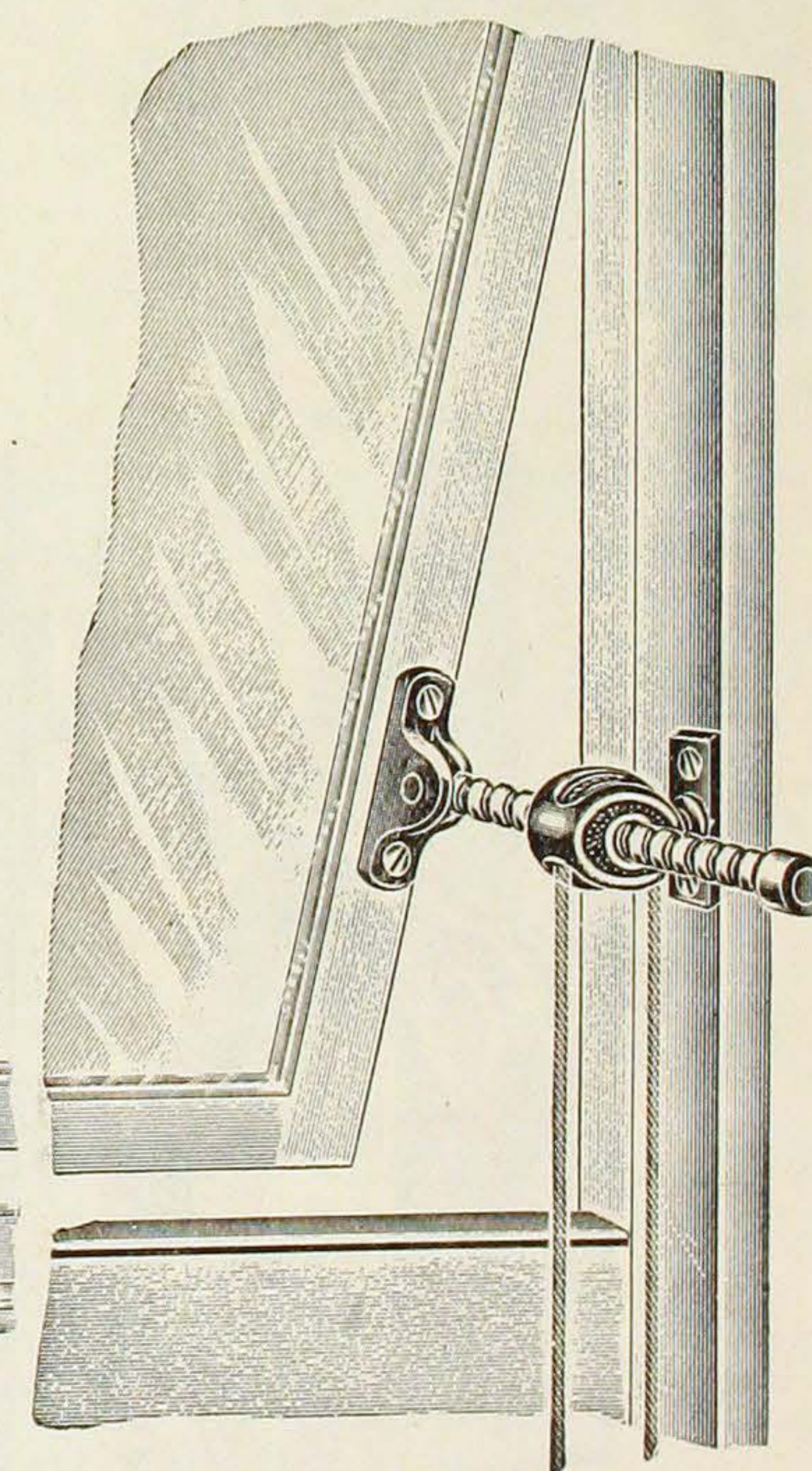
The "ALWAYS" Fanlight Opener

Only suitable for Small Fanlights.



No. PHS 1596

Suits all Lights flush with Frame, whether hung at top opening out, hung at bottom opening in, centre or pivot hung, or hung at side.



No. PHS 1597

For Recessed Lights, hung top or on centres, opening out.

Nos. PHS 1596 and PHS 1597 Same Price.

Iron	...	2/9 each.
Antique Copper Bronze on Iron	...	3/3 "
Brass	...	4/2 "
Antique Copper Bronze on Brass	...	4/8 "
Gun-metal	...	5/3 "

Endless Cords extra.

No. PHS 1592

Prices shown on page 221.

The "Zenith" Patent Fanlight Opener

SIMPLE AND EFFICIENT.

MADE TO OPEN IN OR OUT.

To open, insert the pole hook in bell mouth marked A and raise. To close, insert the pole hook in bell mouth and lower. Fanlight is automatically locked when hook is withdrawn.

No cords to break and renew, much quicker in operation than cord openers, which is a great consideration when a large number of lights are to be opened and closed daily.

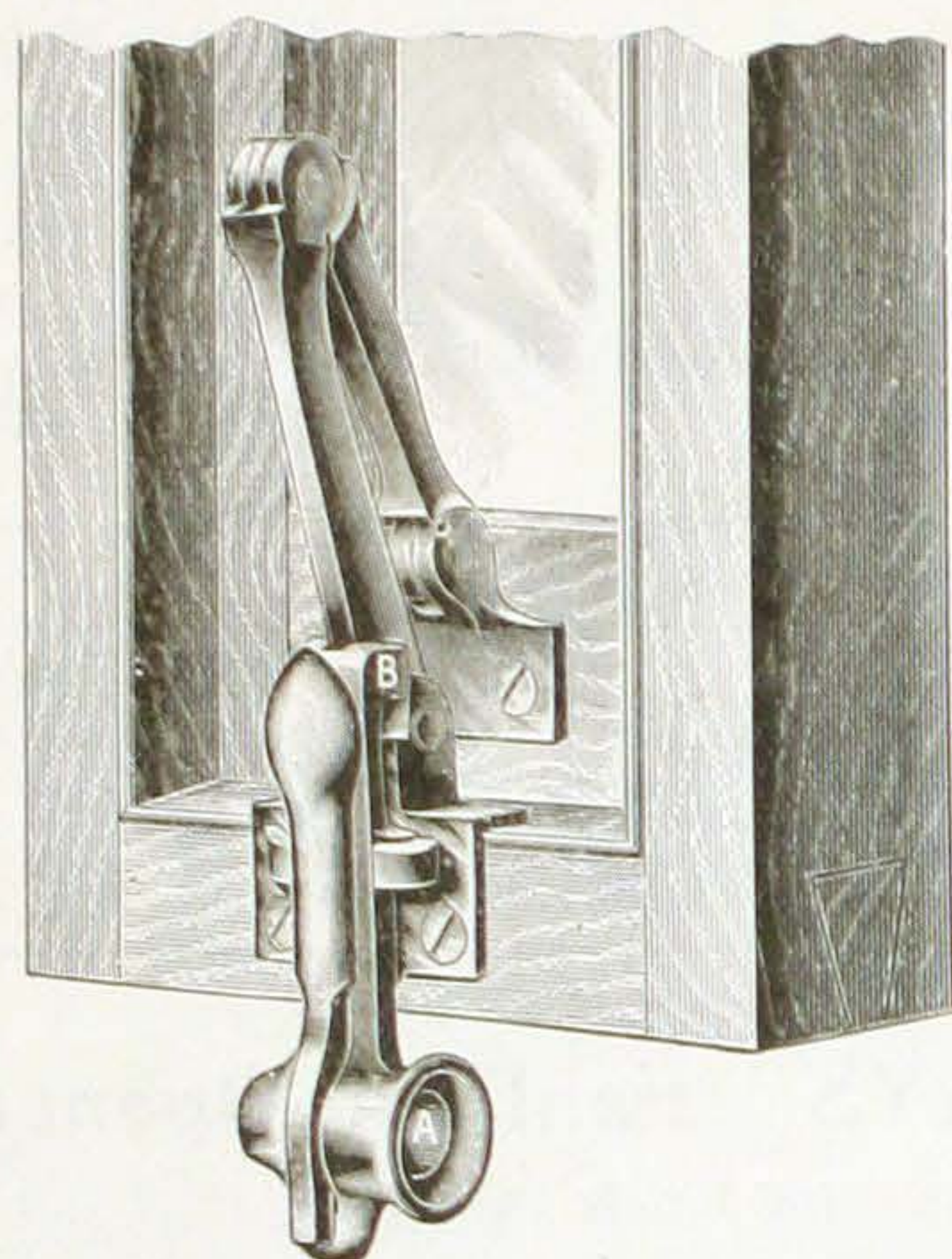


Fig. A—Closed.
Fanlight hung at top, opening outwards.



POLE HOOK.

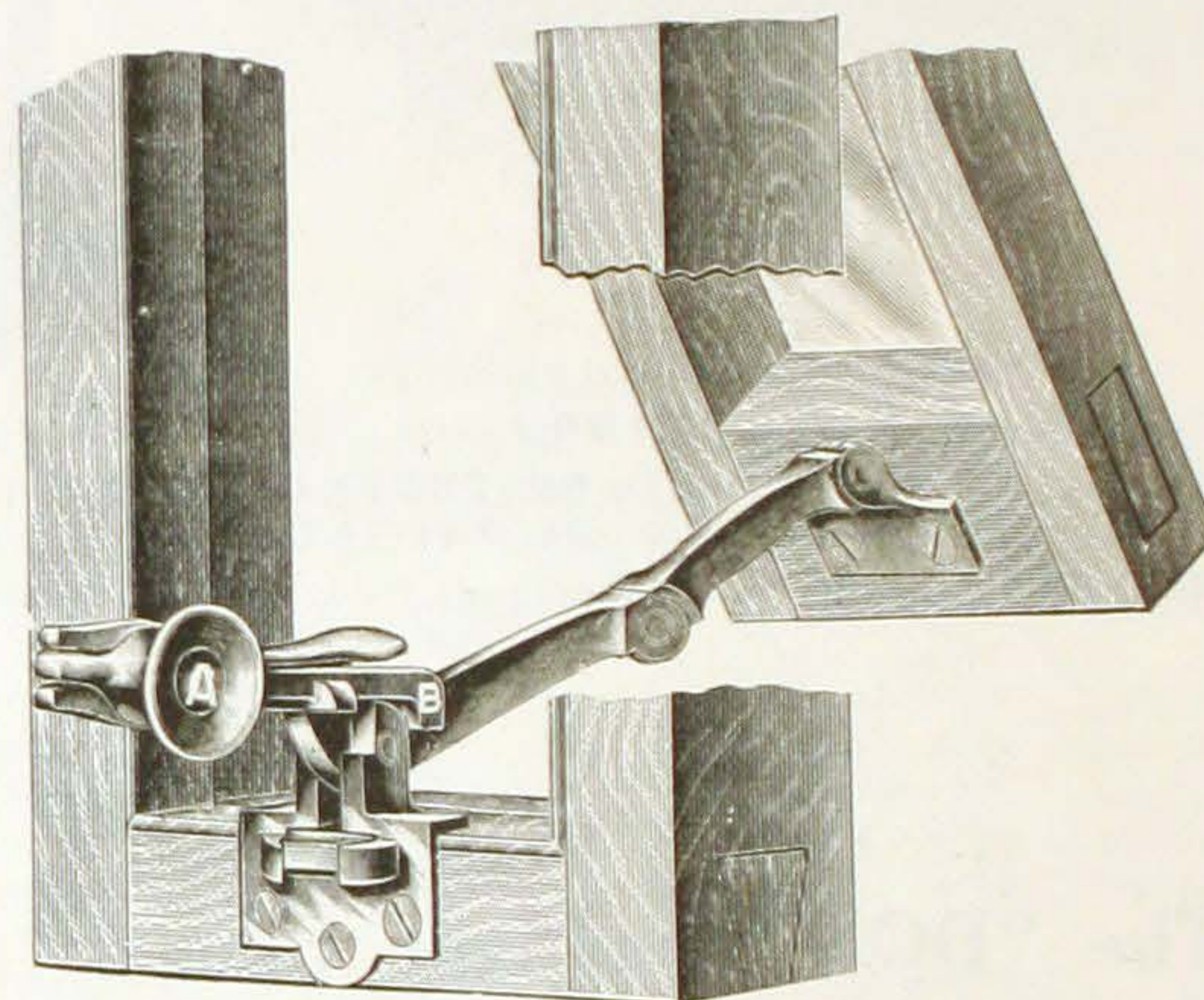


Fig. A—Open.
Fanlight hung at top, opening outwards.

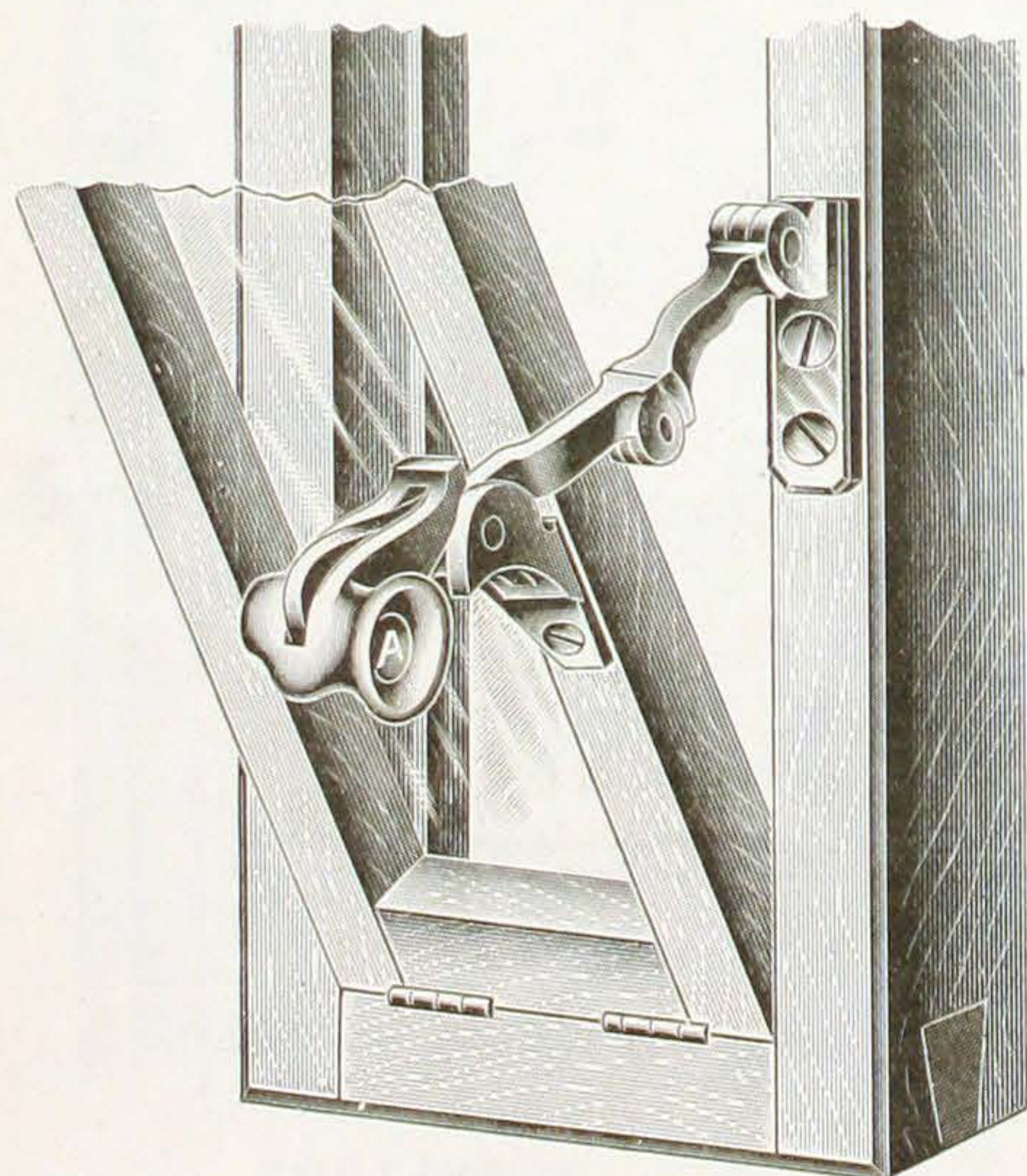


Fig. B—Open.
Fanlight hung at bottom, opening inwards.

Prices and Specification.

No. PHS 5756 FANLIGHT OPENER.

Fig. "A" or "B."

Made in Malleable Iron, Polished Brass, Polished Gun-Metal, B.M.A. finish on Gun-Metal, Antique Copper and Antique Brass.

Malleable Iron	...	...	7/11	each.
Polished Brass	...	...	12/3	"
Polished Gun-Metal	...	...	14/5	"
B.M.A. Finish on Gun-Metal	...	...	14/11	"
Antique Copper and Antique Brass	...	...	14/1	"

No. PHS 5757 POLE HOOK.

Made in Malleable Iron, Brass, Gun-Metal, B.M.A. Finish on Gun-Metal, Antique Copper and Antique Brass.

Malleable Iron	...	...	1/7	each.
Brass	...	...	2/5	"
Gun-Metal	...	...	2/10	"
B.M.A. Finish on Gun-Metal	...	...	3/3	"
Antique Copper and Antique Brass	...	...	2/9	"

No. PHS 6348

ASH POLE for Pole Hook.

5 ft. long, 2/4 each; 6 ft. long, 2/9 each.

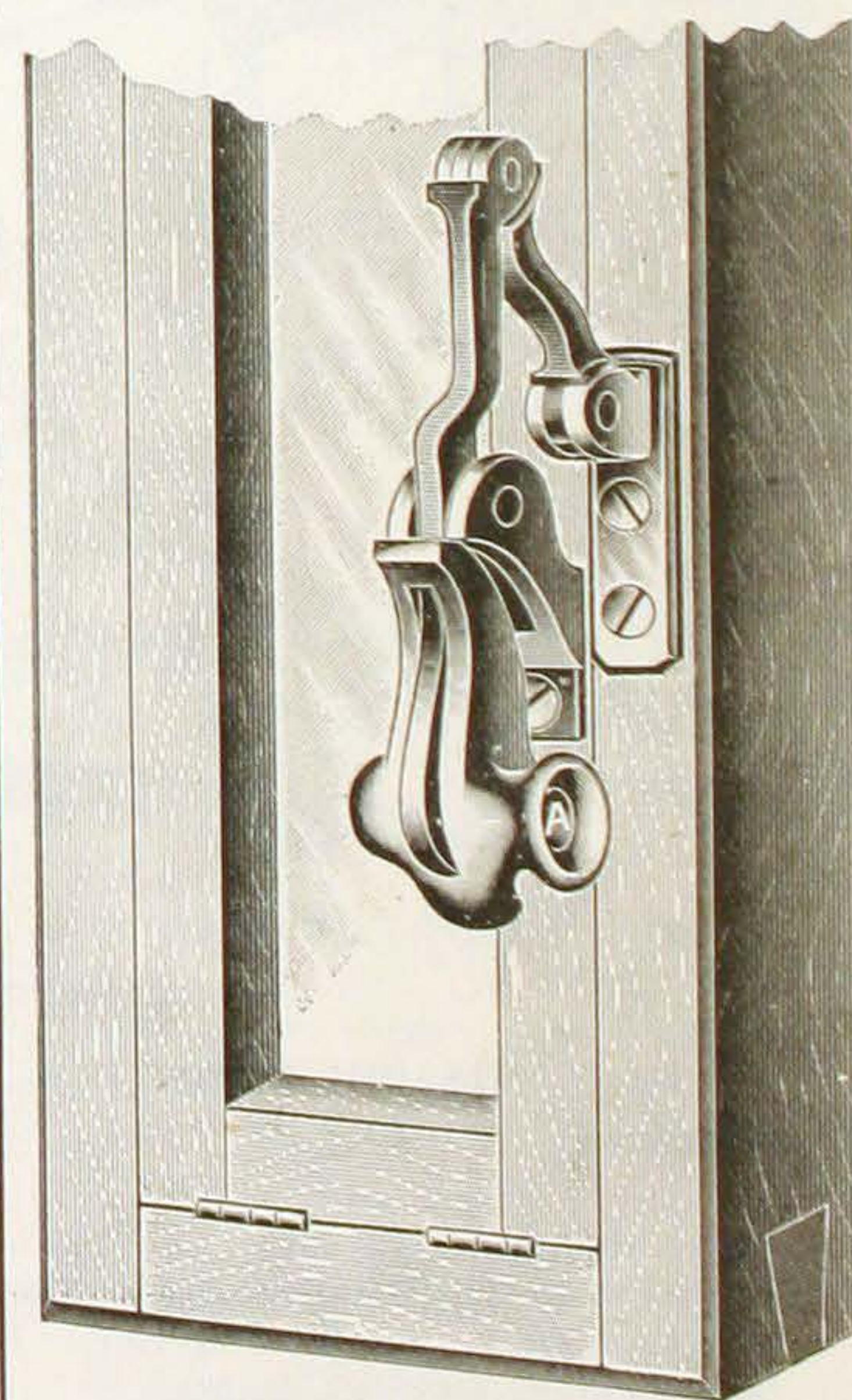
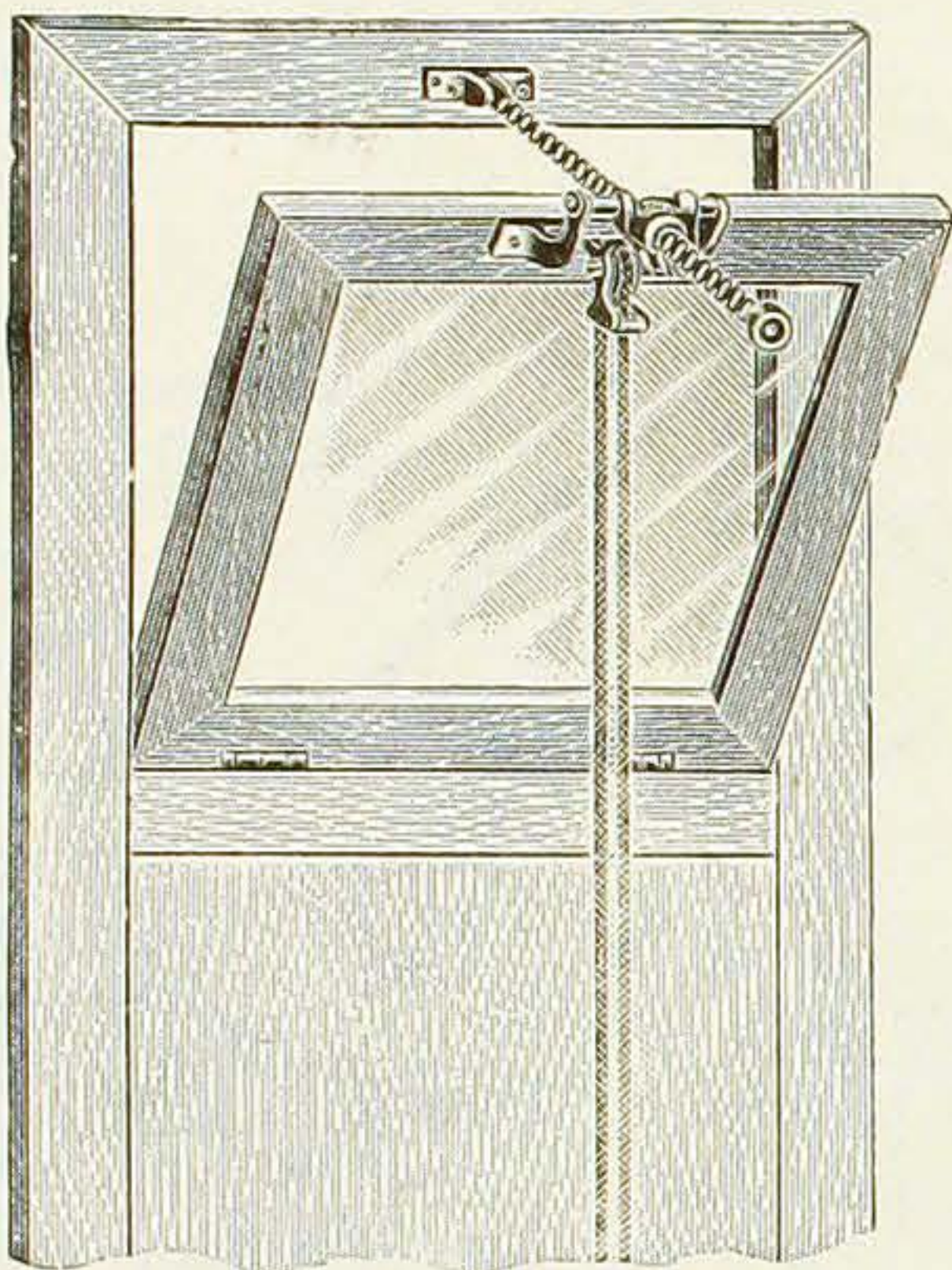


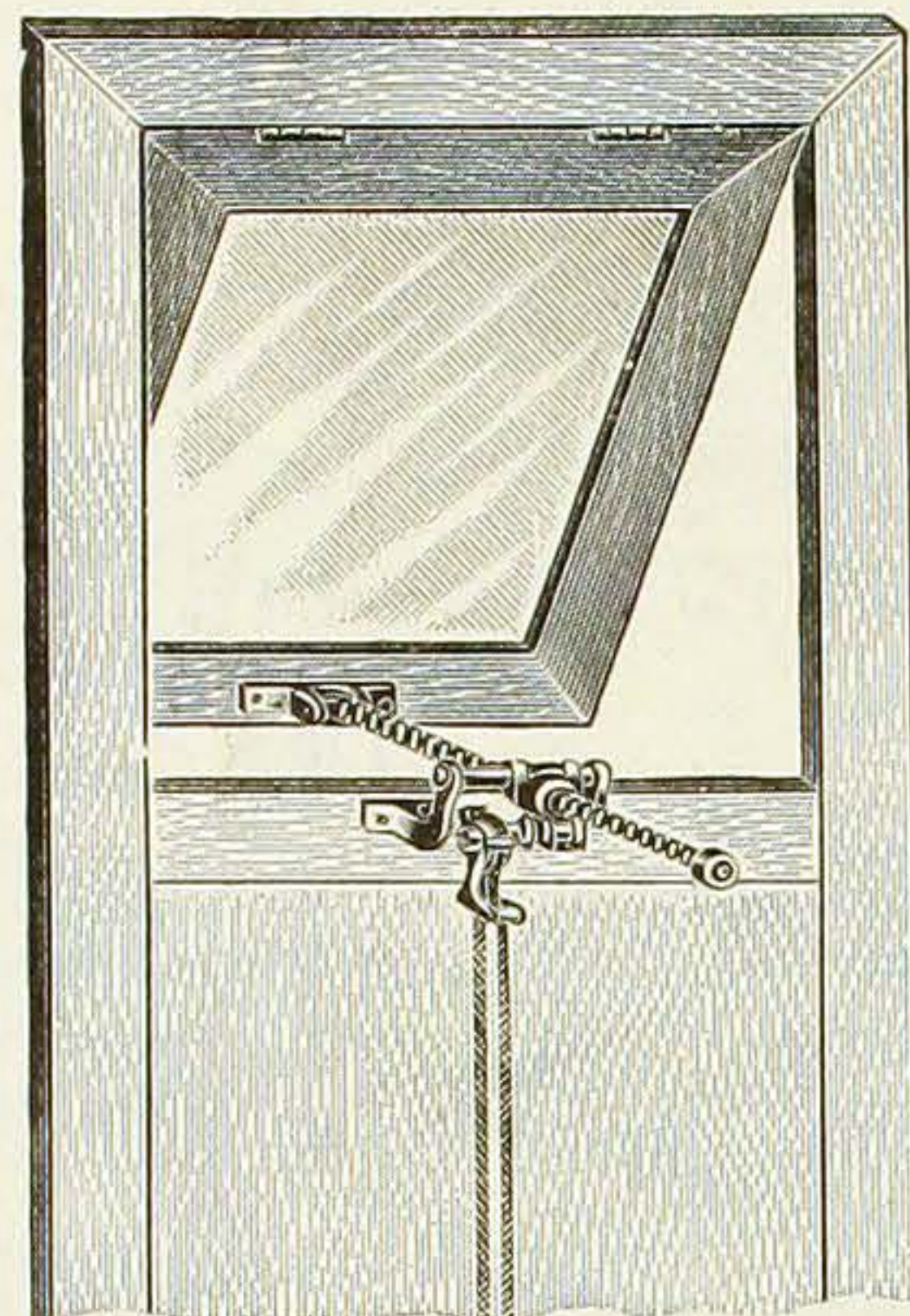
Fig. B—Closed.
Fanlight hung at bottom, opening inwards.

Fanlight Openers

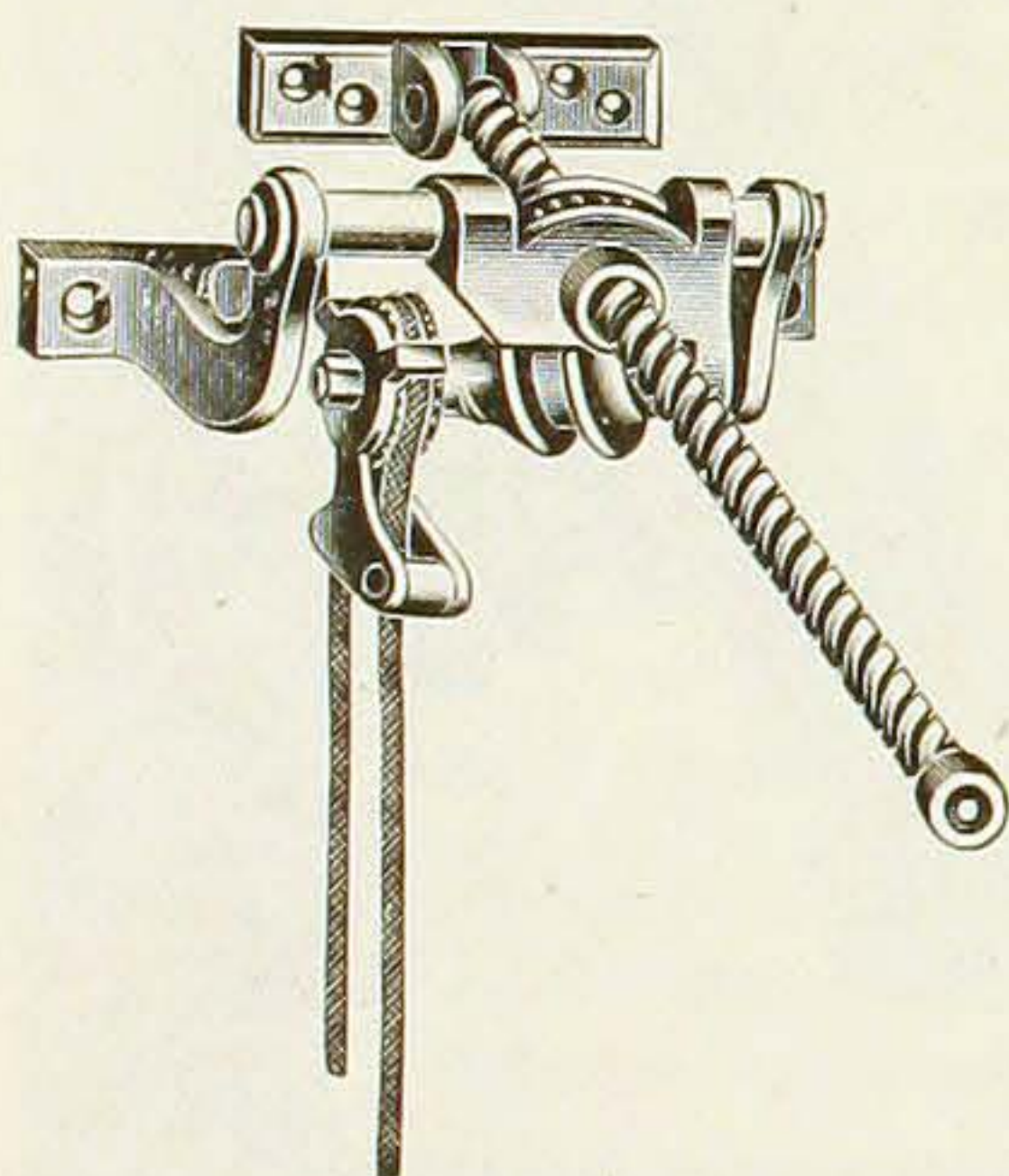
The "Eezi" Patent Fanlight Openers.



Shows Opener on Fanlight hinged at bottom, opening in.



Shows Opener on Fanlight hinged at top, opening out.



No. PHS 9203

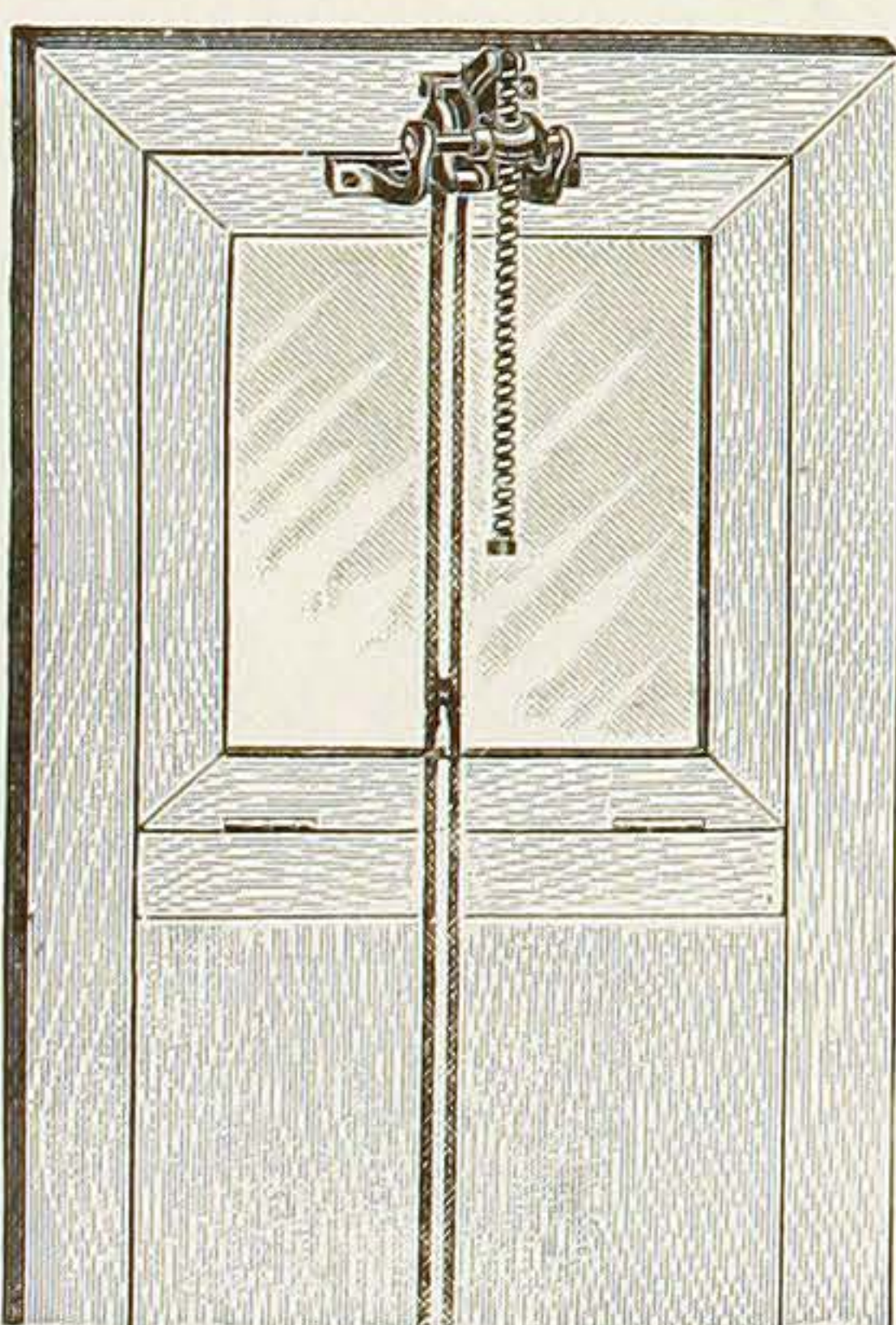
This Opener is very strong and will be found equally suitable for Fanlights hinged at bottom, opening in or out; hinged at top to open out; or hung on centres. It is very powerful and works easily, smoothly and exceptionally silently.

12" x 3/8"	Iron Rod and Fittings,	7/9
18" x 1/2"	" " "	11/-
12" x 3/8"	Brass Rod and Fittings	14/3
18" x 1/2"	" " "	19/9

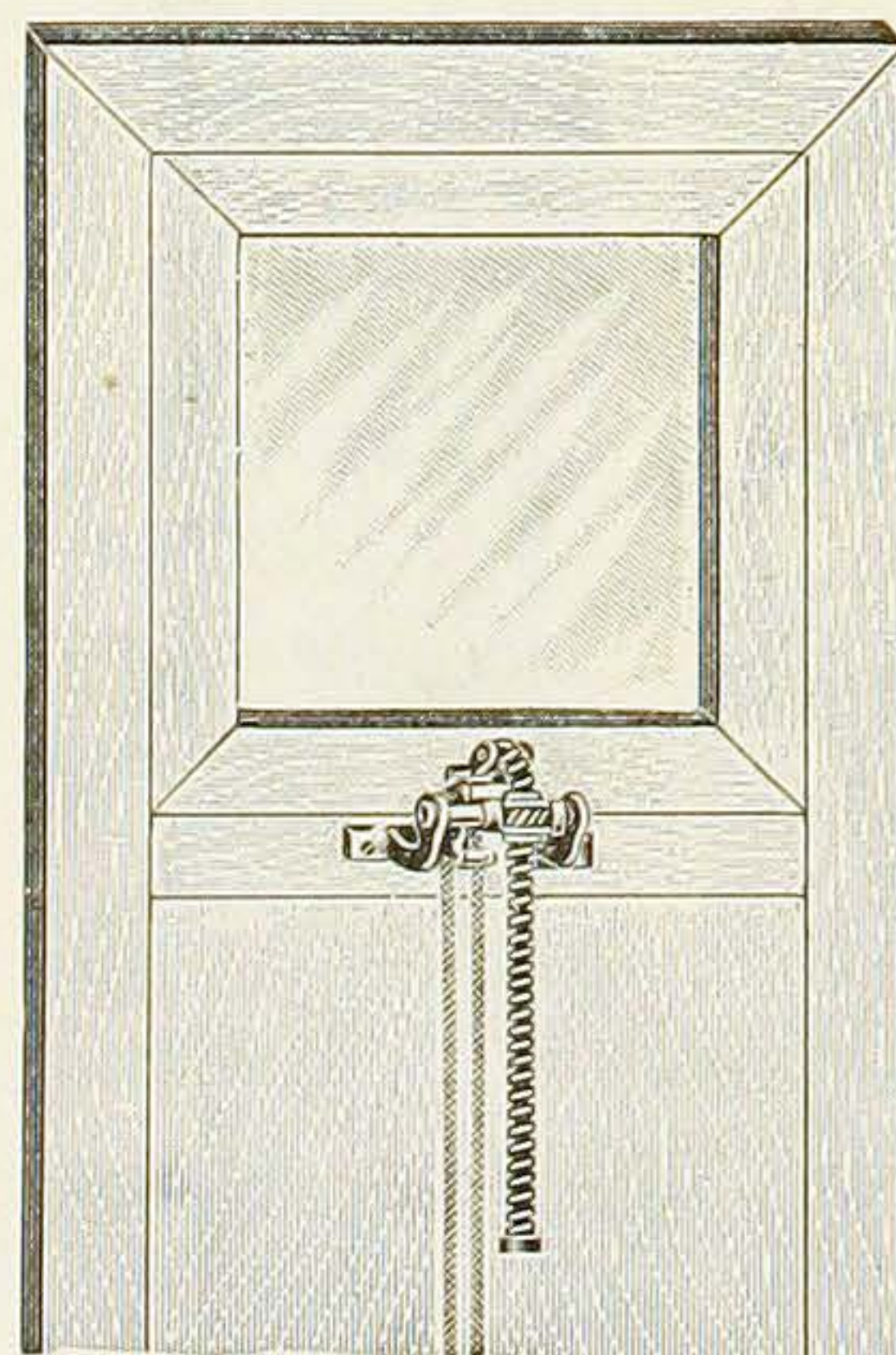
Priced each.

The "Fall-Flush" Patent Fanlight Opener.

To Hang Flush when Light is closed.



Shows Opener on Closed Fanlight, hinged at bottom.



Shows Opener on Closed Fanlight, hinged at top.

No. PHS 9184

(See Prices at Right.)

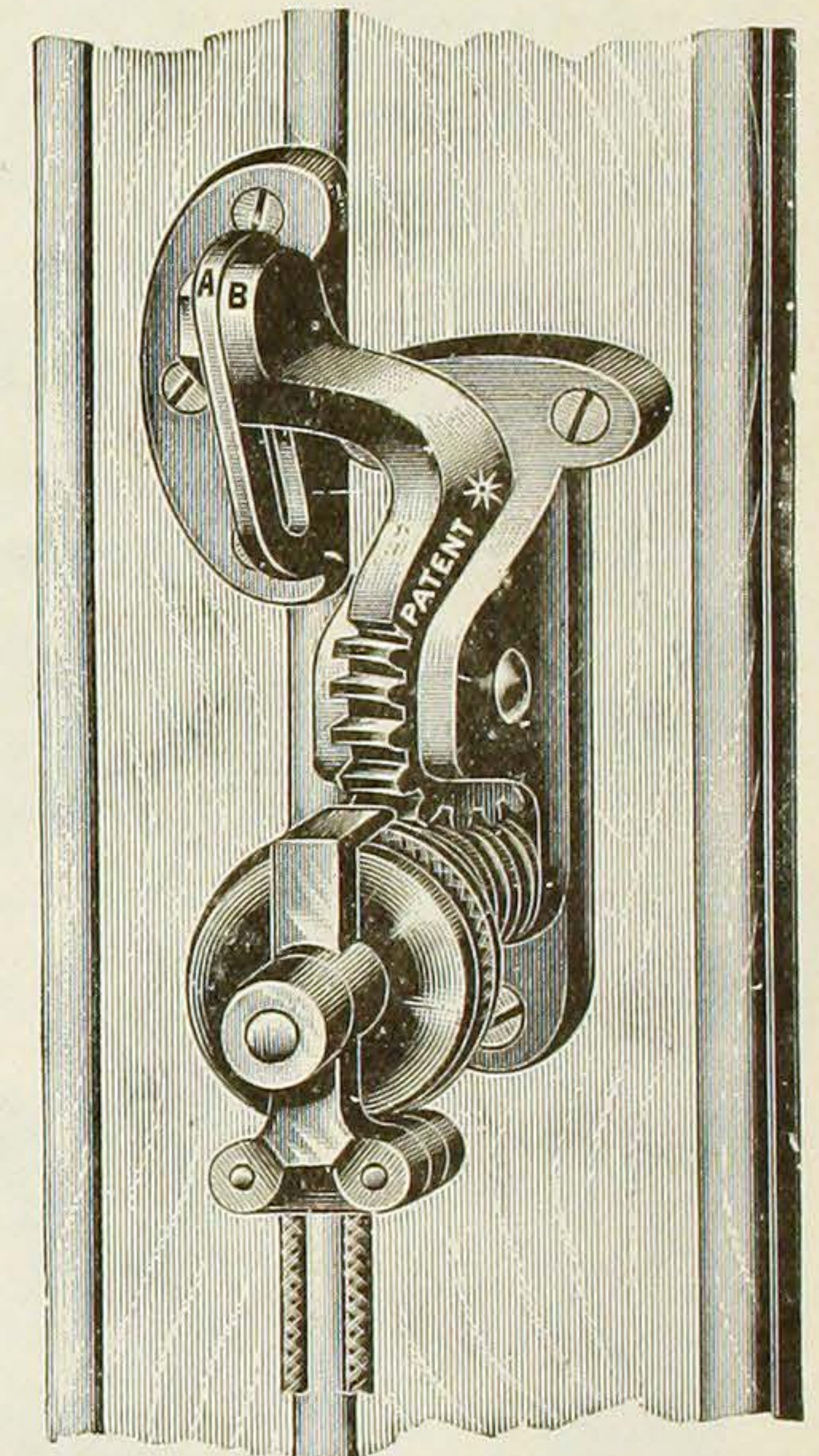
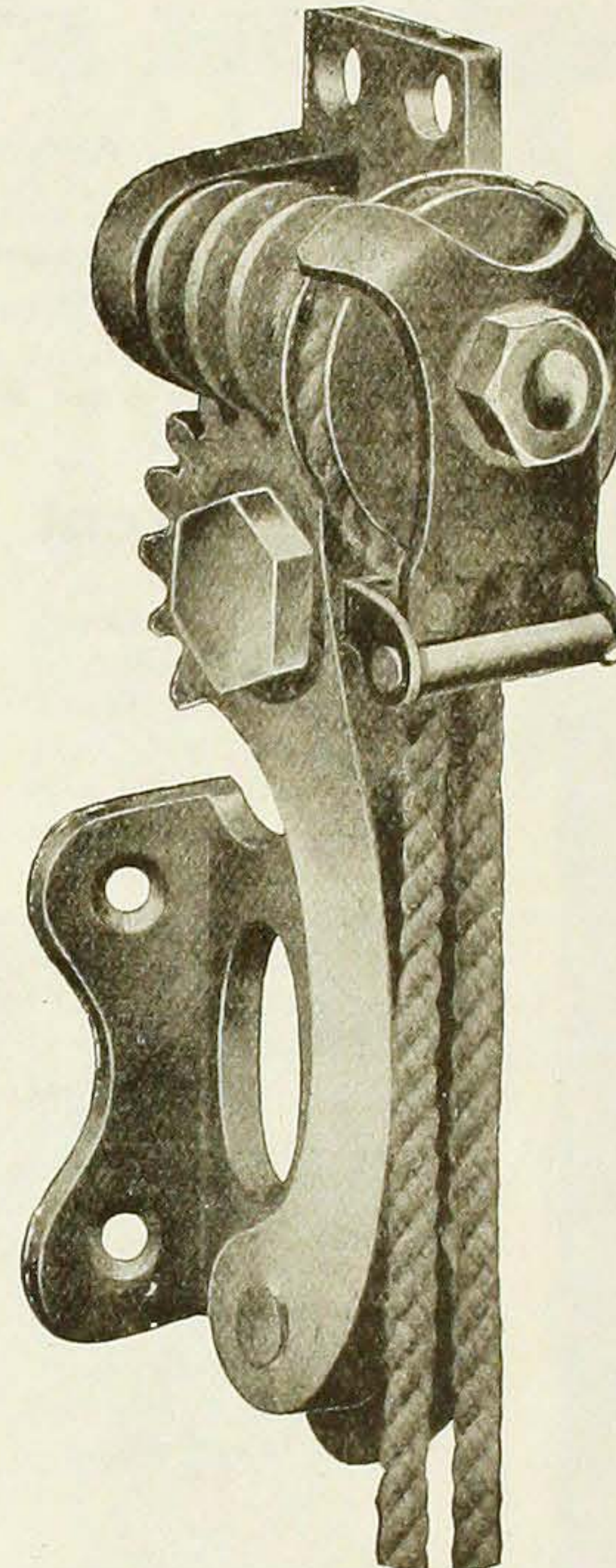
The "Roy" Patent Fanlight and Casement Opener.

SCALE—HALF SIZE.

Experience has shewn that Gun-metal working in conjunction with Iron gives an exceedingly smooth and quiet action. **Practically invisible.** No wood to be cut away. Can be fitted by a youth. No long projecting arms to catch the blinds. The Worm and Teeth are machine cut to ensure smoothness and accuracy in working. For price of Endless Cords to suit, see **No. PHS 1592** on page 221.

No. PHS 1527 Right Hand. For Fanlights and Casements.

Hung at top or at side, opening outwards.



No. PHS 1526

Right hand, for Fanlights, Pivot Lights and Casements, hung at bottom, side or in centre, **opening inwards.**

The "Roy" is made to suit both hands, but is sent right-hand unless otherwise ordered. For heavy or wide lights, a supporting arm for the opposite side is recommended. This arm is **No. PHS 1528** priced below.

Prices of **Nos. PHS 1526 and PHS 1527**

Iron, with Gun-metal Lever	...	...	...	6/- each.
Brass, " " "	...	...	...	8/10 "
All Gun-metal	...	...	...	11/- "
For Double Fanlights, opening inwards, Iron, with Gun-metal Lever	9/6	...	...	"
No. PHS 1528 Supporting Arm, for heavy or wide Fanlights, Brass	...	...	...	2/- "

The "Fall-Flush" Fanlight Opener.

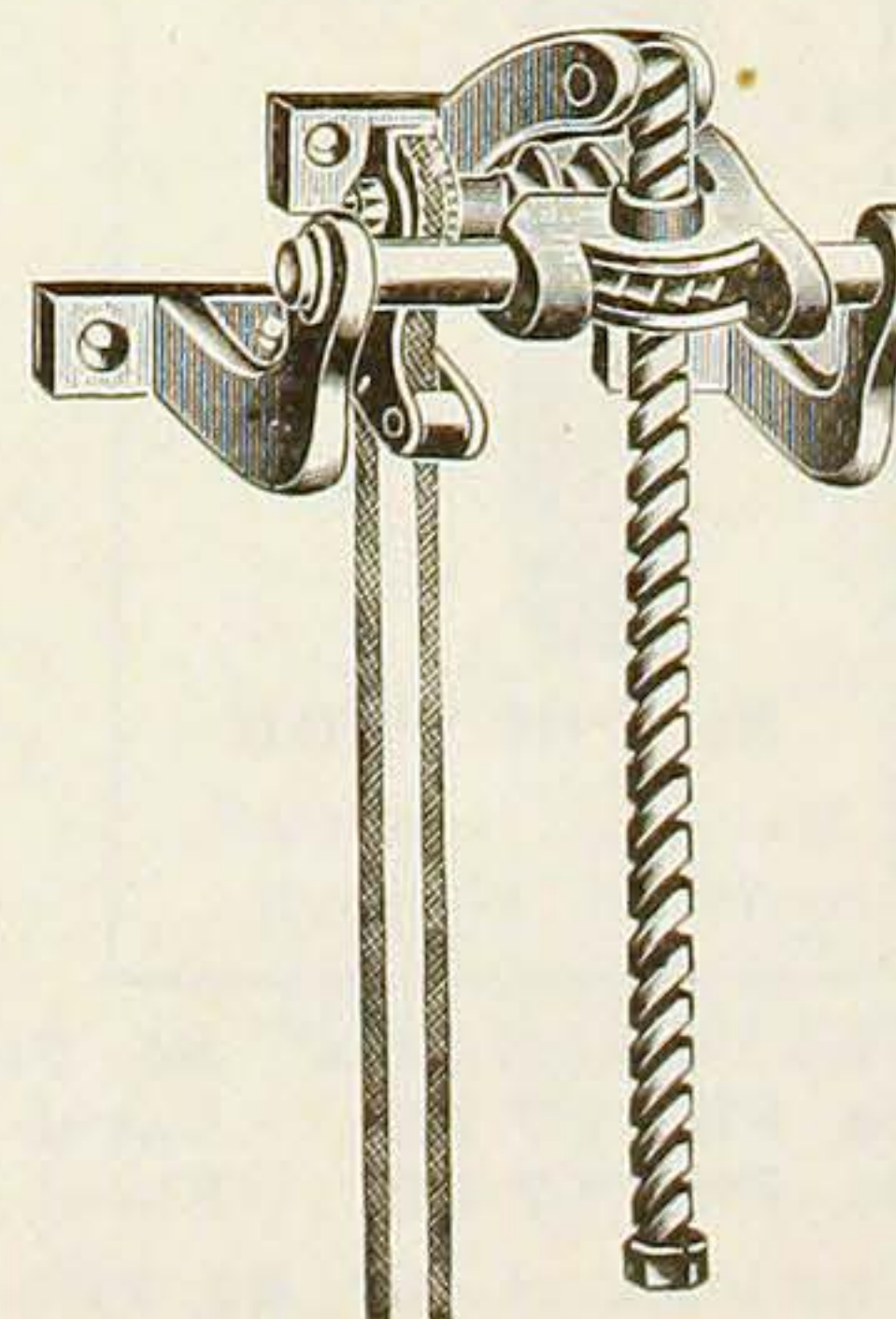
No. PHS 9184

To hang Flush when Light is closed.

This Opener falls flush when Light is closed, projecting only 2 1/2", and the same Opener is equally suitable for Fanlights hung at bottom, opening in, and hung at top, opening out.

12 x 3/8"	Iron Rod and Fittings	8/9 each.
18 x 1/2"	" " "	12/- "
12 x 3/8"	Brass Rod and Fittings	14/9 "
18 x 1/2"	" " "	20/3 "

The "Fall-Flush" Patent Openers are twice as powerful as others, and work easily, smoothly and noiselessly. When ordering please state if Iron or Brass. Openers are suitable for Flush Lights. If Fanlight is recessed, please state how much.



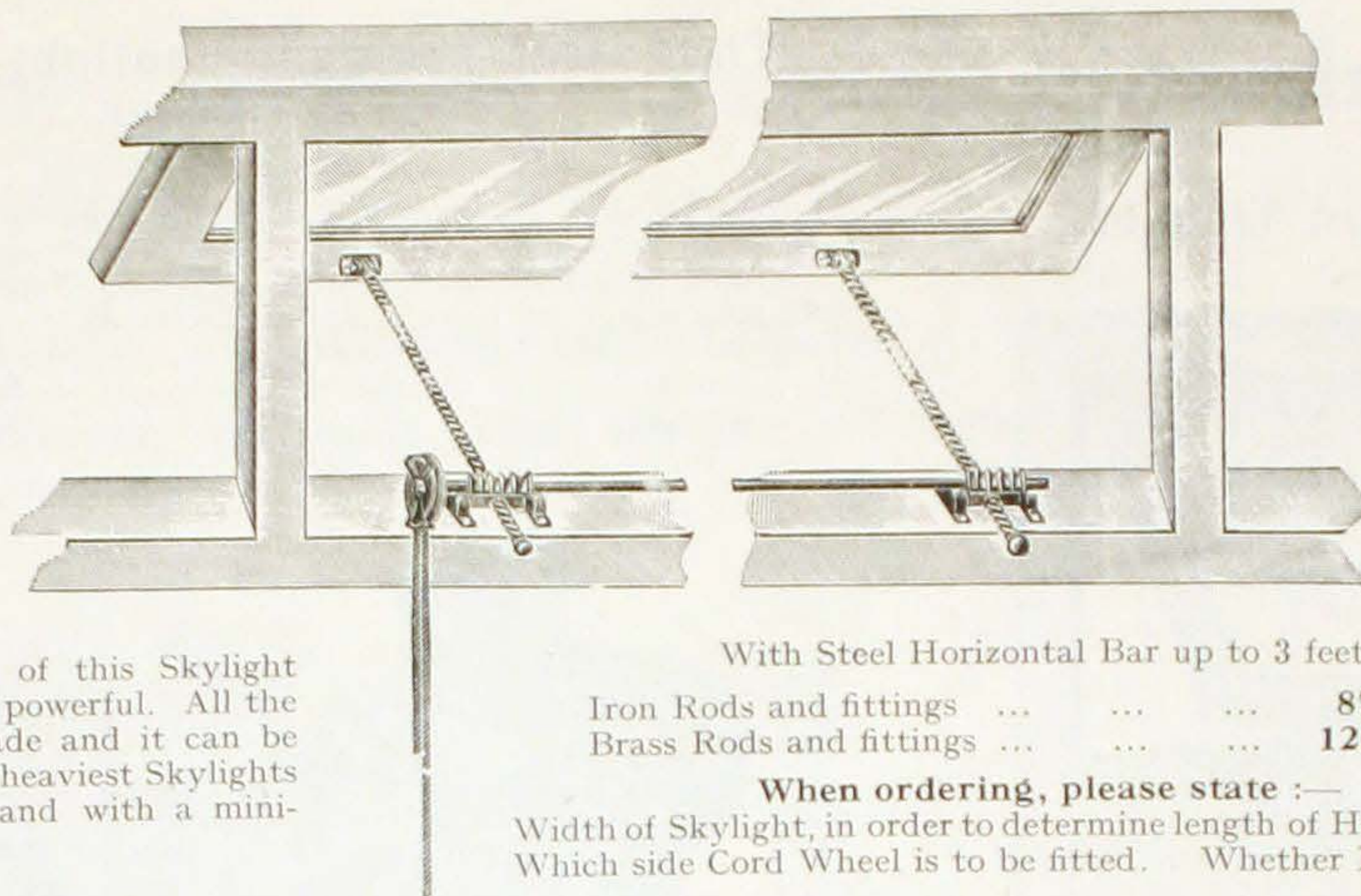
The "Full-Air" Patent Double Openers

For Wide or Heavy Skylights.

No. PHS 9205

Size 24" x 8"

The unusual construction of this Skylight Opener makes it extremely powerful. All the parts are very strongly made and it can be depended upon to work the heaviest Skylights smoothly and noiselessly, and with a minimum of effort.

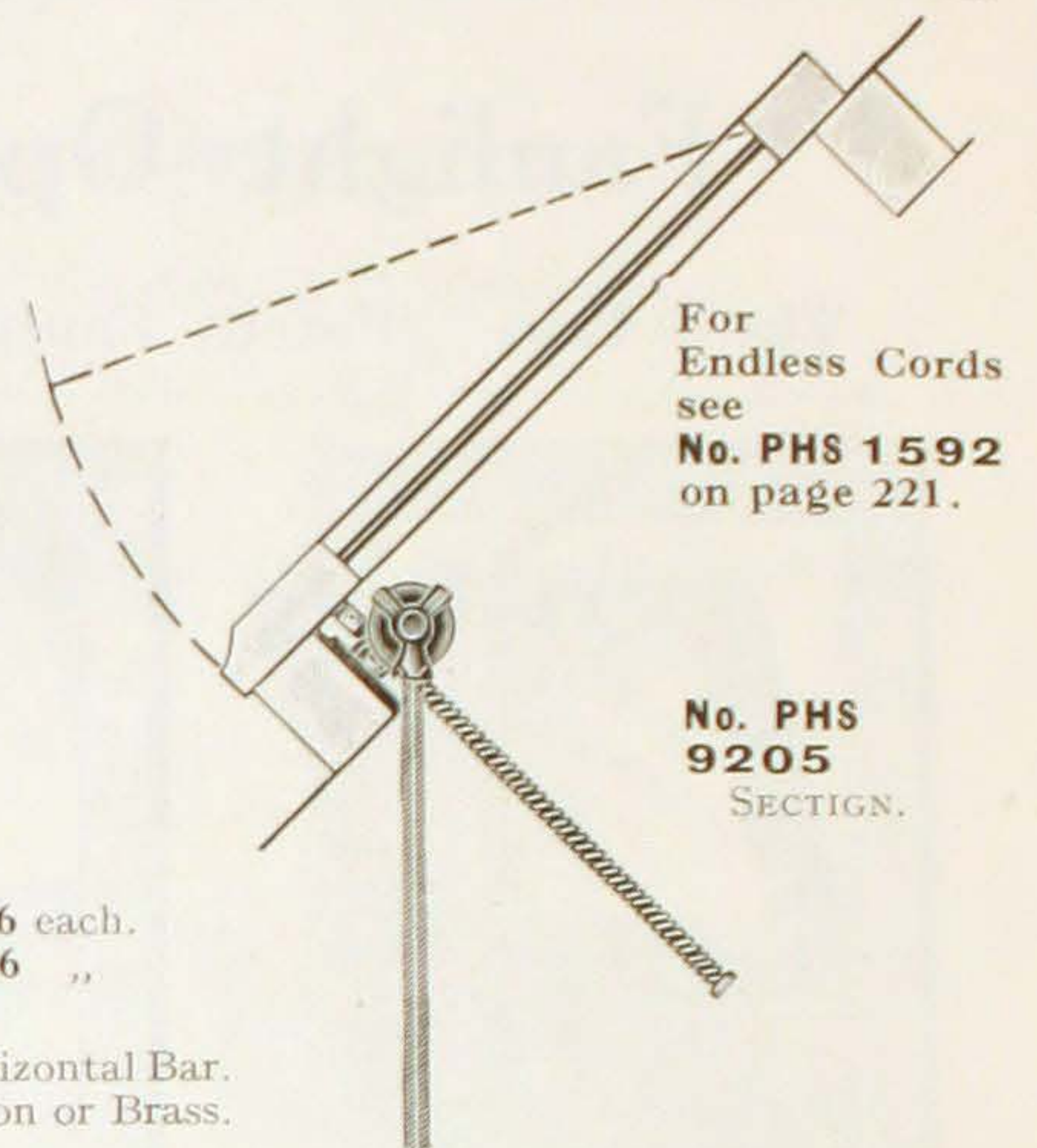


With Steel Horizontal Bar up to 3 feet.

Iron Rods and fittings ... 87/6 each.
Brass Rods and fittings ... 120/6 "

When ordering, please state :—

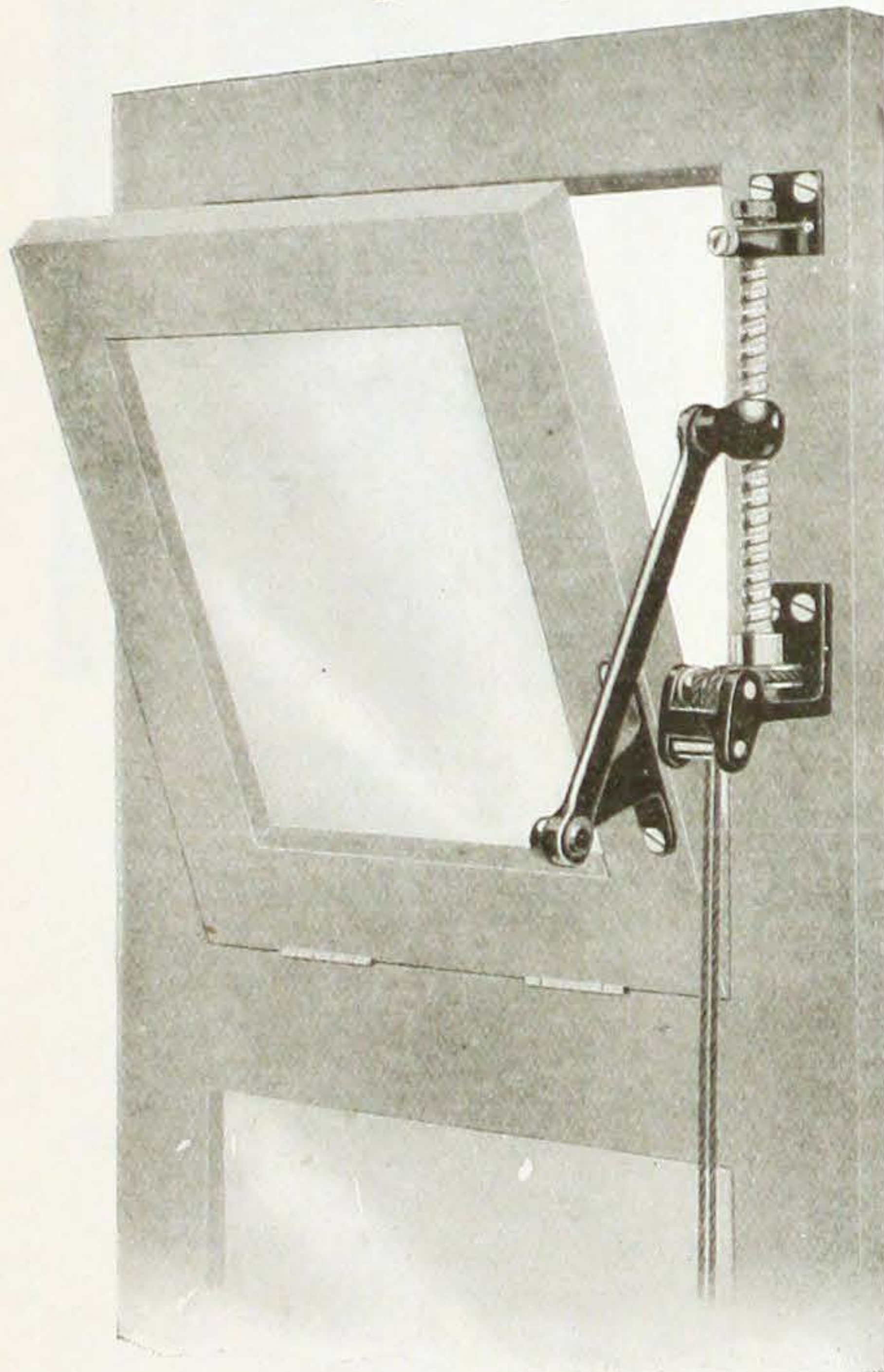
Width of Skylight, in order to determine length of Horizontal Bar.
Which side Cord Wheel is to be fitted. Whether Iron or Brass.



For Endless Cords see
No. PHS 1592
on page 221.

No. PHS
9205
SECTION.

The "Connaught" Patent Ball-bearing Fanlight Opener



No. PHS 1593

This Opener is easily fixed and works smoothly and noiselessly.

It is detachable and allows the Fanlight to be opened right down for cleaning the outside. It is easily replaced and re-adjusted.

No. PHS 1593 For Flush Lights hung at bottom, opening in.

No. PHS 1594 For Flush Lights hung at top or centre.

Both same price.

Brass screw, iron fittings ... 11/6 each.
All Brass, Polished ... 13/9 "
All Gun Metal, Polished ... 17/- "

Also made for Recessed Lights, at slightly higher prices.

New Patent Fanlight Openers For Small Lights.

(Wood's Patent.)
Prov. Pat. 18768/22.)

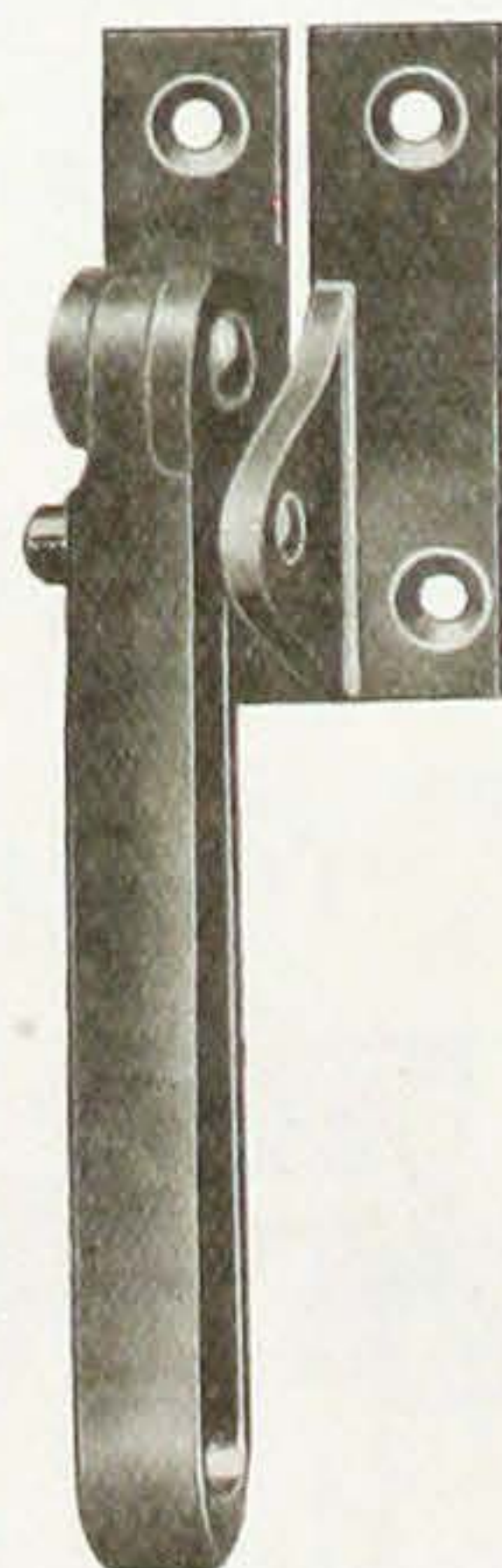
"EXCEL-OUT."

Strong Self-Locking.
Instantaneous Action.
No Screwing or Winding.
Reliable. Very Cheap. One slight pull of the cord opens or closes Fanlight in one second.

Three yards of Cord sent with each Opener.
Supplied Right Hand unless otherwise ordered.

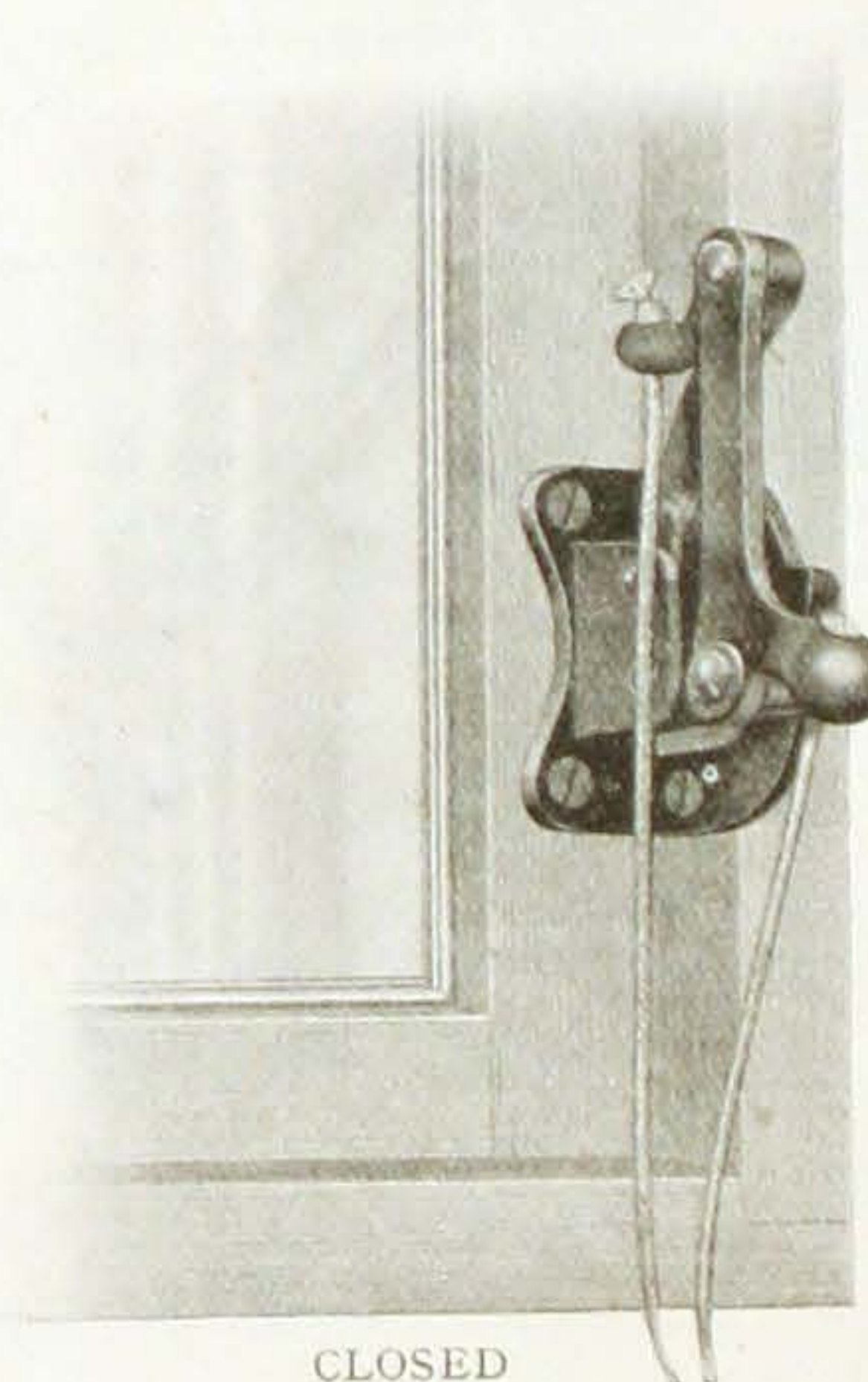
There is no wear whatever on the Cords, but they can be renewed if necessary (with ordinary Blind Cord, not Endless) in one minute.

THE "EXCEL" FANLIGHT QUADRANT ARM

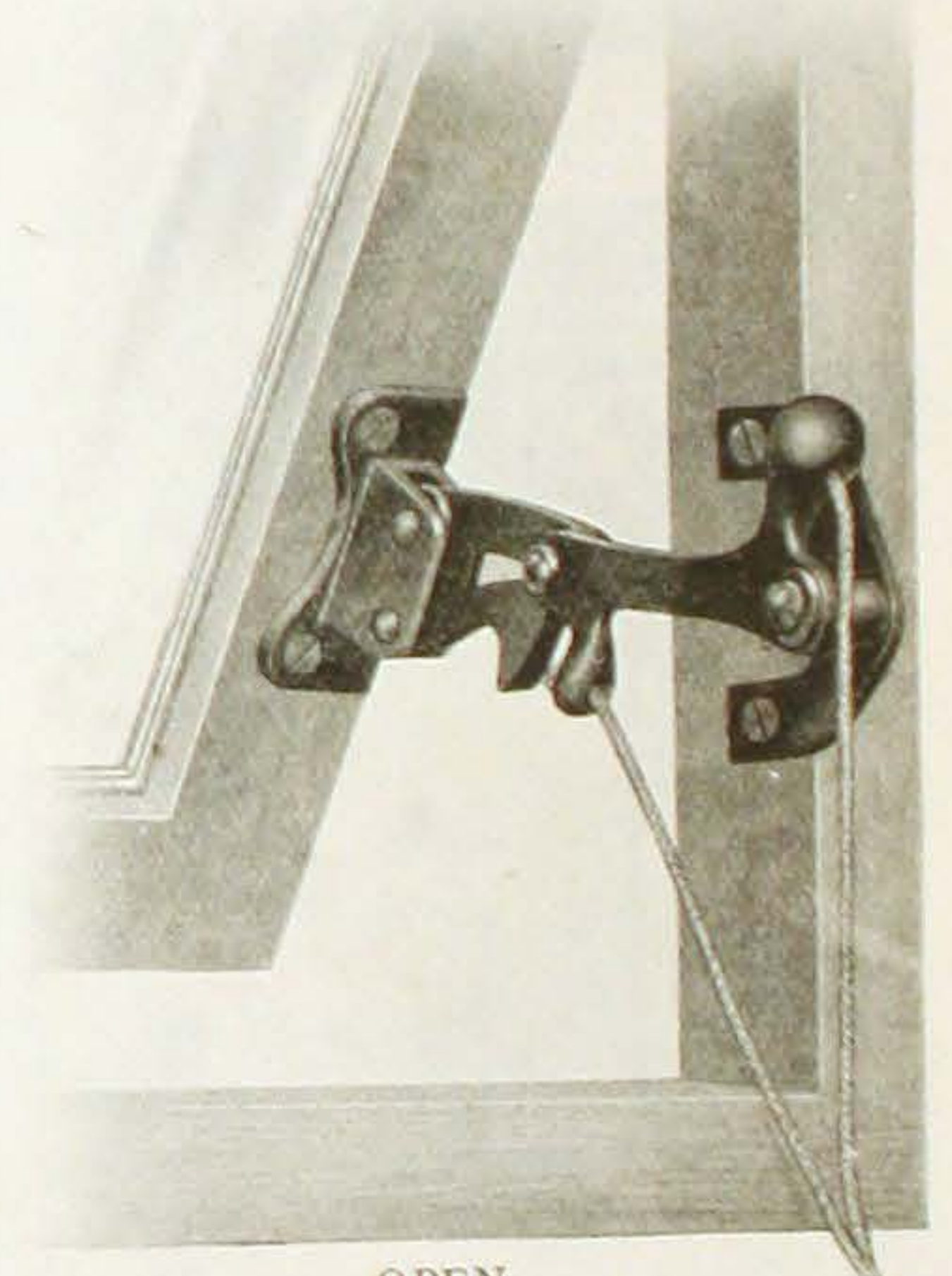


No. PHS 1768

Malleable Iron, Berlin Black, 1/- each.

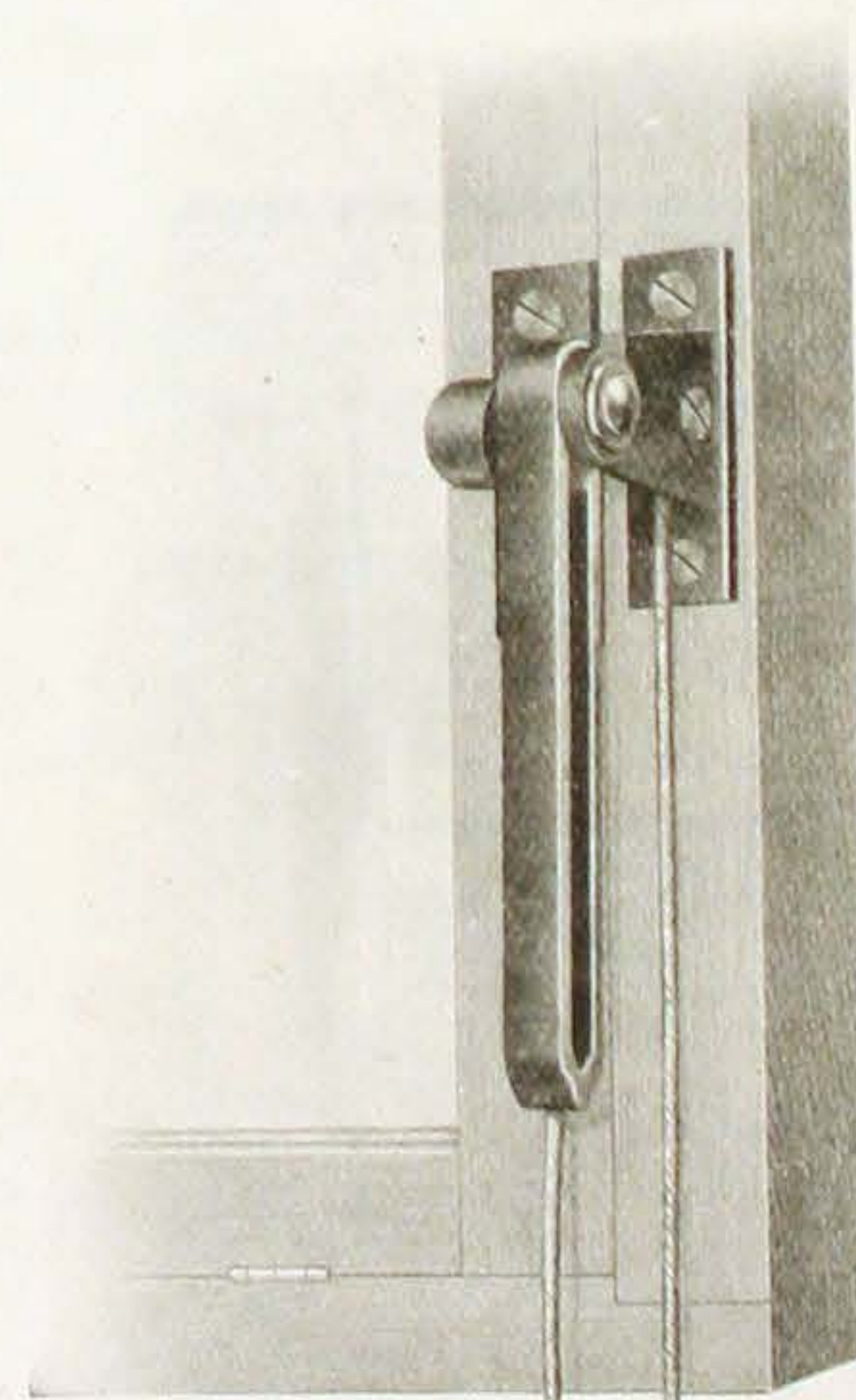


CLOSED

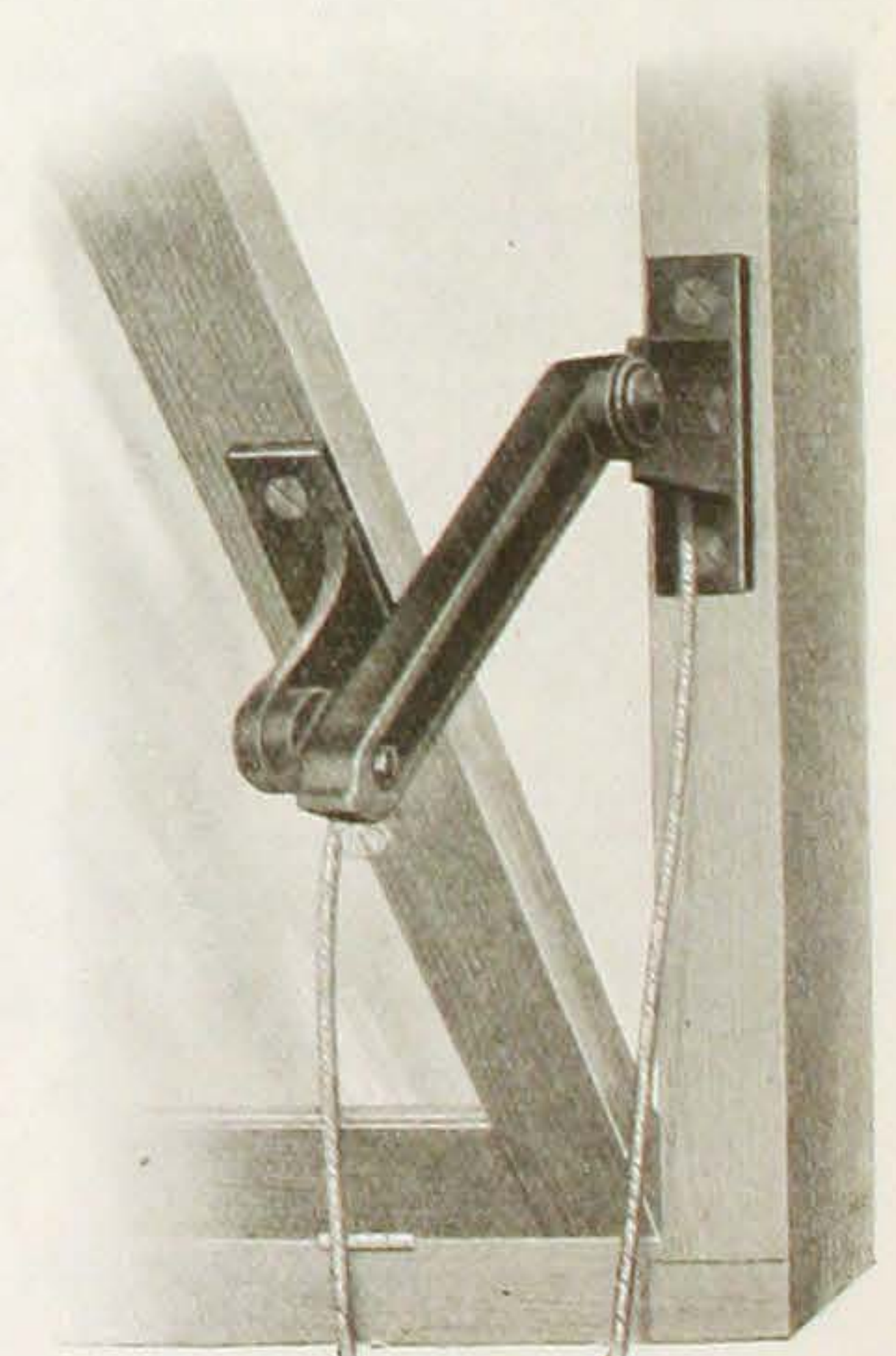


OPEN

"EXCEL-IN."



CLOSED

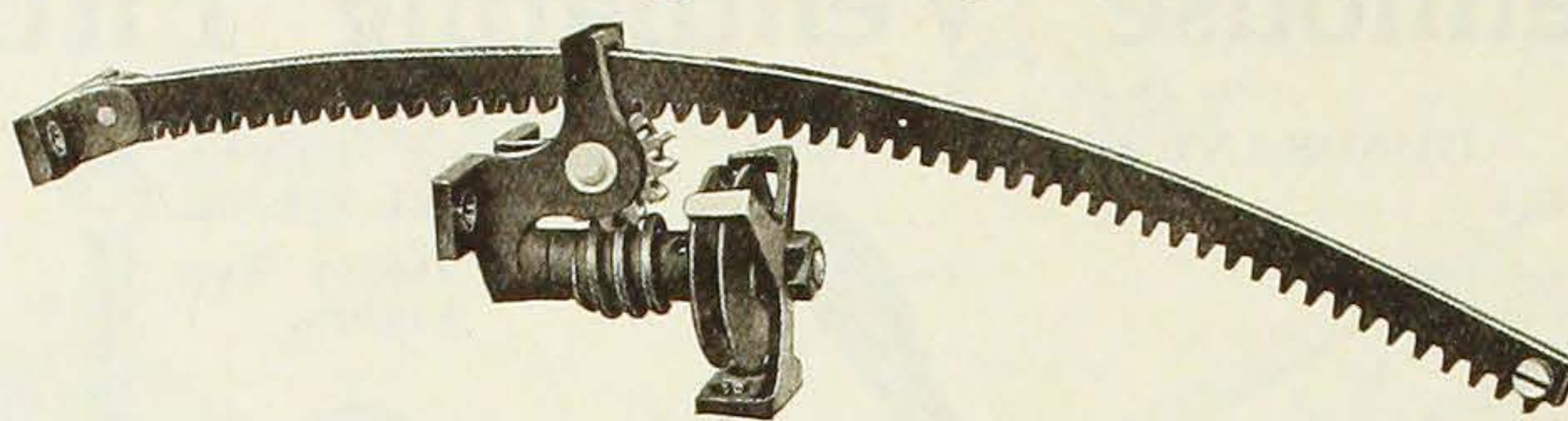


OPEN

The "Excel-Out" No. PHS 1718 for lights hung at top, opening out, recessed 1" or more.
No. PHS 1718 "Excel-Out" Priced each: Malleable Iron, 2/3; Brass 5/-; B.M.A. 6/9
No. PHS 1718 "Excel-Out" For large Fanlights. Malleable Iron, 3/3; Brass, 8/-; B.M.A., 9/4
The "Excel-In" No. PHS 1719 for lights hung at bottom, opening in, or on centres, flush with frame.
No. PHS 1719 "Excel-In" Priced each. Malleable Iron, 2/3; Brass, 5/-; B.M.A., 6/9

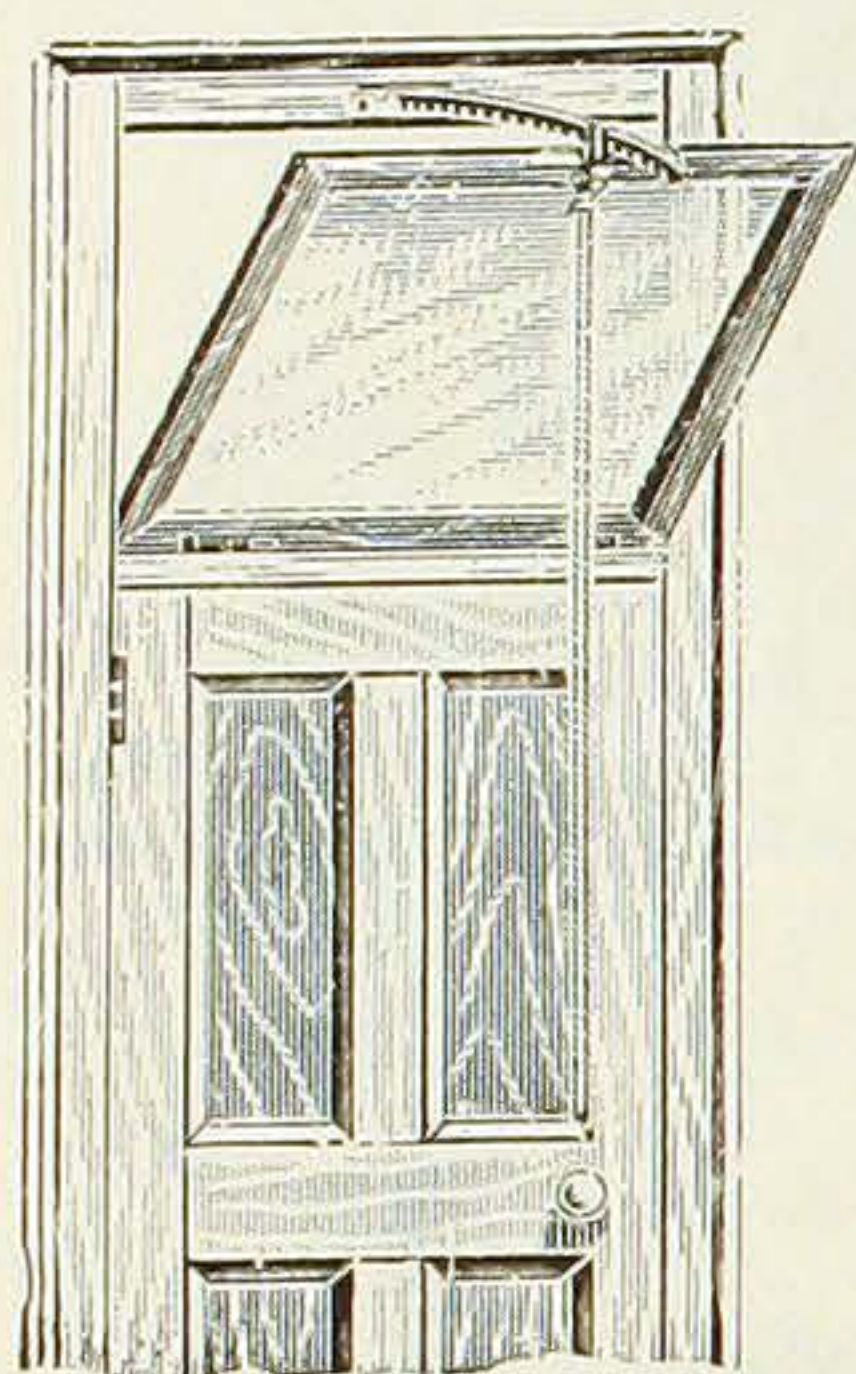
"SCREW-RACK" Fanlight Openers (or "Leggott's" System)

Noiseless in Action.

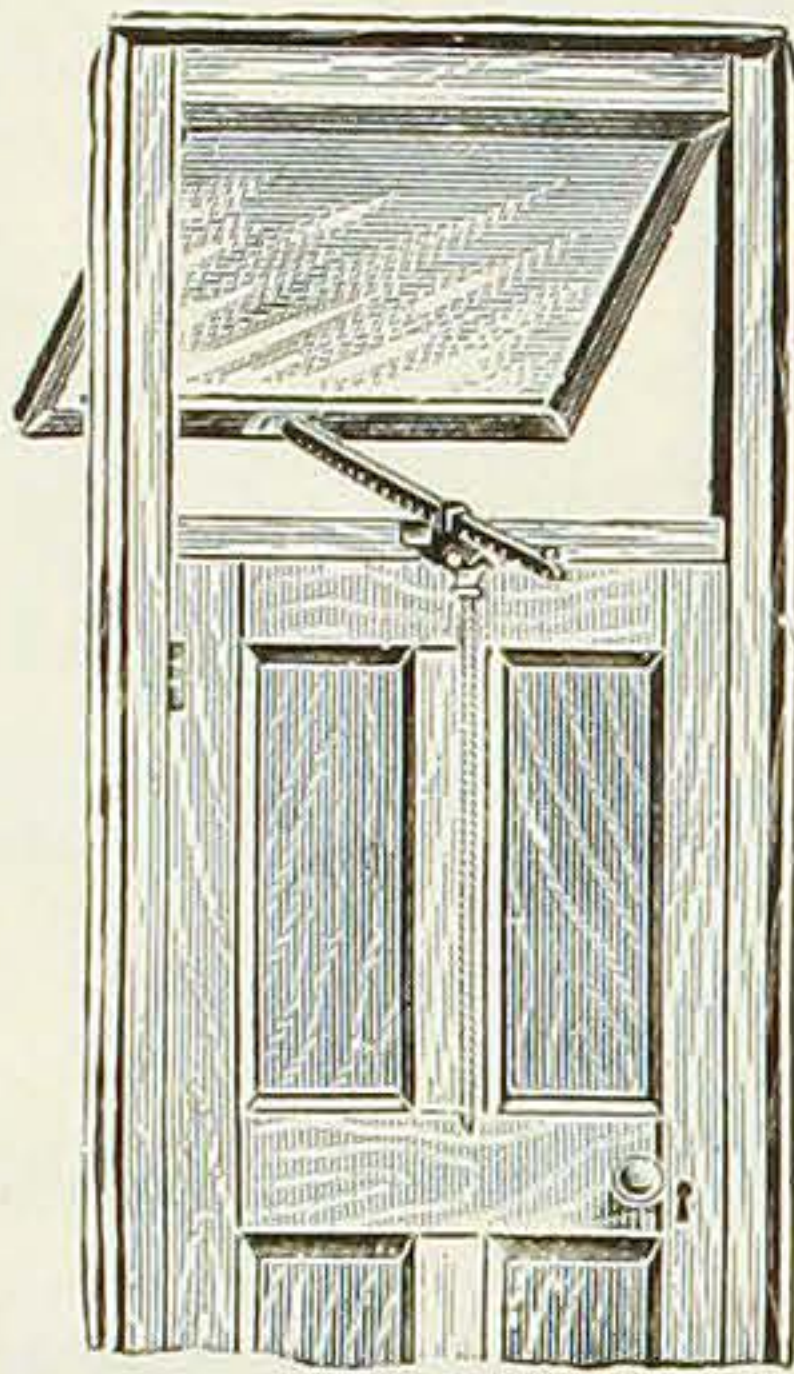
Secure
in any position.Suitable for
IRON as well as Wood
Casements.

No. PHS 1580 Quarter size.

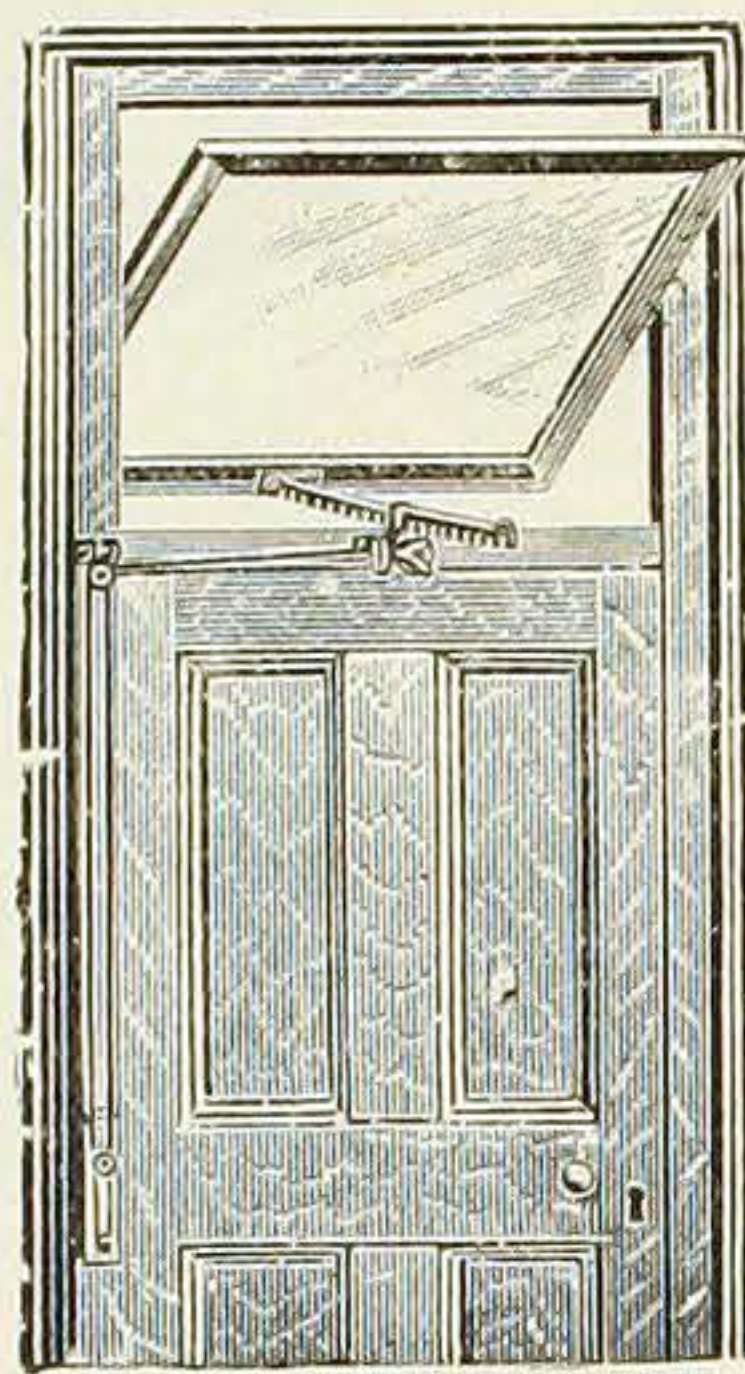
This Rack is made from Solid-drawn Steel or Gun-Metal Bar, and is accurately cut by special machinery. The worm Wheel is also Machine Cut from solid Gun-Metal Bar, instead of, as usual, being cast, which ensures continually smooth working. Prices below.



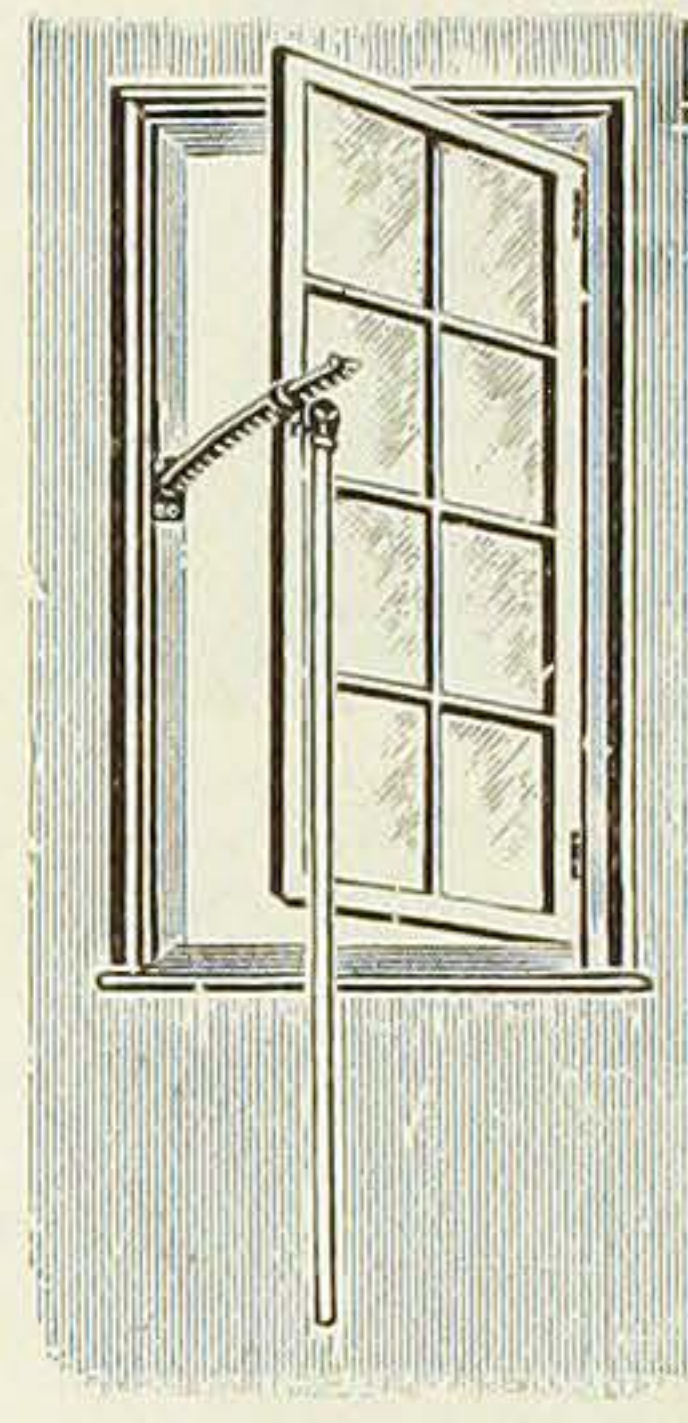
Model E.



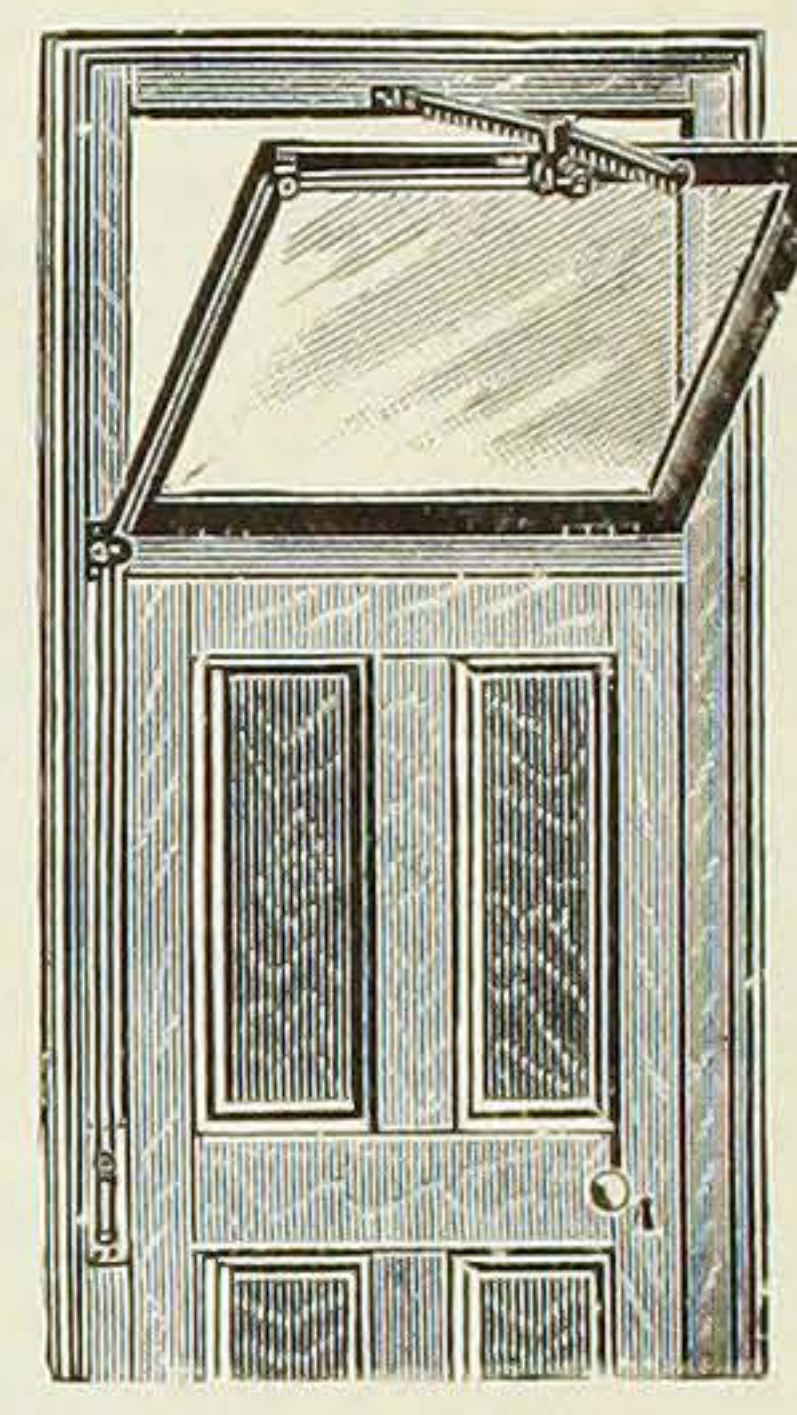
Model D.



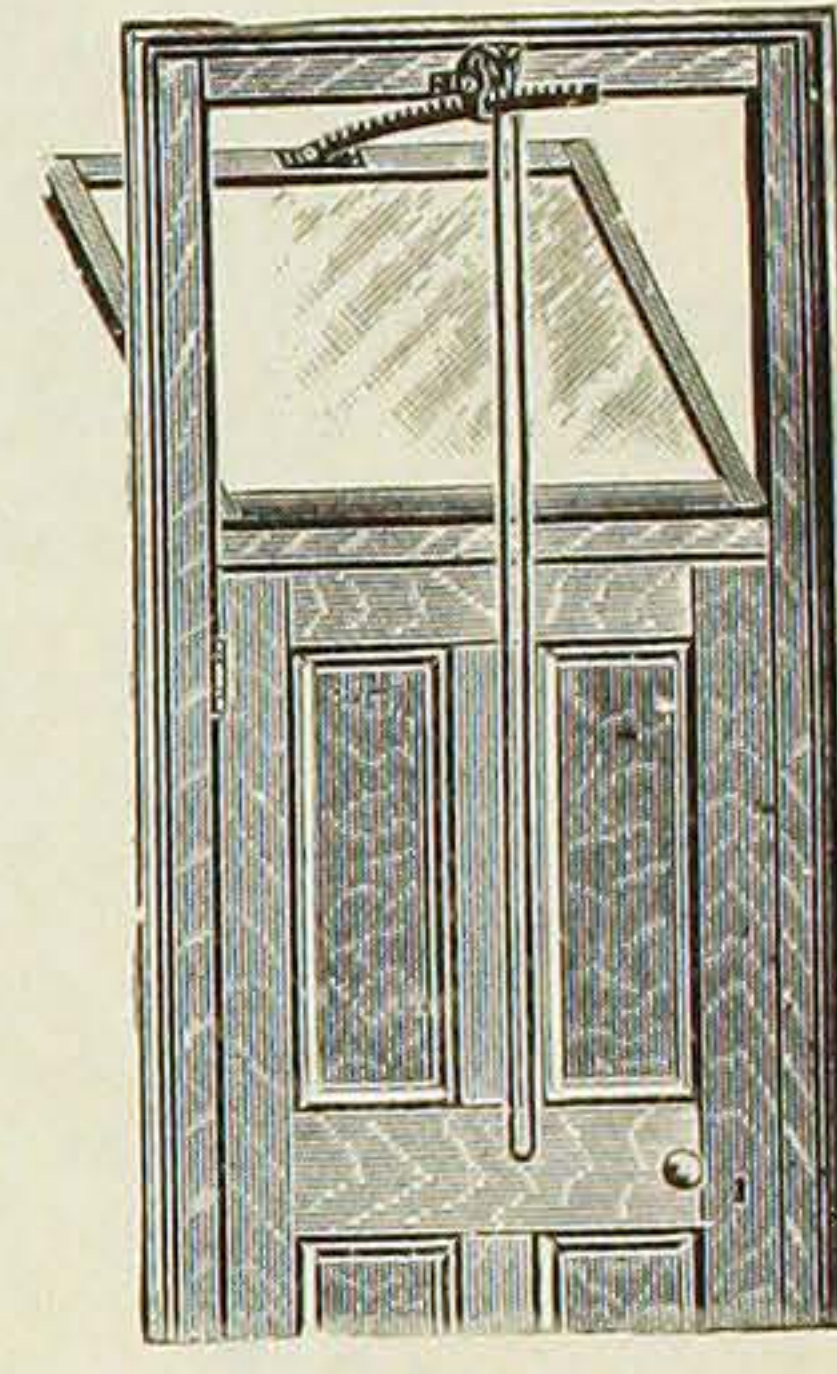
Model C.



Model B.



Model G.



Model M.

Extension Brackets (Model L)

To suit Recessed Lights.

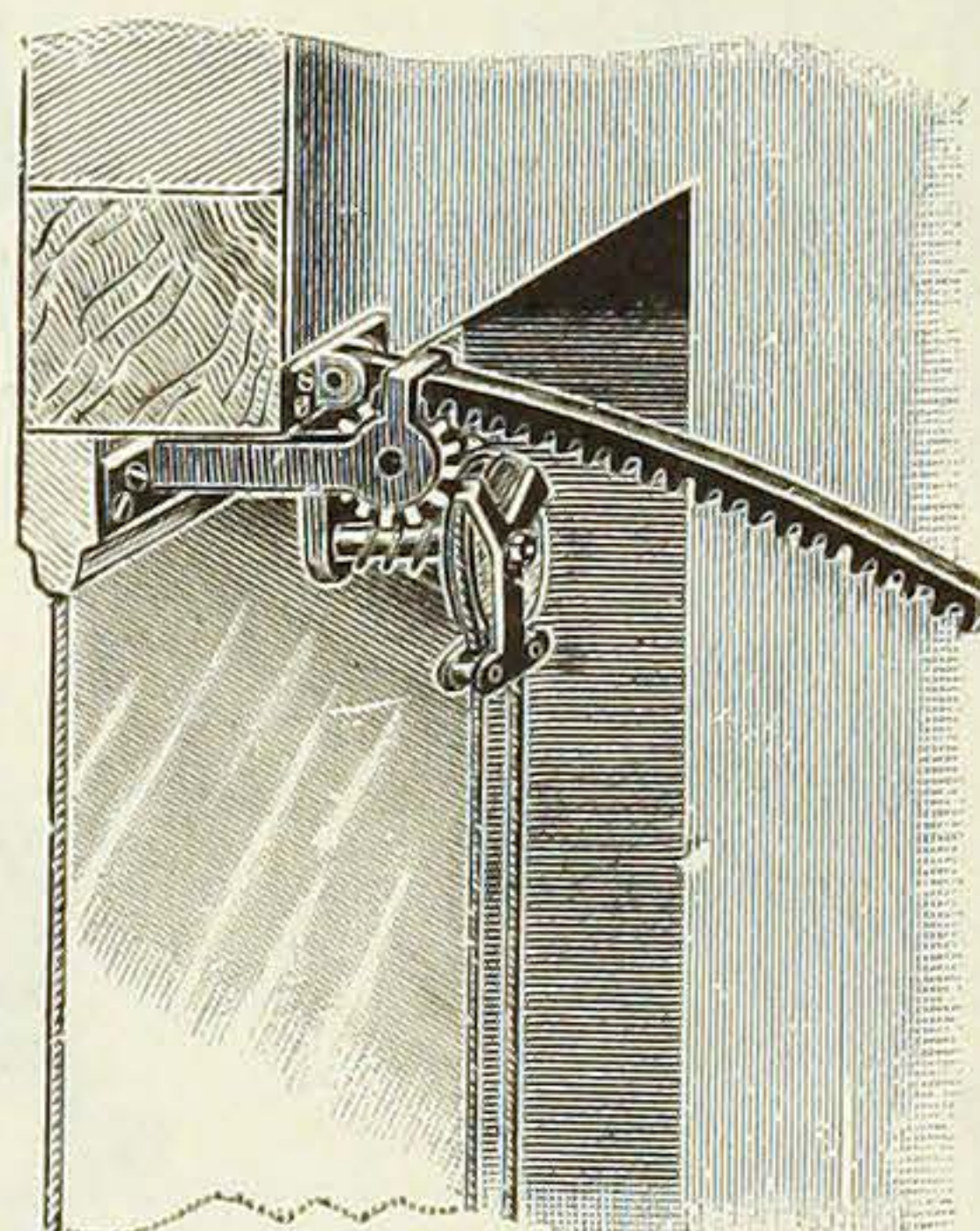
Extra.

For No. PHS 1580	Size	1"	2"	3"	4"
Recessed	...	1"	2"	3"	4"
Malleable Iron	...	1/4	1/9	2/3	2/8 each.
Gun-Metal, Polished	...	1/9	2/8	3/6	4/6 "

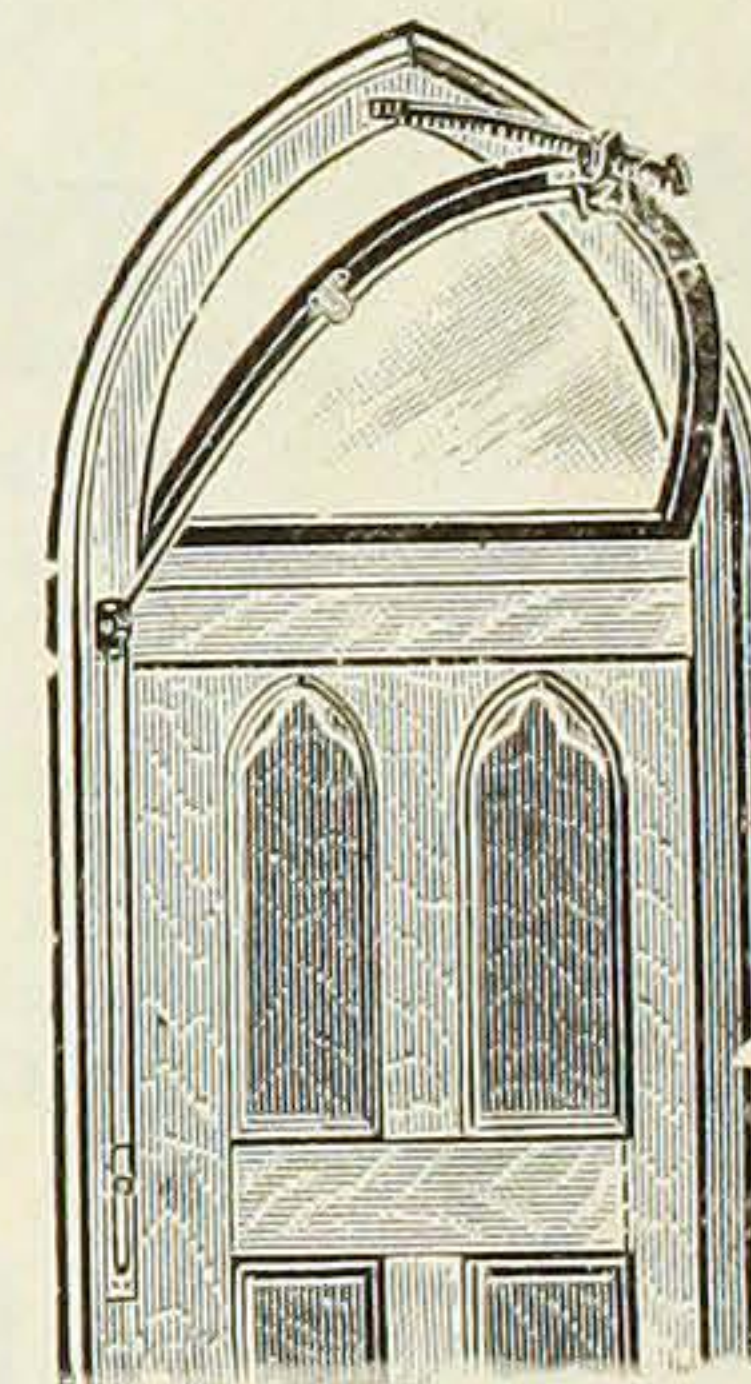
For No. PHS 1581	Size	1"	2"	3"	4"
Recessed	...	1"	2"	3"	4"
Malleable Iron	...	1/6	2/3	3/-	3/6 each.
Gun-Metal, Polished	...	2/1	3/3	4/6	5/8 "

All other models same price, according to size.

Pulleys, etc., for Models C, G and K, are charged extra, and should be ordered separately.



Model L.



Model K.

WEIGHTED HANDLE.



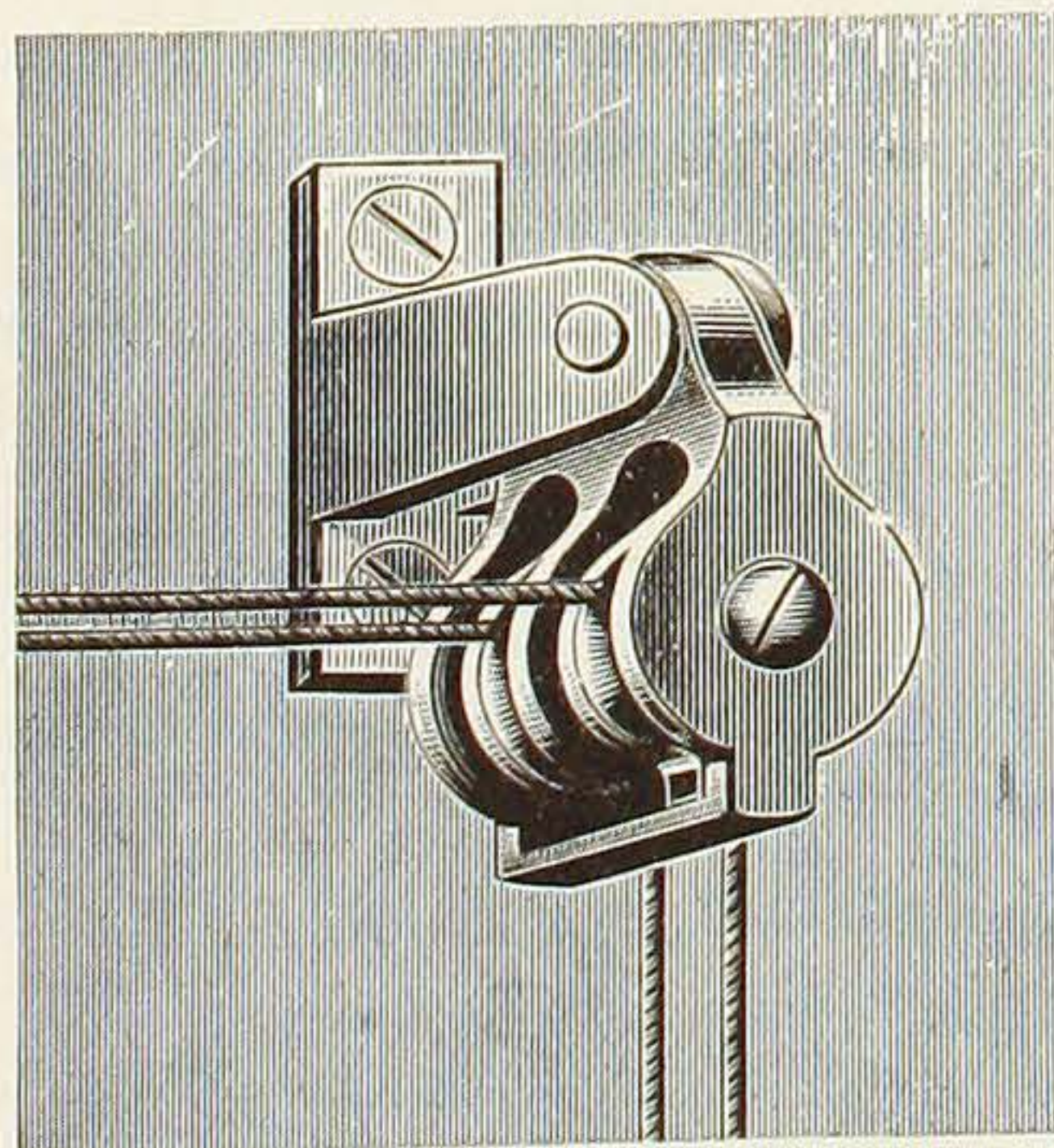
No. PHS 1591

Plate $7\frac{1}{4}'' \times 1\frac{1}{4}''$
Drop, $4\frac{1}{2}''$
Best Malleable Iron each $4/3$
Brass, Dead Dipped ... $7/6$
Gun Metal, Polished $8/6$

Prices each. Cord extra as below.

		Length of Screw Racks	12"	14"	16"	18"	20"	21"	24"
No. PHS 1580	Malleable Iron, Gun-Metal working parts	...	4/3	4/6	4/9	—	—	—	—
	All Gun-Metal, Polished	...	10/-	10/6	11/-	—	—	—	—
No. PHS 1581	Malleable Iron, Gun-Metal working parts	...	—	—	5/9	6/6	7/-	—	—
	All Gun-Metal, Polished	...	—	—	12/-	13/-	14/-	—	—
No. PHS 1582	Malleable Iron, Gun-Metal working parts	...	—	—	—	—	15/3	16/-	—
	All Gun-Metal, Polished	...	—	—	—	—	30/-	31/6	—

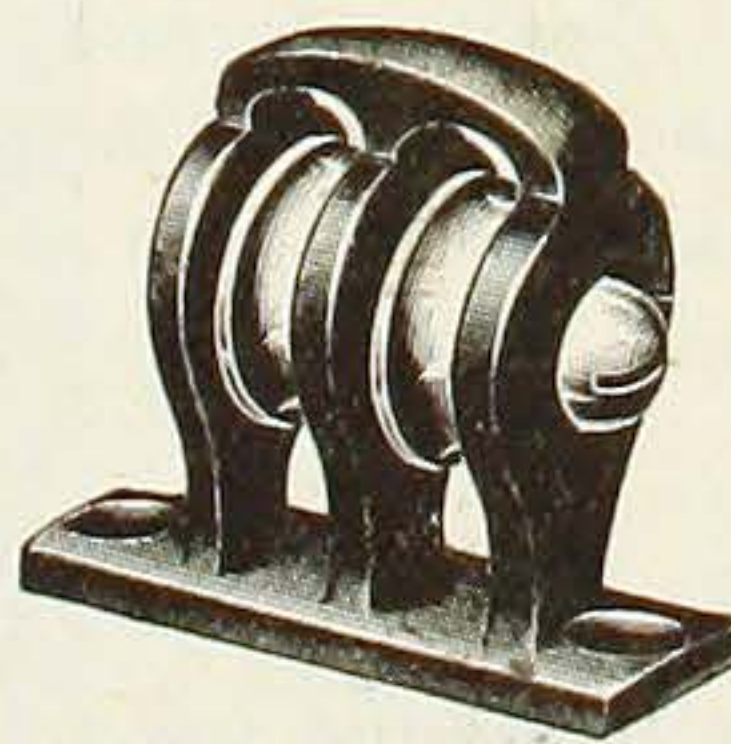
DOUBLE SWIVEL PULLEY.



No. PHS 1586

Plate, $1\frac{3}{4}'' \times \frac{11}{16}''$ Projection, $1\frac{1}{2}''$
Sheaves, $\frac{7}{8}''$

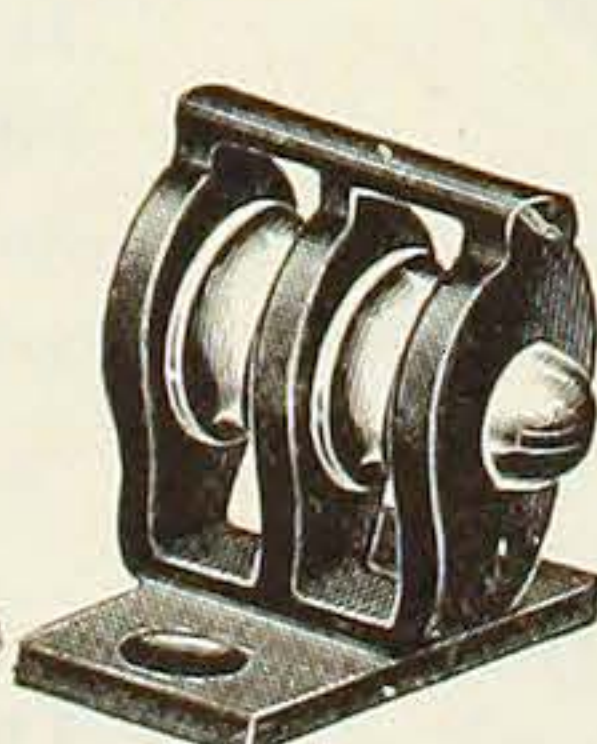
INNER ANGLE PULLEY



No. PHS 1587

Plates, $2\frac{1}{8}'' \times \frac{7}{8}''$
Projection, $1\frac{3}{4}''$
Sheaves, $\frac{7}{8}''$

OUTER ANGLE PULLEY

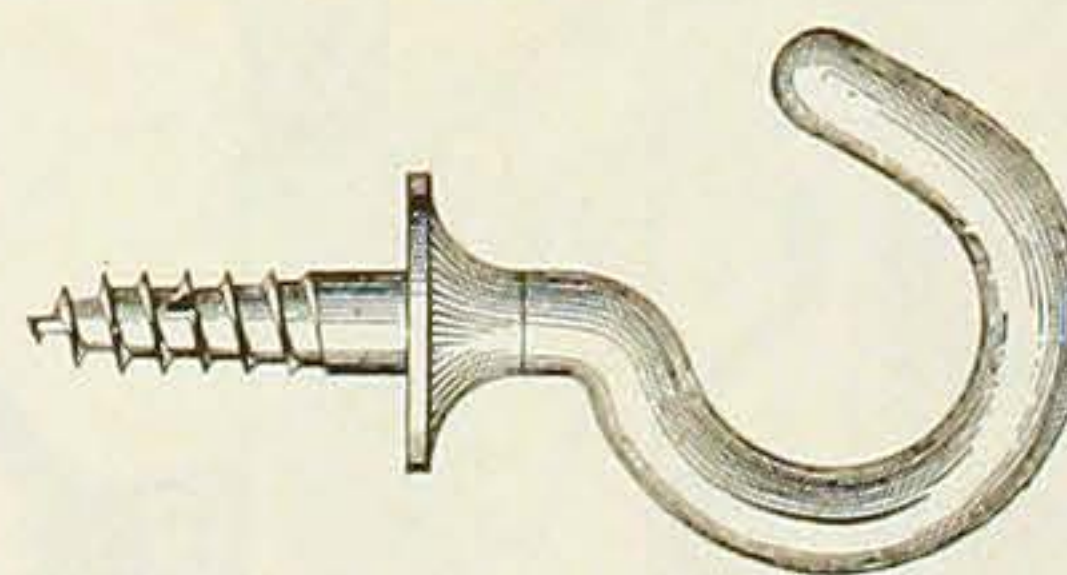


No. PHS 1588

Nos. PHS 1586,
PHS 1587 and PHS 1588

Best Malleable Iron ... $3/3$ each.
Brass, Dead Dipped ... $4/3$ "
Gun-Metal, Polished ... $5/-$ "

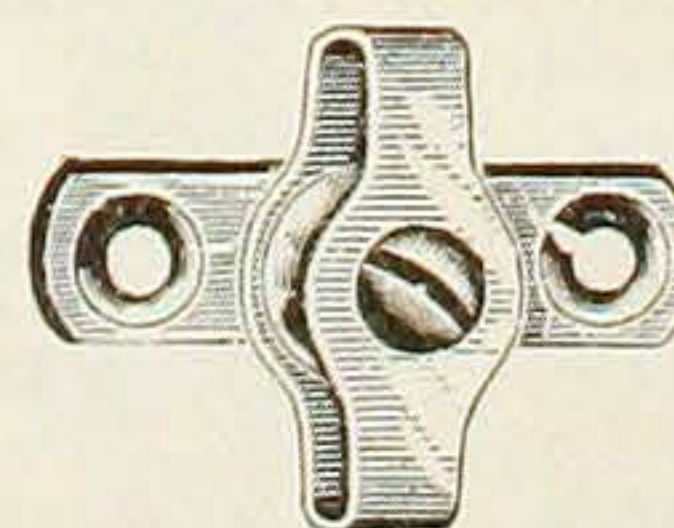
BRASS HOOK.



No. PHS 8701

To hang cord over loosely.
Size ... $1\frac{1}{8}''$ $1\frac{1}{4}''$ $2''$
 $14/8$ $21/6$ $27/8$ gross
 $1/4$ $1/11$ $2/6$ doz.

CORD PULLEY.



No. PHS 1589
Plate $1\frac{3}{4}'' \times \frac{1}{2}''$ Sheaves, $\frac{11}{16}''$
 $21/-$ dozen, $1/10$ each.

ENDLESS CORDS.



No. PHS 1592

To suit Stock Openers shown on this and other pages.
"B" to suit Medium size Openers.

Size	3'	4'	5'	6'	7'	8'	9'
	5/9	6/9	7/2	7/8	8/4	10/-	11/-
	10'	12'	14'	16'	18'	20'	23/9
	12/-	14/3	16/9	20/-	21/6	23/9	

"D" To suit large size Openers.

Size	3'	4'	5'	6'	7'	8'	9'
	10/3	11/10	12/9	14/-	15/9	17/8	18/6
	10'	12'	14'	16'	18'	20'	
	19/9	25/6	31/6	35/3	36/9	39/5	

per dozen.
All above lengths are Double, i.e., 6' Endless contains 12' of cord.

HANDLES.

FOR ENDLESS CORDS.

No. PHS 1688 $2\frac{1}{4}''$ long.
Iron, with Brass Wheel ... $1/3$ each.
All Brass ... $3/9$ "

No. PHS 1688L Larger, $3\frac{1}{2}''$ long.
Iron, with Brass Wheel ... $1/9$ each.
All Brass ... $5/3$ "



Greenhouse Ventilating Fittings

SPRING LEVER.



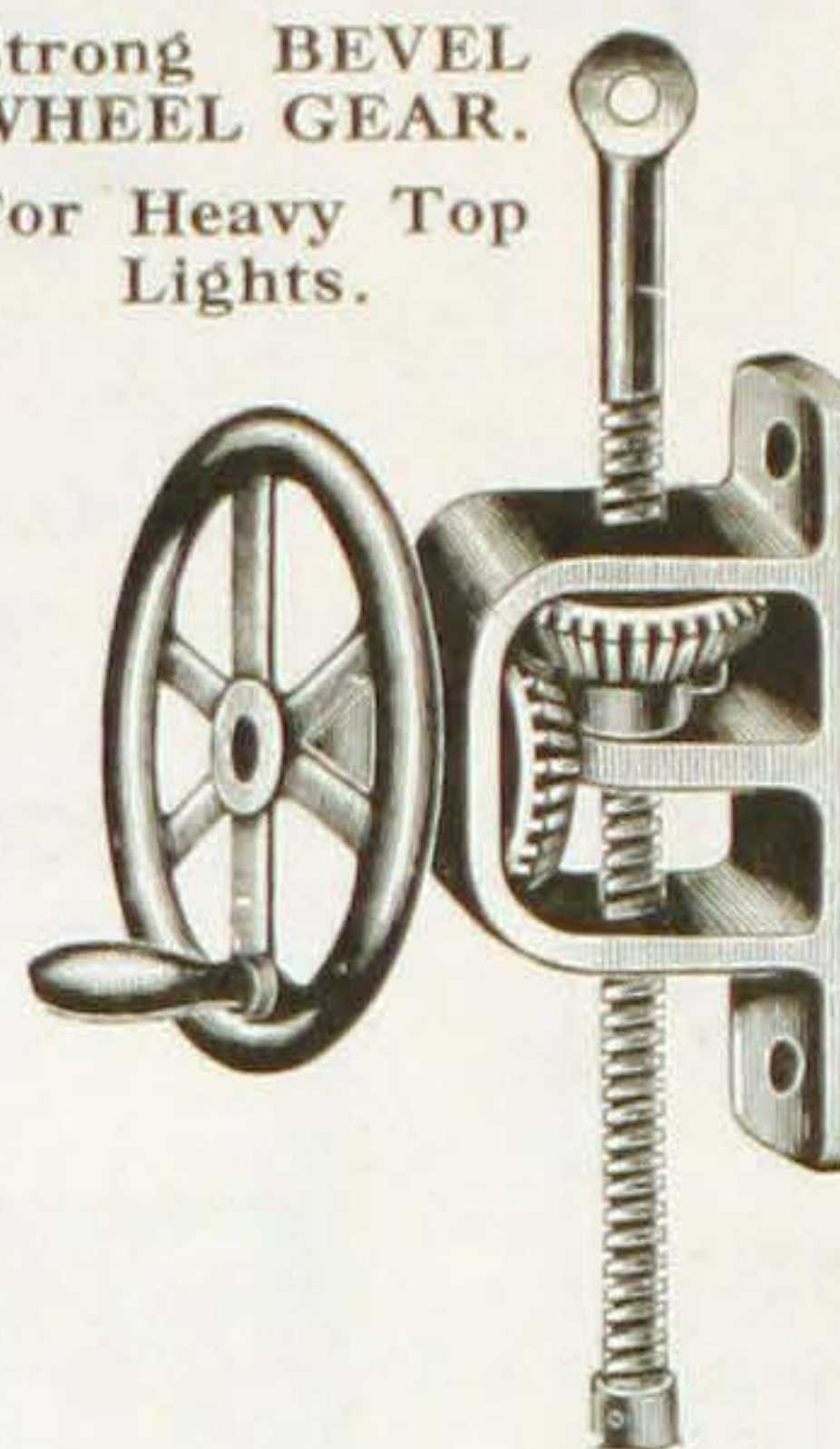
No. PHO 1670
28/- each.

QUADRANT LEVER.



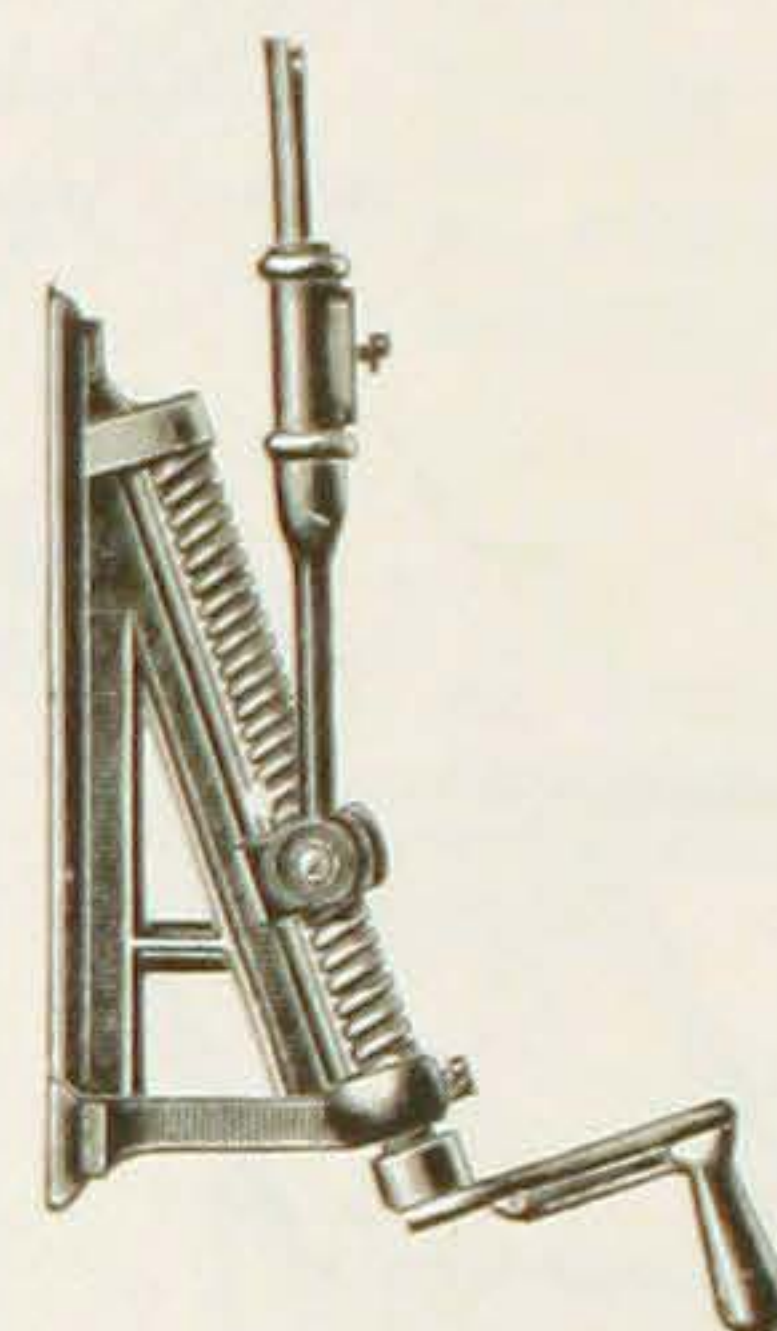
No. PHO 1667
To fix on horizontal bar.
15/6 each.

Strong BEVEL
WHEEL GEAR.
For Heavy Top
Lights.



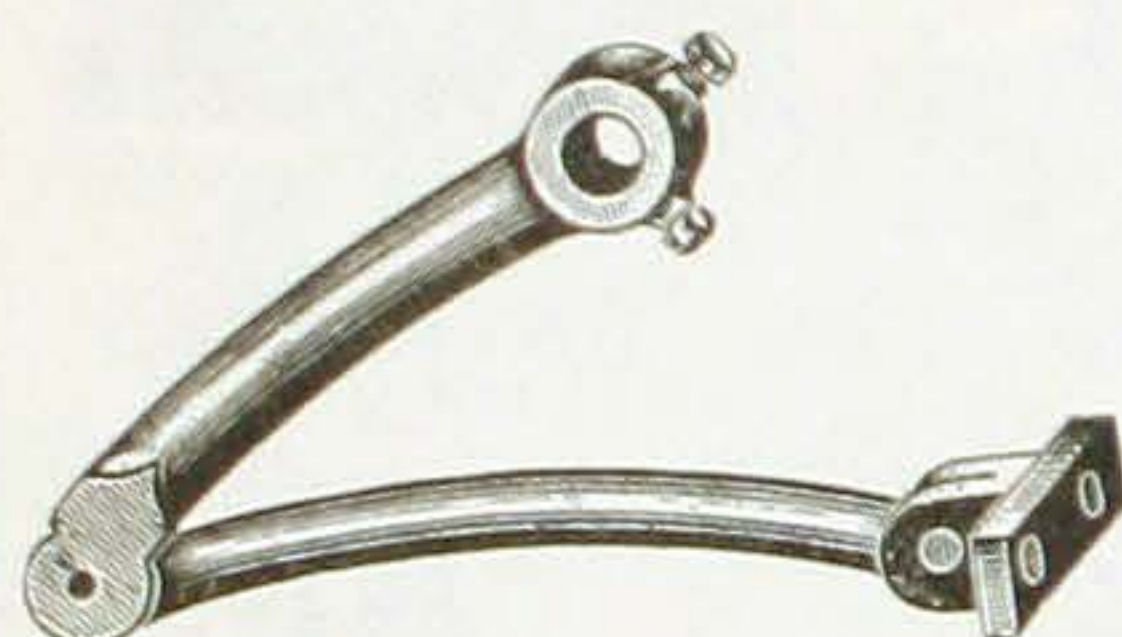
No. PHO 1672
44/9 each.

PATENT SCREW GEAR.



No. PHO 1669
This Patent Gear is neat,
powerful, and easily fixed.
31/9 each.

JOINTED ARM.



No. PHO 1673
Full length—
16" 18" 20" 22"
3/10 4/3 4/6 5/- each.

PLATE CARRIER.



No. PHO 1676
Projects 3" to centre.
Common Iron, 2/- each.

CONNECTING JAWS.
To suit 1/2" Tube.



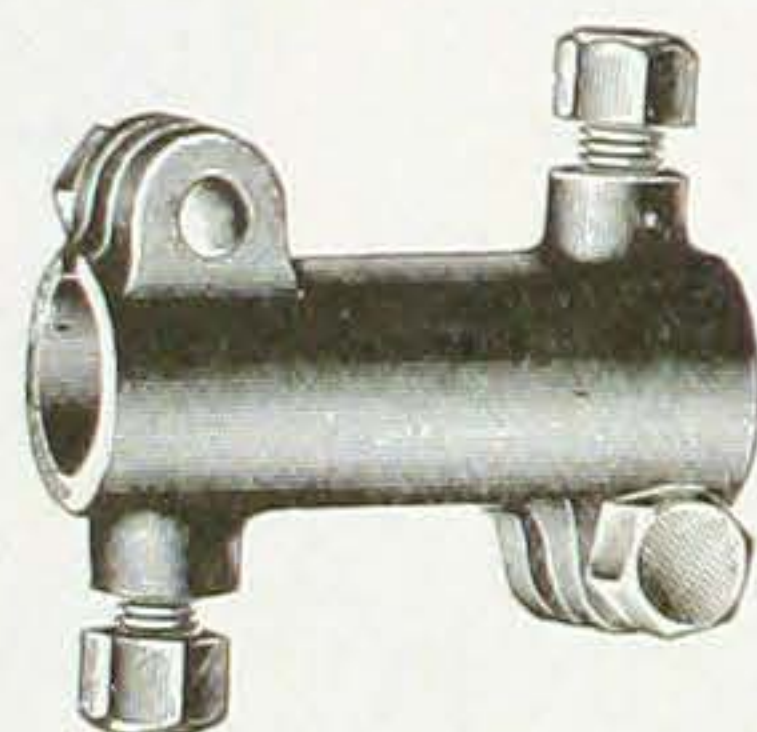
No. PHO 1678
2/9 each.

STRONG LEVER.



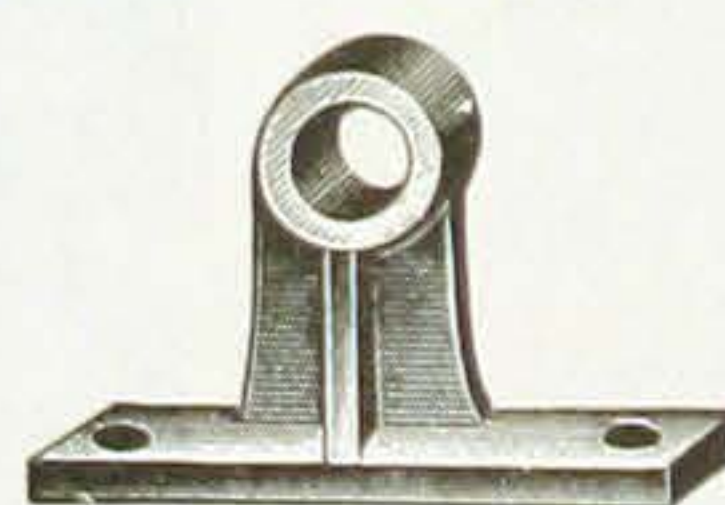
No. PHO 1674
Full length—
9" 12" 15" 18"
3/9 4/2 4/6 5/- each.

COUPLING.
For 3/4" Tube.



No. PHO 1687
Common Iron, 6/- each.

CARRIER.



No. PHO 1675
Projects 3" to centre.
Common Iron, 2/- each.

For Illustrations
of
COMPLETE SETS
See Page 224.

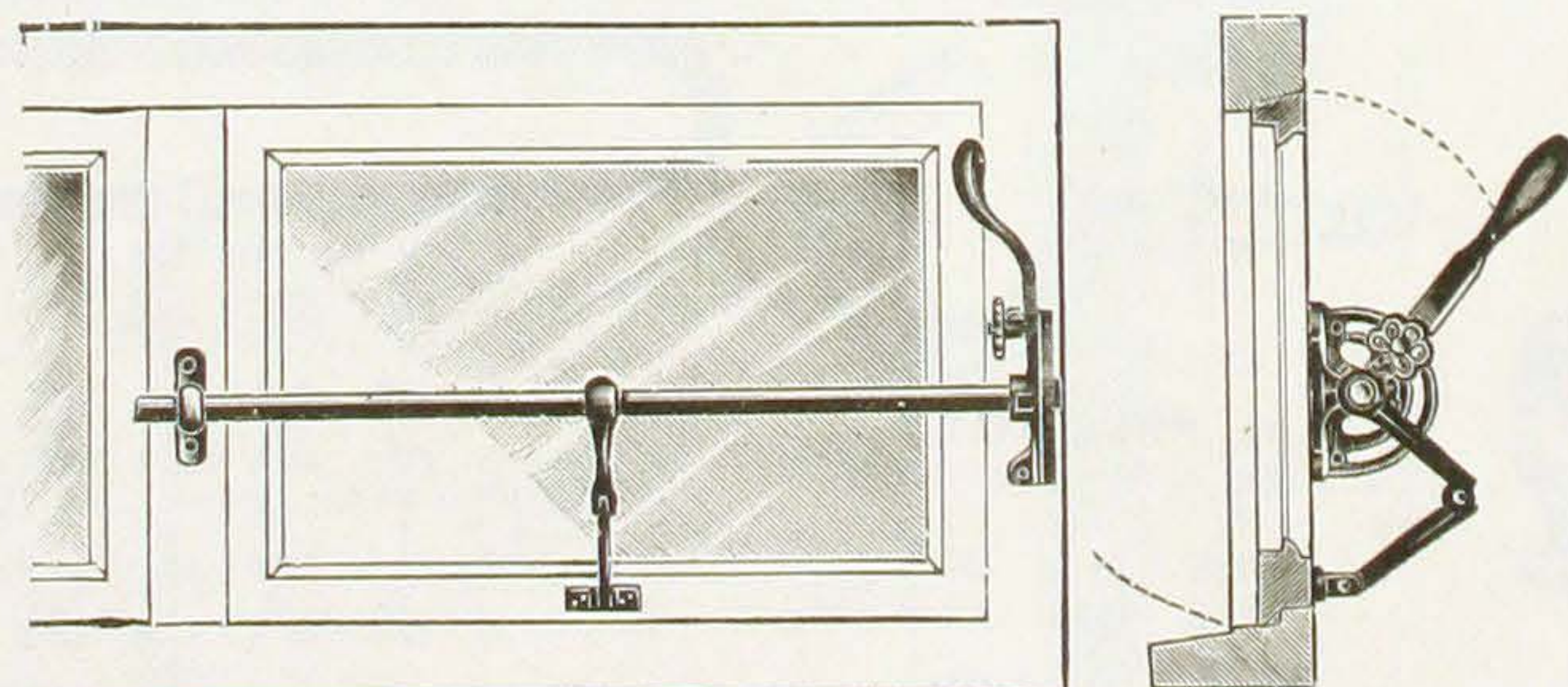
COLLAR.



No. PHO 1677
1/6 each.

MALLEABLE
IRON QUADRANT
LEVER.

No. PHO 1671
Connecting Tube not included
23/- each.



The engraving represents **No. PHO 1663** fitted to Lights hung on centres.
For very small lights only.

	One Light.	Two Lights.	Three Lights.	Four Lights.
No. PHO 1663 All Iron. With one arm to each light	16/6	24/9	32/10	41/3 set.
No. PHO 1664 With two arms to each light	22/-	35/-	48/3	73/6 "
For Ordinary Lights.				
No. PHO 1665 With one arm to each light	23/9	35/8	47/2	59/- "
No. PHO 1666 With two arms to each light	29/9	47/2	65/-	83/9 "

LEVER ACTION GEARING.

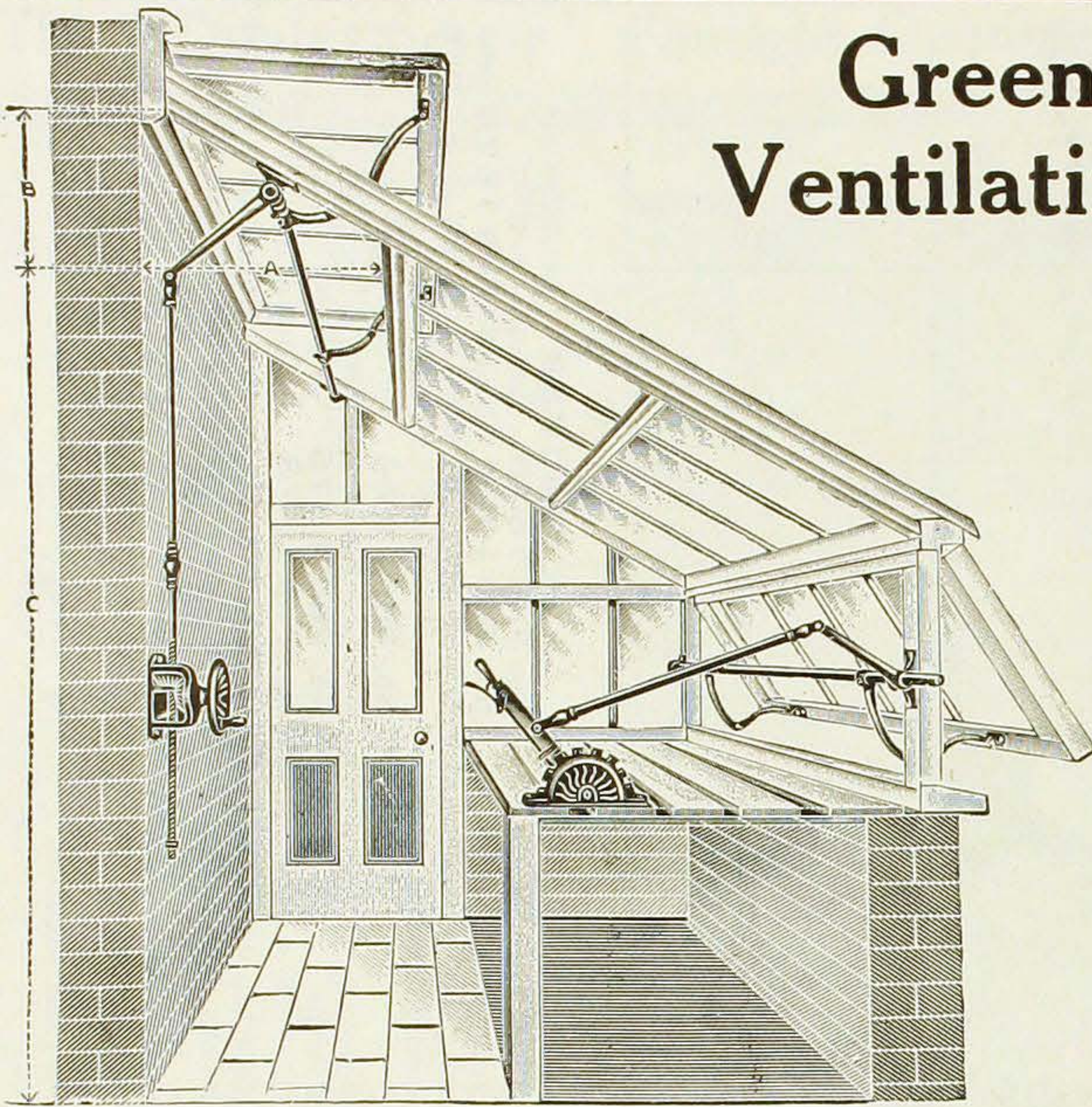
To open one or more Lights.

This Gearing is very simple and effective, easily fixed and suitable for Lights hinged top, bottom, or centres. The Lever Action may be fixed on the face of frame or against side, either hand.

The following particulars should be given with order or for estimate.

1. The number and height and width of Lights.
2. How Lights are hinged, at top, bottom, or on centres.
3. If Lights are in recess, depth must be stated.
4. Width of Mullions and Frame at sides.
5. Measurement over all Lights and Frames for horizontal bar.

Greenhouse Ventilating Gear

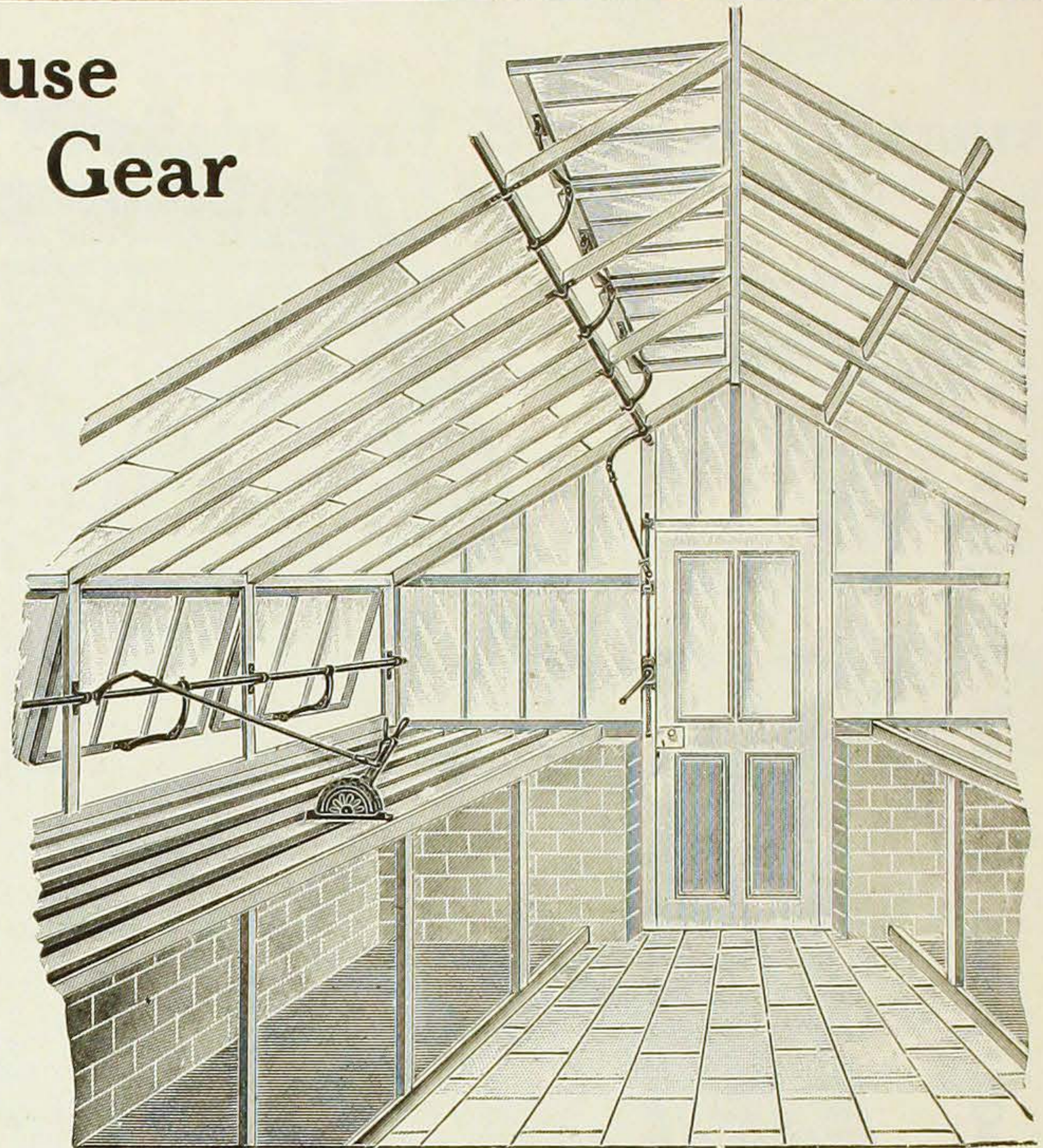


No. PHO 9216

The engraving represents Roof Lights worked by Bevel Wheel Gear, and Front or Bottom Lights worked by Spring Lever. The fittings are Common Cast Iron, and Bars of steam Tube.

Particulars required for quoting :

1. The number of Lights to be opened, and fixed ones (if any) between.
2. The depth and width of each light.
3. Overall length for Horizontal Bar.
4. Measurements at A, B, C. and D.
5. State width of stage for Bottom Lights.



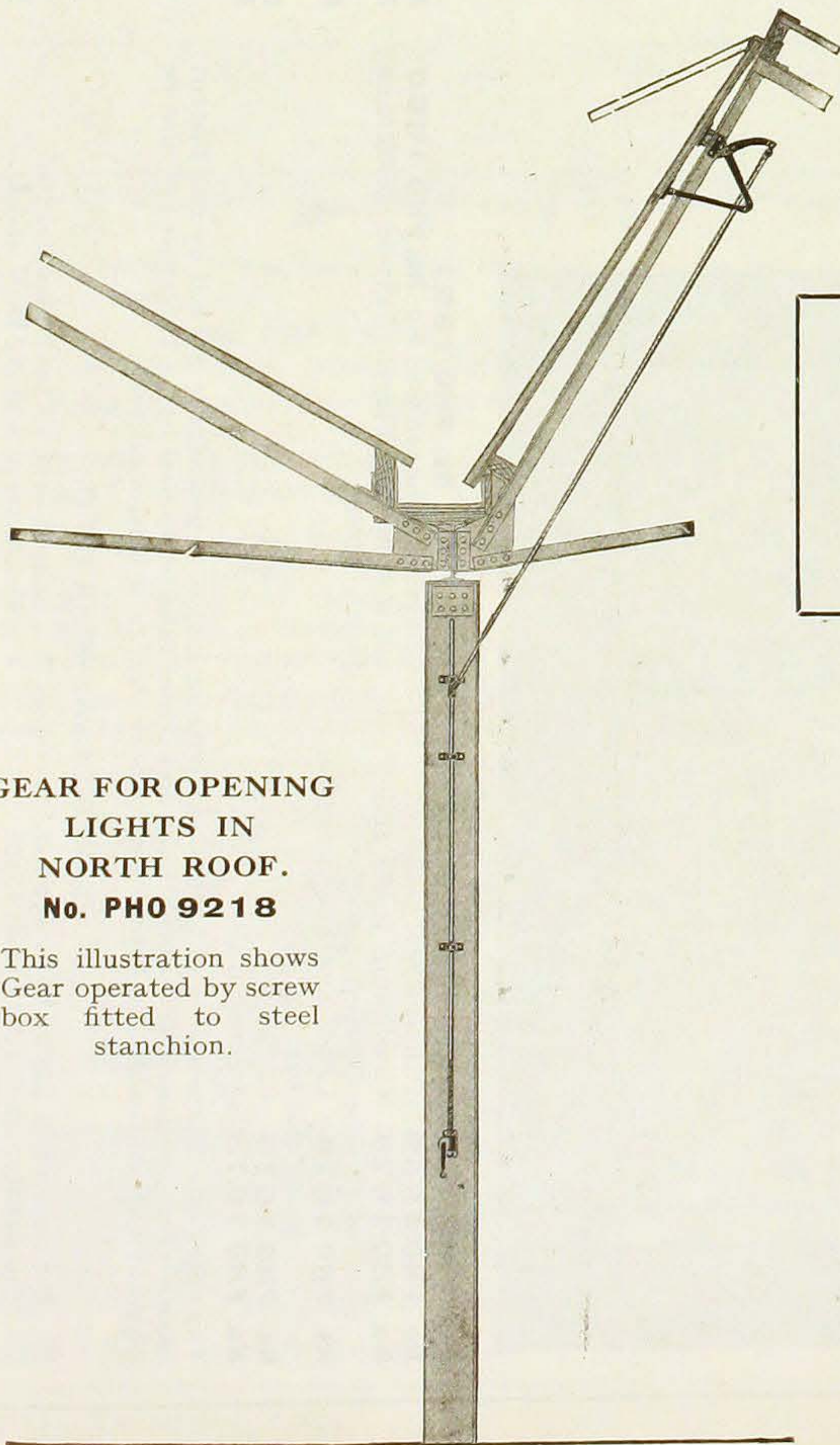
No. PHO 9215

The engraving represents Roof Lights of Greenhouse, worked by Screw Box and Rod Gear fixed on Door Post (or End Wall). It also shows the Bottom Lights worked by Spring Lever on Stage.

The fittings are in Common Cast Iron, not painted.

Particulars required for quoting :

1. The number of Lights to be opened at once, and fixed ones (if any) between.
2. The depth and width of each light.
3. Length over all the Lights and Frames for Horizontal Bar.
4. Distance from floor to bottom of Roof Lights.
5. Position of Door Post where screw Box is to be fixed.
6. State how much the Lights are recessed.
7. State width of stage for Bottom Lights.



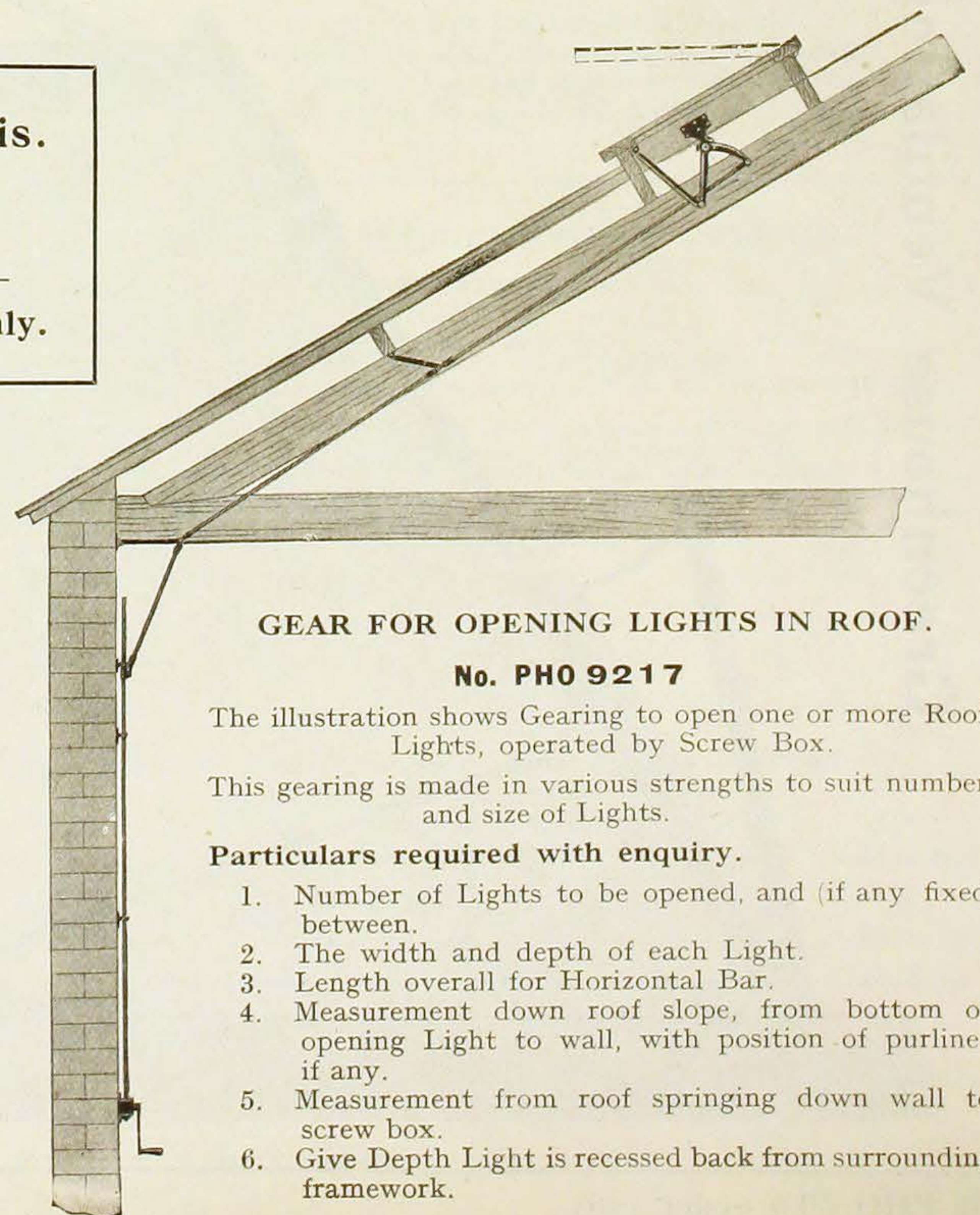
GEAR FOR OPENING LIGHTS IN NORTH ROOF.
No. PHO 9218

This illustration shows Gear operated by screw box fitted to steel stanchion.

"B" Basis.

All PHO—
To order only.

Prices
together
with
Drawing
submitted
upon
receipt
of
enquiry.



GEAR FOR OPENING LIGHTS IN ROOF.

No. PHO 9217

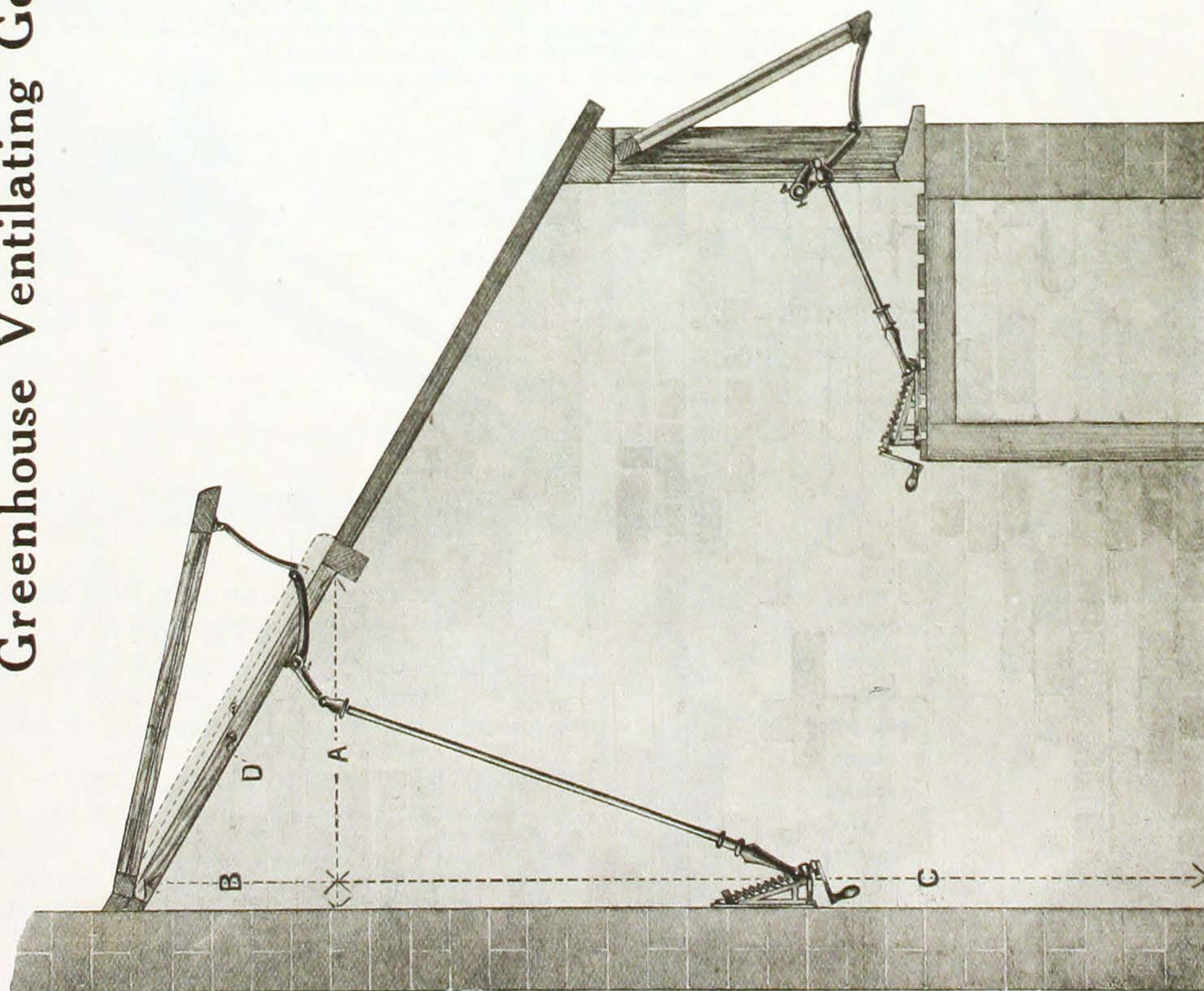
The illustration shows Gearing to open one or more Roof Lights, operated by Screw Box.

This gearing is made in various strengths to suit number and size of Lights.

Particulars required with enquiry.

1. Number of Lights to be opened, and (if any) fixed between.
2. The width and depth of each Light.
3. Length overall for Horizontal Bar.
4. Measurement down roof slope, from bottom of opening Light to wall, with position of purlines if any.
5. Measurement from roof springing down wall to screw box.
6. Give Depth Light is recessed back from surrounding framework.

Greenhouse Ventilating Gear for Roof and Front Lights



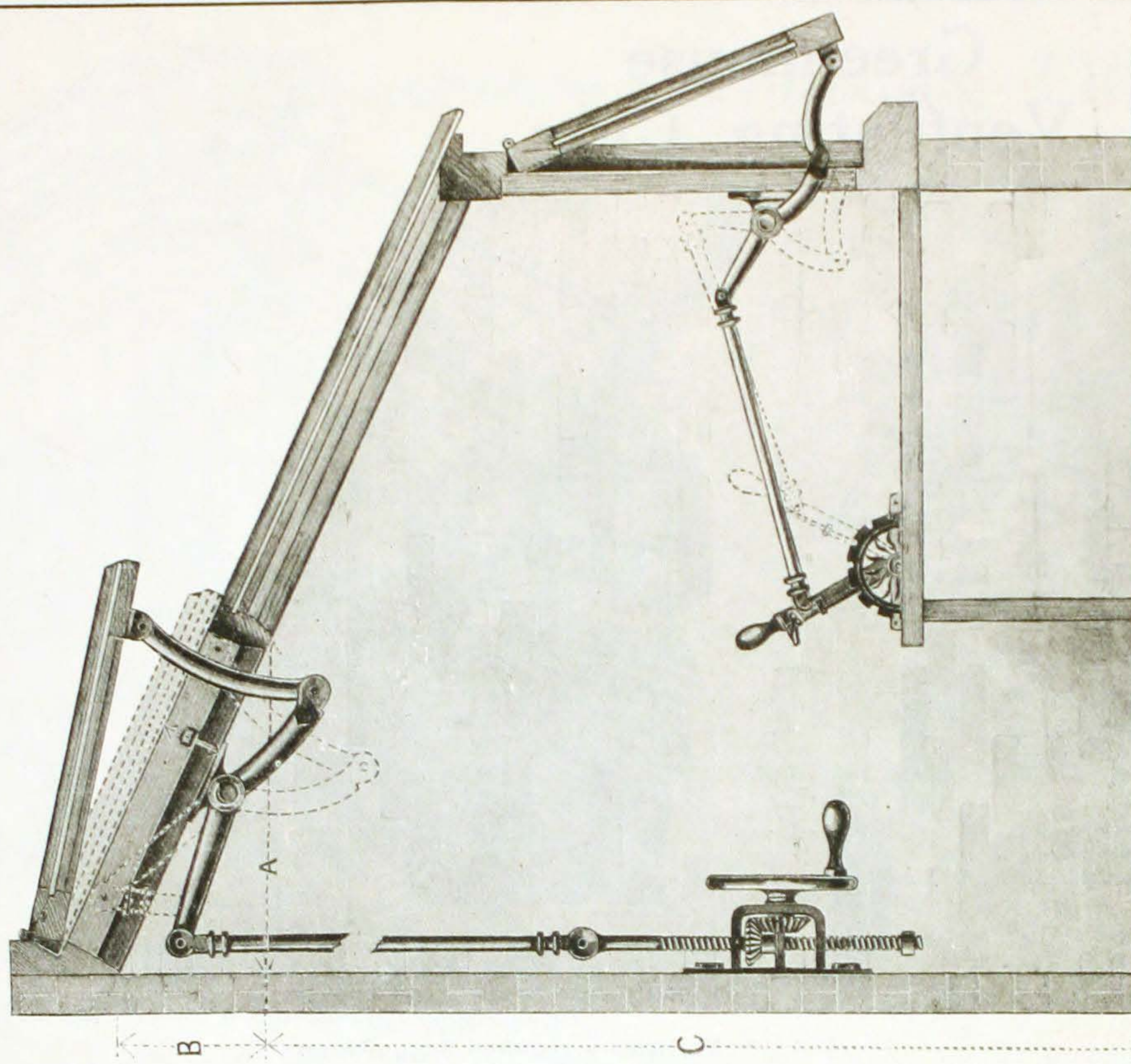
No. PHO 1660 comprising—
No. PHO 1669 Patent screw gear.
No. PHO 1678 Connecting Jaws, and $\frac{3}{8}$ " or $\frac{1}{2}$ " tube connecting rod.
No. PHO 1674 Lever, and $\frac{3}{4}$ " steam tube horizontal bar.
No. PHO 1675 Carriers.
No. PHO 1673 Jointed arms.

The engraving represents Roof Lights and Bottom Lights in greenhouse worked by our **Patent Screw Gear**, with common iron fittings and smooth steel tube horizontal bar. This Gear can also be supplied with malleable iron fittings and smooth steel tube horizontal bar.

PARTICULARS REQUIRED.

1. The number of Lights to be opened.
2. The **depth** and width of each Light.
3. Length over all for horizontal bar.
4. Measurements at **A, B, C and D.**
5. Width of stage for Bottom Lights.

See separate Prices for each Component Part on Page 222.



No. PHO 1658 comprises—
No. PHO 1672 Bevel Wheel Gear.
No. PHO 1678 Connecting jaws, and $\frac{3}{8}$ " or $\frac{1}{2}$ " tube connecting rod.
No. PHO 1674 Lever, and $\frac{3}{4}$ " steam tube horizontal bar.
No. PHO 1675 Carriers.
No. PHO 1673 Jointed Arms.

The engraving represents Roof Lights worked by wheel gear, and Front or Bottom Lights worked by spring lever. The fittings in **common cast-iron**, and bars of steam tube.

PARTICULARS REQUIRED.

1. The number of Lights to be opened, and fixed ones, if any, between.
2. The **depth** and width of each Light.
3. Length overall or horizontal bar.
4. Measurements at **A, B, C and D.**
5. Length of tube between levers for Bottom Lights.

No. PHO 1659 Comprises :—
No. PHO 1670 Spring Lever.
No. PHO 1679 and **No. PHO 1678** connecting jaws, and $\frac{3}{8}$ " or $\frac{1}{2}$ " tube connecting rod.
No. PHO 1674 Lever, and $\frac{3}{4}$ " steam Tube horizontal bar.
No. PHO 1675 Carriers.
No. PHO 1673 Jointed arms.

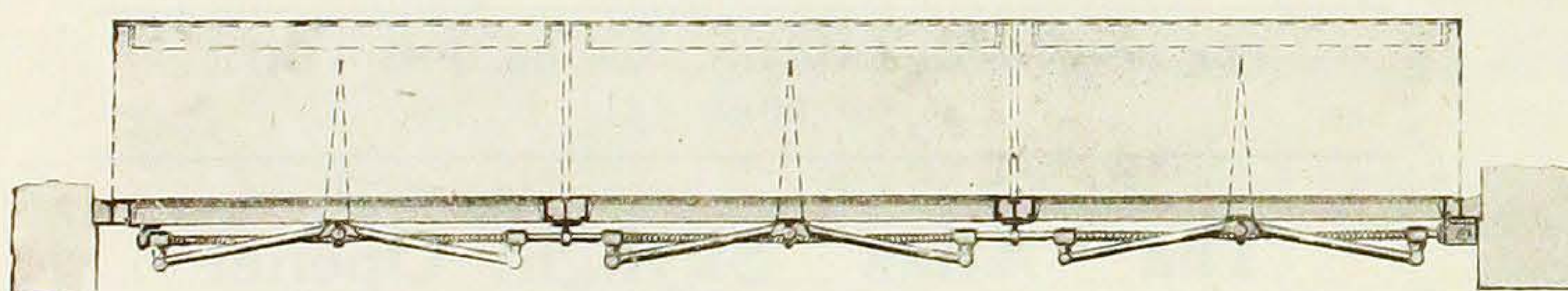
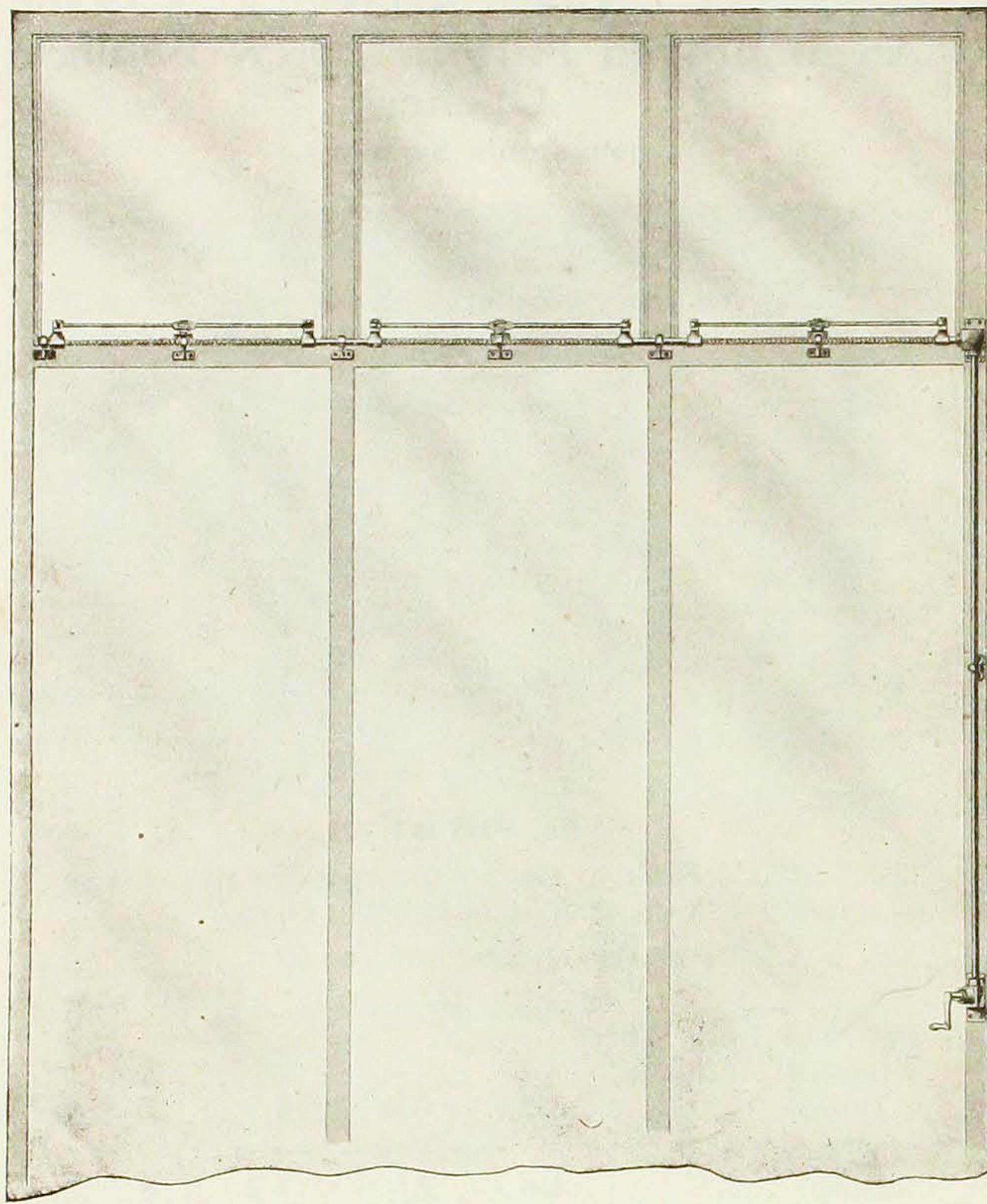
The engraving represents Roof Lights worked by wheel gear, and Front or Bottom Lights worked by spring lever. The fittings in **common cast-iron**, and bars of steam tube.

PARTICULARS REQUIRED.

1. The number of Lights to be opened, and fixed ones, if any, between.
2. The **depth** and width of each Light.
3. Length overall or horizontal bar.
4. Measurements at **A, B, C and D.**
5. Length of tube between levers for Bottom Lights.

See separate Prices for each Component Part on Page 222.

The "Duplex-Screw" Fanlight Openers



The above illustration shows Three Lights operated simultaneously by Twin Screw Opener, Rod Action.

No. PHO 1570 Rod Action.

With $\frac{1}{2}$ " diameter screw, Brass and Steel Vertical Rod up to 6' 0".

Price of Openers, for Single Lights, opening in.

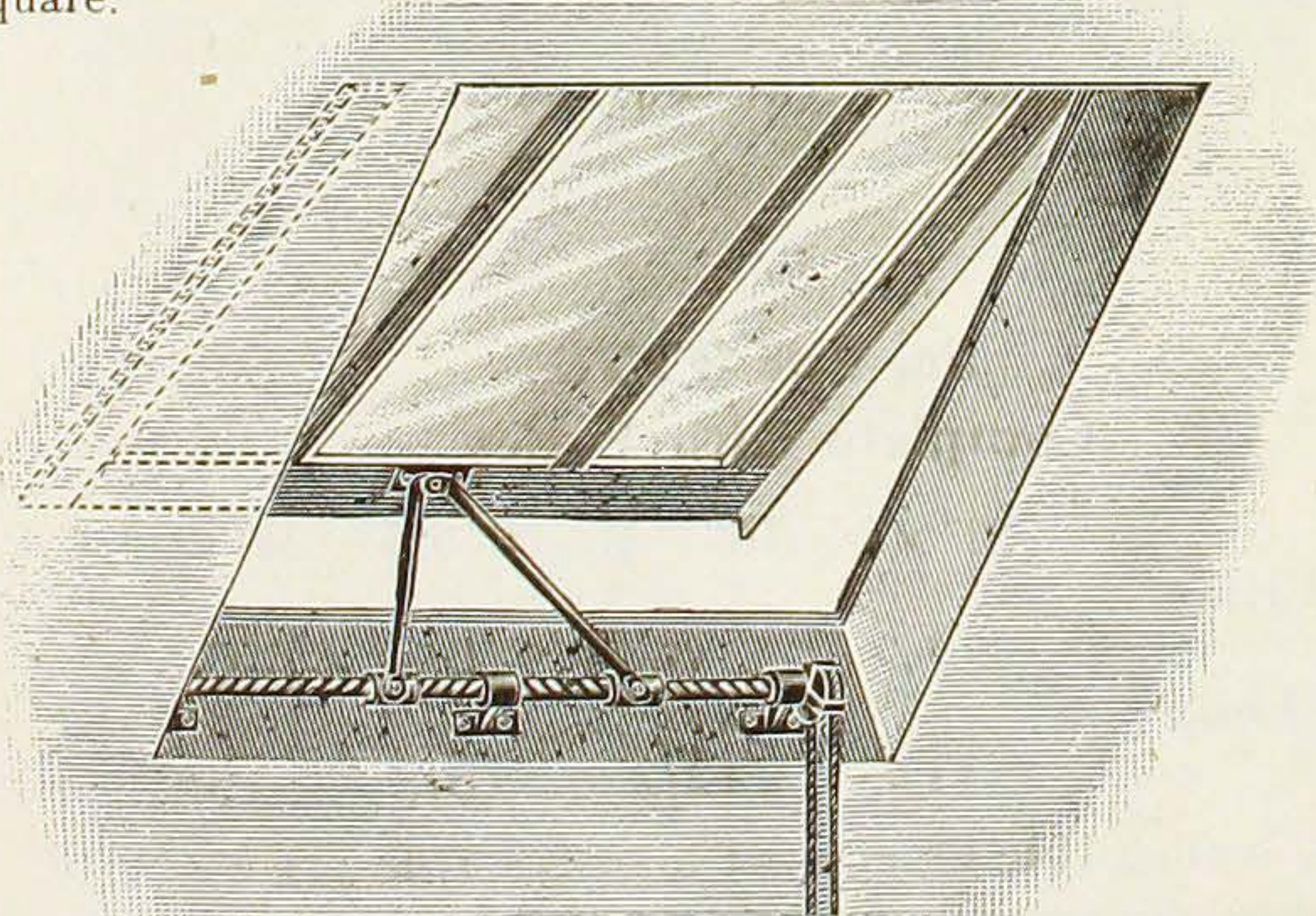
	Screw ...	15"	18"	24"
No. PHO 1570	With Iron fittings	45/-	47/3	49/6 each.
No. PHO 1571	With Brass fittings	51/6	56/-	60/3 "

Price of Openers, for Single Lights, opening out.

	Screw ...	15"	18"	24"
No. PHO 1572	With Iron fittings	46/-	48/3	50/6 each.
No. PHO 1573	With Brass fittings	53/9	58/-	62/6 "

For Steel Vertical Rod over 6', 8d. per foot extra.

We shall be pleased to quote for these to open 2, 3 or 4 Lights, also for Special Openers, for very heavy Lights, and for Openers for Lights larger than 2' 6" square.

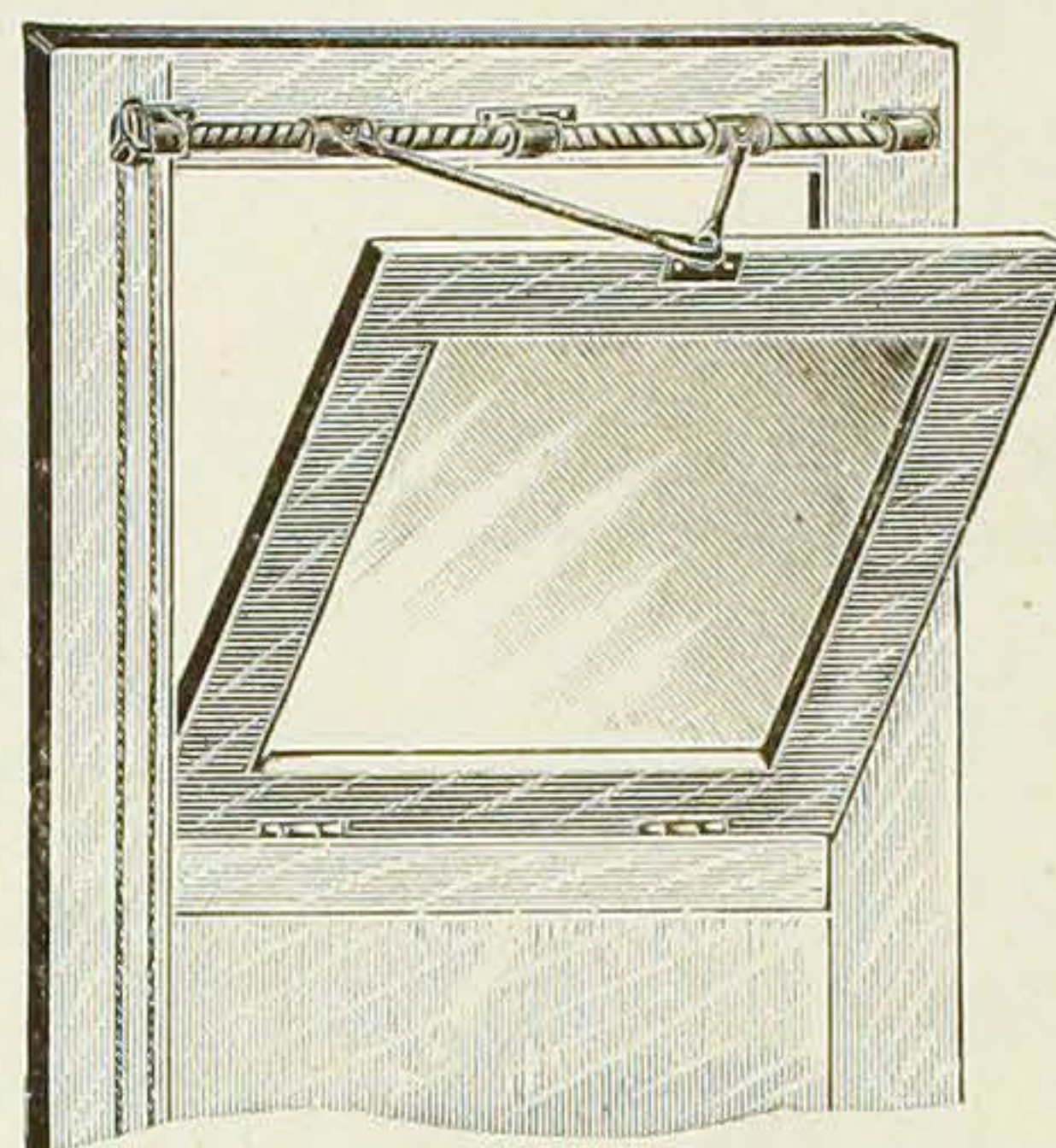


No. PHO 1560 Skylight Opener to work with Cord.

For
ENDLESS
CORDS, see
**No. PHS
1592**
on page 221

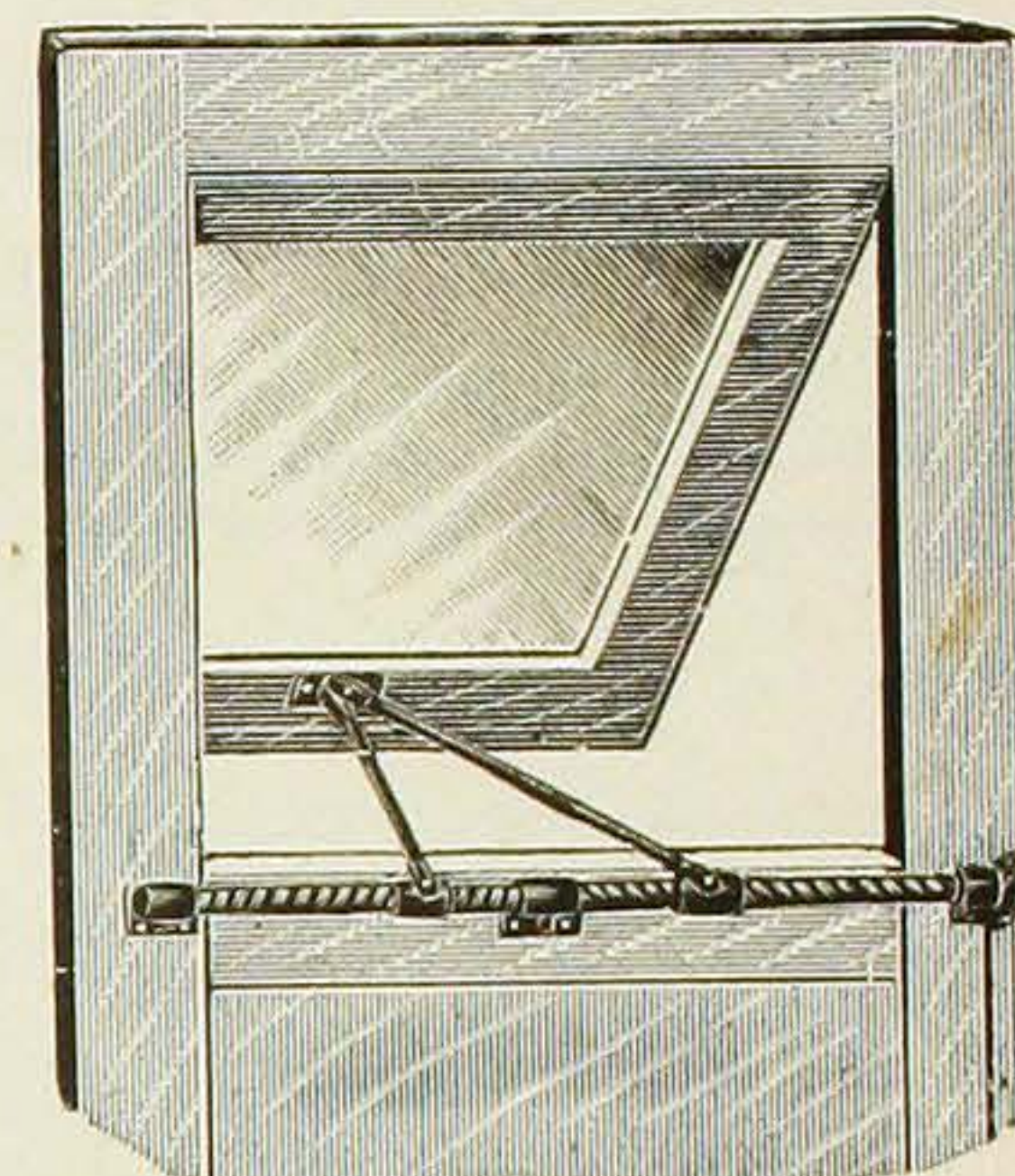
The "Forward" Fanlight and Skylight Openers

EACH OPENER IS MADE SPECIALLY TO SUIT INDIVIDUAL REQUIREMENTS.



No. PHO 1550

Fanlight Hinged at Bottom,
opening in.
Cord action.



No. PHO 1552

Fanlight Hinged at Top,
opening out.
Cord action.

These Openers can be made to suit one or more Lights.
Made with Brass screw, $\frac{1}{2}$ " diameter.

Prices for One Light.

	Screw ...	15"	18"	24"	30" long.
No. PHO 1550	For Lights, hung at bottom, opening in, with Iron fittings...	17/6	20/3	24/9	28/- each.
No. PHO 1551	Ditto, ditto, with Brass fittings ...	25/9	29/9	34/-	37/9 "
No. PHO 1552	For Lights hung at top, opening out, recessed up to 2", with Iron fittings ...	18/9	21/-	25/3	29/9 "
No. PHO 1553	Ditto, ditto, with Brass fittings ...	26/3	30/9	36/3	41/3 "

The 15" screw is suitable for Fanlights up to 27" wide and to open 5".
The 18" " " " " " 36" " " 7".
The 24" " " " " " 54" " " 9".
The 30" " " " " " requiring wider opening, 12".

Prices for Openers to open 2, 3 or 4 lights, upon request.
The operating end is extended to suit different widths of Fanlights to carry cord down side. If it is desired that the opener be extended at both ends the full width of Fanlight Frame, it should be stated, and will be charged accordingly.

PARTICULARS REQUIRED WHEN ORDERING:—**FANLIGHT OPENERS.**

1. State catalogue No. and size of Opener.
2. Width and height of Fanlight and how it is hinged.
3. Width of Fixed Frame, Round Fanlight, top, bottom and sides.
4. If Light is recessed back from Frame, state how much and if Frame is in reveal give particulars.
5. If to work with Rod give distance from bottom of opening Light to centre of Handle box, and state whether to operate from right or left hand side.
6. When more than one Light is to be opened at once, give width of Mullion between Opening Lights, or exact measurements, centre to centre, of Opening Lights.

SKYLIGHT OPENERS.

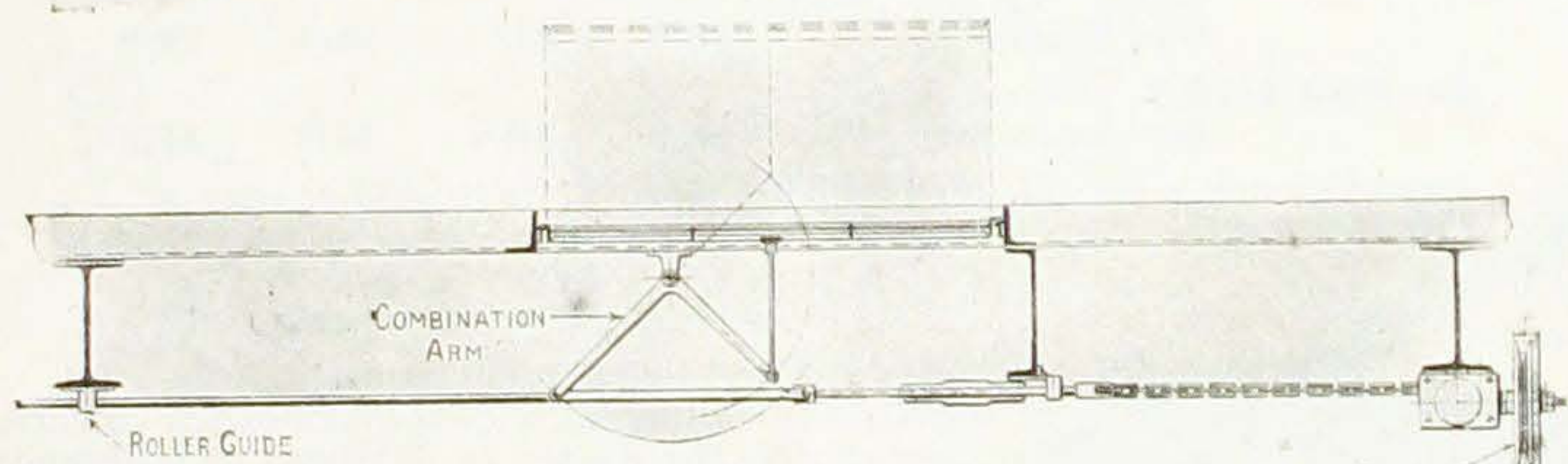
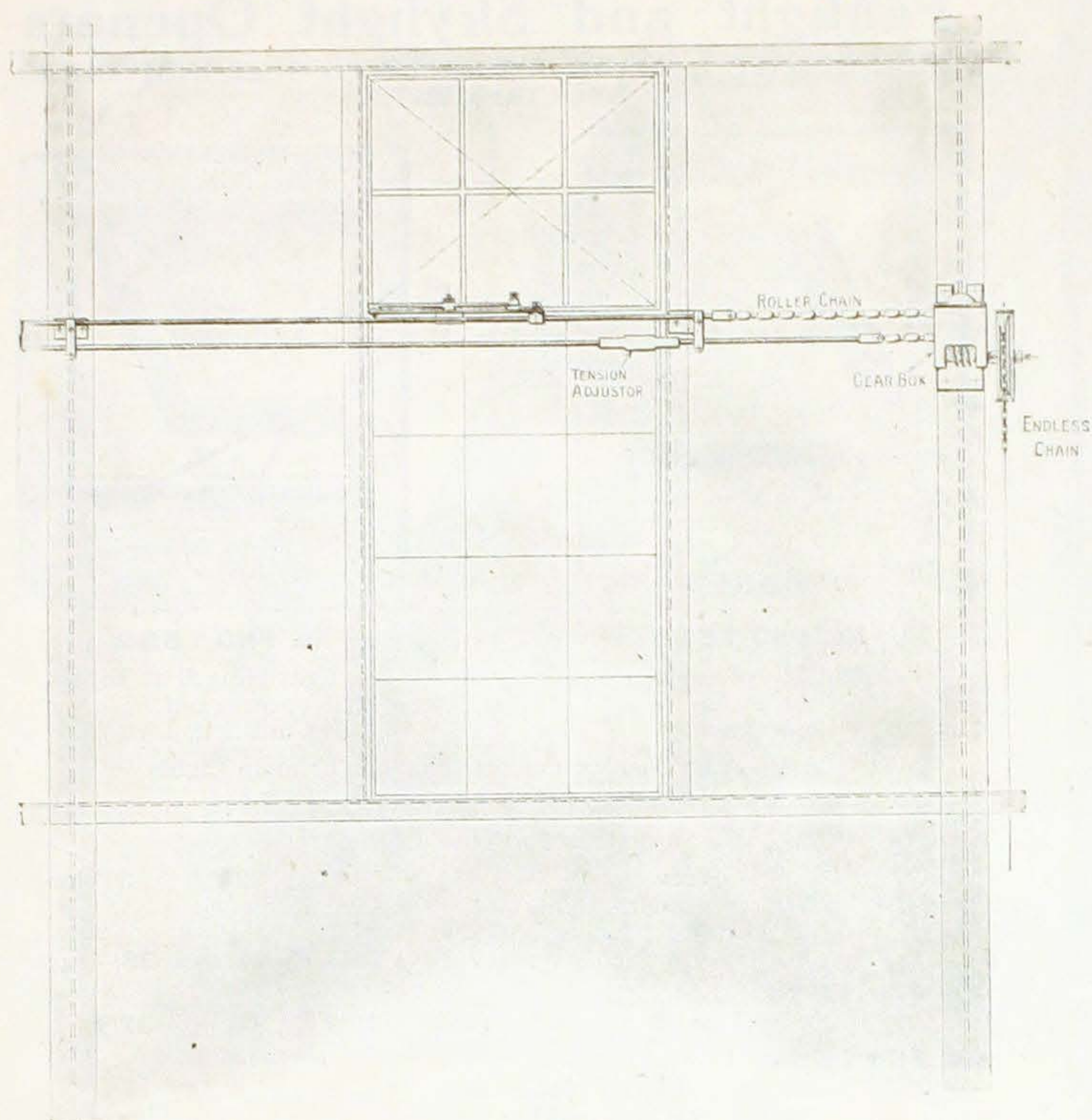
1. State width and height of Skylight.
2. Exact width between linings.
3. Depth of Recess.
4. Which side cord wheel is to be fixed.
5. If required with Iron Fittings or all Brass.

These Skylights Openers are made with brass screws, $\frac{5}{8}$ ", $\frac{3}{4}$ " or 1" diameter.
To suit different weights of Skylights.

	Screw	15"	18"	24"
No. PHO 1560	Brass Screws, $\frac{5}{8}$ " diam., with Iron Fittings ...	29/-	35/-	41/3 each.
No. PHO 1561	" " $\frac{3}{4}$ " " " " " ...	38/6	46/6	54/3 "
No. PHO 1562	" " 1" " " " " ...	63/-	70/-	81/6 "
No. PHO 1563	" " $\frac{5}{8}$ " " with Brass Fittings	40/6	49/6	54/3 "
No. PHO 1564	" " $\frac{3}{4}$ " " " " " "	54/3	63/-	70/- "
No. PHO 1565	" " 1" " " " " "	86/-	93/-	106/9 "

To work with Cord.

Tension Rod Gearing



No. PHO 9219

Illustration showing Tension Rod Gear operated by Chain Action.

This type of Gear is suitable for operating long ranges of Top, or Centre-hung Lights.

Upon receipt of full particulars, prices and drawing will be submitted to suit all requirements.



No. PHS 1609 To work with Cord.

No. PHS 1608 To work with Sash Hook.

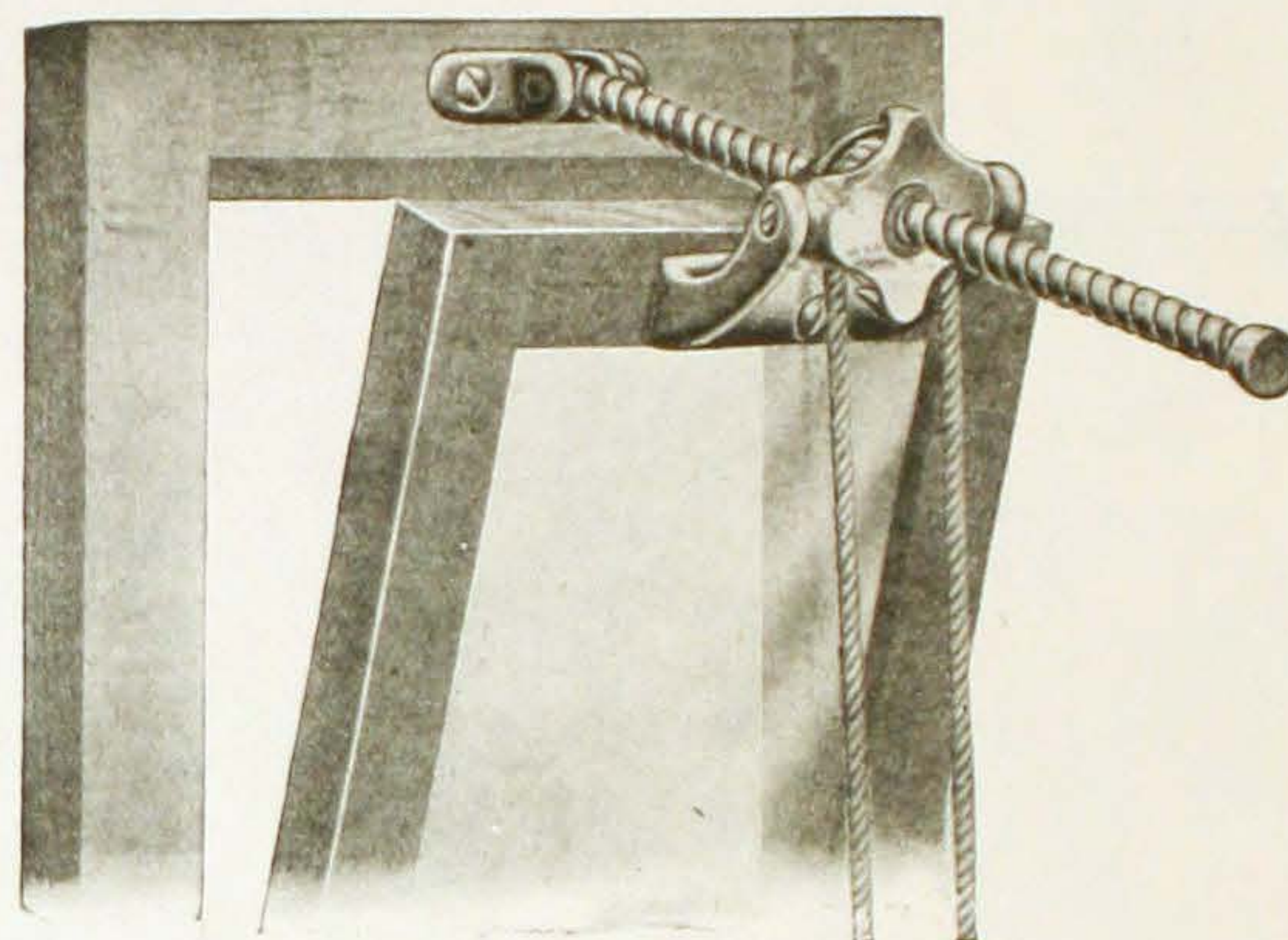
For opening, closing and fastening windows.

These Quadrants are made of various radii to suit all sizes of sashes.

		No. PHS 1609		No. PHS 1608
Quadrant.		For Cord.		For Stick.
*9"	6" to 10" high	...	21/- dozen.	15/9 dozen.
*12"	12" to 16" high	...	22/9 "	17/6 "
*14"	16" to 20" high	...	24/6 "	20/3 "
*16"	18" to 30" high	...	28/- "	23/9 "
*18"	33" to 40" high	...	42/- "	35/- "
*25"	42" or larger	...	52/6 "	43/9 "

The radius is indicated by the measurement of the Sash from top or bottom to hinge or pivot and this should be given when ordering; also state how lights are hung.

The "Atlas" An Improved Pattern Screw Fanlight Opener (Preston's System.)



No. PHS 9175

The "Atlas" Fanlight Opener incorporates all the desirable qualities of a Preston's System Fanlight Opener.

It is strong, neat and compact.

12" x 3/8" 15" x 3/8" 18" x 1/2" 21" x 1/2"

Iron, with Brass Wheel,
finished Antique

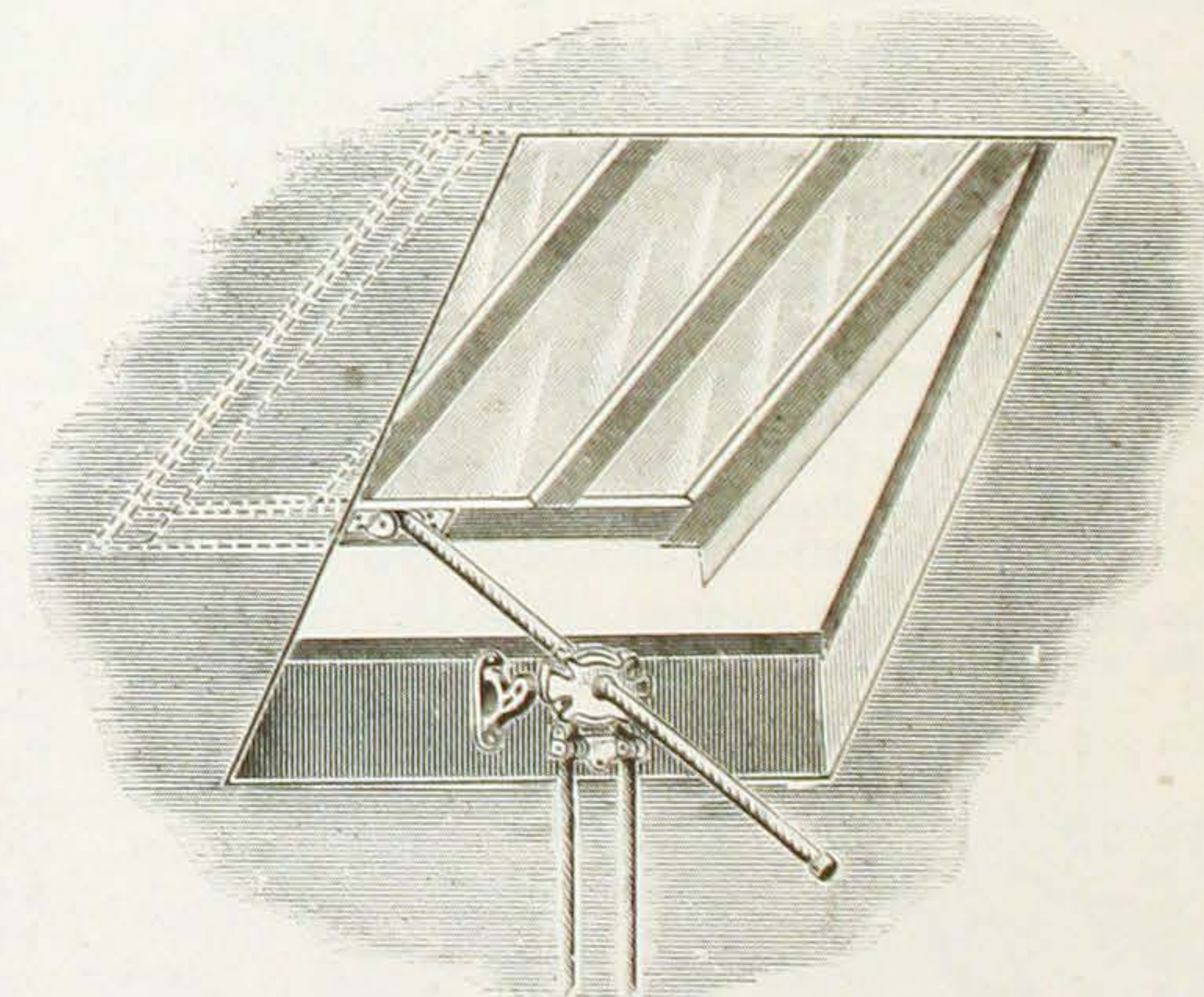
Bronze ... 3/2 3/6 4/9 5/3 set.

All Brass, Dead

finish ... 4/6 5/- 7/2 8/- "

For ENDLESS CORDS, see **No. PHS 1592**
on page 221.

The "Atlas" Skylight Opener (Preston's System.)



No. PHS 9176

Complete with Pulley.

12" x 3/8" 15" x 3/8" 18" x 1/2" 21" x 1/2"

Iron, with Brass
wheel ...

7/2 7/8 10/- 10/6 set.

All Brass, Dead

finish ... 11/8 12/2 15/3 15/9 "

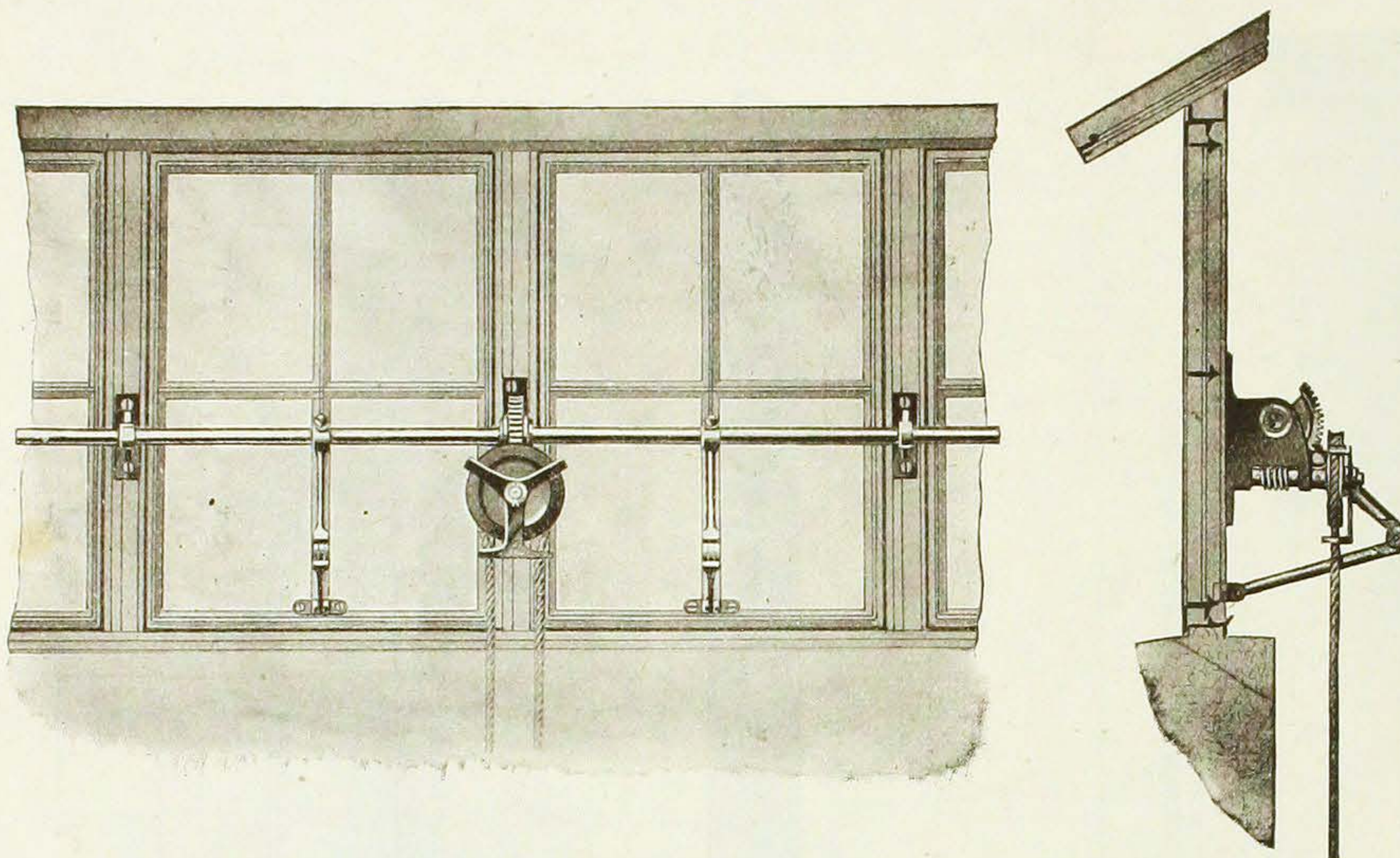
A serviceable Opener at a reasonable price.

"B" Basis.

PHS—Stock Lines; PHO—To order only.

The "Buckingham" Opener

For Lanterns, Lights in Lanterns, etc. To work with Cord.



No. PHO 1644

When ordering the following information should be given :—

1. The number of Opening Lights per set.
2. The height and width of Light and how hung.
3. The width of mullions and frame at ends and overall length for horizontal bar.
4. If Lights are recessed and how much.
5. When Horizontal Bar is to fix along curb, details should be given to show what fixing there is.
6. When Pulleys are wanted to carry cord along roof, slope or ceiling, details are essential in order that suitable Pulleys can be supplied.
7. Length of Cord or Chain.

The "Buckingham" Opener is suitable for Lights hung at top or on centres and has proved extremely satisfactory in use. It is made in several sizes in order to suit varying requirements. The larger sizes, for operating long ranges of lights, are worked by bright Steel Pitched Chain instead of Cord.

This Gear is particularly recommended where there are difficulties in the way of working by rod action, and when used a thoroughly reliable job.

The Action may be fixed at the end, instead of the middle of the lights, if more convenient.

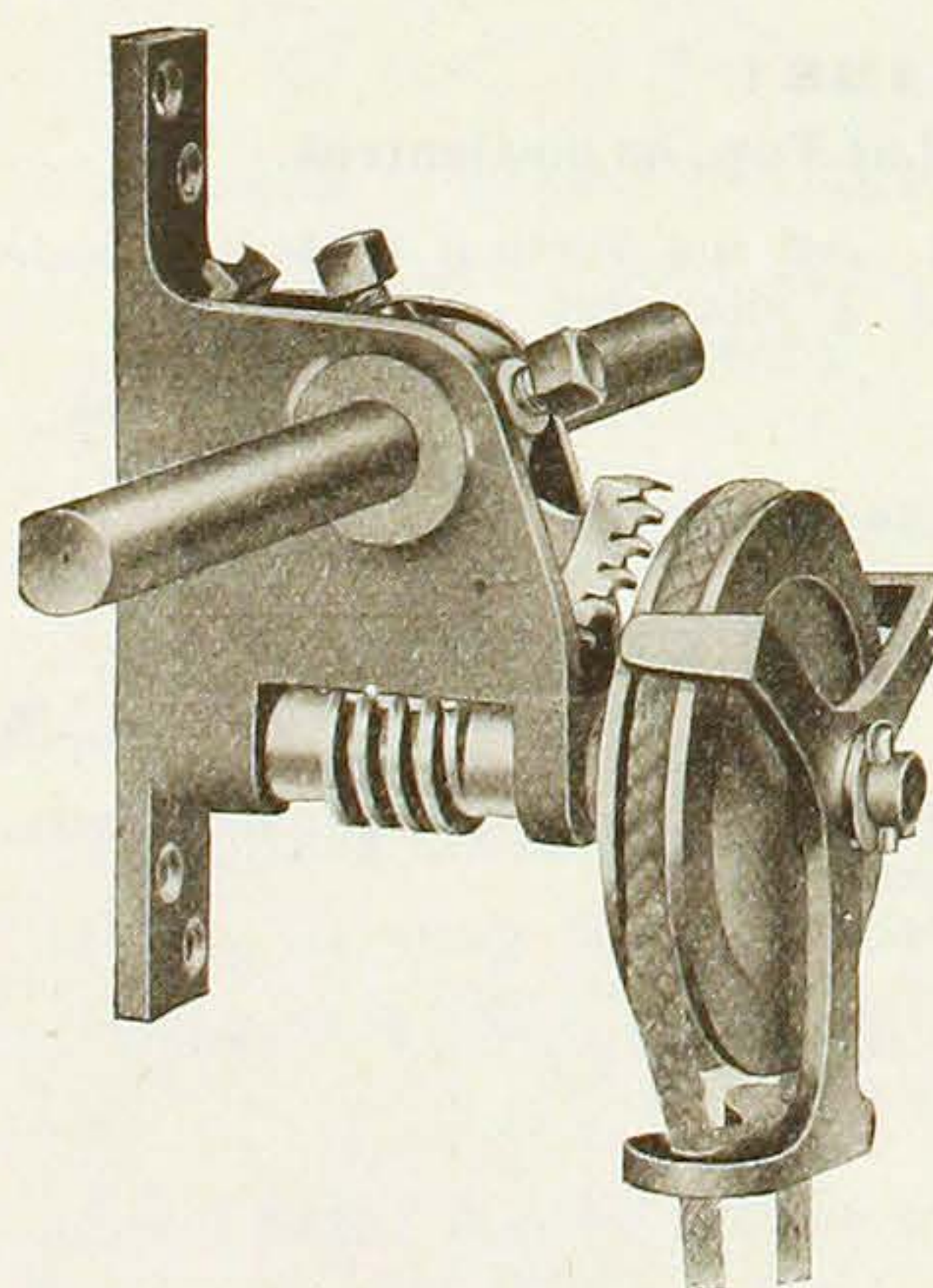
These Openers are made of Malleable Iron with Gun Metal working parts and are supplied complete with cord.

The Prices given below are calculating one Arm and 3' horizontal Bar to each Light with 12' of Cord per set.

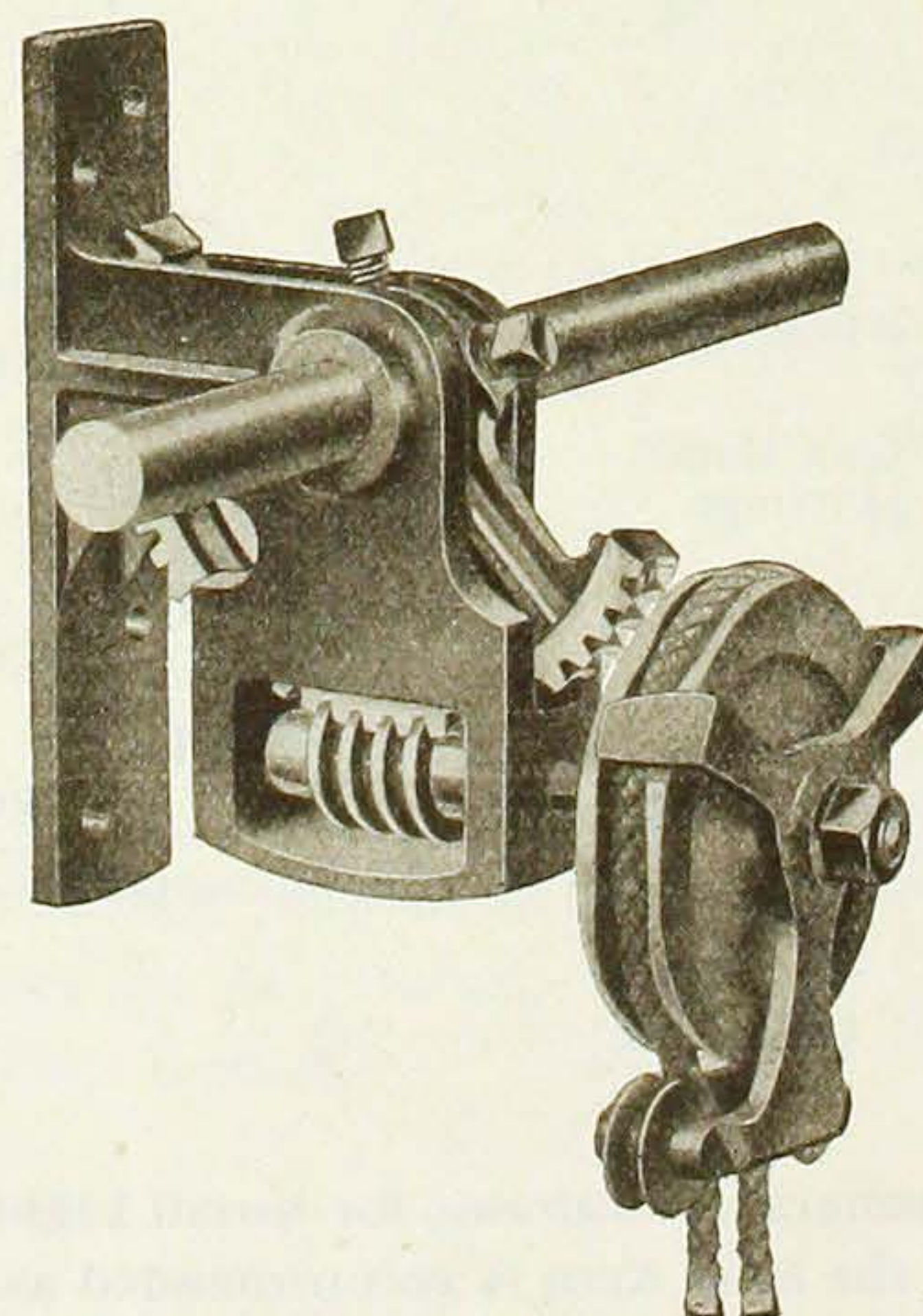
If Lights are more than 3' wide two Arms should be used.

This Opener is not recommended for Lights opening inwards.

For ENDLESS CORDS,
see No. PHS 1592 on
Page 221.



Small Action.

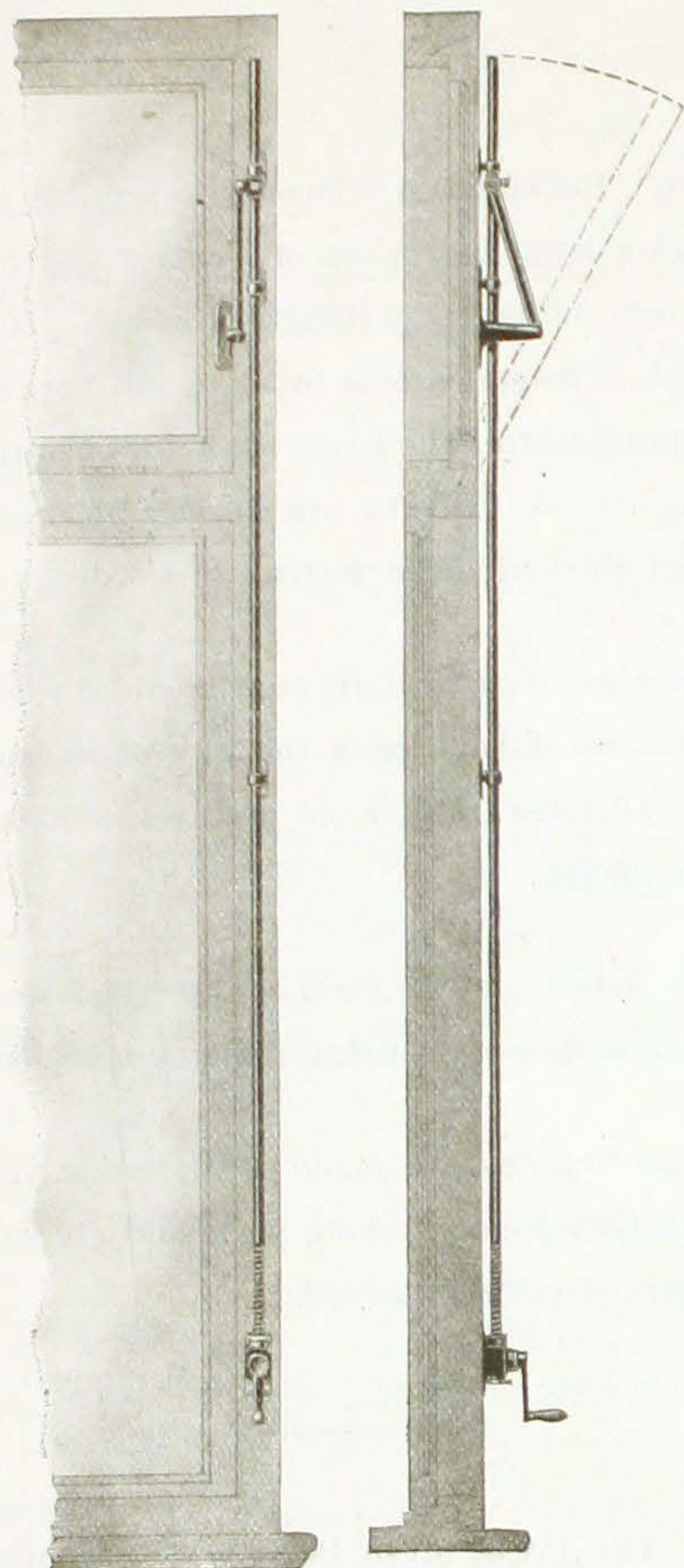


Medium Action.

No. PHO 1644

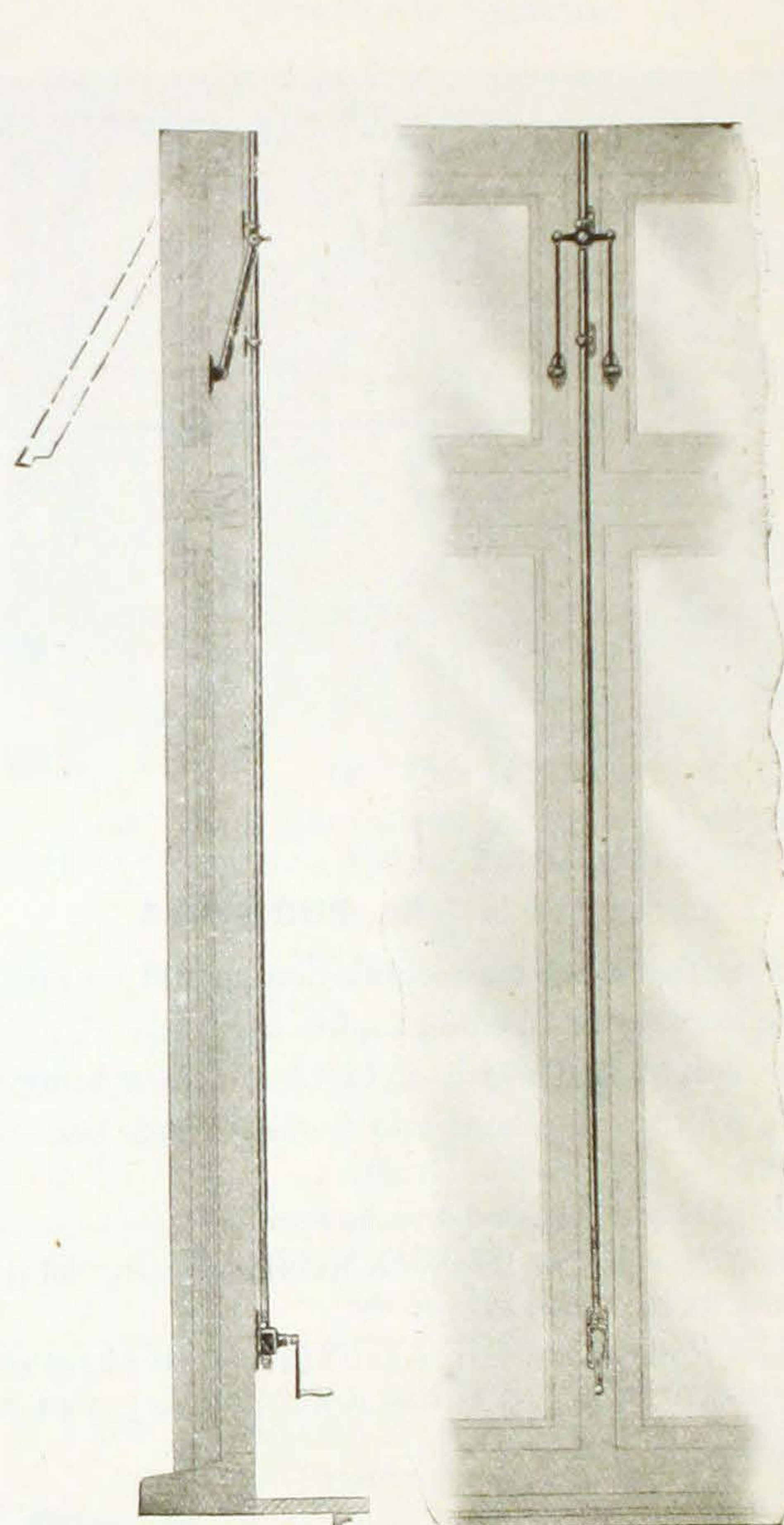
Steel Bar, Malleable Iron fittings, Gun-metal working centre.	...	...	One Light.	Two Lights.	Three Lights.	Four Lights.
Extra Arms.	...	...	57/-	66/9	76/9	86/9 set.
Horizontal Bar	...	...	5/6 each.			
Double Pulley, with Brass Wheels, either swivel, inner or outer angle.	...	...	11d. per foot, extra.			
Cord (12 feet included in price)	...	...	5/6 each extra.			
	...	...	8d. per foot, extra.	Other prices on page 221.		

The Patent "Windsor" Fanlight Openers



STAY ARM.
No. PHO 1652

For use on
Wide Lights.



No. PHO 1648

For Fanlights Hinged at Bottom, opening in.

Prices with Iron and Polished Gun-Metal fittings. All the Vertical Rods are made of smooth steel, $\frac{1}{2}$ " diameter.

	Iron Fittings.	Gun Metal Fittings.
No. PHO 1648 For One Light, opening inwards, Hinged at bottom	23/6	33/- each.
No. PHO 1650 For One Light, opening outwards, Hinged at top or on Pivots	23/6	33/- ..
Above are priced with 6' Steel Vertical Rods; if longer, 8d. per foot extra is charged.		
No. PHO 1652 Stay Arm with Spring, to be used at side of Heavy or Wide Lights, opening inwards	9/6	14/9 each.

No. PHO 1651

For Fanlights Hinged at Top, or on Centres.

Prices with Iron and Gun-Metal fittings. All the Vertical Rods are made of Blue Reeled Steel, $\frac{1}{2}$ " diameter.

	Iron Fittings.	Gun-Metal Fittings.
No. PHO 1649 For Two Lights, opening inwards, hinged at bottom	29/9	41/3 each.
No. PHO 1651 For Two Lights, opening outwards, hinged at top or on Pivots	29/9	41/3 ..
Above are priced with 6' Steel Vertical Rods; if longer, 8d. per foot extra is charged.		

These Openers are suitable for Small Lights.

When the Light is wide the Stay Arm is recommended as a valuable support.

When ordering, the following particulars should be given.

1. The height and width of each Fanlight.
2. State how light is hinged—at top, or bottom, or on centres.
3. Width of frame at sides of Fanlight, and also at the place where the screw box is to be fixed.
4. Distance from bottom of light to floor.
5. In case of two lights give exact width of mullion between.
6. If light is recessed back from frame, state how much.
7. If light is over a window, and the whole is in a reveal, state depth of same and distance from sill to floor.

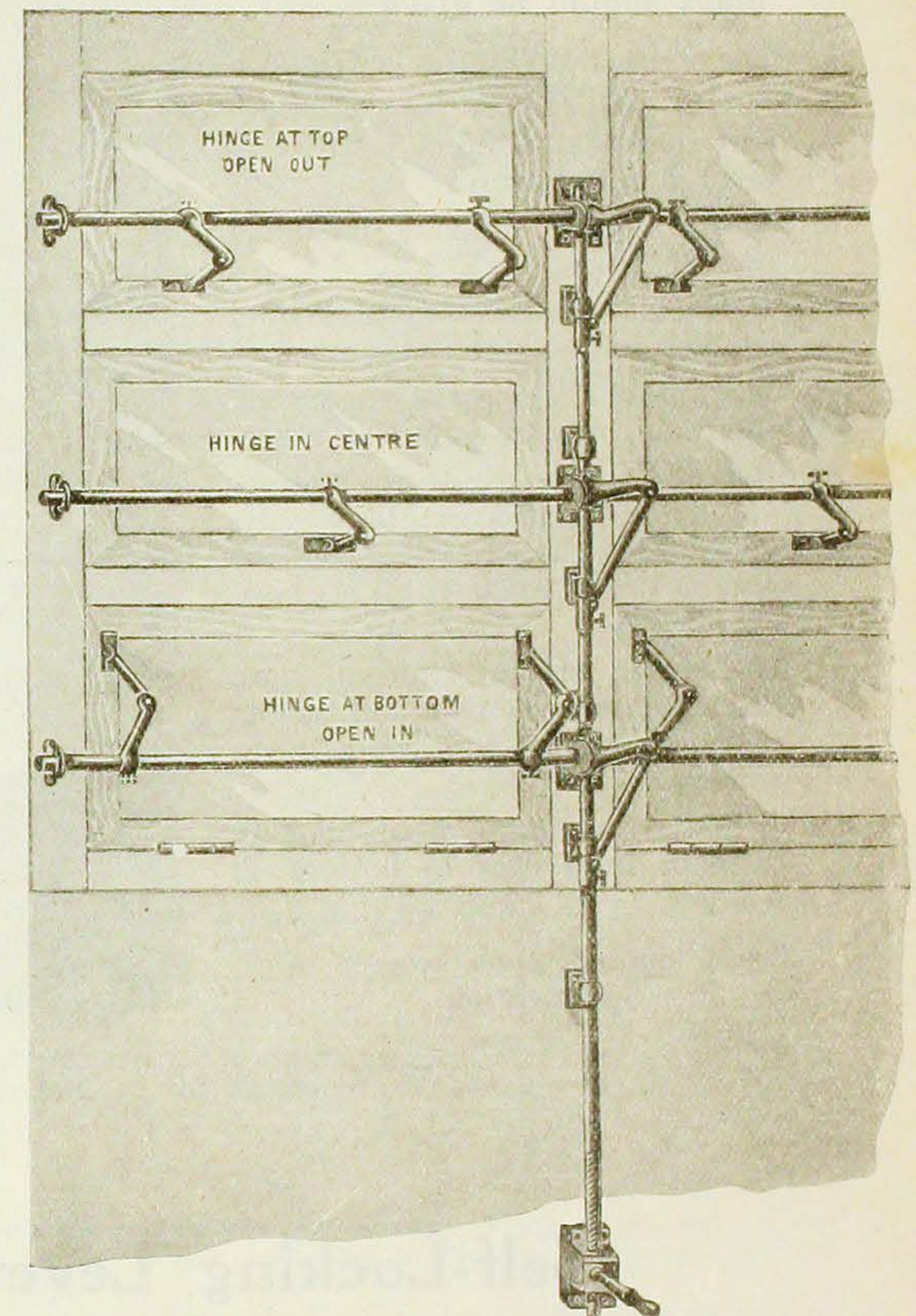
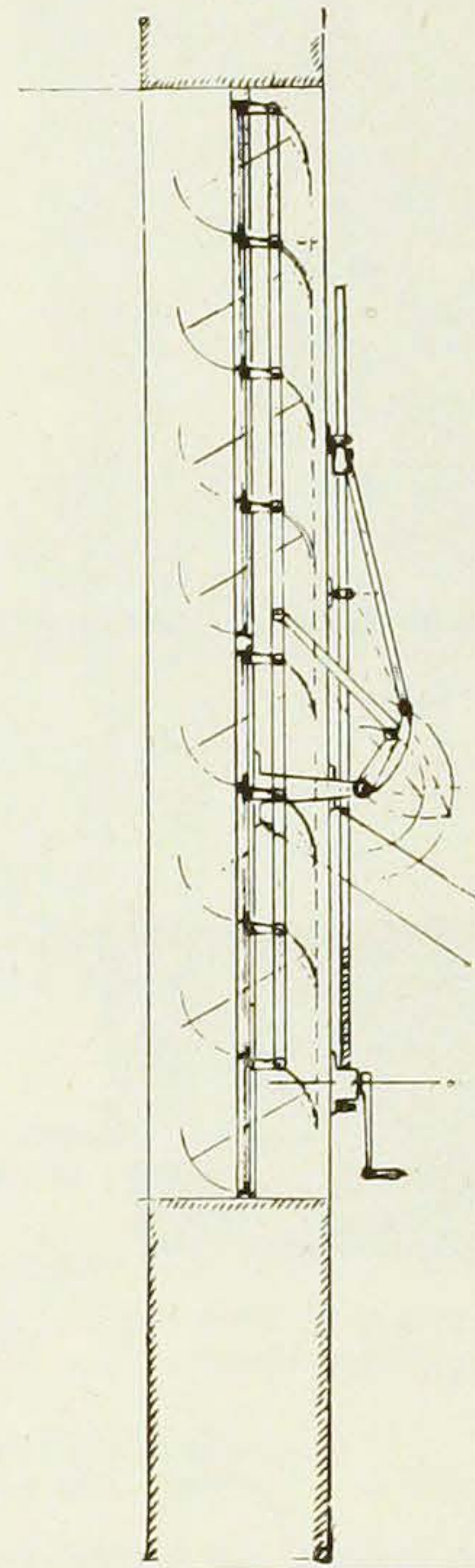
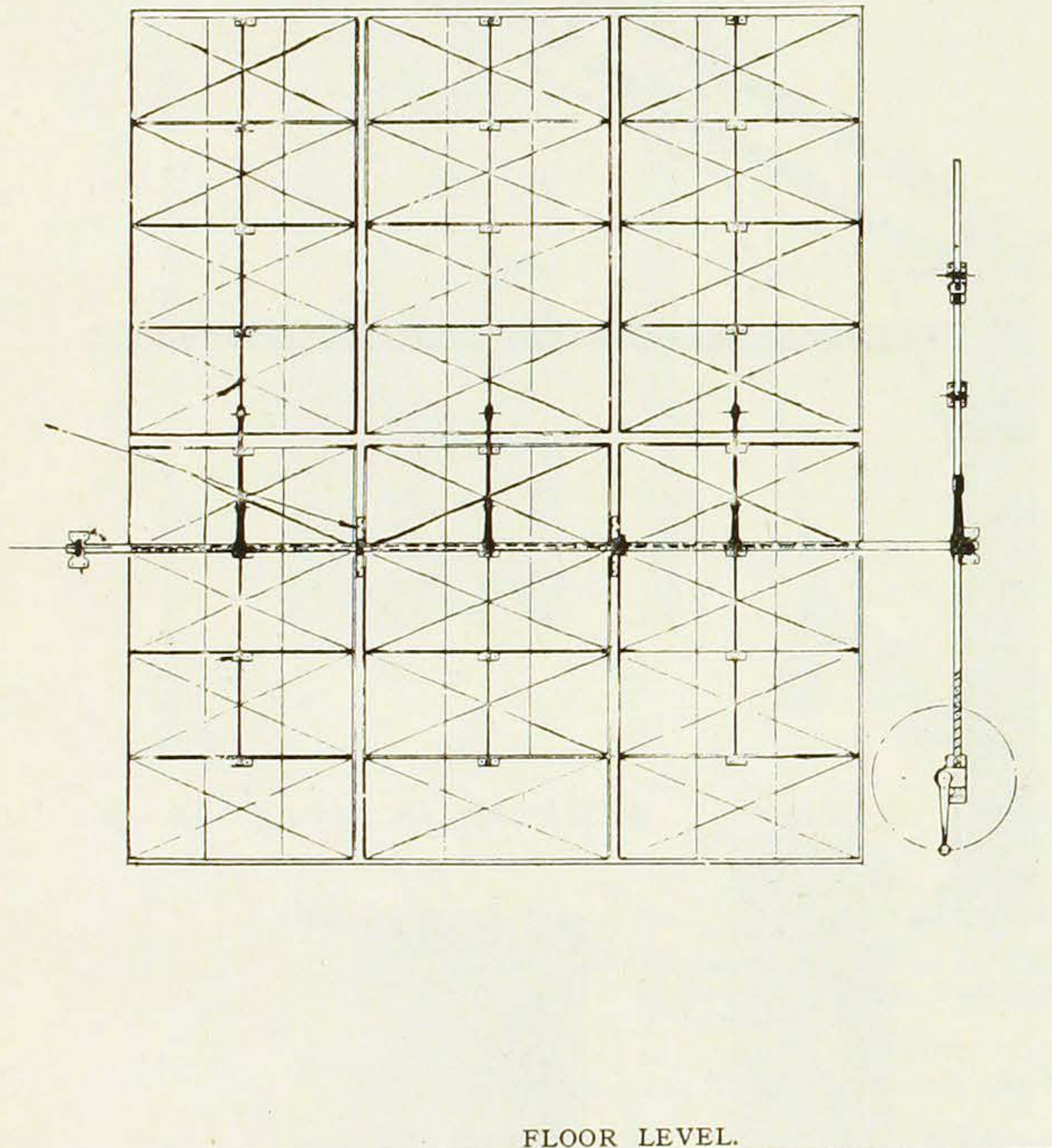
The "Shoreham" Opening Gear

FOR ROWS OF LIGHTS

In vertical position, one row above another.

Opening Gear

Fixing Instructions.



No. PHO 1643

Facsimile of Fixing Instructions (reduced size), showing One Set of Gear operating twenty-four Pivot hung lights. One of a large order recently executed for South Africa.

Instructions for Fixing, with all necessary measurements clearly stated, are sent out with every order.

For Steel Windows.—When desired, drilling details are sent on, so that this work may be carried out before the windows are despatched, and thus save a considerable amount of labour when Gear is fixed.

Good fixing insures satisfactory working of Gear.

The Best of Gearing will not be satisfactory unless properly fixed.

The engraving represents three rows of Lights, one above another, all opened simultaneously. Any number of Lights may thus be opened.

PARTICULARS TO BE GIVEN WITH ORDER.

1. The number of Lights to be opened both horizontally (side by side) and vertically (one above another).
2. How hung—at bottom, top, or on pivots.
3. Height and width of each Light.
4. Width of frame at each side, and of mullions running down between.
5. Width of transome underneath each Light.
6. Width across all the Lights, including frame, for horizontal bars.
7. If Lights are recessed back from frame, state how much.
8. If the entire window-frame is recessed back from wall, state how much, and state distance from sill to floor.
9. Distance from bottom of topmost Light to bottom of lowest Light, and from thence to the floor.

This opening gear is admirably suitable for ranges of lights.

For Rows of Lights,
No. PHO 1643

For Ranges of Lights,
No. PHO 1647

Estimates will be given on receipt of specification.

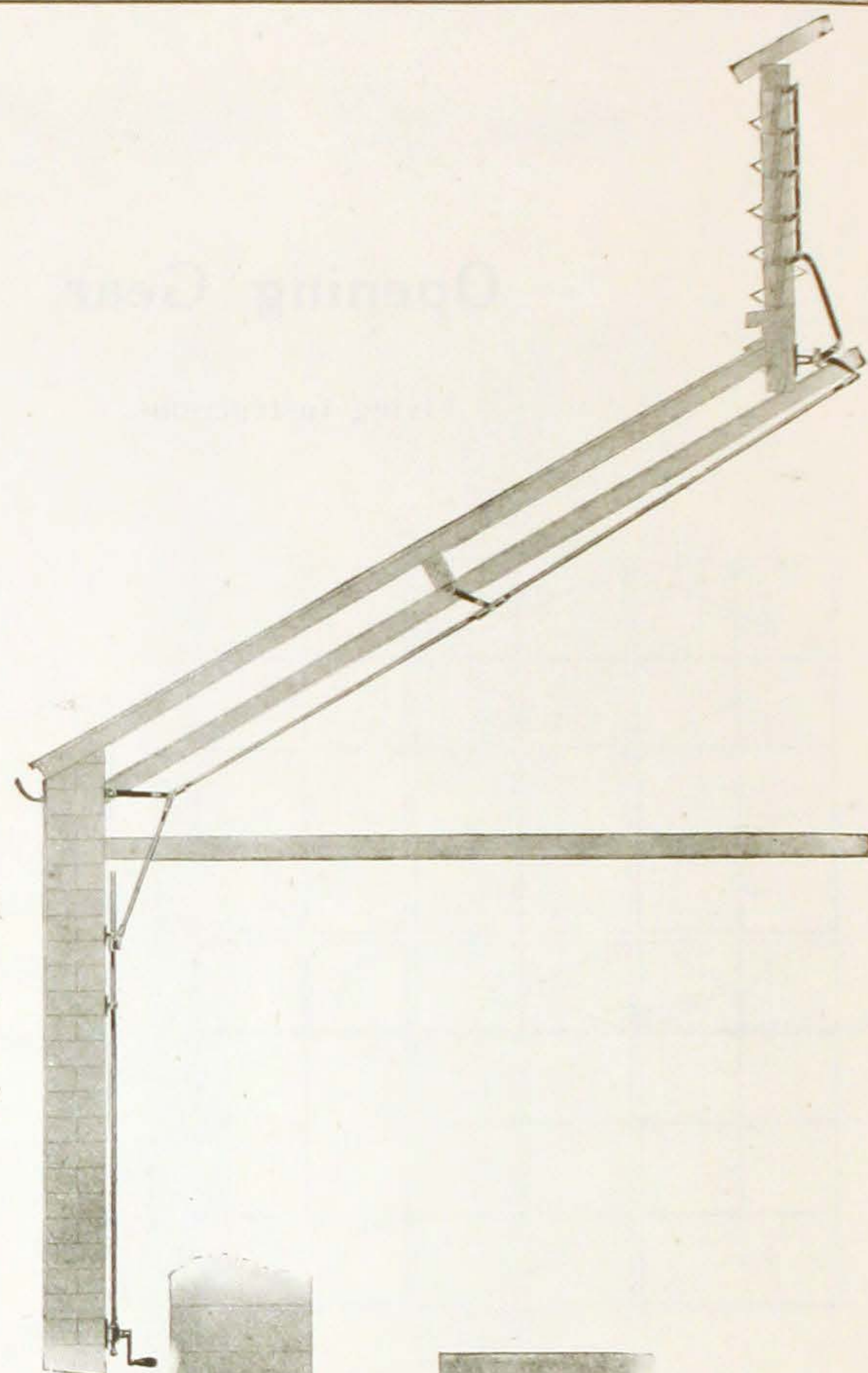
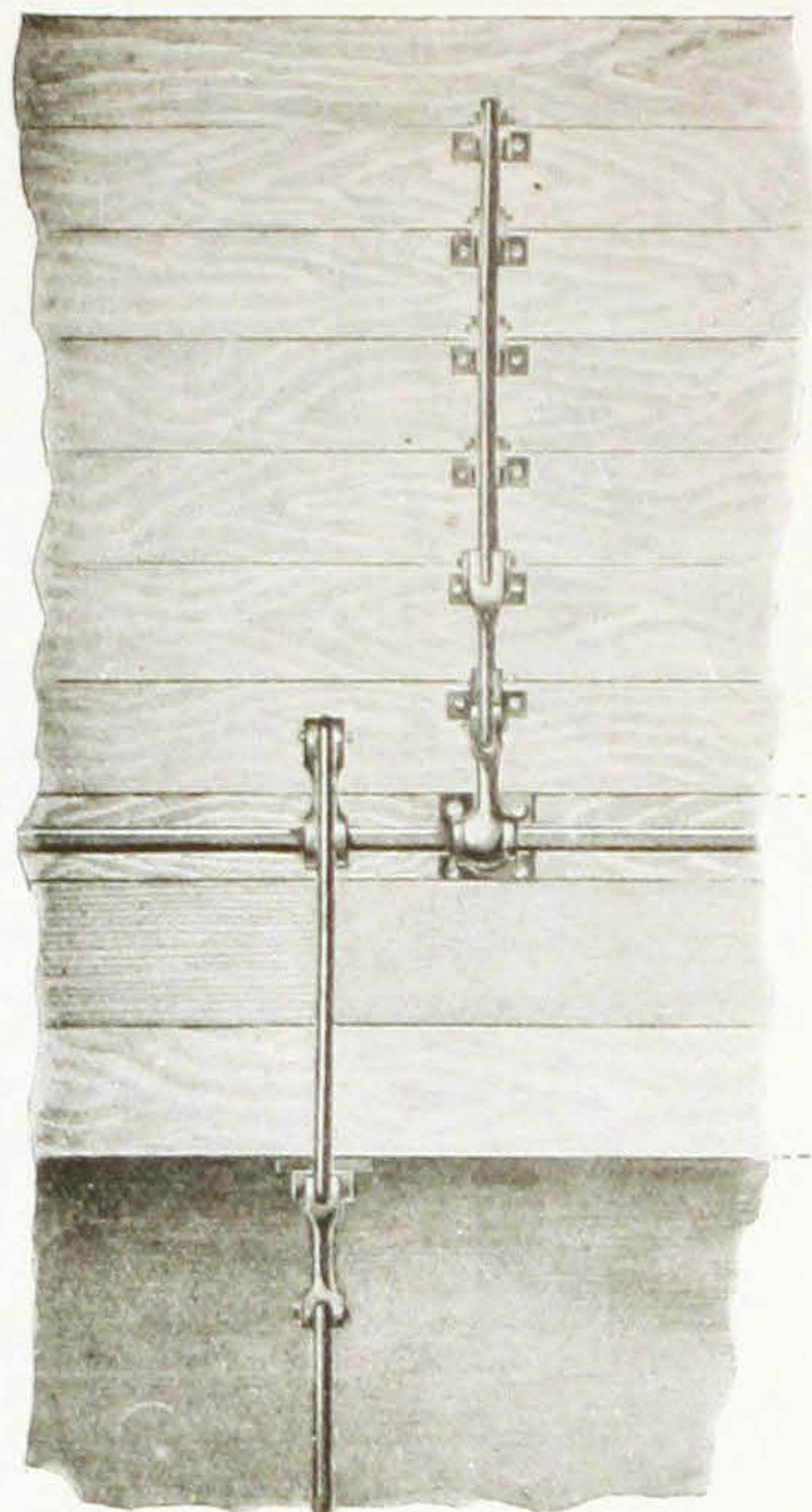
Gearing to Open Louvres

No. PHO 1559

When ordering, or asking for Quotations, the following particulars should be given:—

1. The number of Louvres in Window.
2. Size of each Louvre (length, width and thickness), and if rebated or pivoted out of centre.
3. Width across window, including frame.
4. If Louvres are recessed back from window frame, state how much.
5. If window frame is recessed back from face of wall, state how much.
6. If more than one window of Louvres are to be opened simultaneously, give distance between each window, and measurement over all for horizontal bar.
7. If Louvres are in Lantern, state distances between floor and ceiling, up-ceiling slope, and underneath window.
8. If Louvres are not in Lantern, state distance from floor to bottom of window.

Prices quoted upon receipt of Specification.



Self-Locking Lever Fanlight Opener

This New Lever Action Fanlight Opener locks itself automatically when Fanlight is open and when it is closed.

It can be fixed on a narrow frame (1" wide) where screw box could not be used.

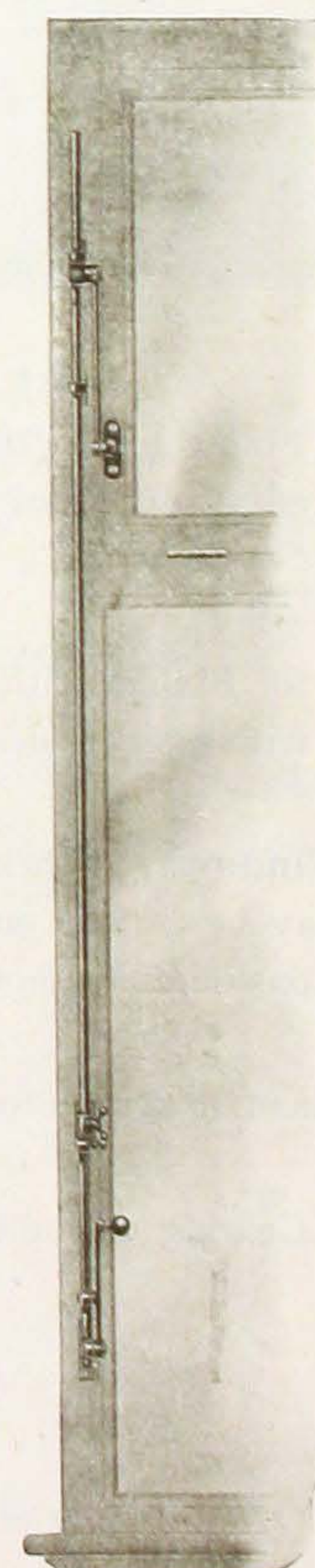
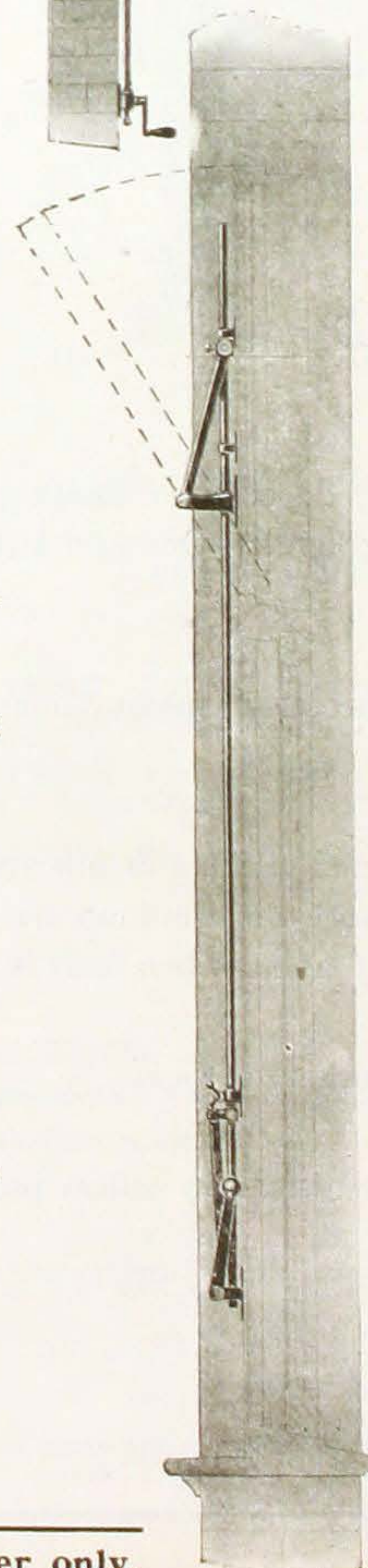
Strong, Durable, Neat and Cheap.

No. PHO 1715 For Fanlights hinged at bottom, open in.

No. PHO 1716 For Fanlights hung at top or on centres, open out.

In Malleable Iron, japanned, with steel rod up to 6' 0",
 $\frac{3}{8}$ " diameter 18/3 each.

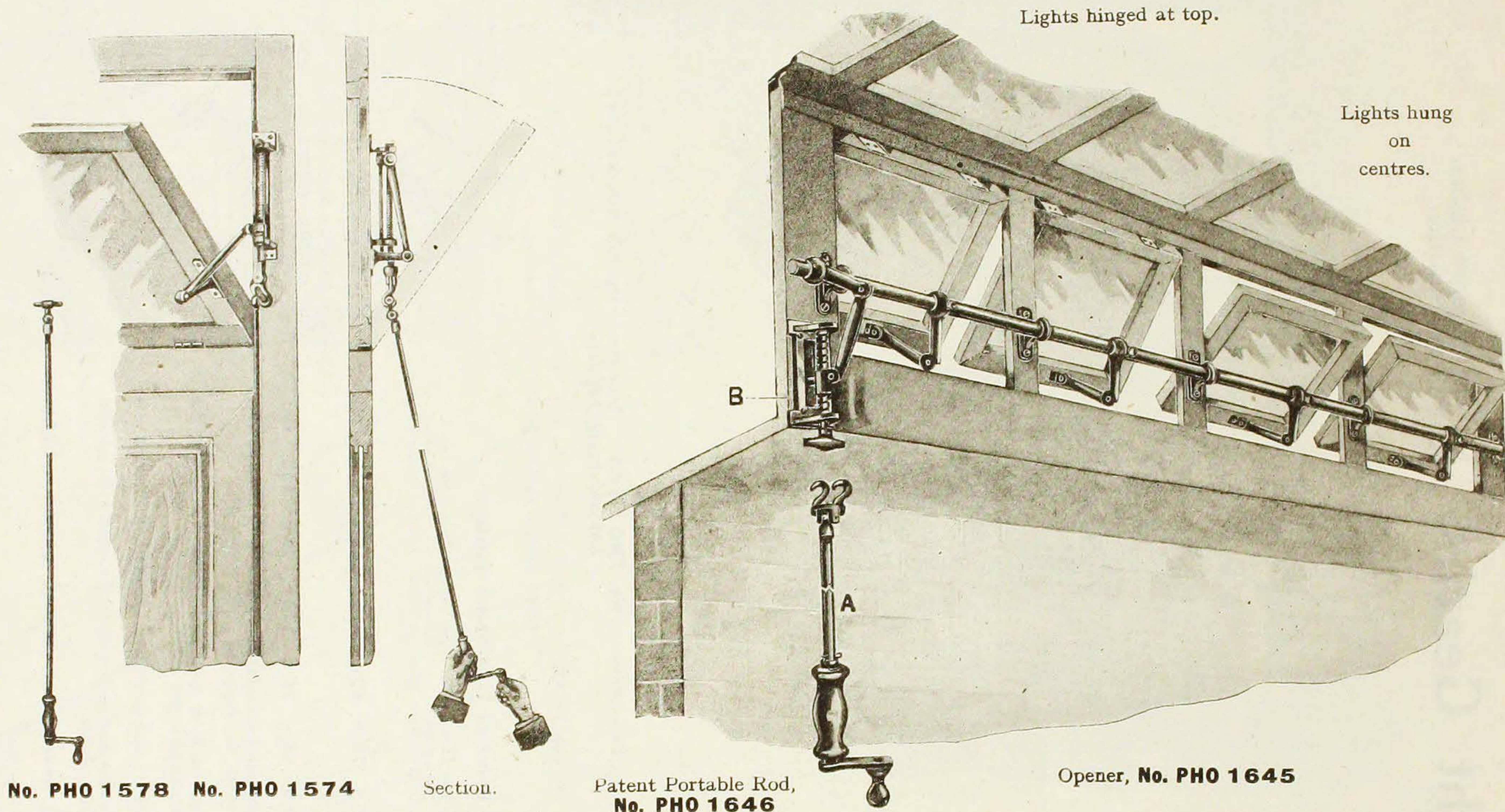
In Polished Gun-metal, with steel rod up to 6' 0", $\frac{3}{8}$ "
 diameter 33/6 ..



No. PHO 1715
 To open in.

The "St. James" Fanlight Openers with Patent Portable Rods

FOR FAN AND LANTERN LIGHTS.



The Advantages of the "St. James" Patent Portable Rod Opener are obvious:—

1. For Institutions, Schools, etc., cannot be interfered with by patients or children and works noiselessly.
2. Ease and simplicity of fixing, doing away with the necessity of plugging walls, etc., and securing greater certainty of smooth action in working.
3. Removal of the unsightly rod disfiguring wall and ceiling.
4. One Portable Rod will serve for any number of Openers.

Nos. PHO 1574, PHO 1575, PHO 1576 and PHO 1577 are Openers suitable for Narrow Fanlights about 2' 6" square, require little space to fix, do not interfere with the blind and is specially adapted for use in Asylums and other Institutions. They are noiseless in operation. The Rod No. PHO 1578 will serve for any number of Openers.

Price of Openers Without Patent Portable Rod.

		Iron.	Gun-Metal.
No. PHO 1574	For one Fanlight opening in	17/-	25/3 each.
No. PHO 1575	For two Fanlights opening in	25/3	37/9 "
No. PHO 1576	For one Fanlight opening out	17/-	25/3 "
No. PHO 1577	For two Fanlights opening out	25/3	37/9 "

Price of Patent Portable Rod.

		Iron Fittings.	Gun-Metal Fittings.
No. PHO 1578	Steel Rod, up to 6 ft. long	18/9	23/- each.

Particulars required with order.

1. The height and width of Fanlight.
2. How Fanlight is hinged—at top, bottom, or on centres.
3. Width of frame at side of Fanlight.
4. If Fanlight is recessed back from frame, state how much.
5. Distance from bottom of Fanlight to floor.
6. In case of two Fanlights, give exact width of mullion between.

No. PHO 1645 For Lights hinged at top, bottom or on centres. The horizontal bar is made of steel, with iron or Polished Gun-metal fittings.

No. PHO 1645 with one arm to each light.

Price of Opener Without Patent Portable Rod.

For One Light.		For Two Lights.		For Three Lights.		For Four Lights.	
Iron.	Gun-Metal.	Iron.	Gun-Metal.	Iron.	Gun-Metal.	Iron.	Gun-Metal.
31/3	57/6	43/9	80/6	56/6	99/9	69/-	122/6 each.

Price of Patent Portable Rod. Up to 10' 0" long.

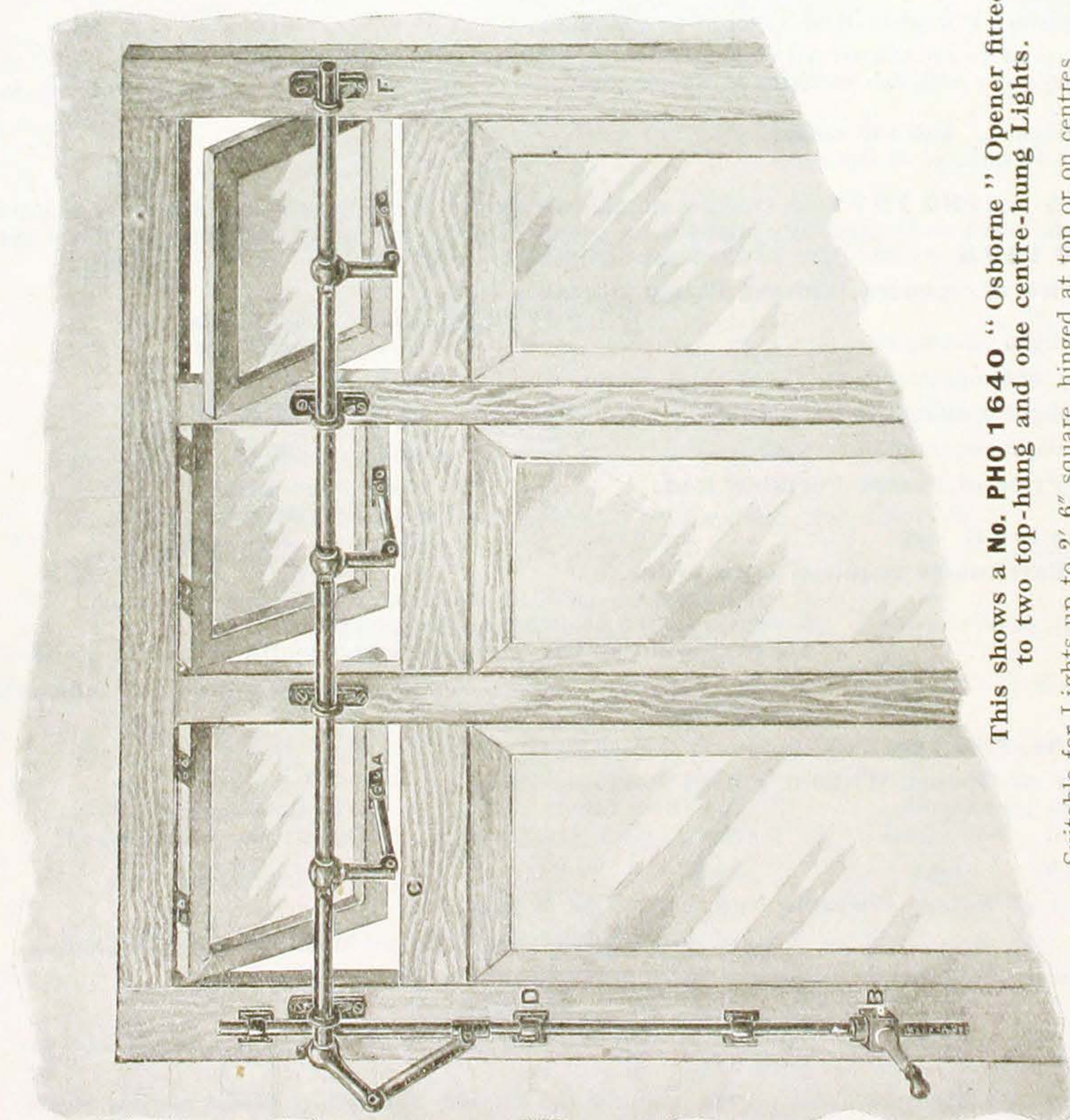
No. PHO 1646 Steel Tubular Rod ... With Iron fittings, 24/9; With Gun-Metal fittings, 32/6 each.

In Ordering these Openers the following particulars should be given.

1. The number and size of Lights.
2. How Lights are hinged—top, bottom, or on centres.
3. If Lights are in recess, depth must be given.
4. Length over all the Lights for horizontal bar.
5. Depth of woodwork underneath the Lights (where the rack B has to be fixed).
6. Distance from floor direct to bottom of Lights, to decide the length of the Portable Rod, which is sent out any length to reach the Opener conveniently.

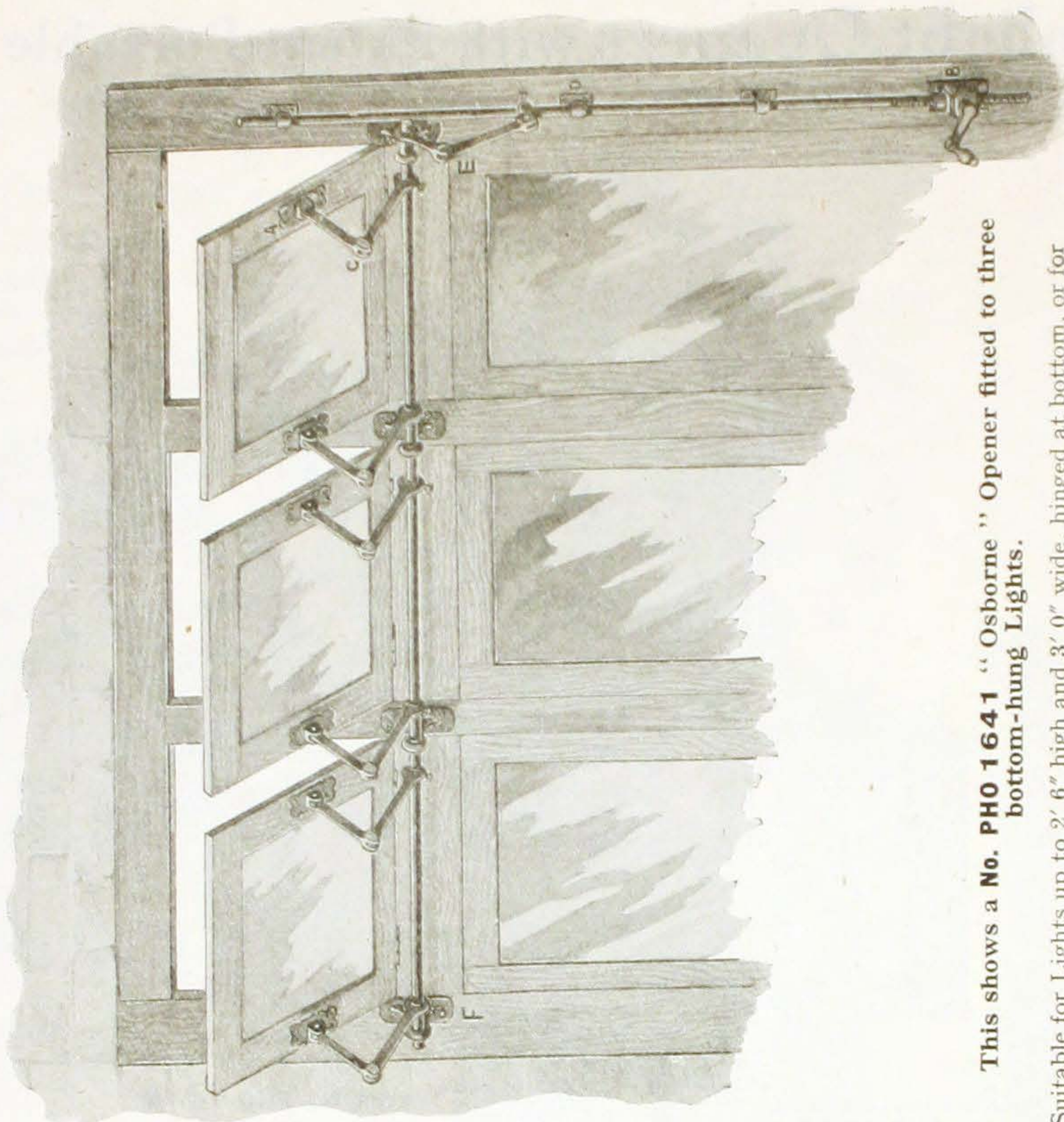
The "Osborne" Fanlight Gearing

For one or more Lights,
hung in any position.



This shows a **No. PHO 1640** "Osborne" Opener fitted to two top-hung and one centre-hung Lights.

Suitable for Lights up to 2' 6" square, hinged at top or on centres.
If Lights are larger and require stronger fittings, extra will be charged.



This shows a **No. PHO 1641** "Osborne" Opener fitted to three bottom-hung Lights.

Suitable for Lights up to 2' 6" high and 3' 0" wide, hinged at bottom, or for wide Lights hinged at top or on centres.

In Ordering or asking Questions, please give the following particulars:

1. The number of Lights, and height and width of each.
2. How Lights are hinged—at top or bottom or on centres.
3. Width of frame at side, and mullions between the Lights.
4. Width of transome underneath Lights.
5. Measurements overall the Lights and frame at sides for horizontal bar.
6. State distance from bottom of Light to floor.
7. If Lights are recessed back from window frame, state how much.
8. If the entire window is recessed back from face of wall, state how much, and give the distance from sill to floor. If the sill is not too high from floor, the Opener should be fixed inside the recess.
9. State if straight or angle screw box is to be used, and where it is to be fixed.

PRICES, with Iron and with Polished Gun-Metal Fittings.

For One Light. For Two Lights. For Three Lights. For Four Lights.
Gun-metal, Gun-metal, Gun-metal, Gun-metal,
Iron, polished. Iron, polished. Iron, polished. Iron, Polished.

No. PHO 1640 With one arm to each light	...	37/3	58/-	47/3	75/9	57/6	94/6	68/-	112/-	set.
No. PHO 1641 With two arms to each light (as drawn)	...	41/3	68/3	55/9	98/-	74/6	133/-	90/3	163/-	set.

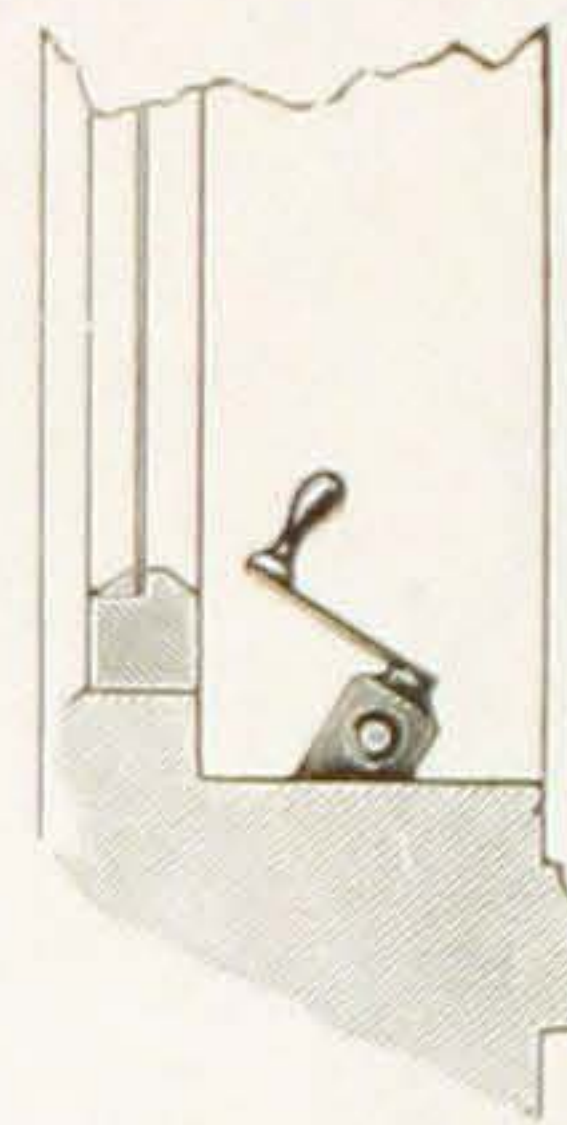
Horizontal bars are of $\frac{11}{16}$ " smooth steel, and calculated up to 3' 6" for each light; if longer, 1/- per ft. extra is charged.

The vertical rod is smooth round steel, priced up to 6' 0" $\times \frac{1}{4}$ " diameter; if longer, 8d. per foot extra is charged.

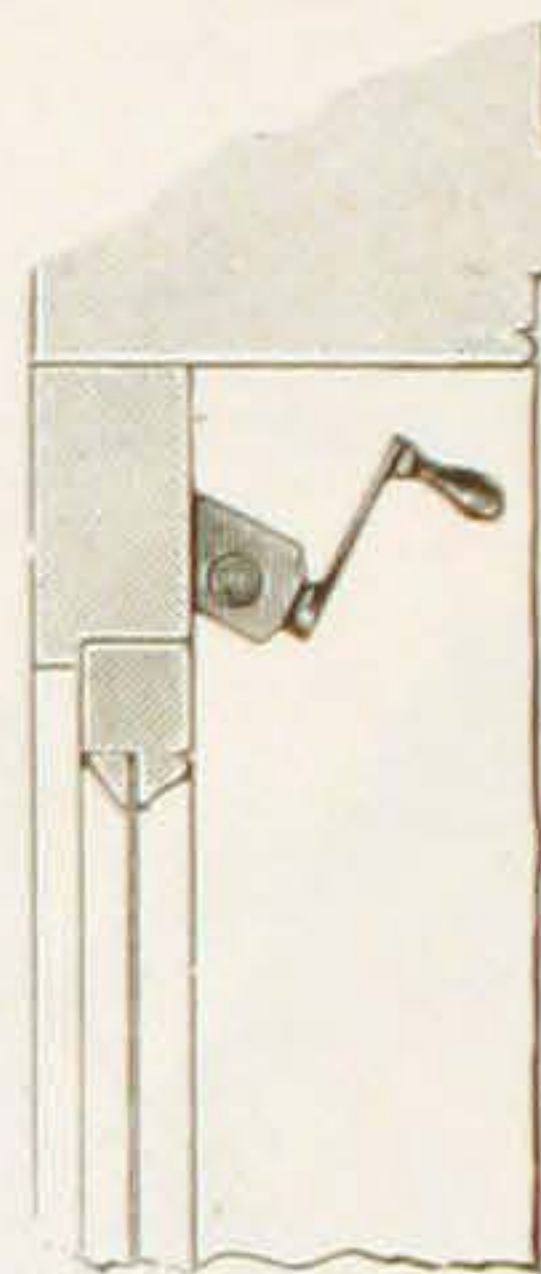
Phosphor bronze rivets are used in all the fittings, and gun-metal gears in all screw boxes.

These Openers are made in various strengths, to suit size and number of Lights to be opened. All parts are adjustable.

Estimates given for "Osborne" Opening Gear to suit vertical and other lights.

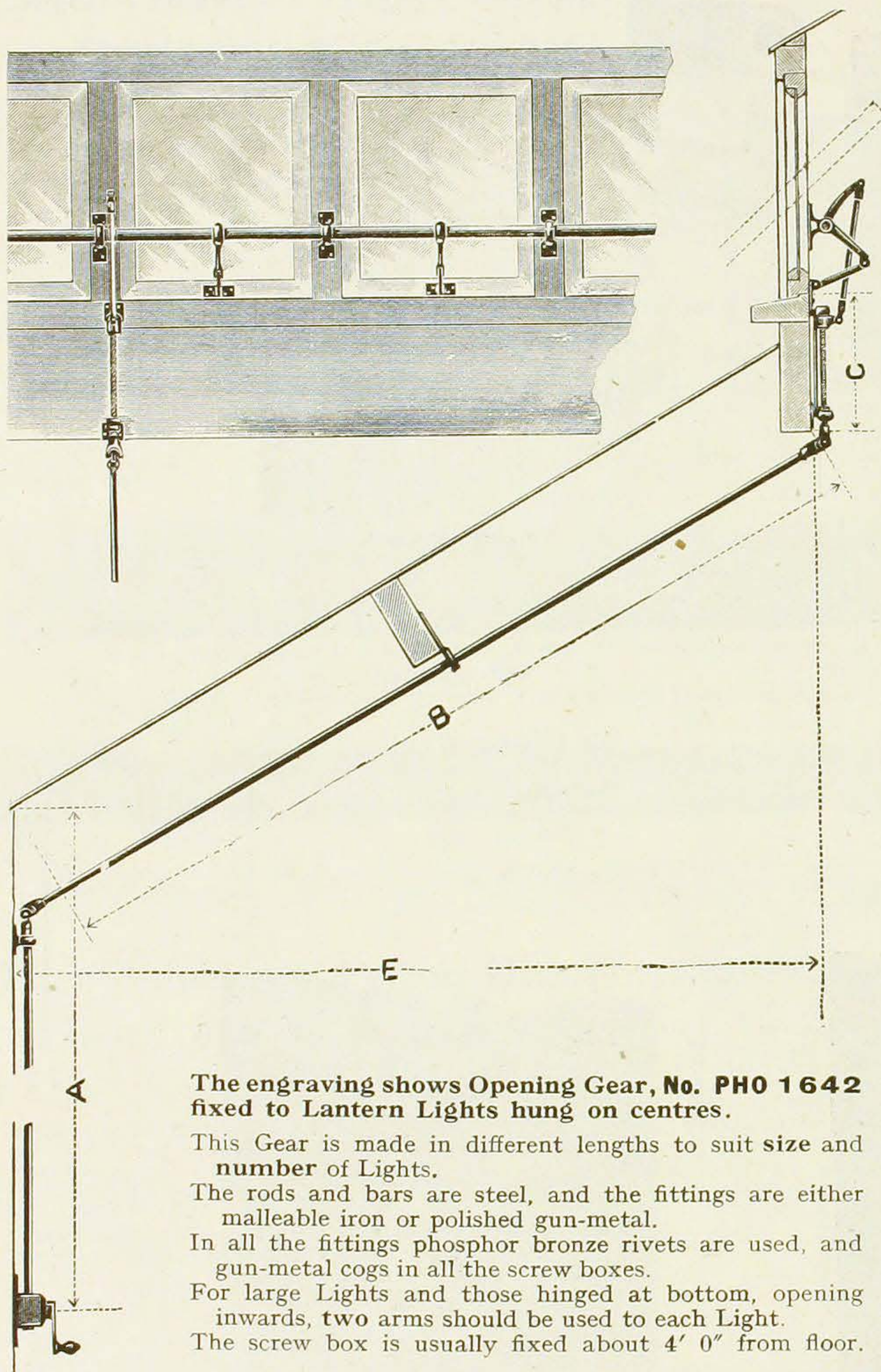


Plan showing Angle Screw Box fixed on the side of the reveal in cases where the frame at side of Light is too narrow.



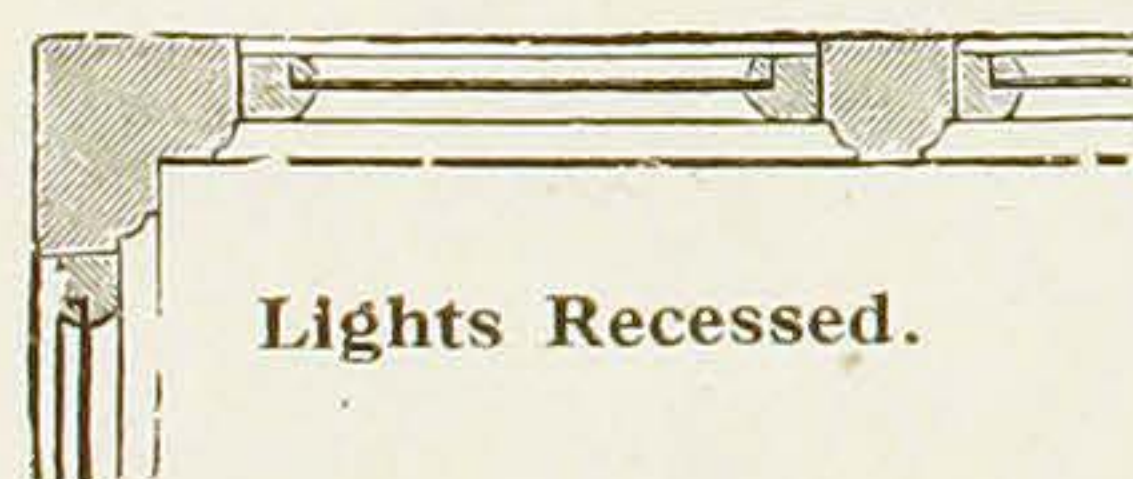
Plan showing Angle Screw Box fixed on frame at side of Light in reveal, where straight screw box could not be used.

The "Osborne" Opening Gear for Lantern Lights

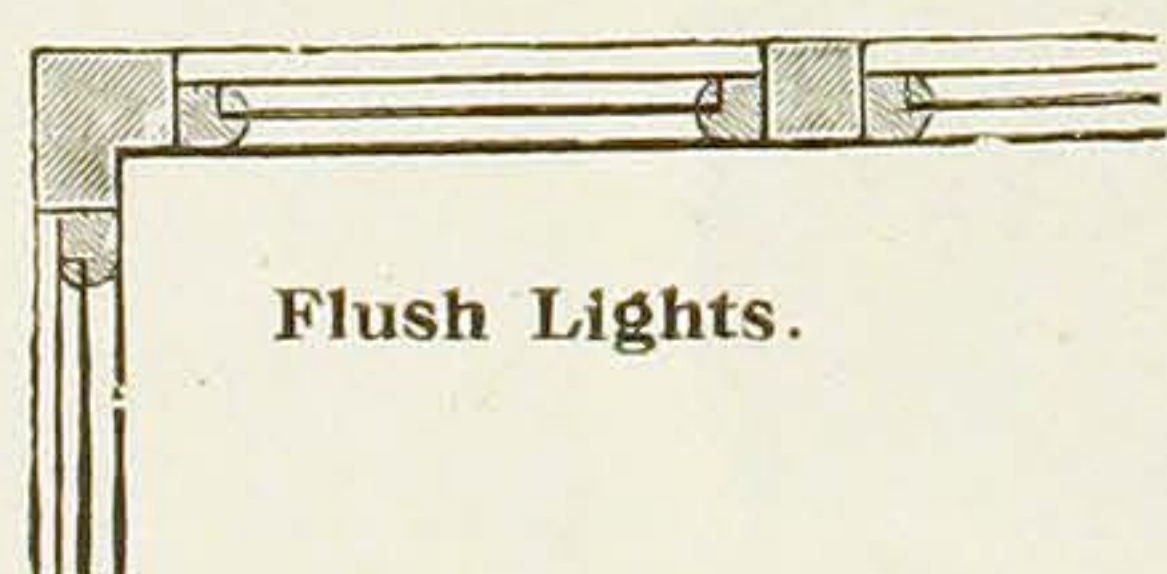


The engraving shows Opening Gear, No. PHO 1642 fixed to Lantern Lights hung on centres.

This Gear is made in different lengths to suit size and number of Lights.
The rods and bars are steel, and the fittings are either malleable iron or polished gun-metal.
In all the fittings phosphor bronze rivets are used, and gun-metal cogs in all the screw boxes.
For large Lights and those hinged at bottom, opening inwards, two arms should be used to each Light.
The screw box is usually fixed about 4' 0" from floor.



Lights Recessed.



Flush Lights.

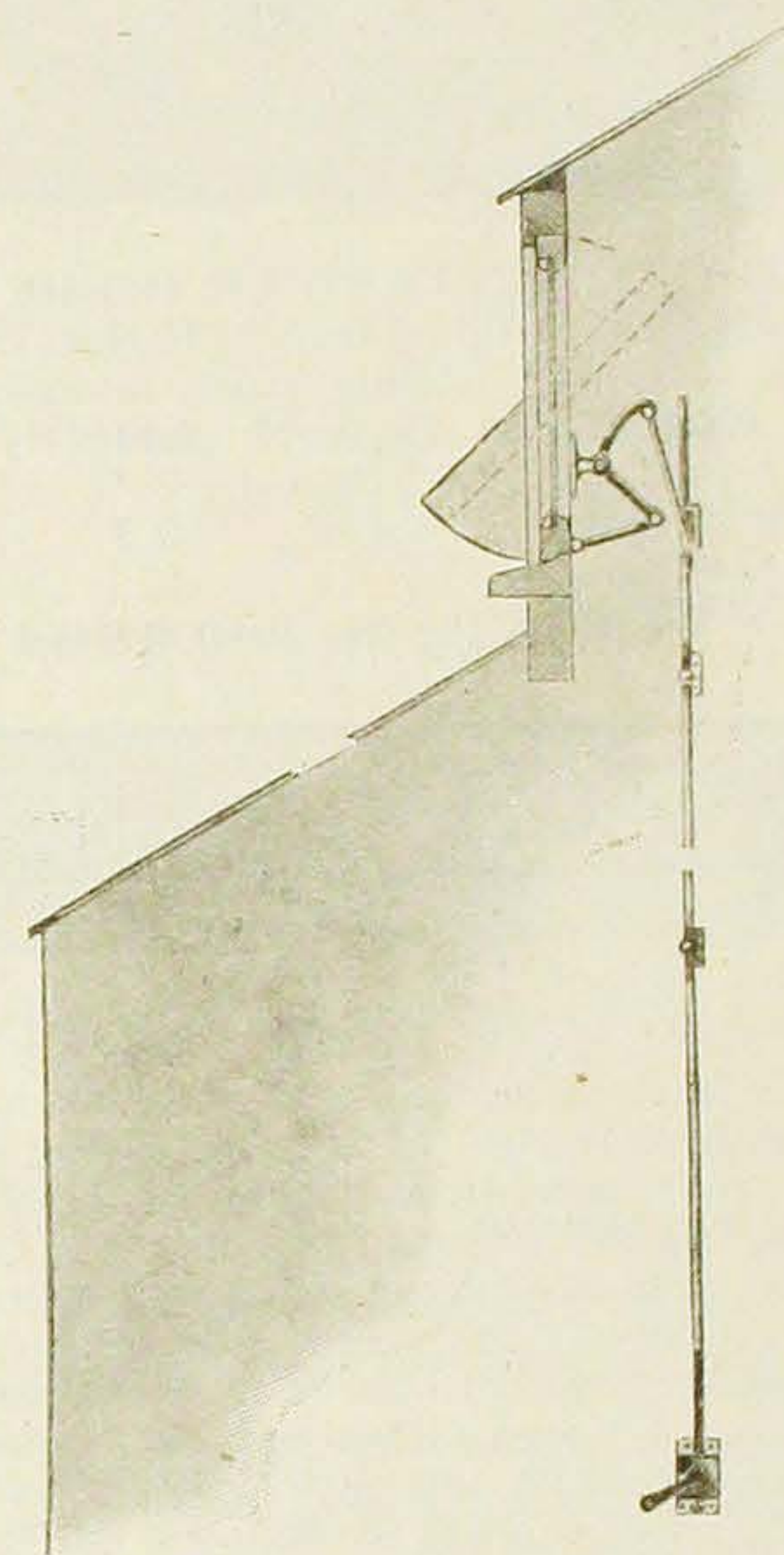
Plans of Corners of Lantern.

These plans show the wood frame in corner, particulars and measurements of which should always be made clear with order.

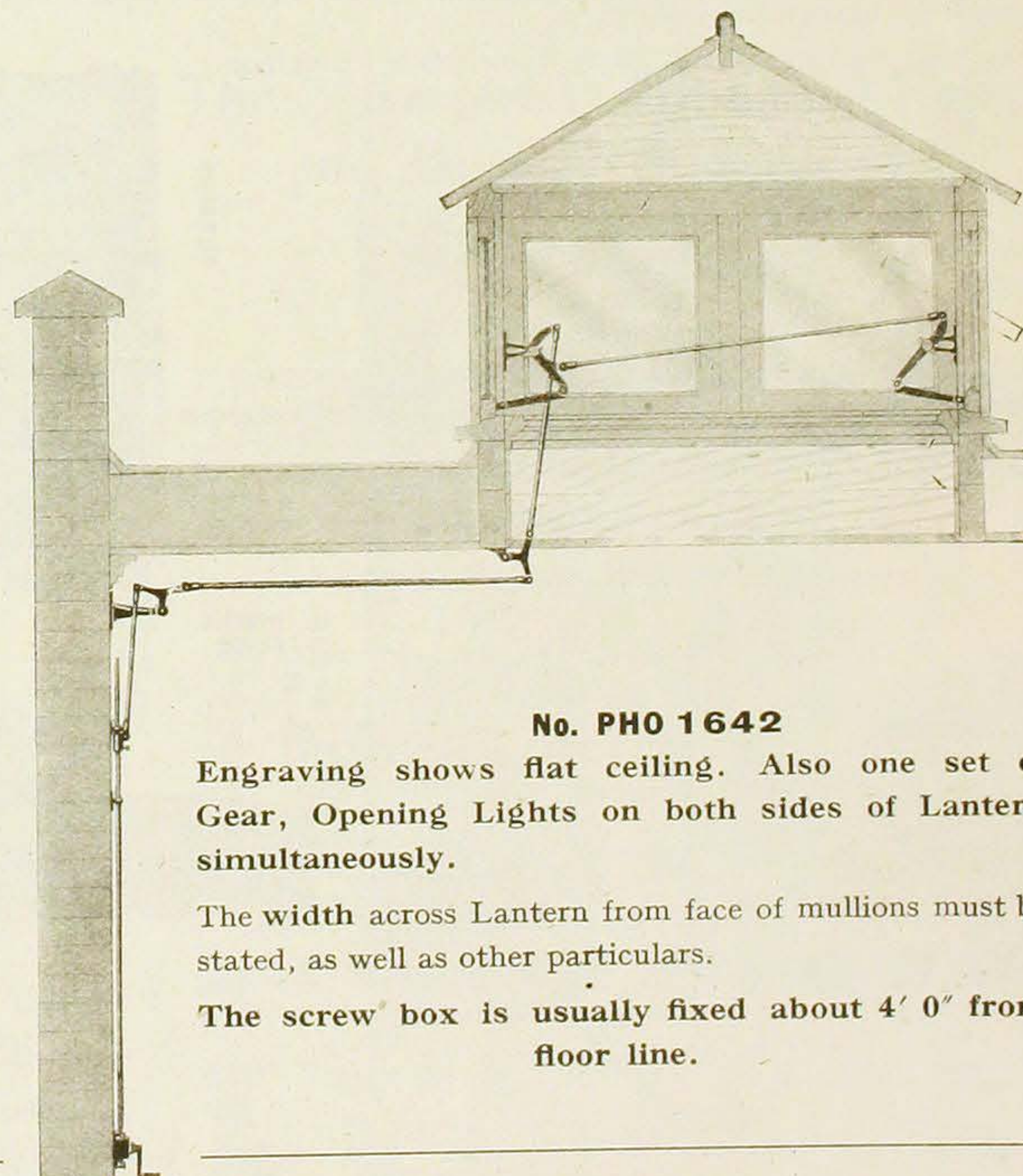
Special Quotations given for above

In ordering or asking for quotations, the following particulars should be given. State if ceiling is flat or sloping. If Lantern continues right up to the gable end of building, the rod and screw box could be fixed on the end wall.

1. State number of Lights to be opened, and if there are any fixed Lights between, state how many.
2. How Lights are hung—at top, or bottom, or on centres.
3. Height and width of each Light.
4. Width of frame at each end of range, and mullions between the Lights.



Engraving shows Gearing worked up end wall.
State distance from floor to bottom of Lights, and other particulars.



No. PHO 1642

Engraving shows flat ceiling. Also one set of Gear, Opening Lights on both sides of Lantern simultaneously.

The width across Lantern from face of mullions must be stated, as well as other particulars.

The screw box is usually fixed about 4' 0" from floor line.

Gearing on receipt of full details.

5. Width over all, including frame, for horizontal bar.
6. If Lights are recessed back from frame, state how much.
7. Give measurements at A, B, C and E, or if up end wall from floor to bottom of Lights.

It is advisable to make a sectional sketch, showing wall and ceiling and exact position of purlins (if any) with measurements. Also a plan of lantern showing details of woodwork all round.

Draught Excluders and Weather Bars



SOLID OAK REVERSIBLE DOOR SLIDES.

Best Quality and Finish. Highly Polished.

The improved form renders a double stock unnecessary.—BEST MAKE.

Guaranteed to work perfectly both ways.

Prices: 33" 36" 39"
No. PHS 9583 4/9 5/3 5/6 each.

"WINFIX" No. PHO 9584

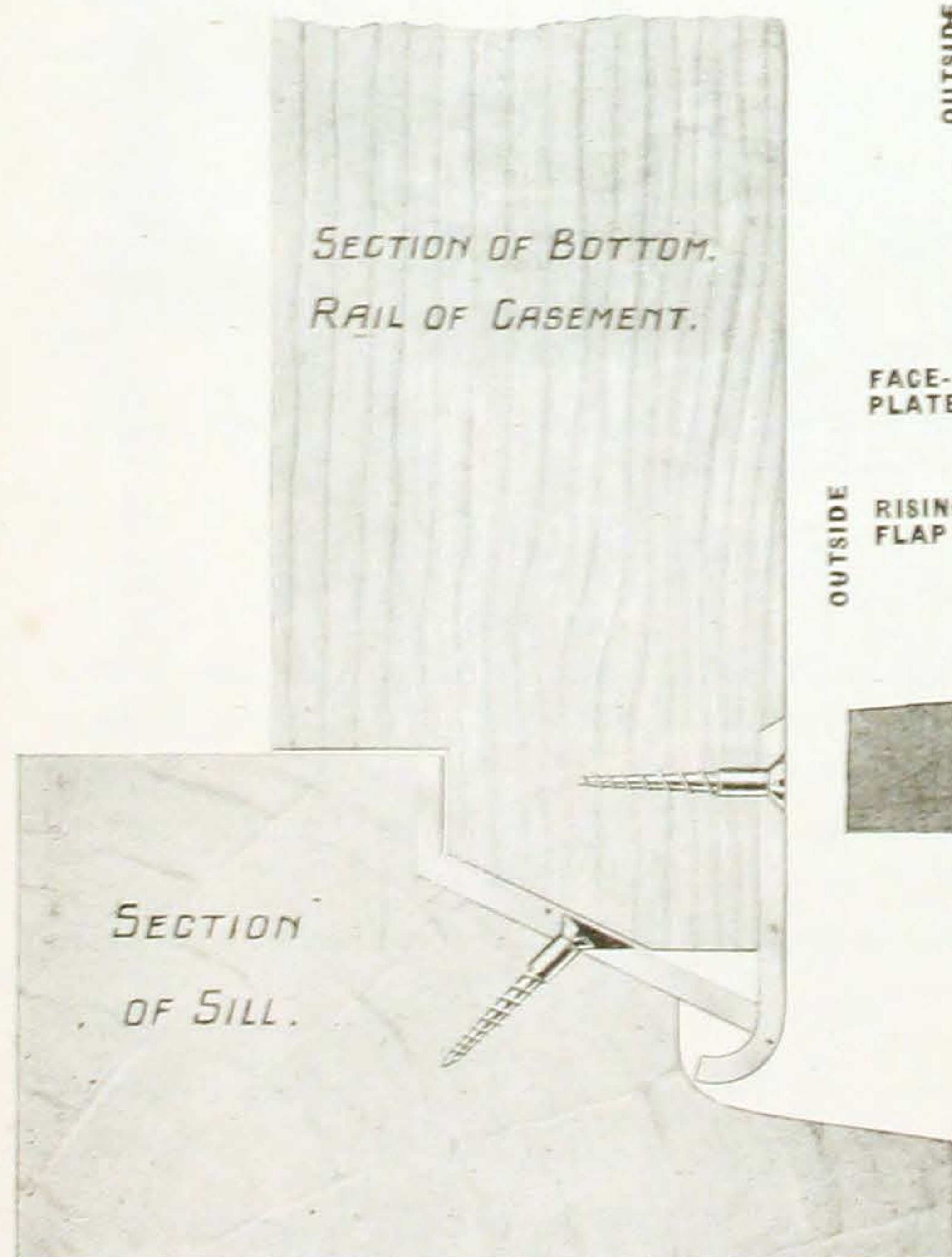


Actual size section of No. 1 size "WINFIX."

It is very simple in construction, very flat and neat in appearance, and there is absolutely nothing in it to wear or get out of order. It consists of a strip of good-quality felt, sandwiched along one edge between a bent-over strip of very thin sheet metal which grips the felt as in a vice. "WINFIX" has no rubber in it to go hard and perish, as all rubber will sooner or later—mostly sooner—even though it be covered with cloth or what not, which only serves to hold the perished bits of rubber together and to cover a multitude of sins. "WINFIX" can be used either outside or inside; it is not affected by the weather. Never loses its efficiency. Never frays, but always remains trim and neat. Being small and flat in section it will fit ANY kind of window or door-frame. So adaptable is it that it can even be bent when fixing to curved framework.

"WINFIX" is supplied in three sizes and in two colours, "White" and "Oak." It can, however, be painted at any time after fixing if desired to match the framework exactly.

No. 1 Size, $\frac{1}{2}$ " wide, 3d. per foot, including fixing nails.
" 2 " $\frac{3}{4}$ " " 4½d. " " " "
" 3 " 1" " 7d. " " " "

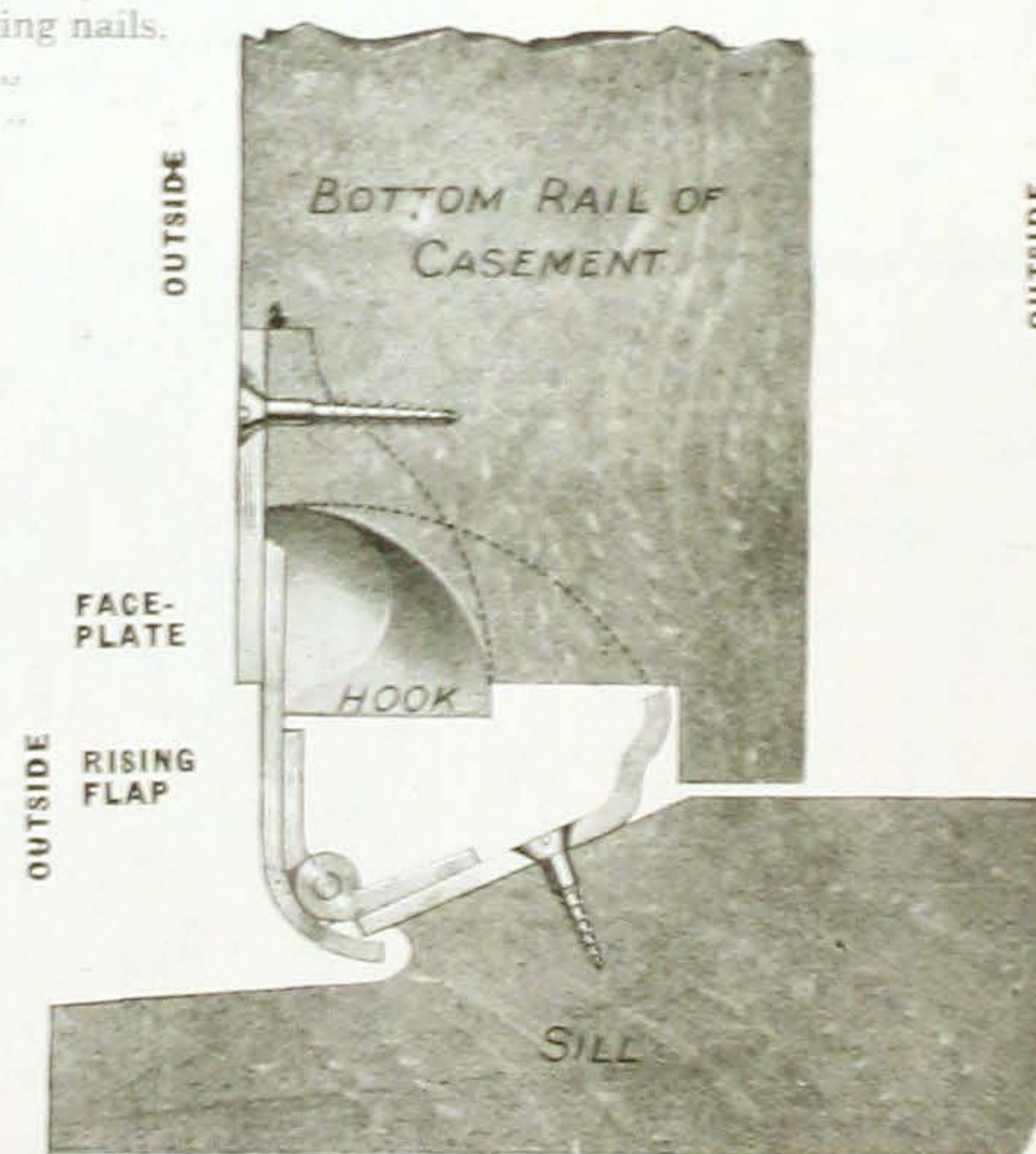


WEATHER-TIGHT SILL BAR.

No. PHO 1922

For French Casements opening outwards. This illustration represents approximately a $\frac{3}{4}$ full size section of a 2" casement to which this bar is attached. It is impossible for any wet or draught to get through when this bar is used.

Price per foot run in Brass ... 7/5 per ft.
In stouter metal, 11d. extra. In Copper, 1/4 extra.



PATENT WATER-TIGHT SILL BARS.

No. PHO 1920

For French Casements opening inwards. This illustration is approximately $\frac{3}{4}$ full-size. The bar is applicable to Casements opening inwards 2" and upwards in thickness. A narrower section is made for thinner doors.

Prices: In Brass, 12/3 ft. run.

In stouter metal, 2/1 ft. run extra.

In Copper, 1/7 extra per ft. run.



Cheaper Pattern Draught Strips

MOULDINGS WITH PLAIN RUBBER TUBES.

In 7 foot lengths. No. PHS 9585

Fitted with $\frac{1}{2}$ " plain tube 11/8 dozen, 1/- each.
Also Baize Covered red and green 14/5 dozen, 1/3 each.
White enamelled, with $\frac{1}{2}$ " plain Tube 17/3 dozen, 1/6 each.

RUBBER DRAUGHT TUBING FLANGE.



No. PHS 9586

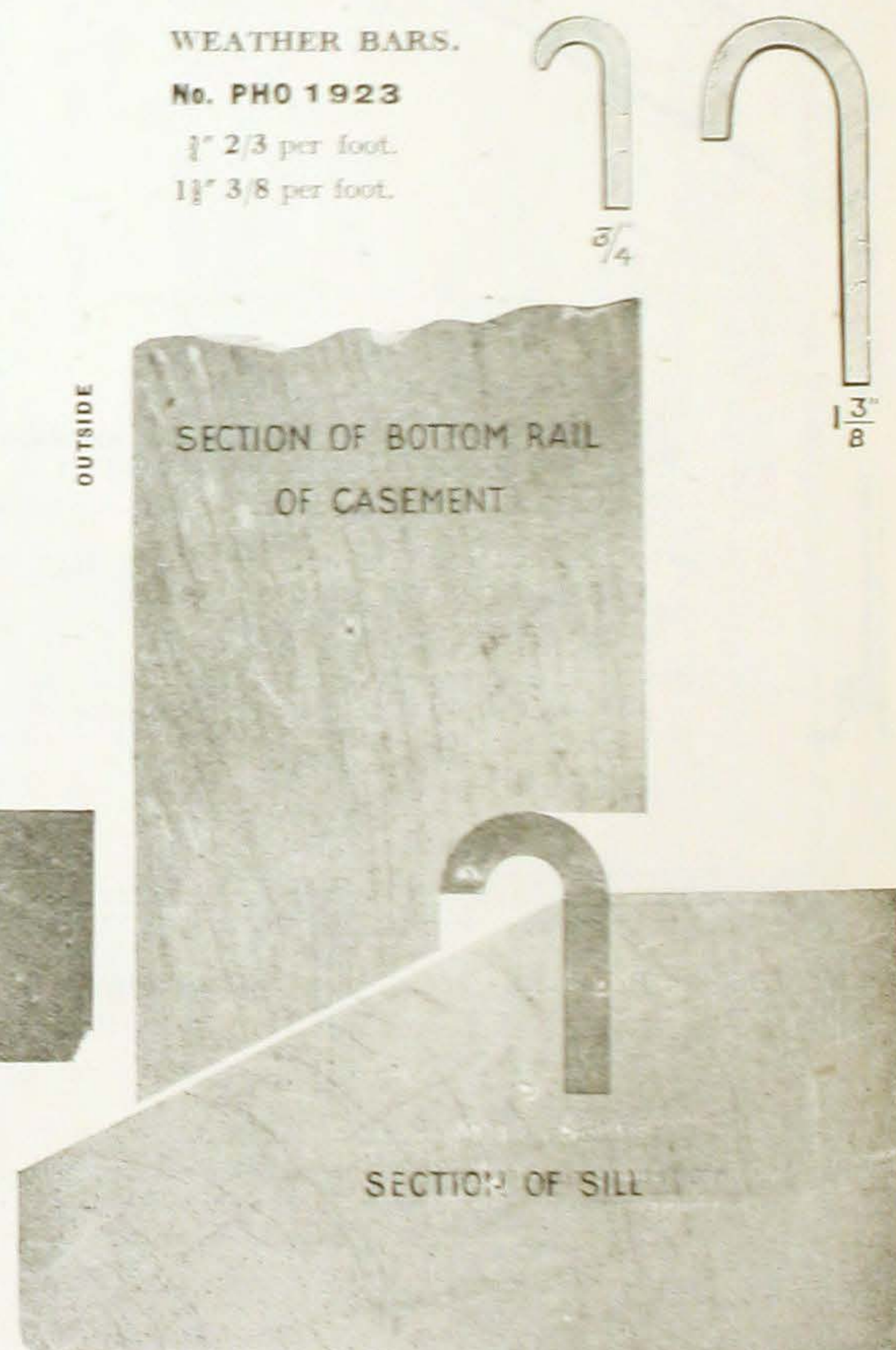
$\frac{3}{16}$ " Baize Covered red or green ... 5/10 per 60 foot coil.
Or supplied loose at 4d. per yard.
 $\frac{3}{16}$ " White, half covered, 7/6 per 60 foot coil, or supplied loose at 5d. yard.
 $\frac{3}{16}$ " Brown Canvas covered, 6/8 per 60 foot coil, or supplied loose at 4½d. per yard.

WEATHER BARS.

No. PHO 1923

$\frac{1}{2}$ " 2/3 per foot.

1½" 3/8 per foot.



IMPROVED HOOK SILL BAR.

No. PHO 1923

The illustration represents approximately a $\frac{3}{4}$ full size section of a 2" Casement, fitted with the ordinary Hook Bar. This bar is applicable to all casements above 1½" in thickness.

Section showing Weather Bars No. PHO 1923 in use.
Prices: In brass, 7/5 per ft. run; in copper, 9/9 per ft. run; black iron, 1/11 per ft. run; galvanised iron, 3/1 per ft. run.

The Durabar Patterns "A" and "B" (formerly known as the Durabar Standard Patterns).

For Single-hung or Double-hung (folding) Doors. Brought into contact with floor, on shutting the door, by a small metal cam screwed to foot of door post. Rises of its own accord immediately the door is opened.

Materials "B" Specially selected Oak with polished brass ends and fittings, and drawn-metal reinforcement bar.
"A" Yellow Pine with steel " " " " " " " " " " " "

DURABAR PATTERN "A" No. PHO 9579

For screwing on to doors, etc. Tenant's Fixture. As applied to a door.

DURABAR PATTERN "B" No. PHO 9579

For letting into thickness of Doors, etc. Landlord's Fixture. As applied to a door.

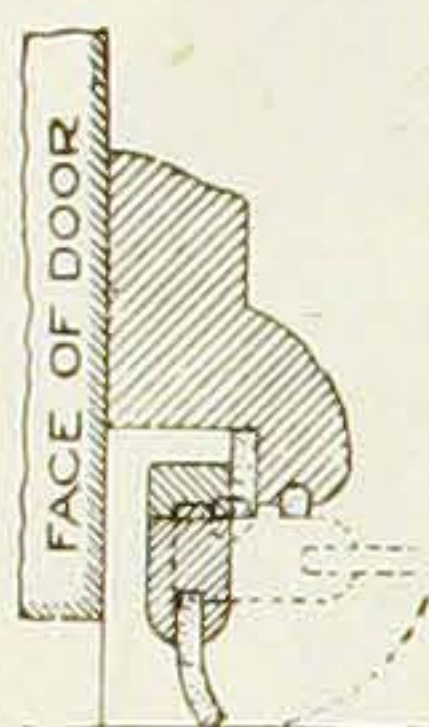


Fig. 1.
Vertical Section, One-third actual size. (Door Shut.)

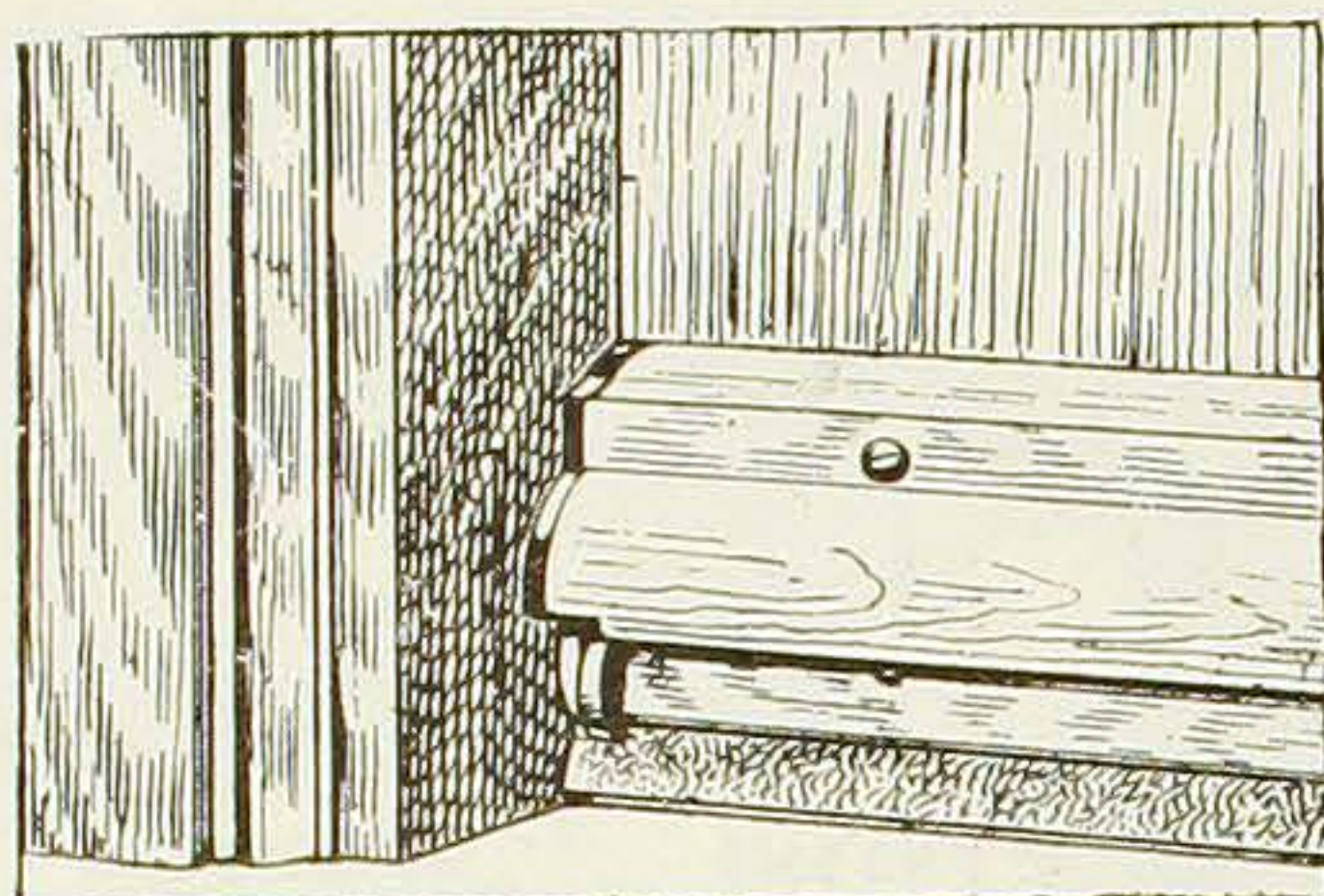


Fig. 2.
Sketches at angle of door and Jamb, at hinged end of door. (Door Shut.)

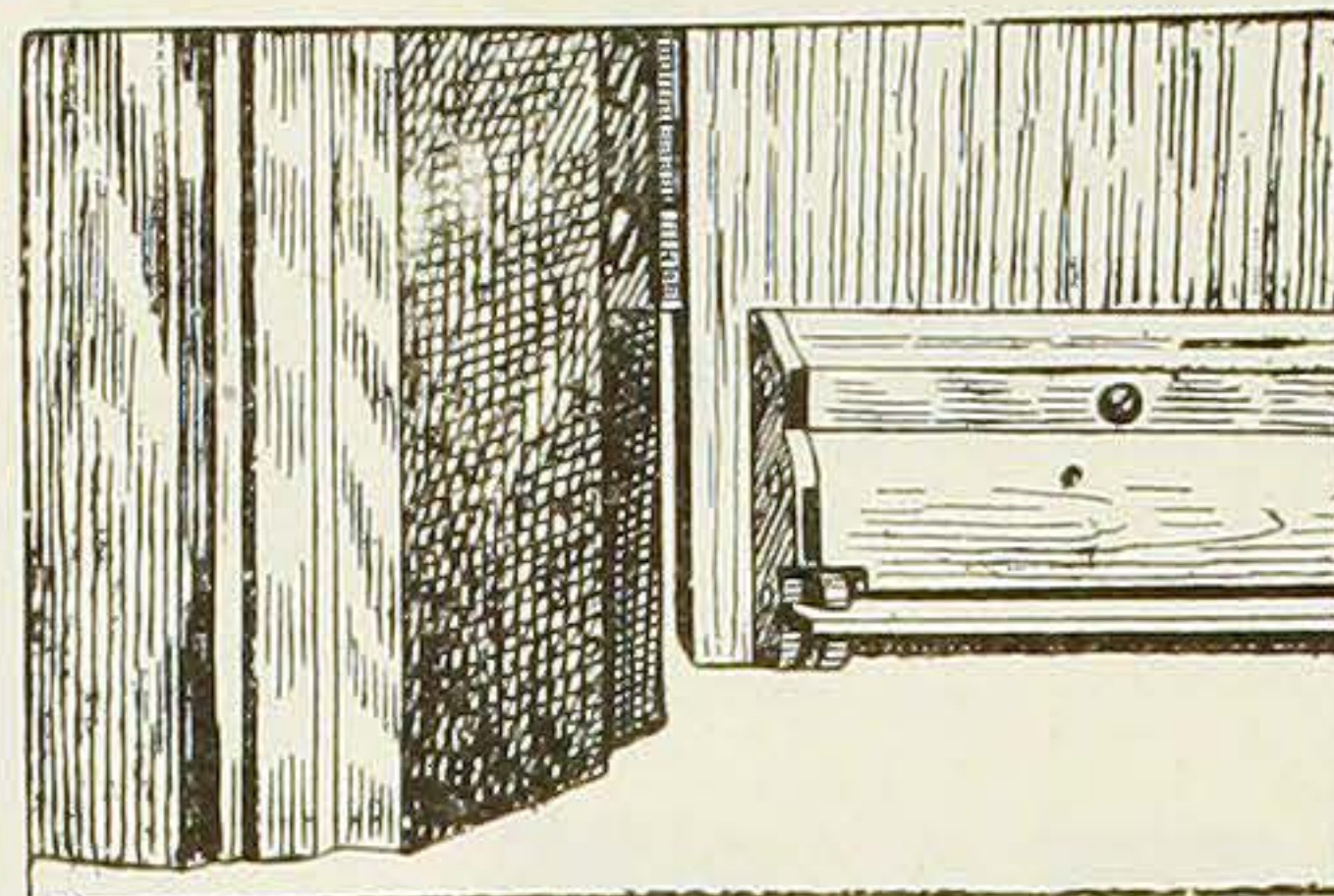


Fig. 3.
Sketches at angle of door and Jamb, at hinged end of door. (Door open.)

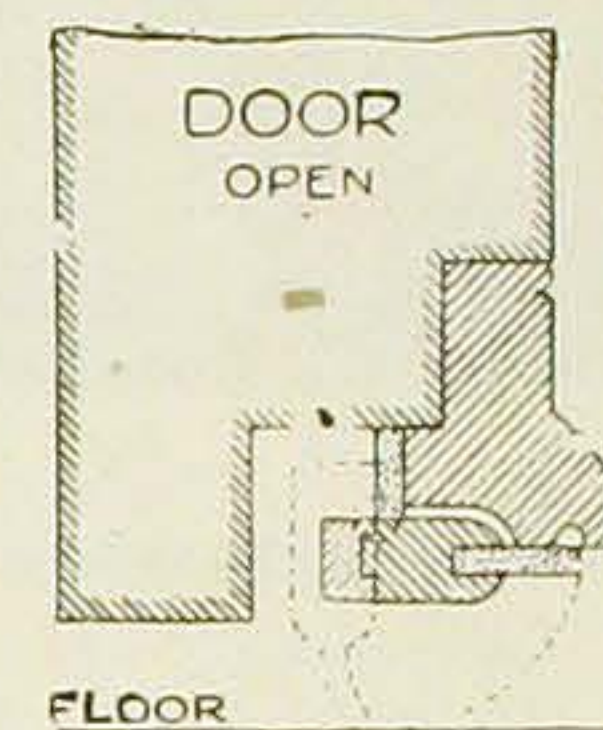


Fig. 4.
Vertical Section. One-third actual size. (Door open.)



The DURABAR Standard Pattern A as supplied ready for screwing to door.

Cover Block and Deflector Plate.



The DURABAR Standard pattern B as supplied ready for letting into bottom of door.

Deflector Plate and Block.

Materials.—Specially selected oak with polished brass ends and fittings, and drawn-metal reinforcement bar.
N.B.—The Beading "E" may be planed off when fixing the DURABAR, or it may be left on, whichever be preferred.

PRICES.

No. PHS 9579

Either Pattern "A" or "B," any lengths up to 3' 3", and to close a space under door, when shut of $\frac{1}{2}$ " deep or less, 35/- each

Longer lengths or to close deeper space under door, quoted for. Either pattern can be had to close any depth of space under door when shut, whether the threshold be level or worn hollow, and to clear any thickness of carpet when door is opened.

The "Imperial" Patent Draught, Dust, and Rain Excluder.

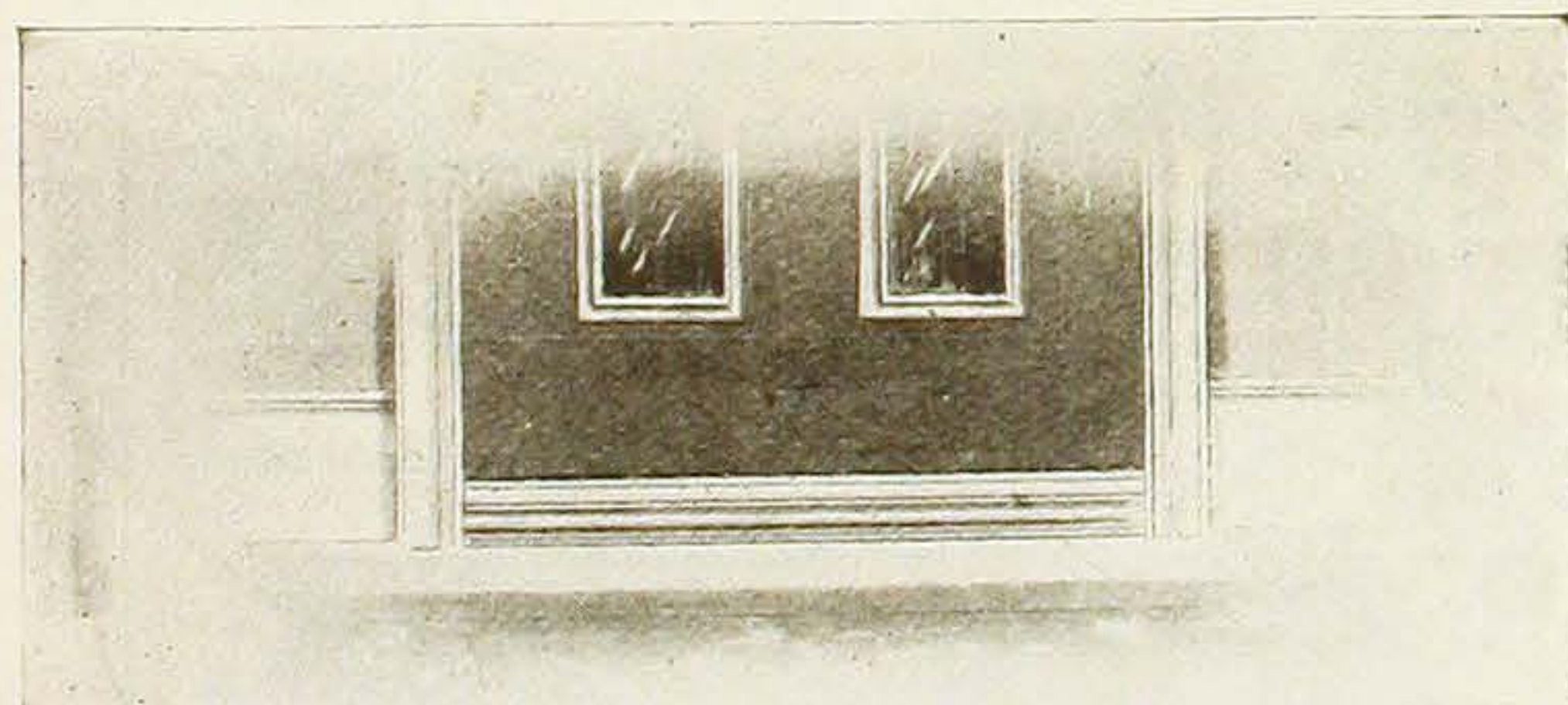
(Tudors' Patent No. 102401).

No. PHS 9581

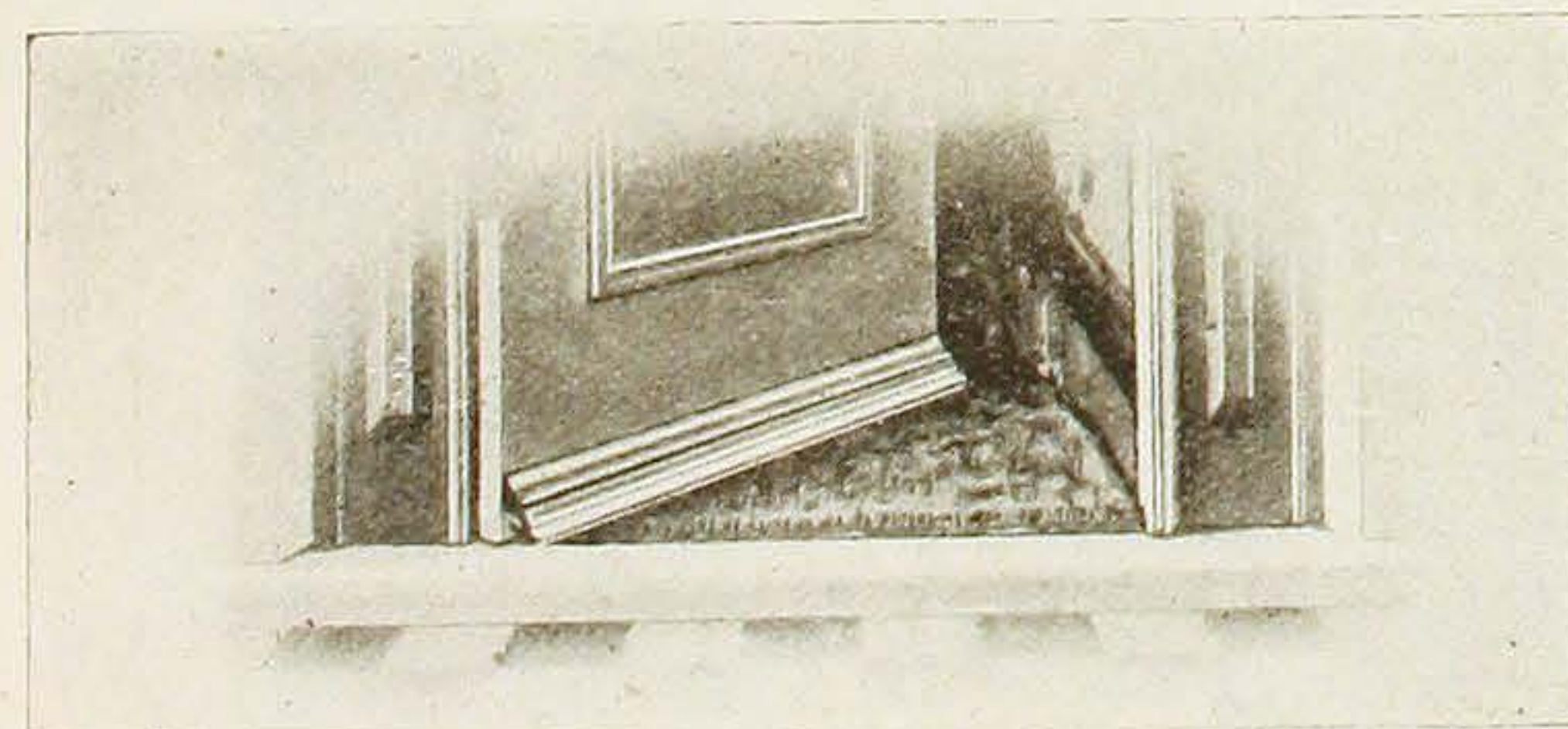
A patent device that is easily affixed to the bottom of any door in a few minutes and excludes all draught and dust. It works automatically with the opening and shutting of the door, irrespective of the thickness of carpet or mat. No rubber or felt to wear quickly or to collect dust.

When Draught Excluder is fitted, it has the appearance of an additional moulding and is an ornament to any door.

BRONZE FITTINGS—NON-RUSTABLE.



Showing Excluder attached to door making it draught and dust proof.



Showing Excluder clearing Carpet or Mat.

These are supplied in the following sizes — No. PHS 9501
2' 6" 2' 9" 3' 0" 3' 3" 3' 6"
5/- 6/- each.

Each Excluder is packed in a separate carton with instructions for fixing.

Durabar Pattern "C."

(Formerly known as the "Popular" Durabar.)
For single-hung doors only. Tenant's fixture.
(Action similar to patterns "A" and "B.")
If door, when being opened, has to clear a carpet or other floor-covering whose total thickness exceeds half-an-inch, "C" Durabar is not suitable and we recommend "A" or "B" Durabar made to suit the door.

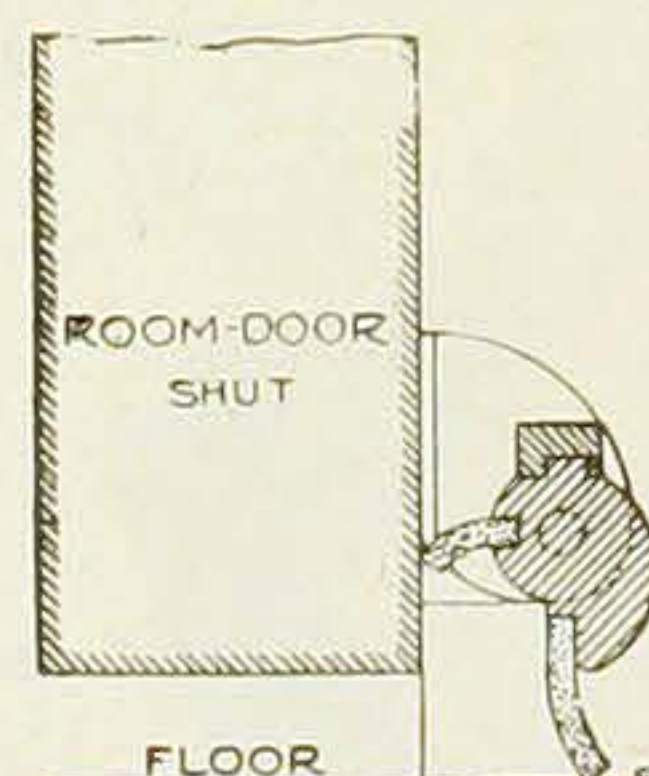


Fig. 5. Vertical Section. One third actual size. (Door Shut.)

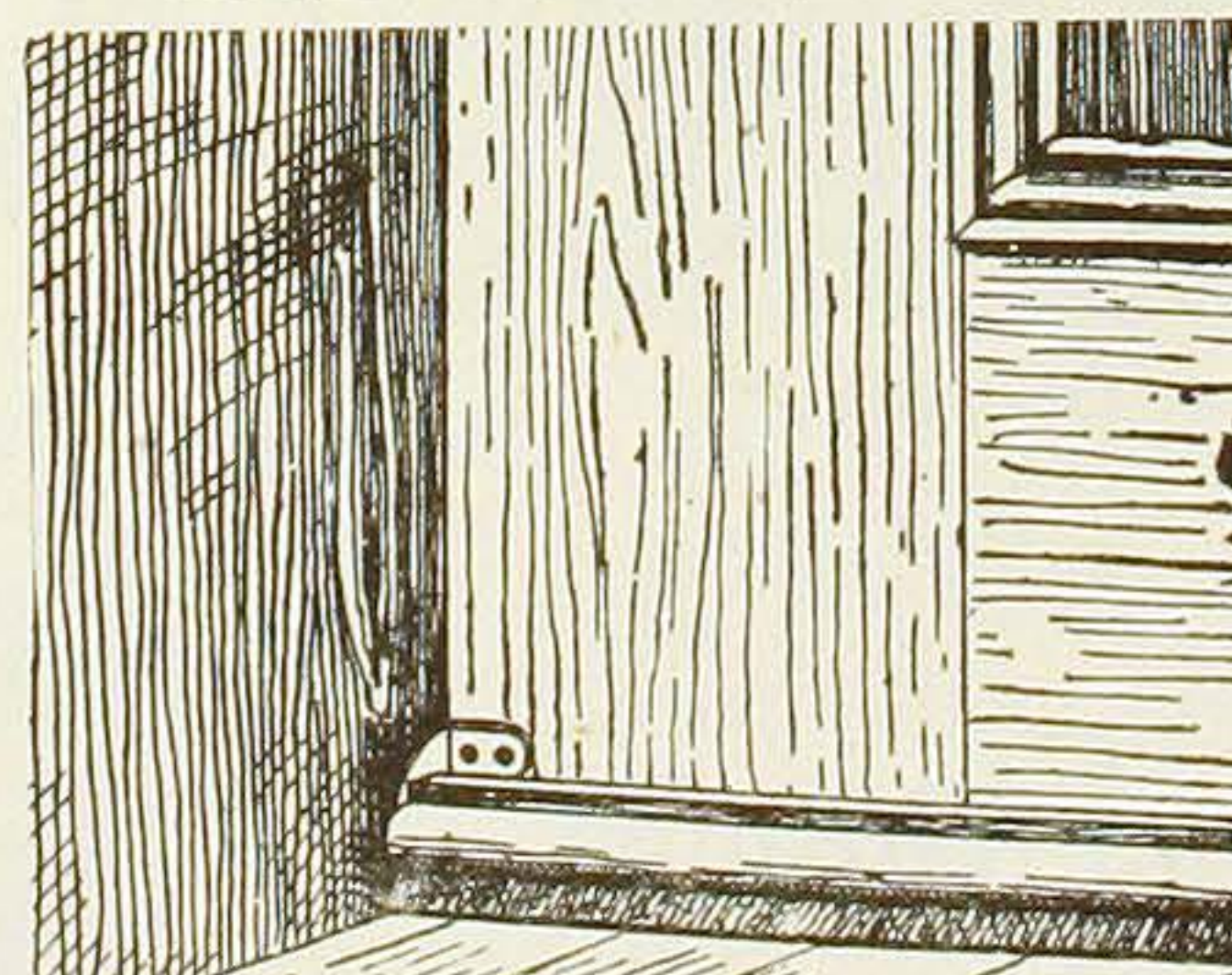


Fig. 6. Sketch (Door shut).

Materials.—Wood, Varnished; Steel ends and fittings and metal reinforcement bar.

No. PHS 9580

Prices 30" 36" 42" 48"
9/6 10/6 11/9 13/6 each.

Each stock length can easily be shortened when fixing, and each will close a space under door, when shut, of $\frac{1}{2}$ " or less.

DURABAR PATTERN "D" (Not shewn, No. PHS 9587), made of Wood, varnished, with Polished Brass Hinges.
Prices: 33" 6/6; 36" 7/-; 39" 7/6; 42" 8/9; 48" 10/- each.

The "Empire" Draught, Rain, and Dust Excluder (PATENT.)

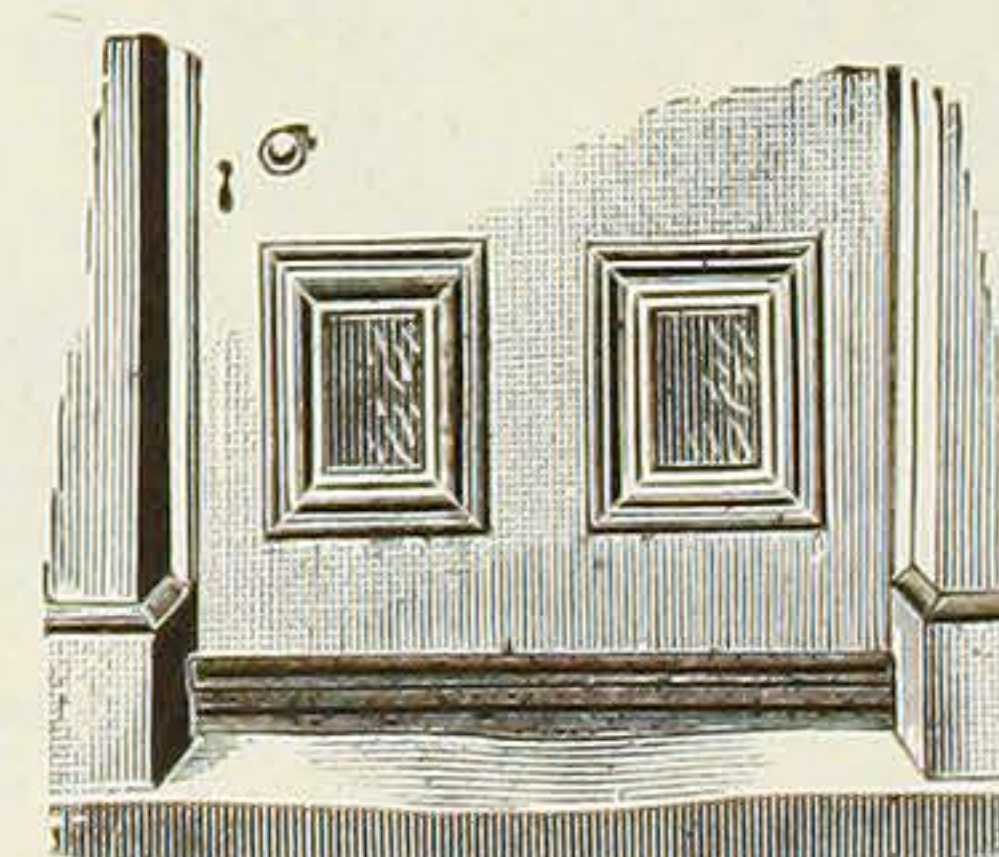
FOR THE BOTTOM OF DOORS.

No. PHS 9582

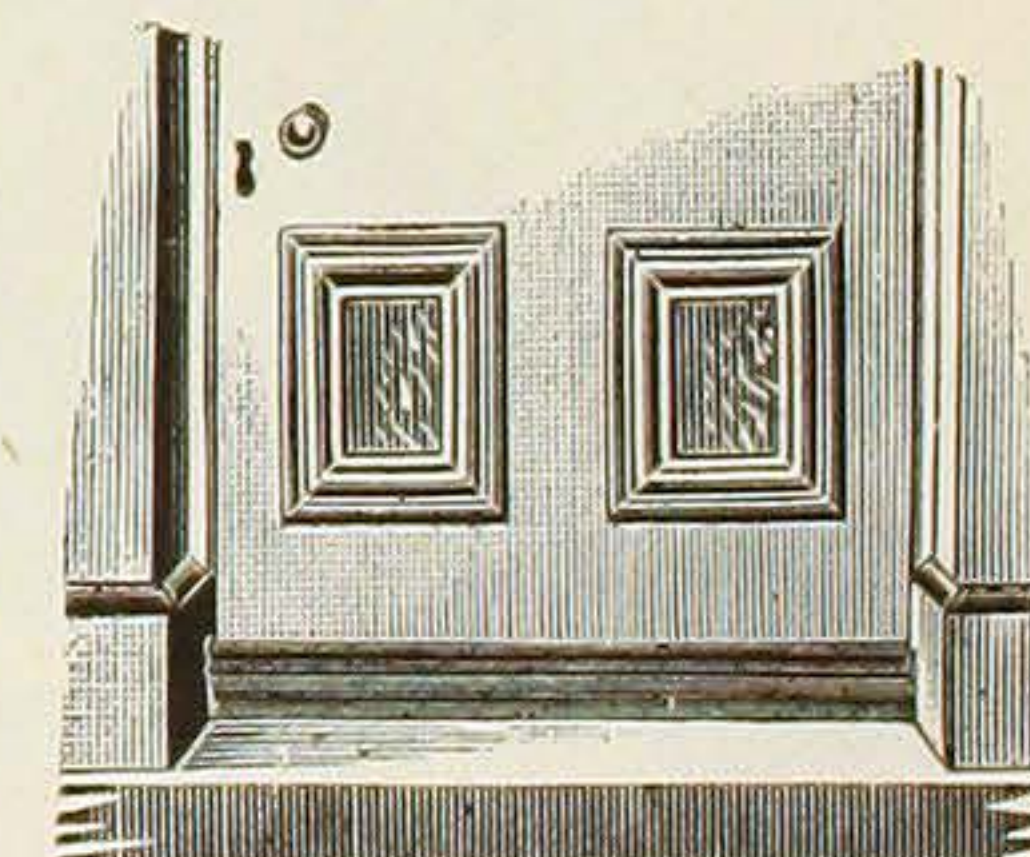


View shewing working parts.

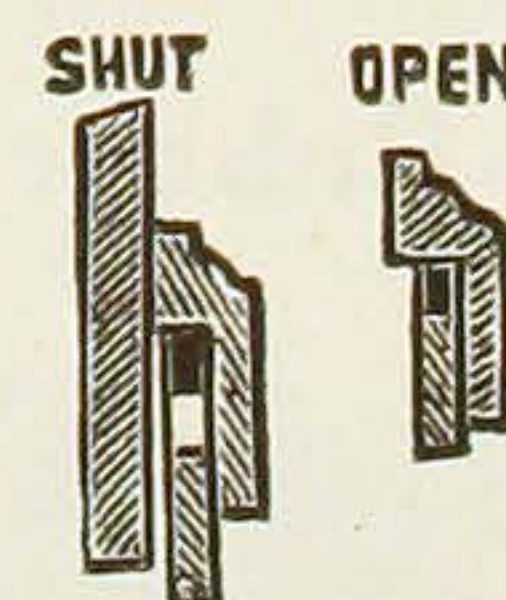
Full instructions for Fixing accompany each Excluder.



As applied to Worn Doorstep.



As applied to Unworn Doorstep.



Keeps out COLD WINDS, WET and DUST.
It will fit ANY Doorstep no matter how much worn.
For either Outer or Inner Doors.

It is Self-Acting and will Clear any Carpet, Linoleum, etc.

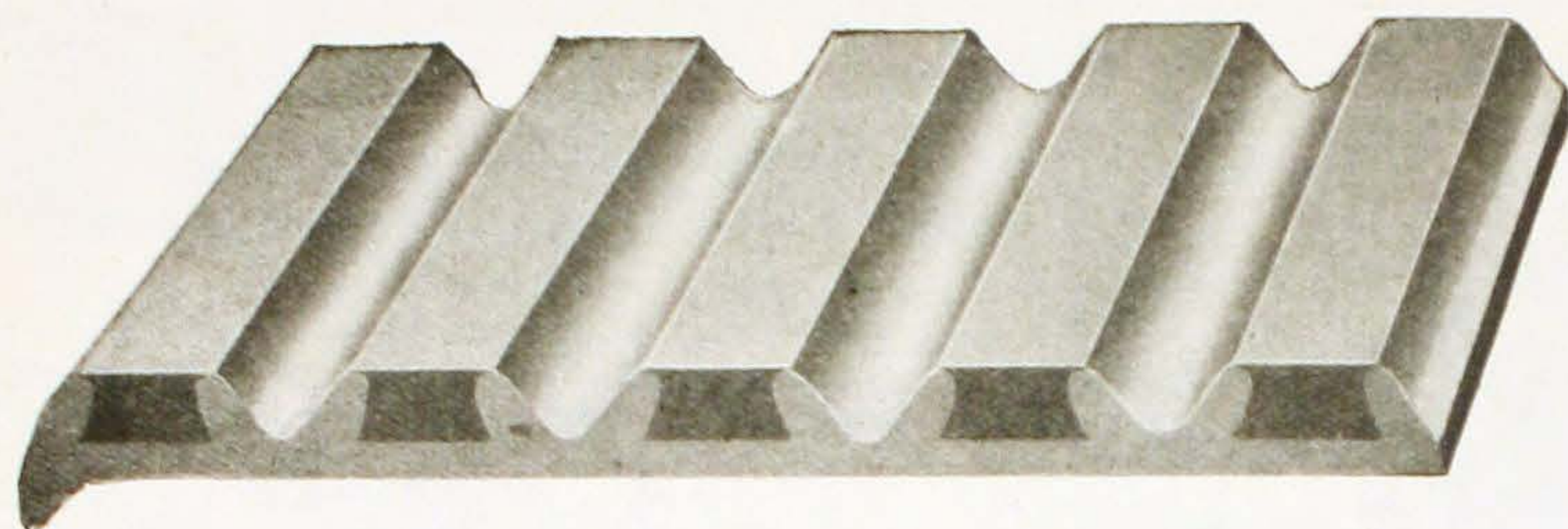
Once properly fixed it requires no further attention, and cannot get out of order.

No. PHS 9582 To suit doors measuring:—

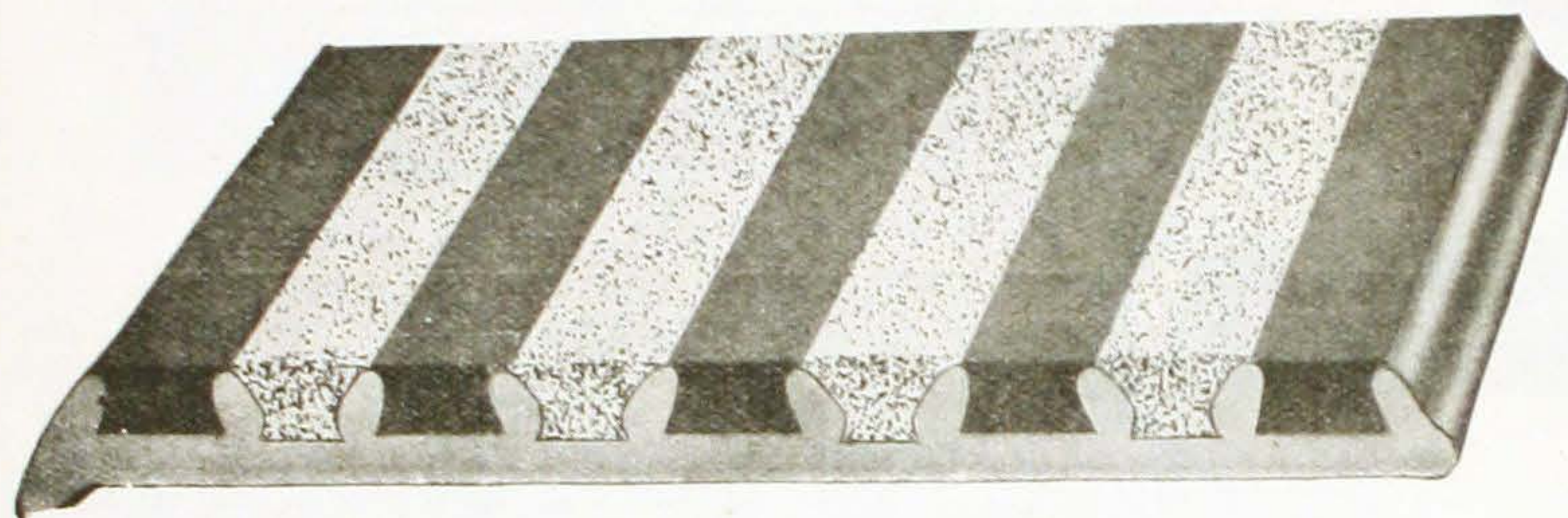
2' 6" to 3' 0" 4/6 3' 3" 4/9 3' 6" 5/- 3' 9" 5/6 4' 0" 6/- each.

Postage 1/- extra.

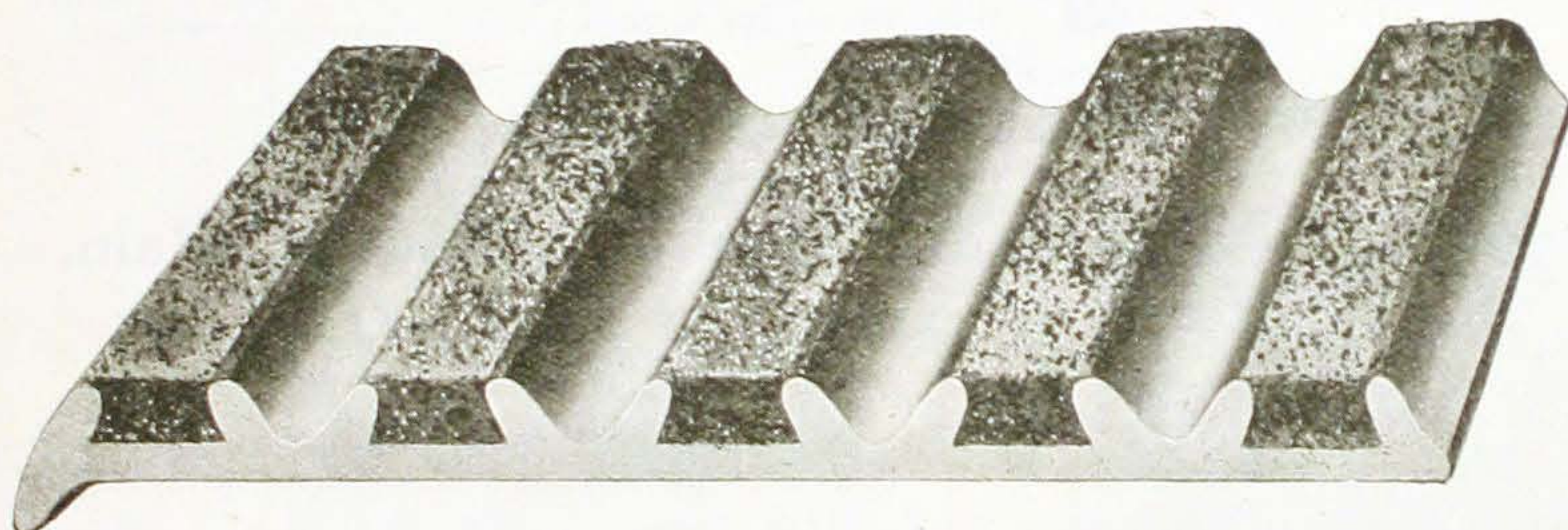
Patent Non-Slipping Stair Treads



No. PHO 9209 STEEL AND LEAD.



No. PHO 9212 STEEL AND CARBORUNDUM.



No. PHO 9207 STEEL AND CARBORUNDUM.

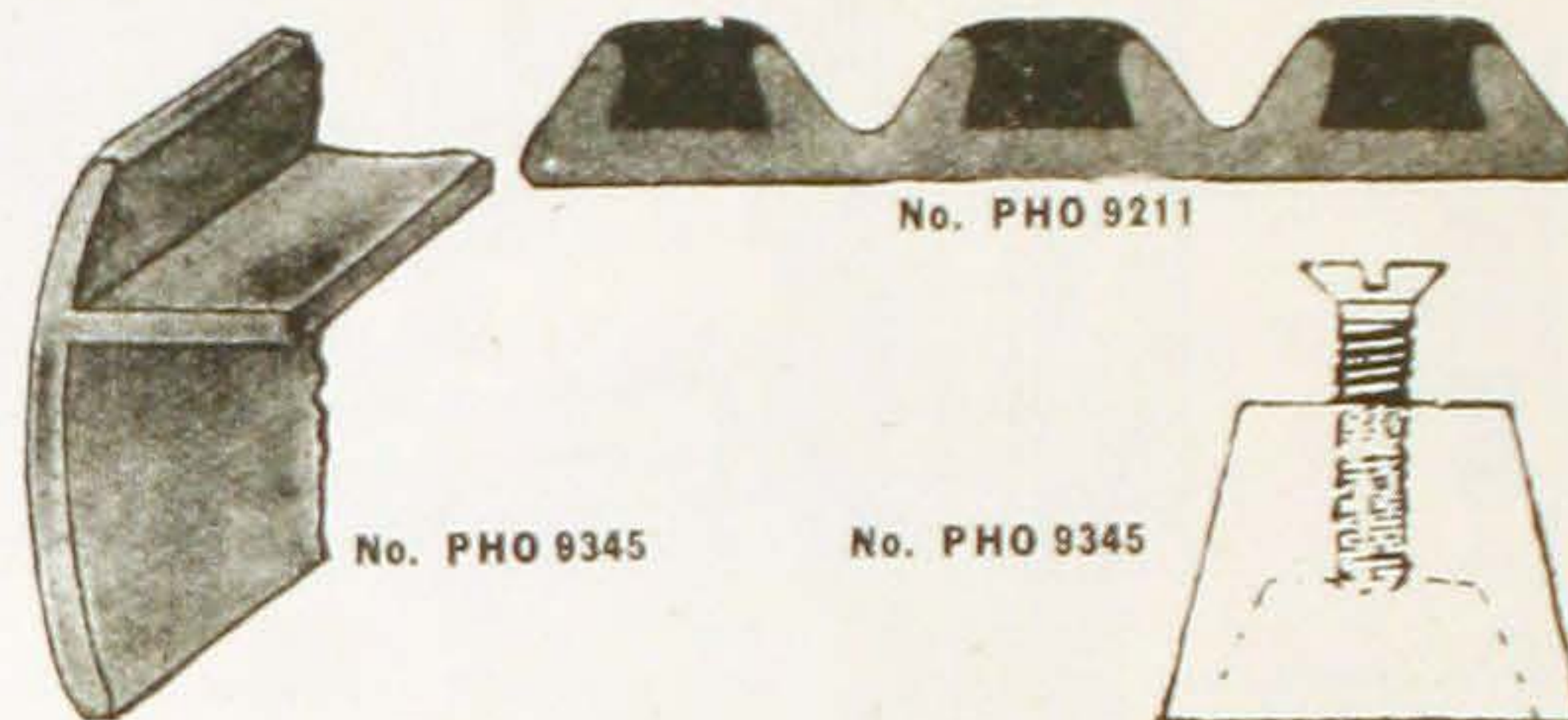


No. PHO 9208 STEEL AND LEAD WITH BRASS NOSING.

Can be fixed to new or worn stone, concrete, or iron stairs.

Supplied to all Government Departments, L.C.C., all Railway Companies, at home and abroad, and most Metropolitan and Provincial Corporations.

This is the **safest, most durable** and comfortable stair tread in existence.



PRICES.

No. PHO 9211 2" Filling Strip, Steel and Lead, or Steel and Carborundum.
Lead filled 2/6 per lineal foot.
Carborundum filled 1/6 " "

No. PHO 9345 Brass Nosing fitted to any section. 2/9 per lineal foot.

No. PHO 9345 Dowels and Screws for Stone or Concrete Steps, 4d. each.

No. PHO 9209 Holes drilled and C.S.K. for Wood or Iron Stairs.
2 3/4" 4" 5 1/2" 6" 8" 10" 12"
3/- 5/- 7/- 7/7 10/- 12/7 15/1 per lineal foot.
With Dowels and Screws for Stone or Concrete Steps.
3/3 5/5 7/2 7/11 11/- 13/5 15/11 per lineal foot.

No. PHO 9212 Holes drilled and C.S.K. for Wood or Iron Stairs.
4" 5 1/2" 6" 8" 10" 12"
5/10 8/3 8/11 11/8 14/7 17/6 per lineal foot.
With Dowels and Screws for Stone or Concrete Steps.
6/- 8/6 9/4 12/7 15/6 18/6 per lineal foot.
1 1/2" deep Brass Nosing fitted at 2/6 per lineal foot extra.

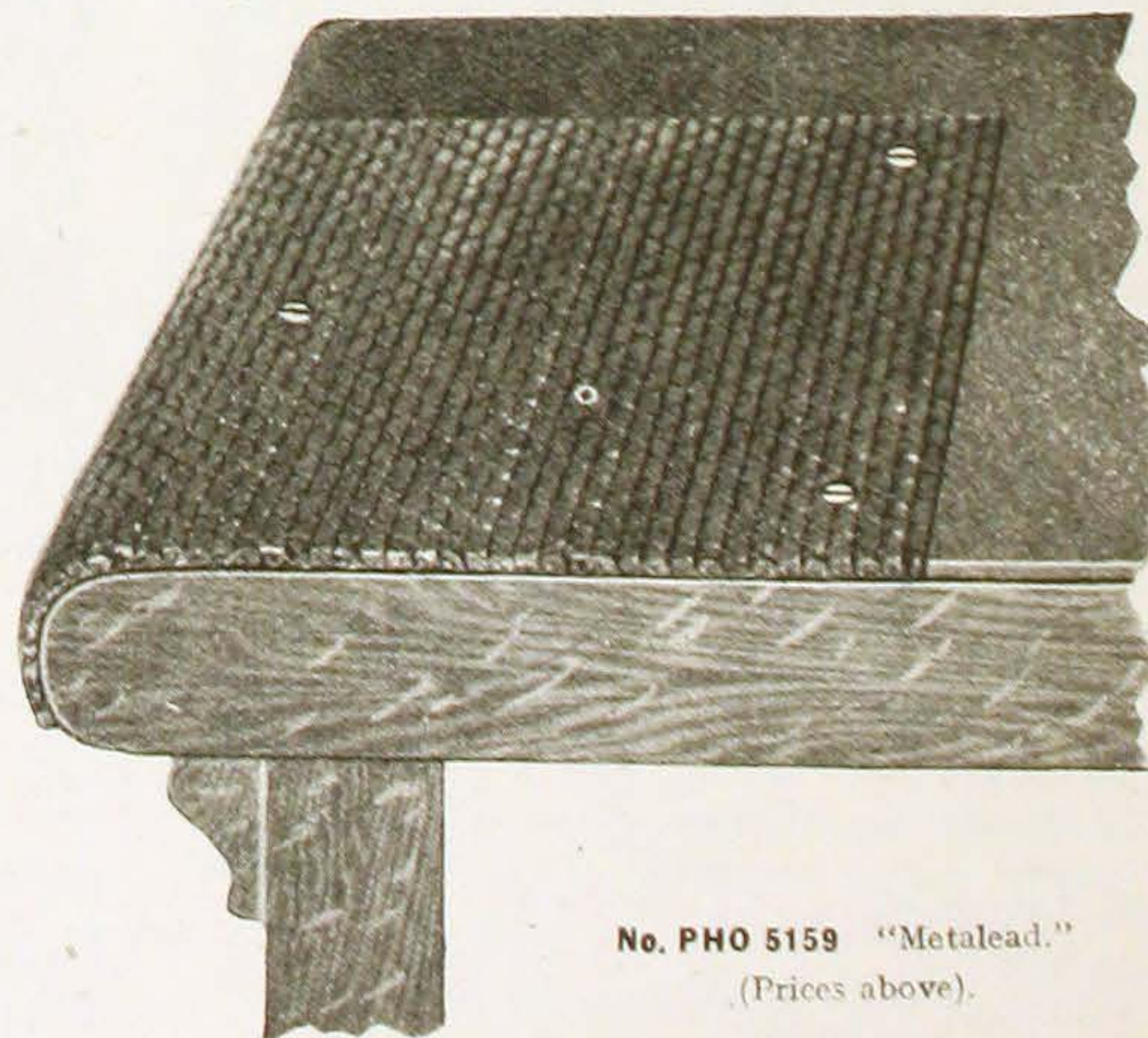
No. PHO 9207 Holes drilled and C.S.K. for Wood or Iron Stairs.
4" 5 1/2" 6" 8" 10" 12"
3/- 4/1 4/5 6/- 7/5 8/11 per lineal foot.
With Dowels and Screws for Stone or Concrete Steps.
3/4 4/5 5/- 6/10 8/4 9/11 per lineal foot.

No. PHO 9208 Holes drilled and C.S.K. for Wood or Iron Stairs.
2" 4" 5 1/2" 6" 8" 10" 12"
5/- 7/6 9/4 10/- 12/7 15/1 17/6 per lineal foot.
With Dowels and Screws for Stone or Concrete Steps.
5/3 7/9 9/9 10/5 13/5 15/11 18/5 per lineal foot.

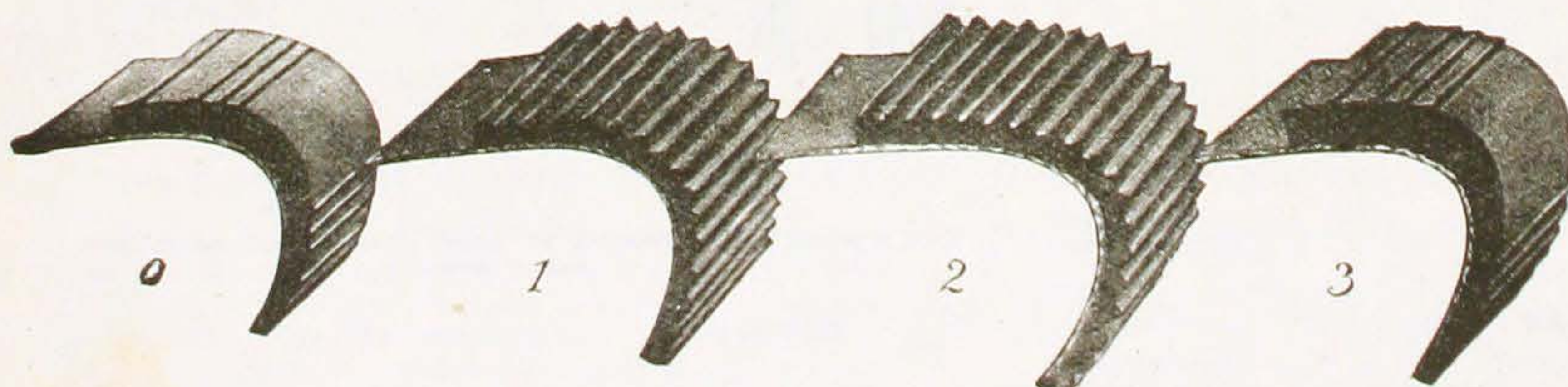
No. PHO 9261
Pattern No. 0 Grey only, 2" wide 1/- per foot.
" " 1 Grey 2" wide, corrugated 1/- " "
" " 1 Brown, 2" 1/2 " "
" " 1A Grey, 1/8" thick 1/2 " "
" " 1A Brown or white 1/6 " "
" " 2 Grey, 2 1/4" wide, corrugated 1/4 " "
" " 2 Brown 1/6 " "
" " 3 Grey, 2 1/4" wide 1/- " "

No. PHO 5159 "METALEAD" STAIR TREAD.
Treads 24" 27" 30" 33" 36" 39" 42" 45" 48" long. *Odd lengths.
Width overall, including Nosing :-
3" 6/7 7/7 8/6 9/2 10/- 10/10 11/6 12/3 13/2 3/4 each.
4 1/2" 10/- 11/3 12/3 13/2 14/4 15/6 16/6 17/6 18/8 5/- " "
6" 12/7 14/5 15/9 17/4 18/8 20/3 21/9 23/4 24/8 6/3 " "
7 1/2" 15/9 18/- 19/7 21/4 23/1 25/- 27/- 29/- 31/- 7/11 " "

*Odd Lengths can be supplied up to 4' long, but greater lengths are made up in two pieces, with Butt Joints at per foot run.

No. PHO 5159 "Metalead."
(Prices above).

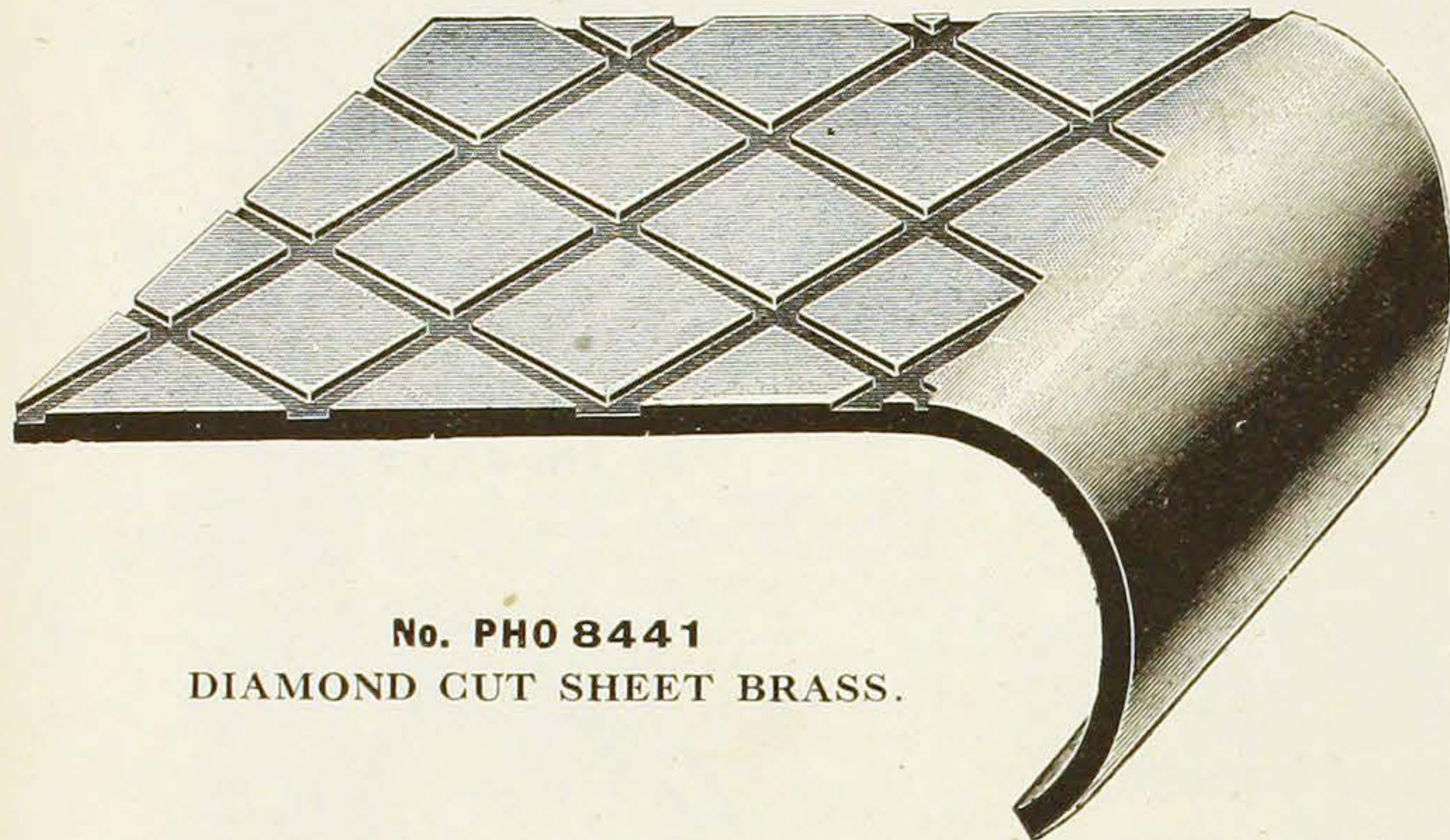
Curved India-Rubber Stair Nosings



No. PHO 9261 In 9' Lengths, Dark Grey, Brown and Green Rubber. (Prices above).

Step Plates and Stair Treads.

Brass.



No. PHO 8441
DIAMOND CUT SHEET BRASS.

3" long, 1" nose.
15W.G. 4/10

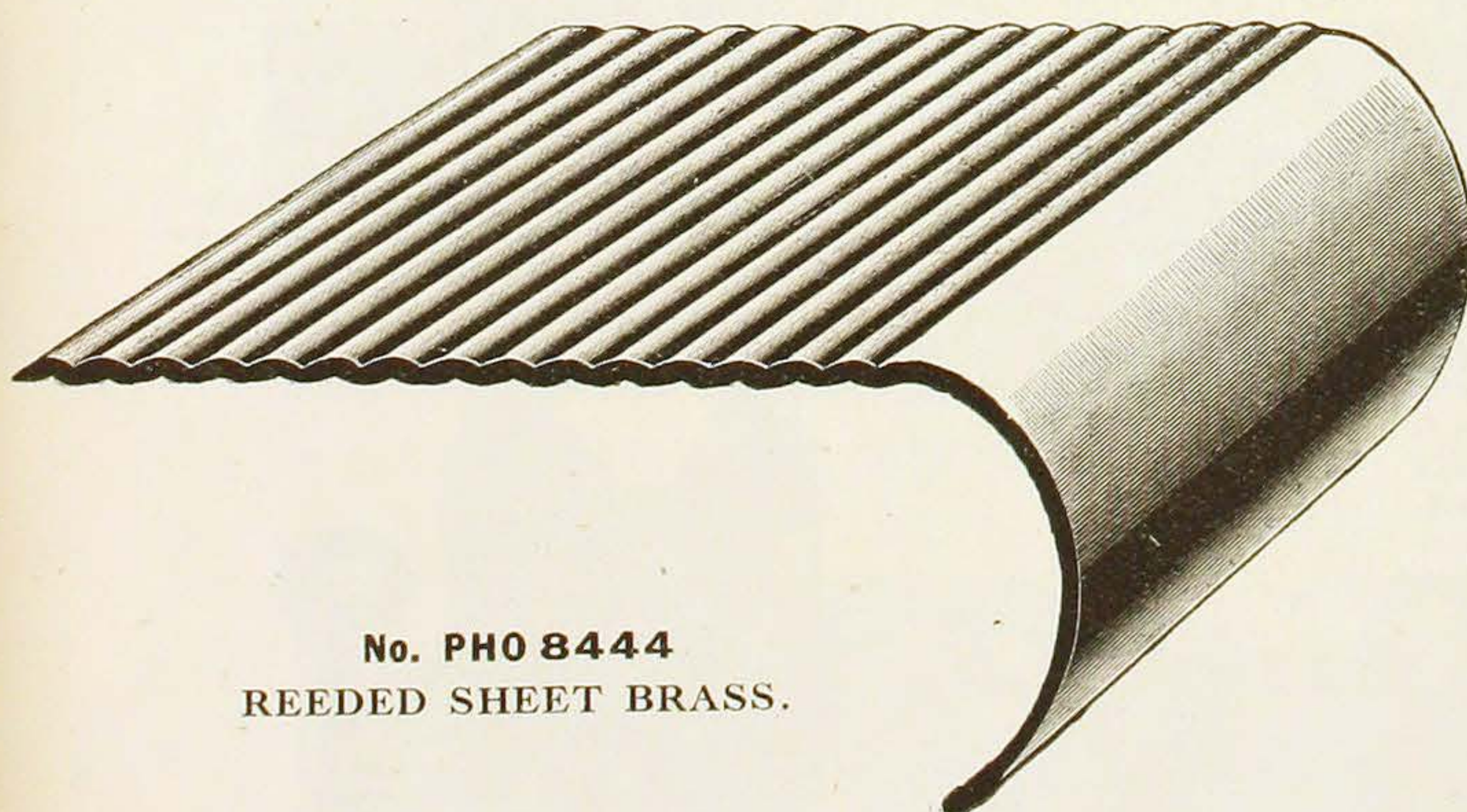
3½" long, 1¼" nose.
5/8 per foot.



No. PHO 8442
PLAIN SHEET BRASS.

3" long, 1" nose.
15 W.G. 5/3

3½" long, 1¼" nose.
6/2 per foot.



No. PHO 8444
REEDED SHEET BRASS.

2" long, 1" nose.
16W.G. 2/2

3" long, 1¼" nose.
3/1 per foot.

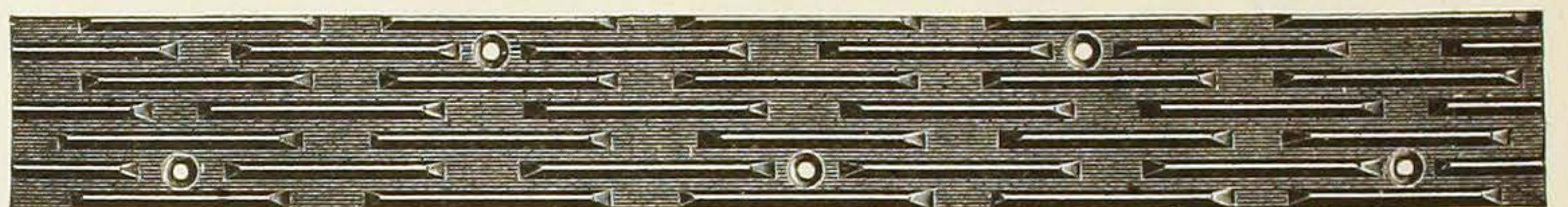
Stair Treads.

Cast, Malleable or Wrought Iron.



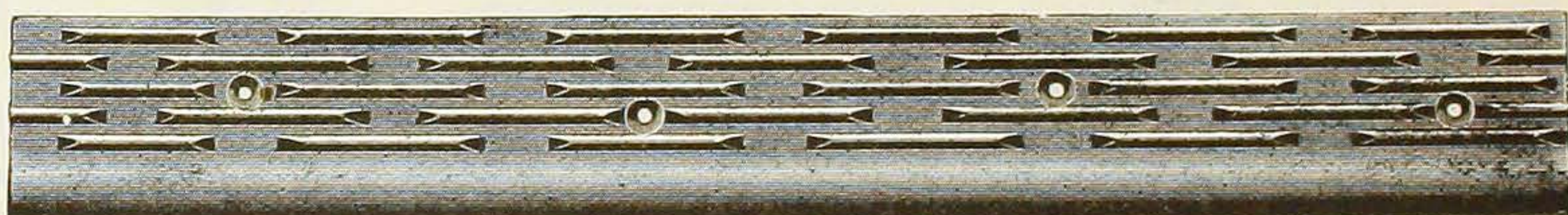
No. PHO 5160 Without Nosing.

1½" wide	...	12"	15"	18"	21"	24"	27"	30"
Black	...	1/-	1/2	1/6	1/9	2/2	2/8	3/1 each.
Galvanized	...	1/6	1/7	1/11	2/2	2/8	3/3	3/8 "
2" wide	...							
Black	...	1/6	1/9	2/2	2/6	2/11	3/6	4/1 "
Galvanized	...	1/9	2/2	2/8	2/11	3/6	4/5	5/3 "



No. PHO 8883 Without Nosing.

2¾" wide	...	12"	15"	18"	21"	24"	27"	30"
Black	...	1/9	2/-	2/8	3/3	3/9	4/5	5/3 each.
Galvanized	...	2/3	2/6	3/3	4/1	4/8	5/3	6/2 "
2" wide	...							
Black	...	1/6	1/9	2/3	2/6	3/-	3/6	4/1 "
Galvanized	...	1/9	2/3	2/8	3/-	3/6	4/5	5/3 "



No. PHO 8884 With Nosing.

2¾" wide	...	12"	15"	18"	21"	24"	27"	30"
Black	...	2/2	2/6	3/-	3/6	4/6	5/3	6/2 each.
Galvanized	...	2/8	3/1	3/6	4/1	5/3	6/2	7/- "
2" wide	...							
Black	...	1/11	2/2	2/6	3/1	3/10	4/6	5/3 "
Galvanized	...	2/2	2/6	3/-	3/6	4/6	5/3	6/2 "



No. PHO 5157 With Nosing, not Malleable.

2½" wide × ⅜"	...	12"	15"	18"	21"	24"	27"	30"
Black	...	2/2	2/8	3/3	3/11	4/10	5/8	6/7 each.
Galvanized	...	3/1	3/6	4/3	5/-	5/10	6/9	7/11 "

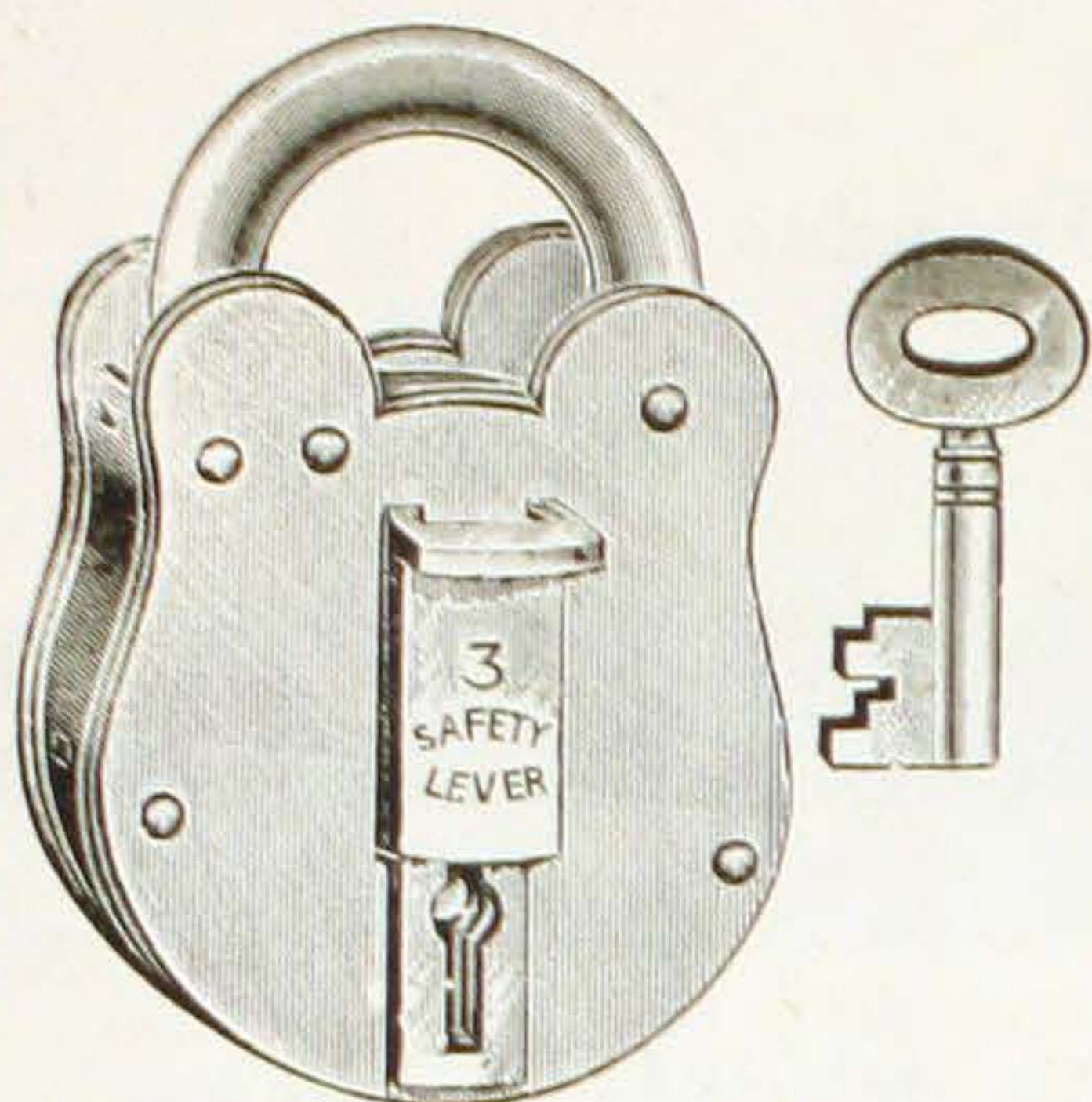


No. PHO 5158 With Nosing, not Malleable.

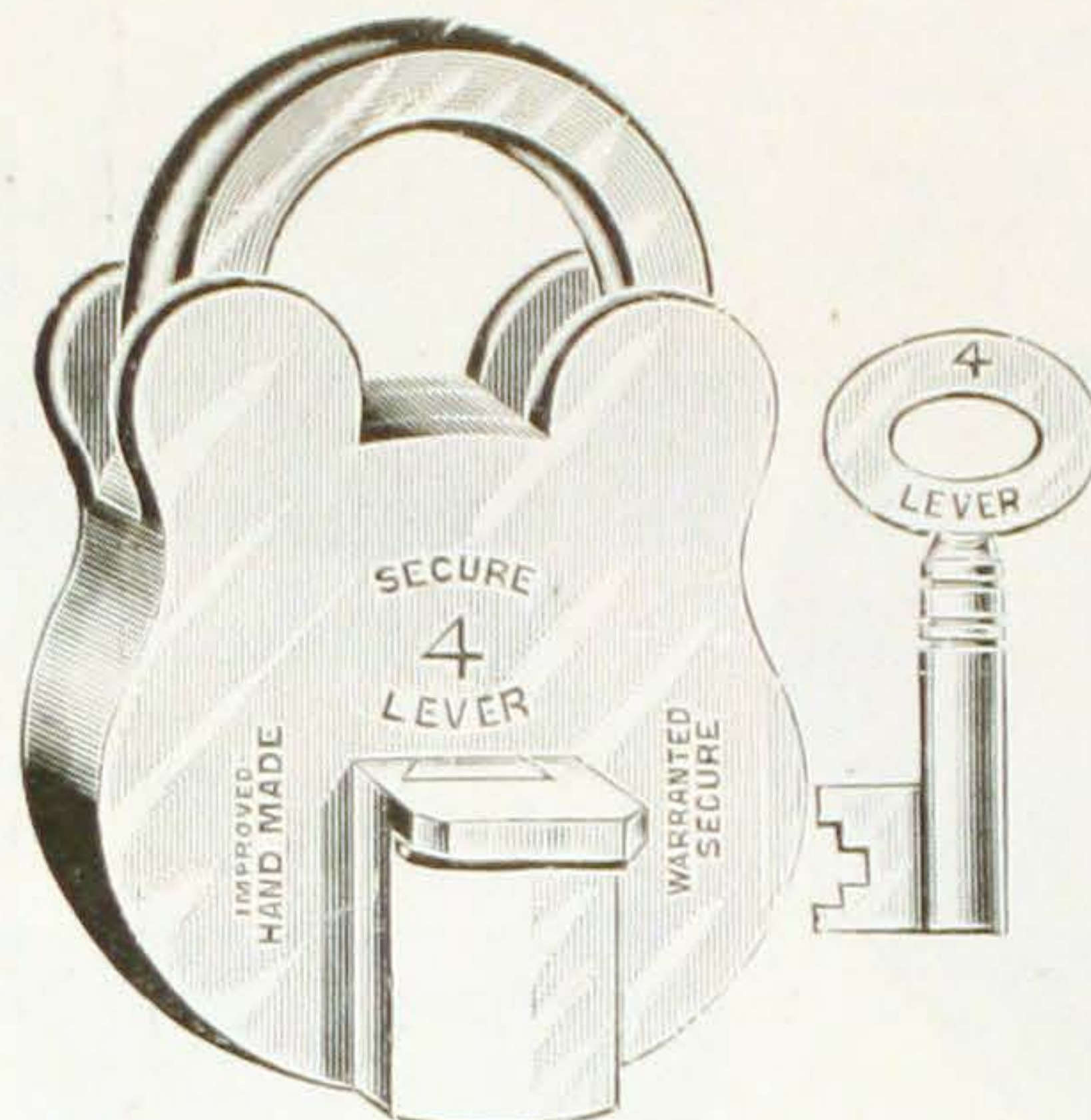
2½" wide × ⅜"	...	12"	15"	18"	21"	24"	27"	30"
Black	...	1/9	2/4	2/11	3/6	4/1	4/8	5/3 each.
Galvanized	...	2/2	2/9	3/6	4/5	5/3	5/10	6/7 "

Brass and Iron Padlocks

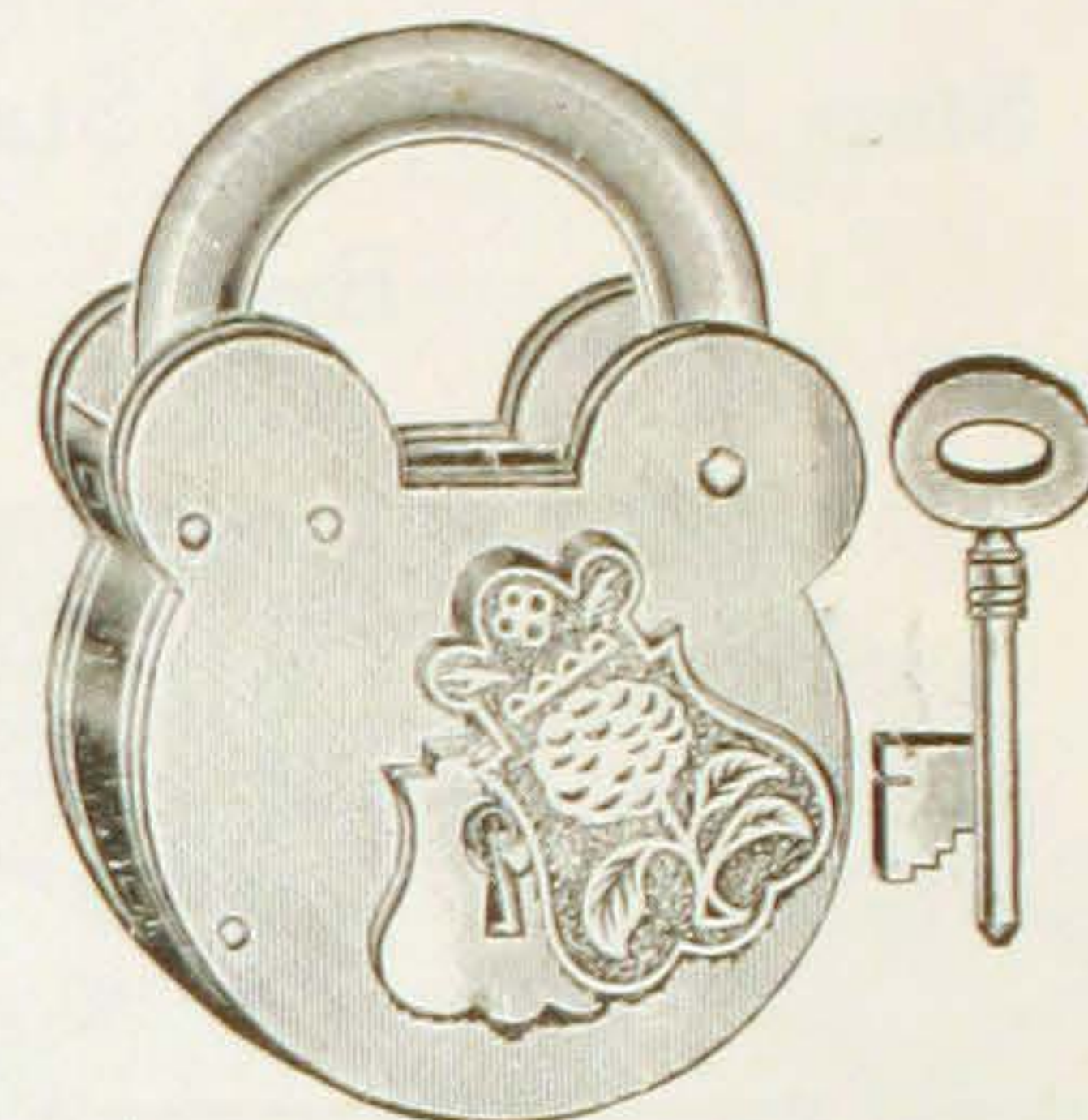
PRICED EACH

**No. PHS 6109**

Double plated, galvanised Padlock, 3 lever, brass slide and bush, two keys. Well made and finished. Strong. All to pass. Extra 1/9 dozen to differ in dozens.

**No. PHS 8455**

Cast brass Padlock, very strong. Two iron keys each.

**No. PHS 6117**

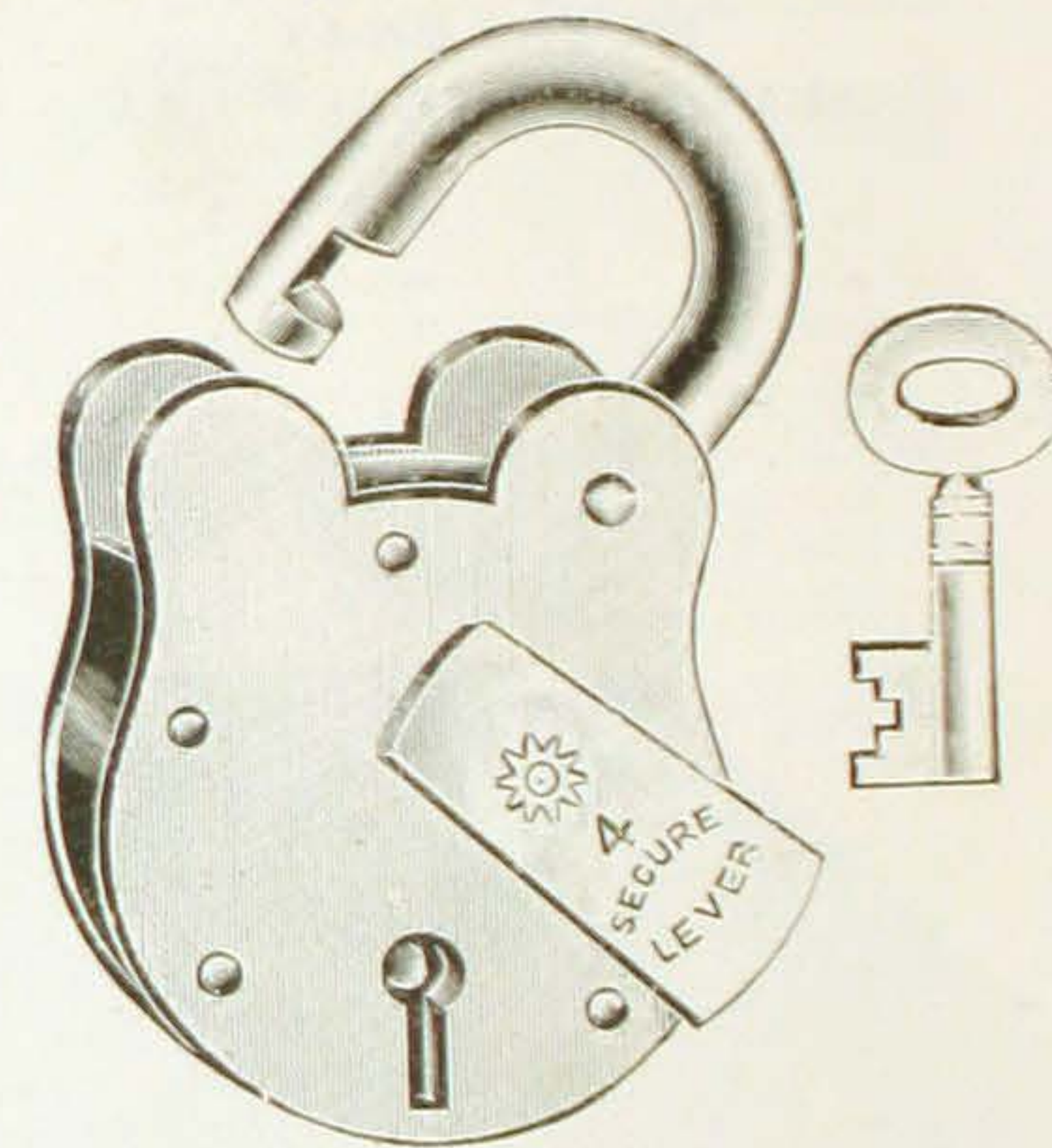
Double plated, galvanised iron, Shut and Tumbler Padlock, brass ward, brass drop and bush, two nickel-plated keys. Well made and nicely finished. All to pass. Extra 1/9 dozen to differ in dozens.

**No. PHS 8453**

Strong galvanised close shackle Padlock. Best make, Two keyed.

**No. PHS 8451**

Strong galvanised Padlock, close fitting shackle, four lever, two keys to each. Owing to the lack of space on bar or staple, tool cannot be used to force open.

**No. PHS 6085**

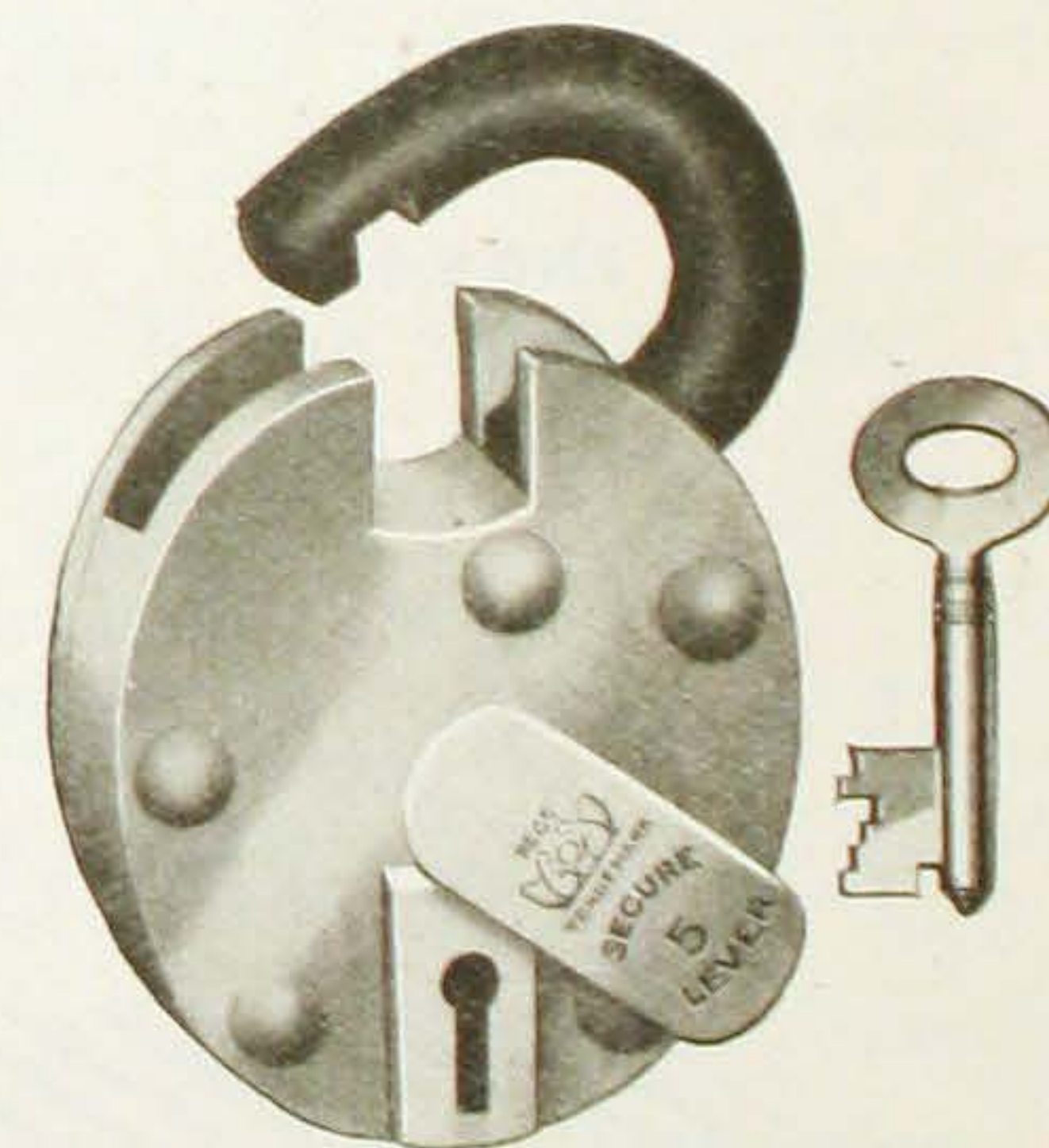
Strong galvanised Padlock, four lever, brass drop, all brass levers. To pass or differ in dozens.

**No. PHS 8456**

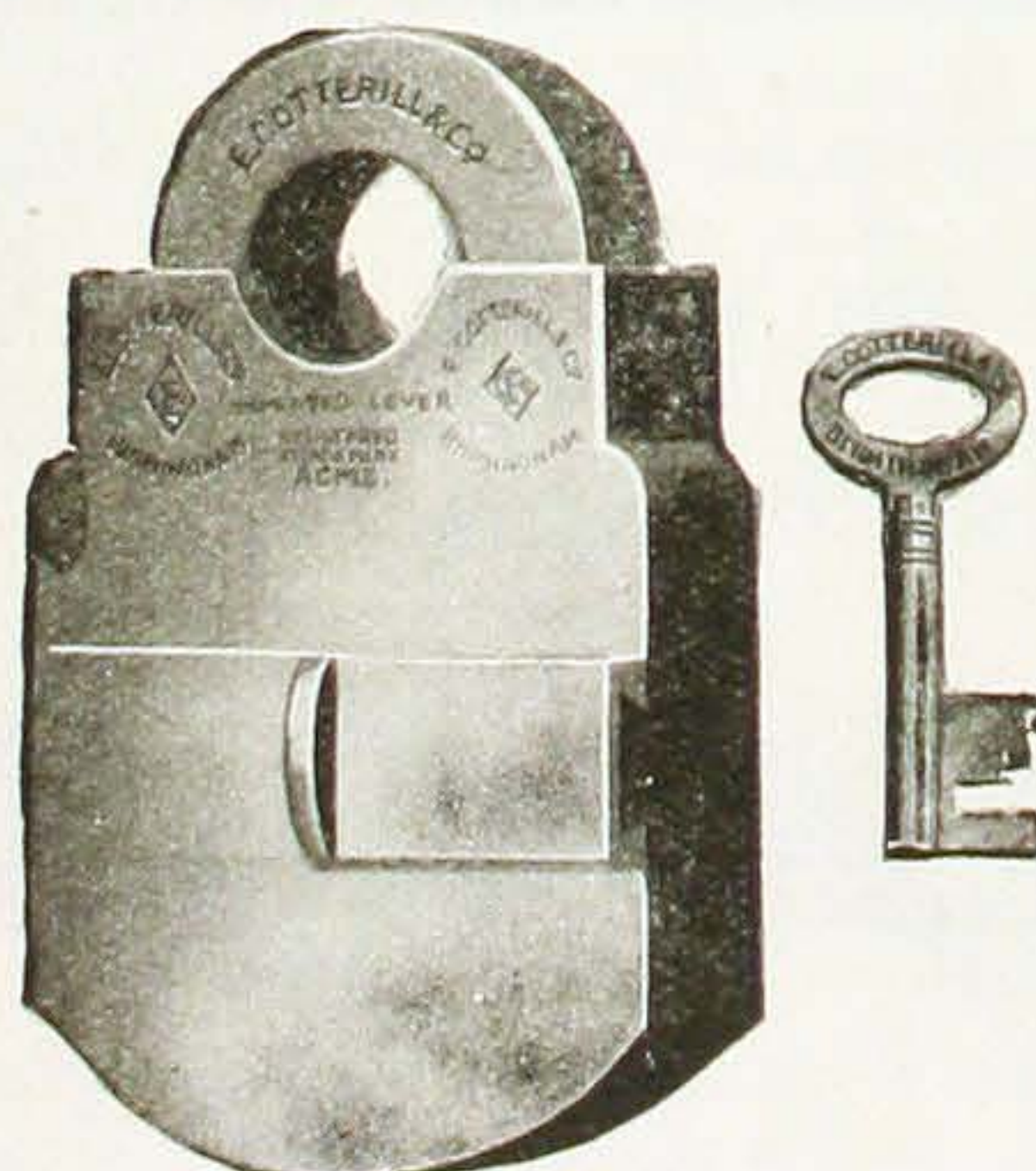
Galvanised extra strong Insurance Padlock. Best quality patented four lever, case hardened, patent steel shackle. Thoroughly reliable.

**No. PHS 8452**

Galvanised or japanned iron Padlock, Hobb's pattern shackle. Two keyed. In malleable iron cases. Strong.

**No. PHS 8454**

Extra strong galvanised Padlock, five lever, two Pin Keys each. Case hardened steel shackle. Malleable iron case.

**No. PHQ 6100**

These Locks are very secure and far stronger than any made on the old principle, the shackle being made to slide into the lock. There is no pin to knock out as in the ordinary padlocks.

Two keys to each. Extra keys 4/- each.

No. PHQ 6100 Japanned Iron 4 lever.

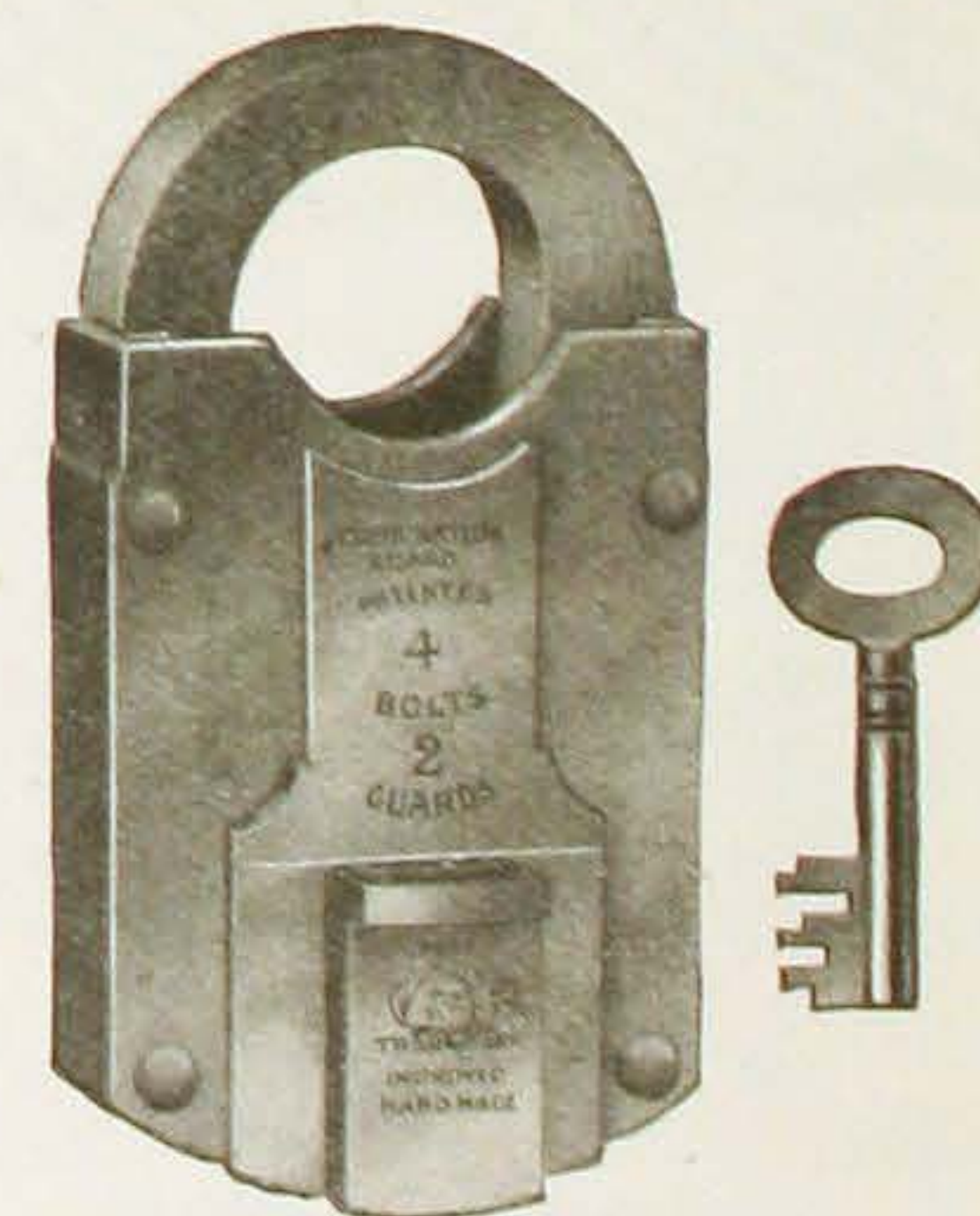
No. PHQ 6101 " " 6 "

No. PHQ 6102 Brass " 4 "

No. PHQ 6103 " " 6 "

		PRICES EACH.					
		1 1/4"	1 1/2"	2"	2 1/4"	2 1/2"	3"
PHS 6109	...	...	...	3/6	—	3/9	4/9
PHS 8455	2 lever	3/8	3/8	4/6	5/2	5/6	7/9
	4 "	4/8	4/8	5/6	6/2	6/6	8/9
PHS 6117	...	...	...	3/2	—	3/6	4/4
PHS 8453	2 lever	...	...	4/6	—	5/9	—
	4 "	...	...	5/3	—	6/8	—
PHS 8451	...	...	...	5/9	—	7/-	—
PHS 6085	...	...	...	4/2	—	4/6	6/-
PHS 8456	...	...	...	—	—	16/3	—
PHS*8452	2 lever	...	...	3/4	—	4/2	5/2
	4 "	...	...	4/4	—	5/2	6/2
PHS 8454	...	...	...	—	—	7/6	—
PHQ 6100	...	...	...	20/4	—	25/-	29/-
PHQ 6101	...	...	...	25/-	—	31/-	34/2
PHQ 6102	...	...	...	26/3	—	31/-	36/9
PHQ 6103	...	...	...	29/8	—	36/2	41/4
PHS 8450	3 " x 2 1/4" 4 bolts, 2 guards, Galv.	8/-	—	—	—	Brass 10/6	—
	2 1/2 " x 2 1/4" 3 bolts, 2 guards, Galv.	5/3	—	—	—	Brass 8/-	—

PHS—Stock Line ; *Stocked in Galvanised Finish only ;
PHQ—Quick delivery.

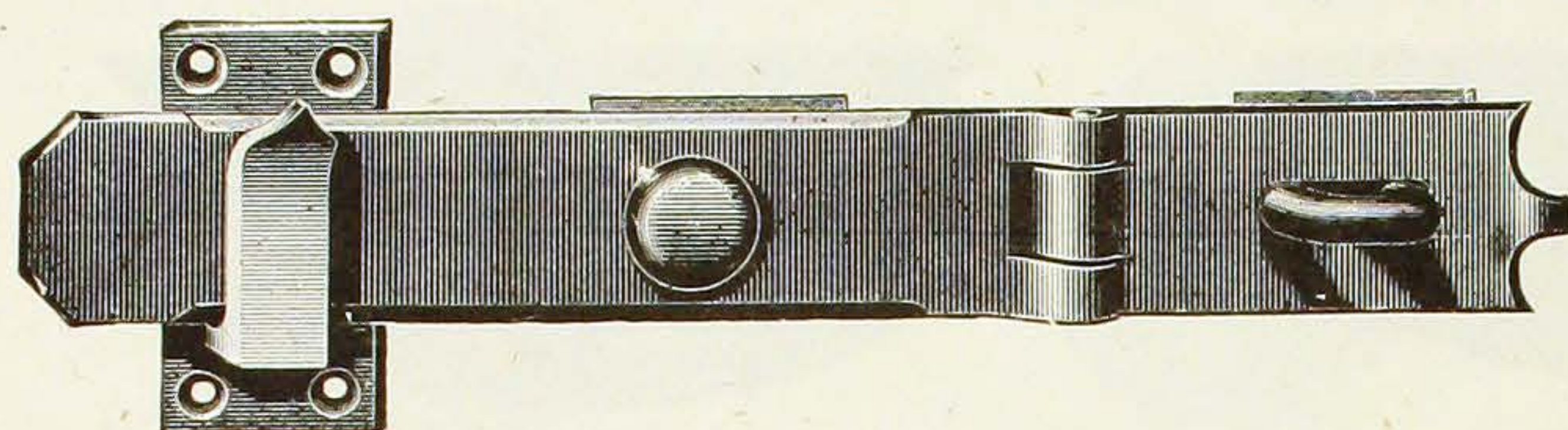
**No. PHS 8450**

Extra strong, self locking, with patent bolt and guard action. Two keys.

" B " Basis.

Locking Bars, Finger and Kicking Plates, etc.

*Stocked only in Black.

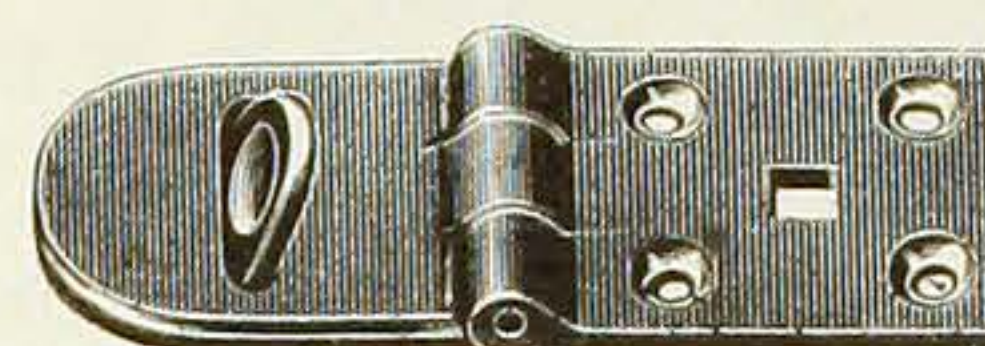
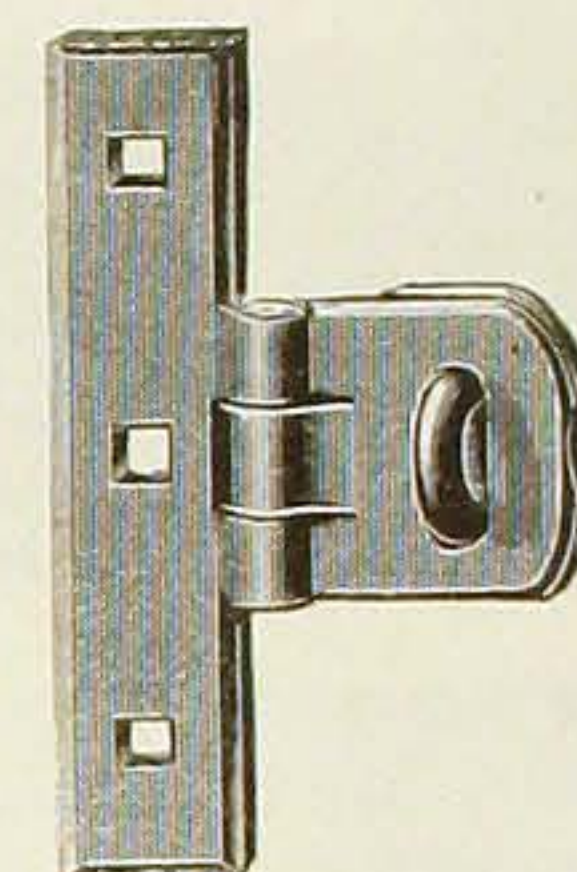


No. PHS*6213		12" x 1 1/2"	14" x 1 1/2"	16" x 2"	18" x 2 1/2"	20" x 2 1/2"	24" x 2 1/2"	30" x 2 1/2"	36" x 2 1/2"
Size	Black	42/-	52/6	66/6	105/-	113/9	147/-	175/-	210/- dozen.
	"	3/8	4/6	5/9	9/-	9/8	12/6	14/9	17/9 each.
	Galvanized	52/6	64/9	87/6	131/3	148/9	178/6	206/6	252/- dozen.
	"	4/6	5/7	7/6	11/2	12/7	15/2	17/6	21/4 each.

No. PHS*6366

Size 5" x 3 1/4" x 1 1/8"

Black	17/6 dozen.
"	1/8 each.
Galvanized	22/- dozen.
"	2/- each.



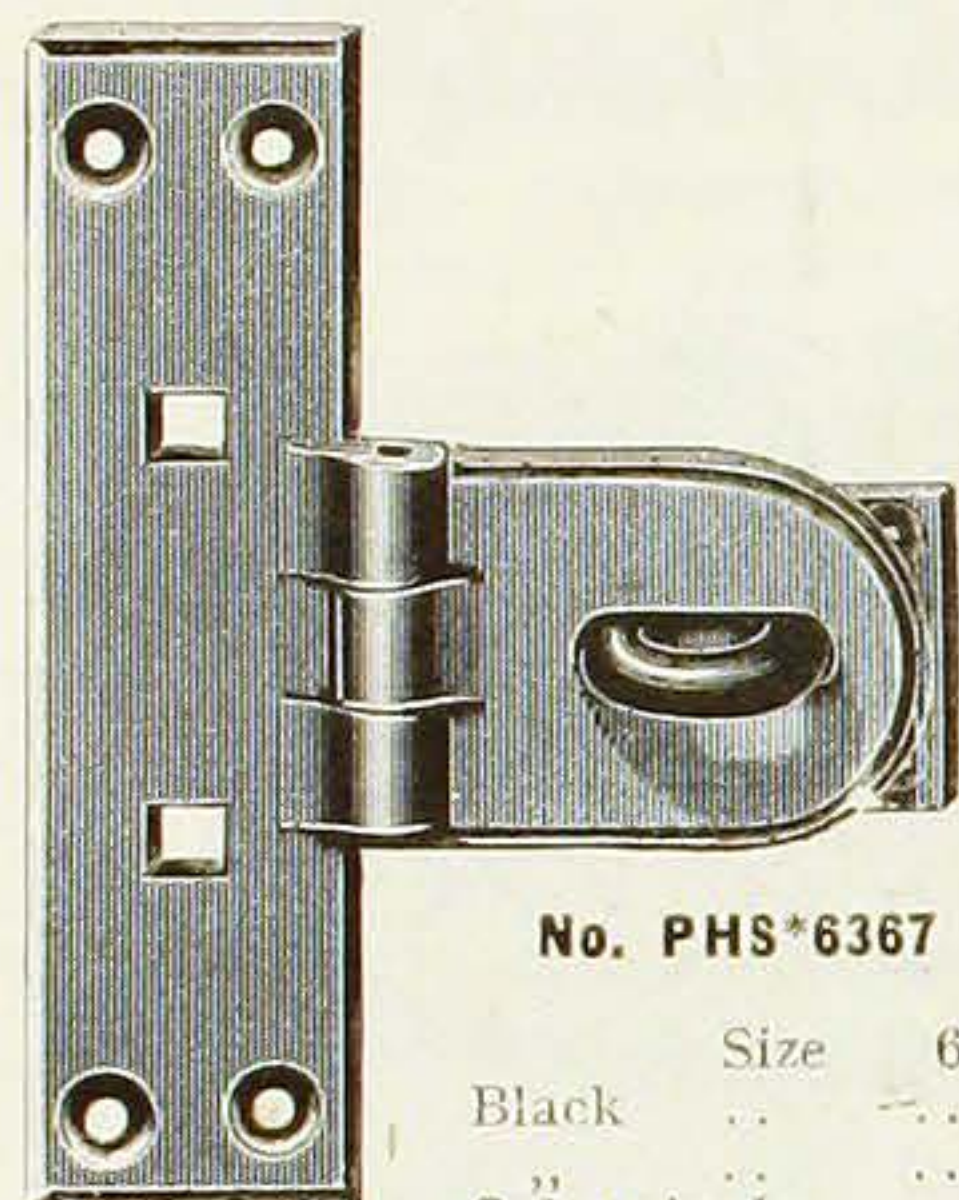
No. PHS*6368

Size	6" x 2 1/4"	8" x 2 1/4"	10" x 2 1/4"
Black	24/6	29/9	35/- dozen.
"	2/2	2/8	3/2 each.
Galvanized	29/9	35/-	42/- dozen.
"	2/8	3/2	3/8 each.

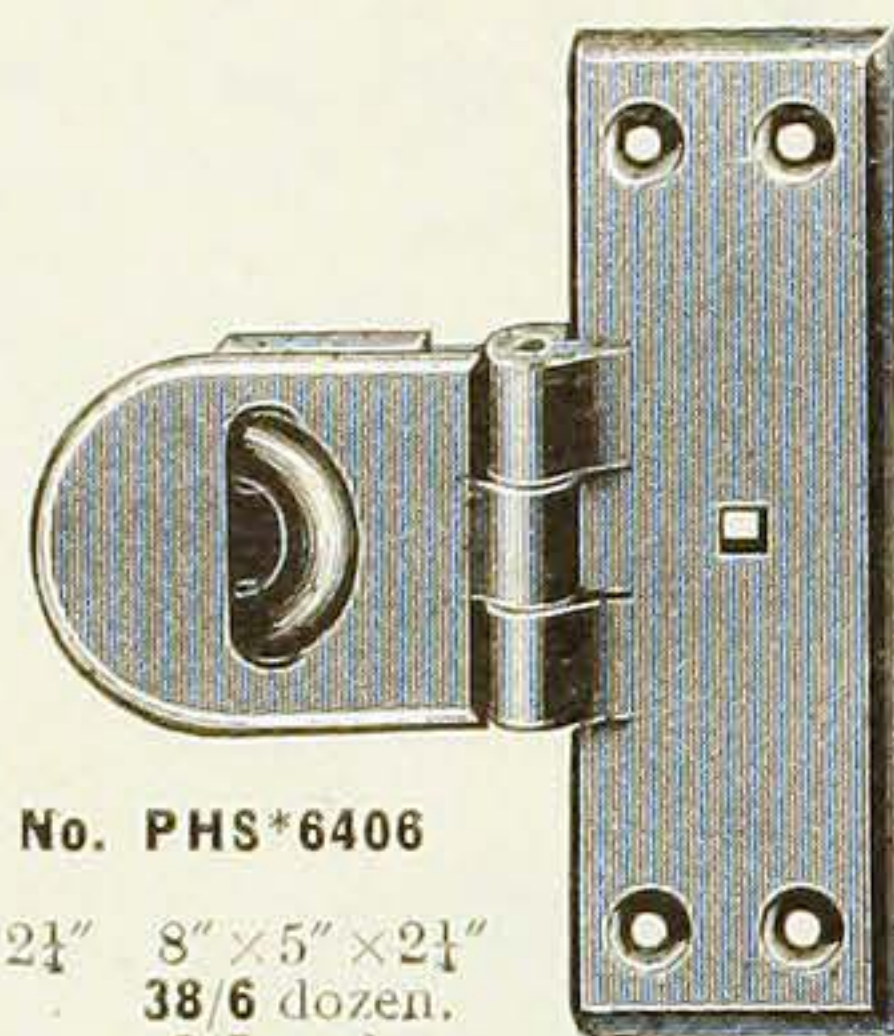
No. PHS*6369

Size 9"

	dozen.	each.
Black	19/3	1/9
Galvanized	24/6	2/2
Brass	49/-	4/3

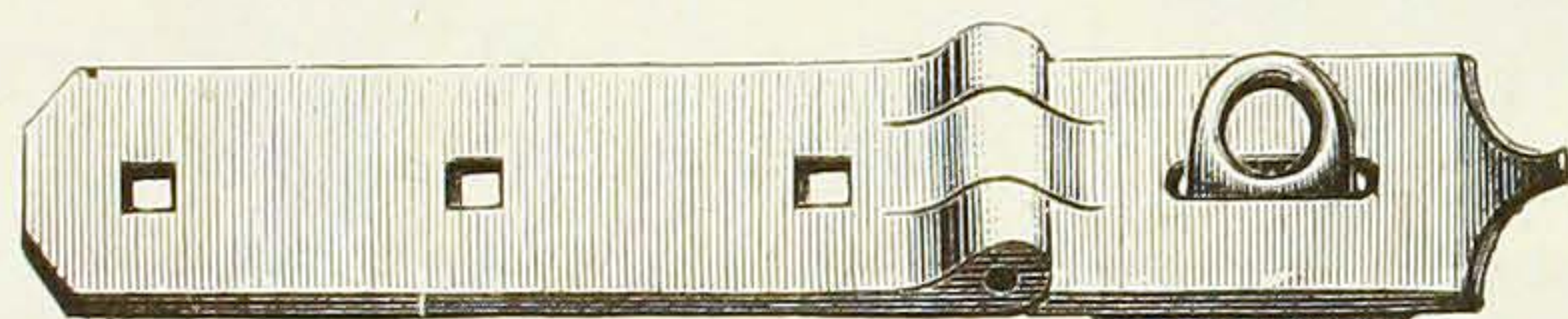


No. PHS*6367



No. PHS*6406

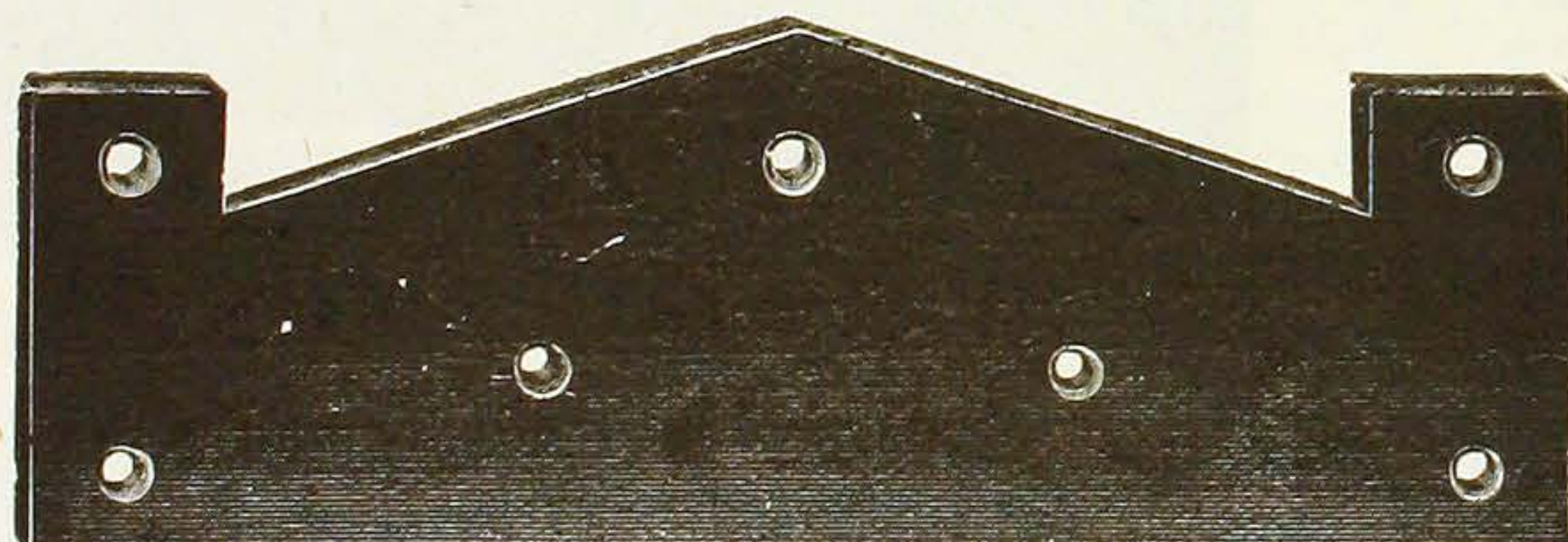
Both Same Price.		6" x 5" x 2 1/4"	7" x 5" x 2 1/4"	8" x 5" x 2 1/4"
Size	Black	31/6	35/-	38/6 dozen.
	"	2/10	3/2	3/5 each.
	Galvanized	40/3	43/9	50/9 dozen.
	"	3/7	3/10	4/4 each.



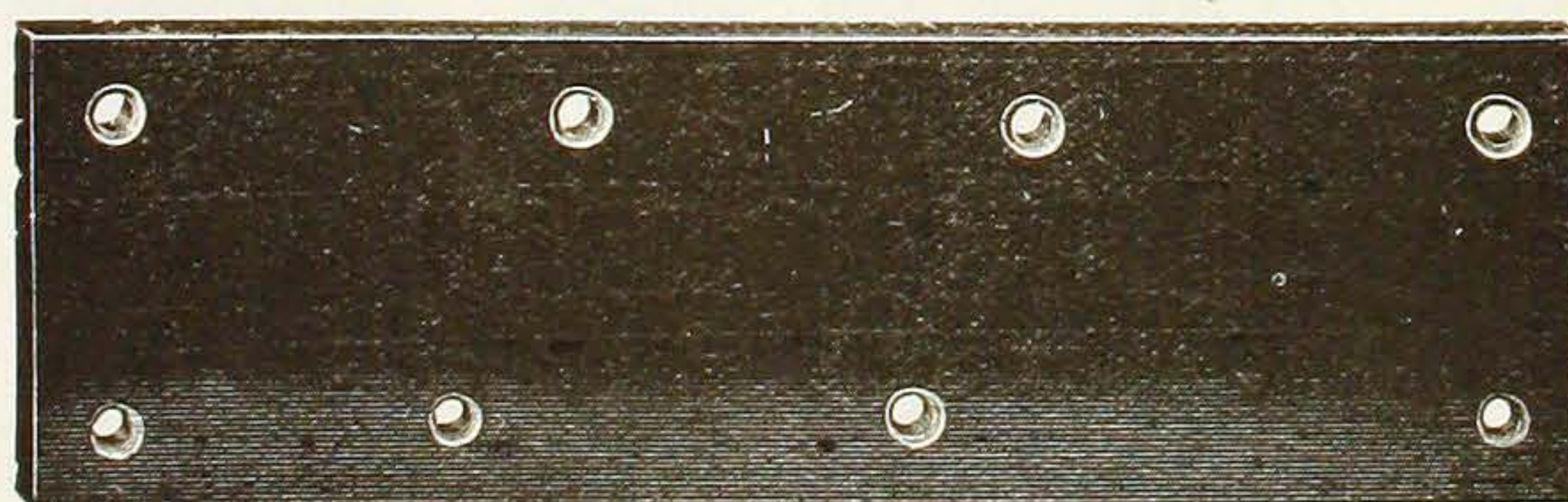
No. PHS*6211

Size	6" x 1 1/2"	8" x 1 1/2"	9" x 1 1/2"	10" x 1 1/2"	12" x 1 1/2"	14" x 1 1/2"	16" x 2"	18" x 2 1/2"	20" x 2 1/2"
Black, dozen	18/6	26/3	27/3	29/9	35/-	38/6	54/3	73/6	87/6
each	1/8	2/4	2/6	2/8	3/2	3/5	4/9	6/4	7/6
Galvanized doz.	22/9	31/6	32/6	36/9	43/9	49/-	66/6	91/-	108/6
" each	2/-	2/9	2/10	3/3	3/10	4/3	5/9	7/9	9/3

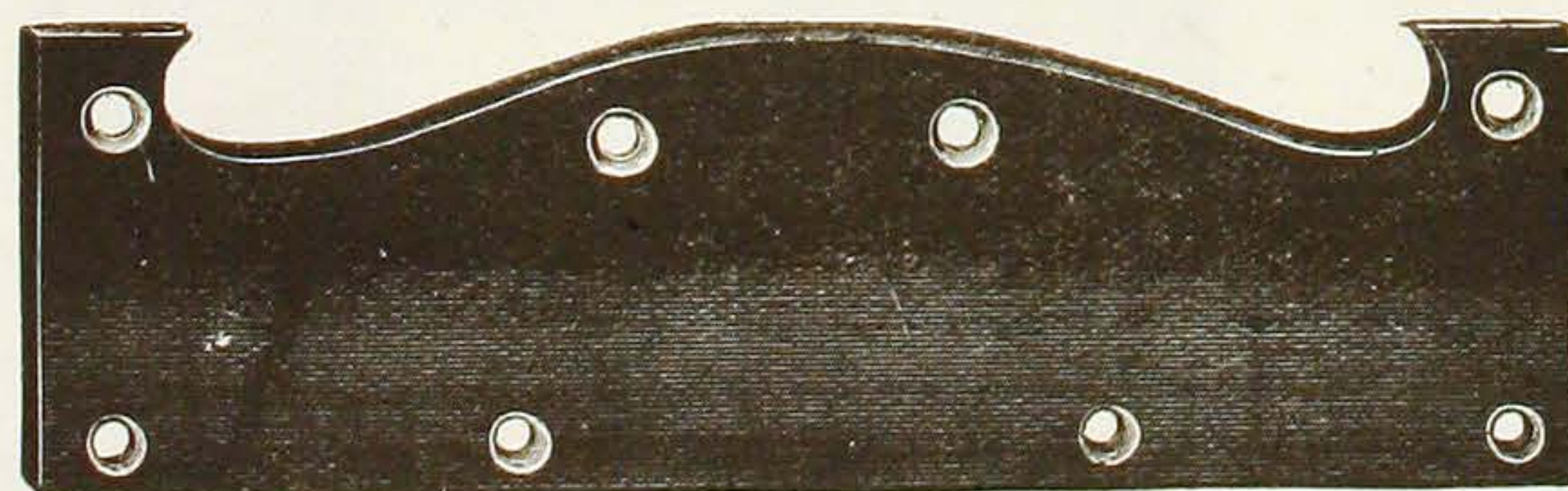
KICKING PLATES



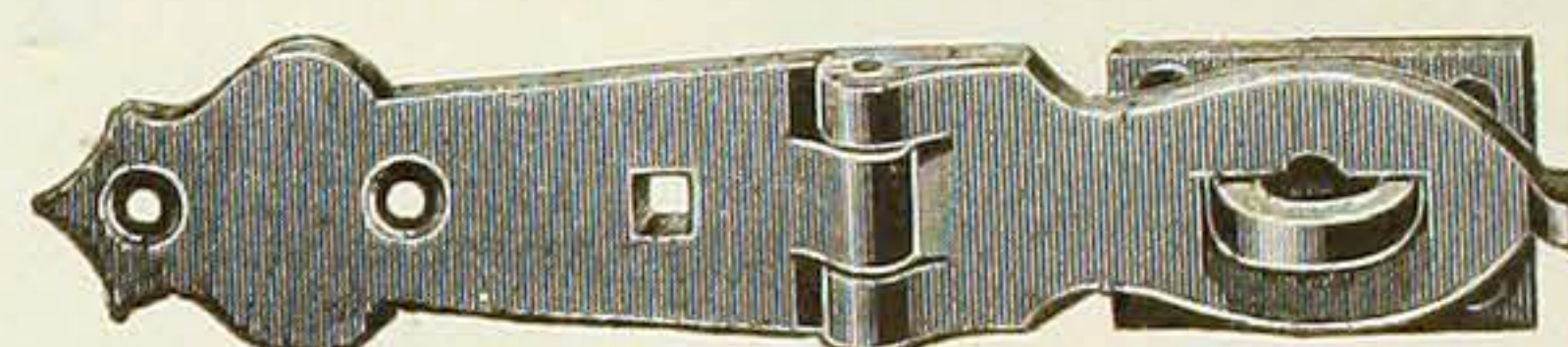
No. PHO 6724 30" x 8" x 14G.	
Parwinac B.B. Finish (R.R.)	12/3 each.
Sheradized Berlin Black	14/-



No. PHO 6725 30" x 8" x 14G.	
Parwinac B.B. Finish (R.R.)	7/- each.
Sheradized Berlin Black	8/9



No. PHO 6726 30" x 8" x 14G.	
Parwinac B.B. Finish (R.R.)	13/2 each.
Sheradized Berlin Black	15/-

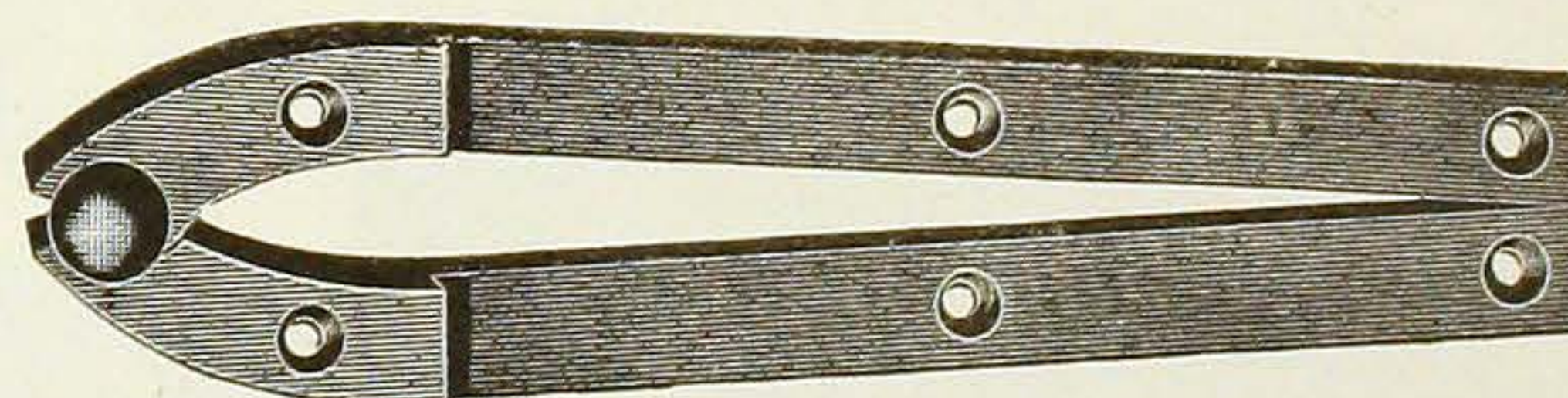


No. PHS*6210

Size	6"	8"	9"	10"	11"
Black	10/6	14/-	19/3	22/-	23/8 dozen.
"	1/-	1/3	1/9	2/-	2/2 each.
Galvanized	13/2	17/6	24/6	27/2	29/- dozen.
"	1/2	1/8	2/3	2/6	2/8 each.
Brass	23/9	32/9	49/-	53/6	56/6 dozen.
"	2/2	2/10	4/3	4/8	5/- each.

TRESTLE HINGES

Strong. Wrought Iron.



No. PHQ 6139

Size Pair	6"	8"	10"	12"	14"	16"	18"	20"
	6/-	6/9	7/3	8/2	9/8	11/8	13/6	15/6

FINGER PLATES



No. PHS*8976

	doz.	each.
Parwinac B.B. Finish (R.R.)	14/-	1/3
Sheradized B.B.	15/9	1/5
C.B.&R. on Iron	21/-	1/10



No. PHS*8977

	doz.	each.
Parwinac B.B. Finish (R.R.)	19/3	1/9
Sheradized B.B.	21/-	1/11
C.B.&R. on Iron	26/3	2/4



No. PHS*8978

	doz.	each.
Parwinac B.B. Finish (R.R.)	13/2	1/3
Sheradized B.B.	15/-	1/5
C.B.&R. on Iron	20/3	1/10

Postal Handles and Knockers.

*Stocked only
in Art Black.

No. PHS 2498 9" x 3"
Best Malleable, Art Black.
52/6 dozen, 4/6 each.

No. PHS 2499

As above but with Steel Backplate.
Berlin Black ... 21/- dozen, 1/10 each.
C. B. & R. on Iron 31/6 " 2/9 "
(Not stocked in C. B. & R.)

**No. PHS 2476**

Berlin Black	...	2/3 each.
Sheradized B.B.	...	2/10 "
Parwinac Finish (R.R.)	...	2/10 "
Polished Brass	...	6/8 "
C. B. & R. on Brass	...	7/- "
Bronze Metal Antique	...	8/- "

**No. PHS 2479** 7 1/4" x 2 1/8"

Berlin Black	...	2/4 each.
Sheradized B.B.	...	3/- "
Parwinac Finish (R.R.)	...	3/- "
Polished Brass	...	5/9 "
C. B. & R. on Brass	...	6/8 "
Bronze Metal Antique	...	7/- "

**No. PHS 2494**

Best Finish, Malleable Iron, 7 1/8" x 3 1/2"
Art Black ... 27/6 dozen, 2/5 each.
Sheradized B.B. 32/- " 2/9 "

No. PHS 2497

As above but size 6 3/4" x 3 1/4"
Art Black ... 27/6 dozen, 2/5 each.
Sheradized B.B. 32/- " 2/9 "

No. PHQ 2484

Brass ... 8/- each.
Bronze Metal Antique ... 10/6 "

**No. PHS 6351**

Cast Iron. Brass or C. B. & R.

Size 6"	...	29/- dozen, 2/7 each.
" 6 1/2"	...	30/9 " 2/9 "
" 7"	...	38/6 " 3/4 "
" 7 1/2"	...	40/3 " 3/6 "
" 8"	...	42/- " 3/8 "
" 9"	...	45/6 " 4/- "
" 10"	...	61/3 " 5/3 "
" 12"	...	75/3 " 6/5 "

**No. PHS 2542** Postal Handle.

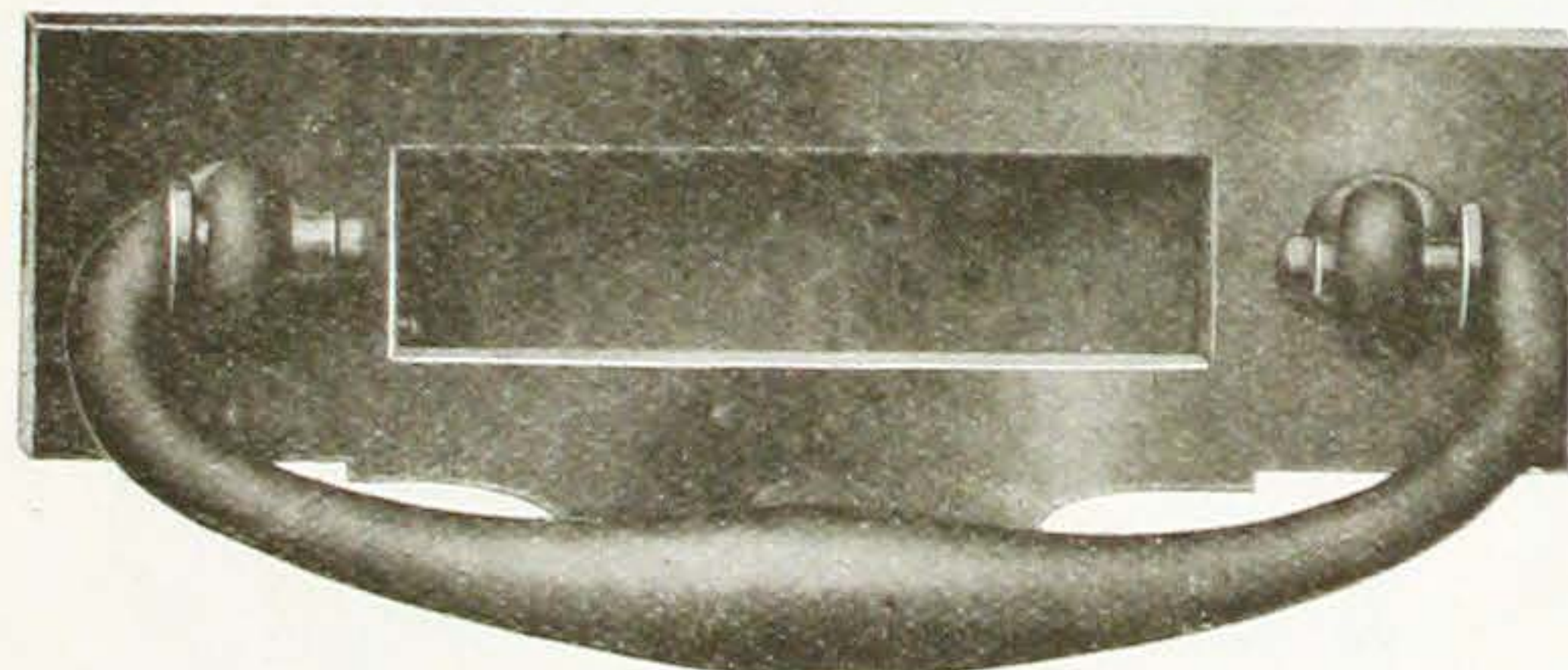
Size 7 1/2" x 3 1/4"

Art Black ... 21/- dozen, 1/10 each.

No. PHS 2539 Letter Plate only.

Size 7 1/2" x 3 1/4"

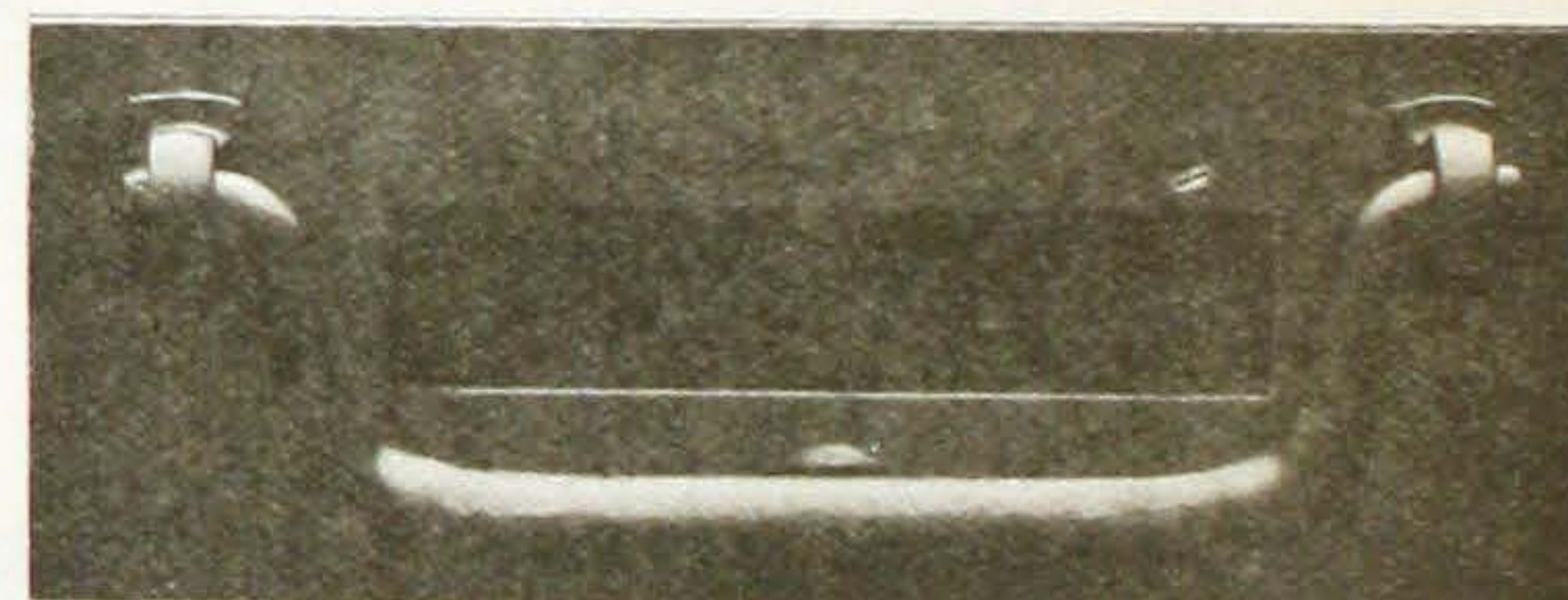
Art Black ... 15/4 dozen, 1/6 each.

**No. PHS 2492** 9" x 3 1/4" Cast Iron.

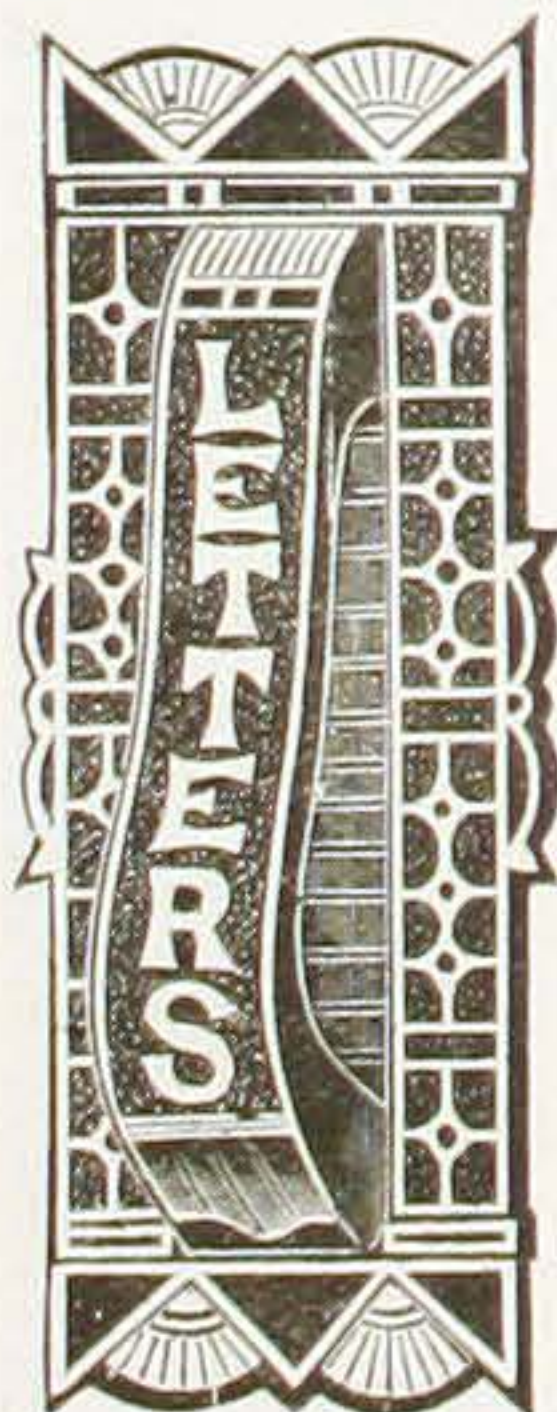
Art Black ... 29/9 dozen, 2/8 each.
Sheradized B.B. ... 34/3 " 3/- "

**No. PHS 2547**

Knocker ... 8"
Plates ... 2 3/4" dia.
Projection ... 3 1/2"
Berlin Black, 7/- each.

**No. PHS 2548** Plate 9" x 3 1/4"

Berlin Black	...	24/6 dozen, 2/2 each.
Sheradized B.B.	...	31/6 " 2/9 "
Parwinac Finish (R.R.)	...	31/6 " 2/9 "

**No. PHS 2543**

Cast Iron, finished Brown
Bronzed, or Dull Black.
7 1/4" x 2 1/4"
11/6 dozen, 1/1 each.

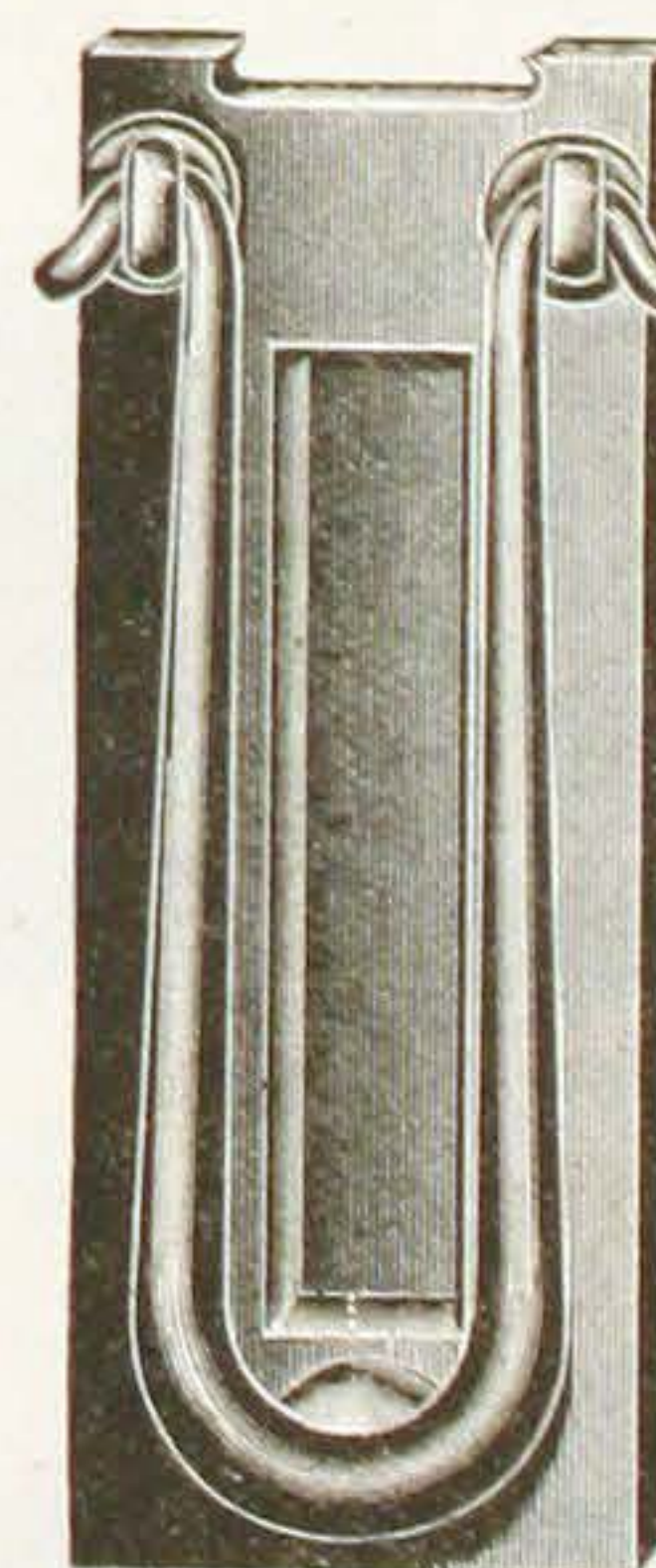
**No. PHS 2544**

Knocker ... 7 3/4"
Plates ... 2 1/8" x 2 1/8"
Projection ... 2"
Berlin Black, 2/8 each.

**No. PHQ 6360**

8 1/4" x 2 3/4"

Japanned	...	1/8 each.
Varnished	...	1/8 "
Relieved,		
Varnished	...	1/10 "
Berlin Black	...	1/10 "

**No. PHS 6361**

Size 8" x 3"

Malleable Art Black,
5/10 each.

**No. PHS 6407**

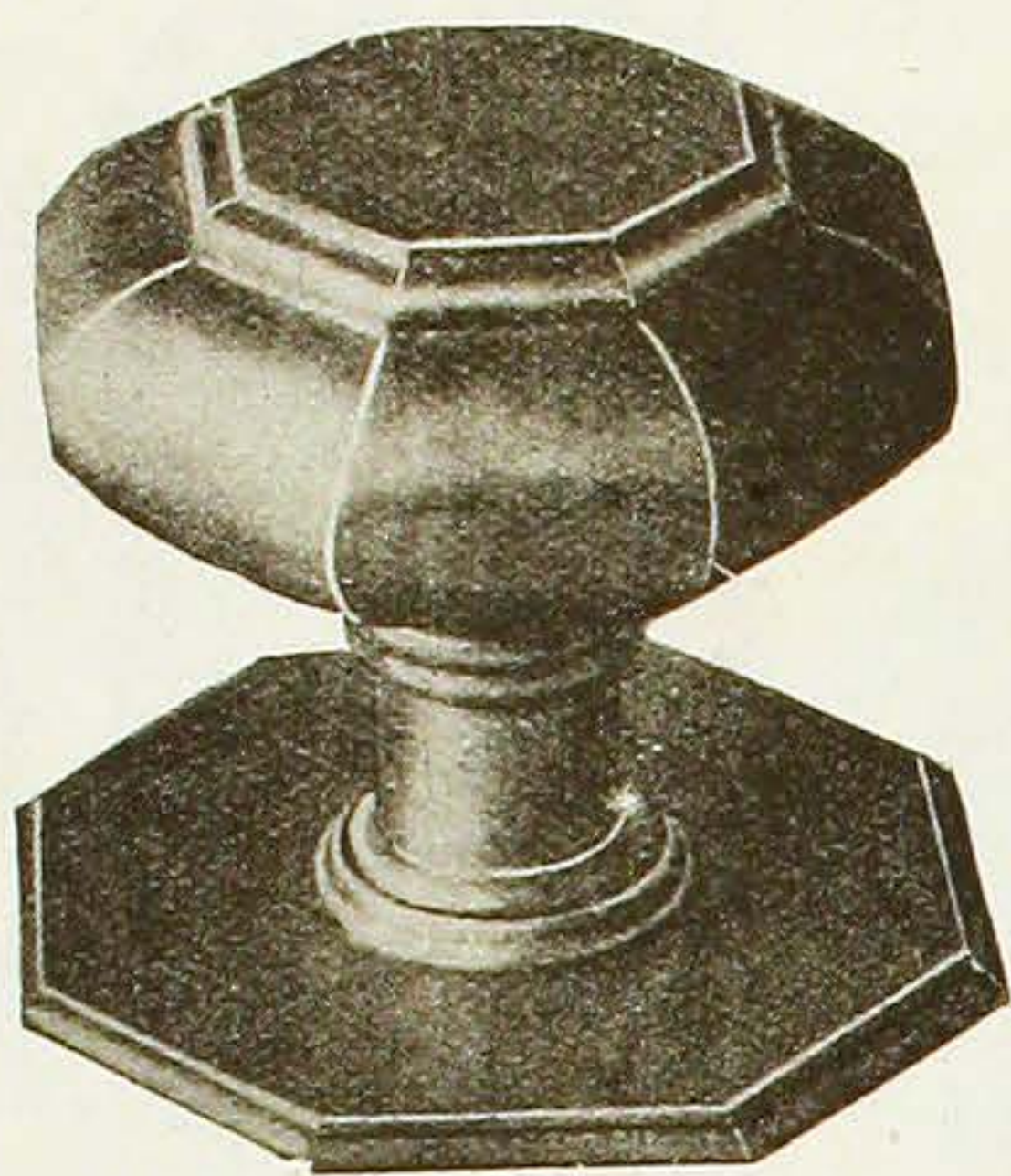
Size 9" x 3"

Steel Frame and Flap.
Cast Iron Handle.
Dull Black,
24/6 dozen, 2/2 each.
Sheradized B.B.
30/9 dozen, 2/8 each.

Iron Lock Furniture and Centre Door Knobs

*Stocked only in Berlin Black.

FINISHES : B.B.=Berlin Black ; Parwinac R.R.=Rust-Resisting B.B. ;
S.B.B.=Sheradized B.B. ; C. B. & R.=Copper Bronzed and Relieved.



No. PHS*2549
Size of Knob, 3"

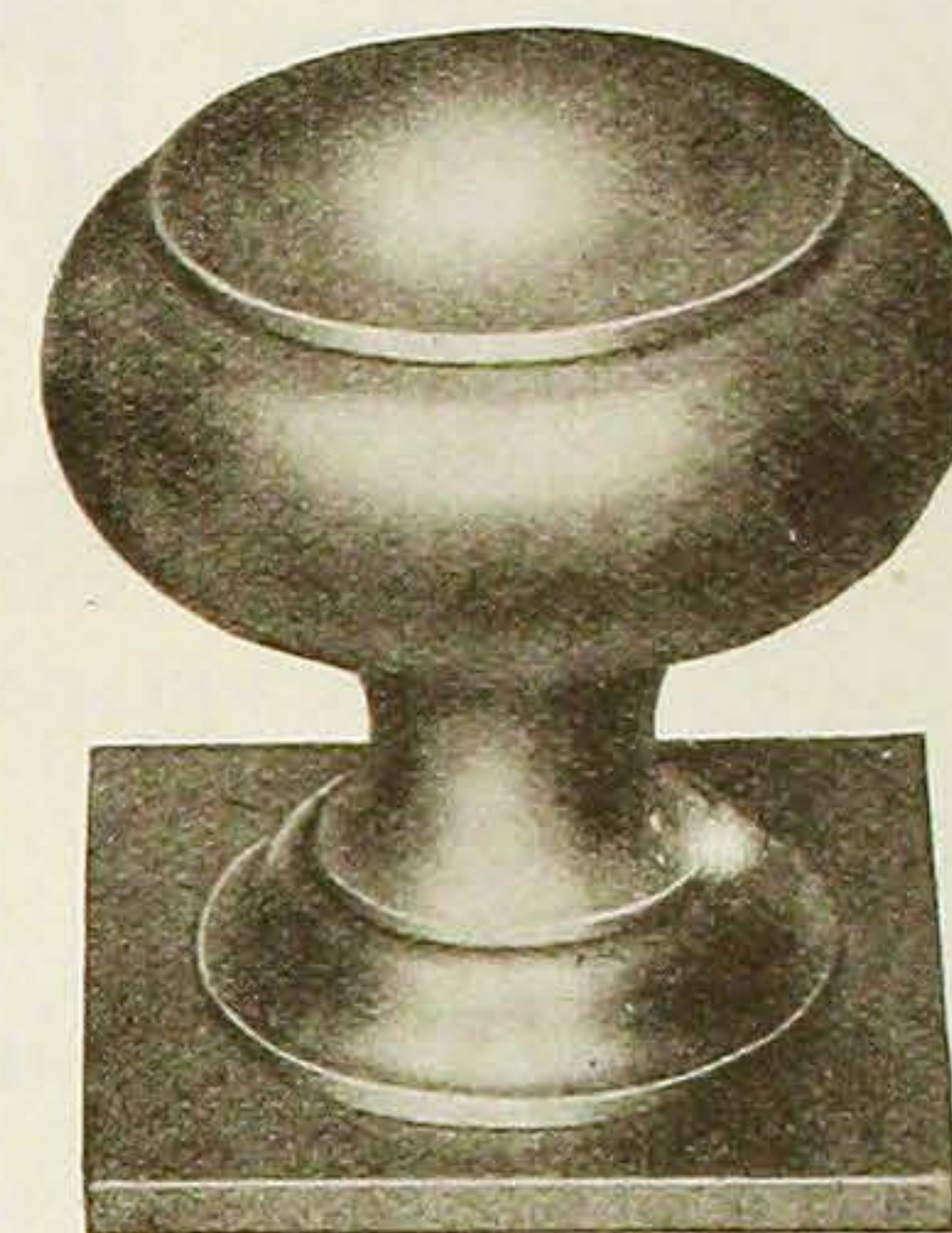
Finishes	dozen.	each.
Berlin Black ...	38/6	3/4
Parwinac R.R. ...	43/9	3/9
Sheradized B.B. ...	43/9	3/9



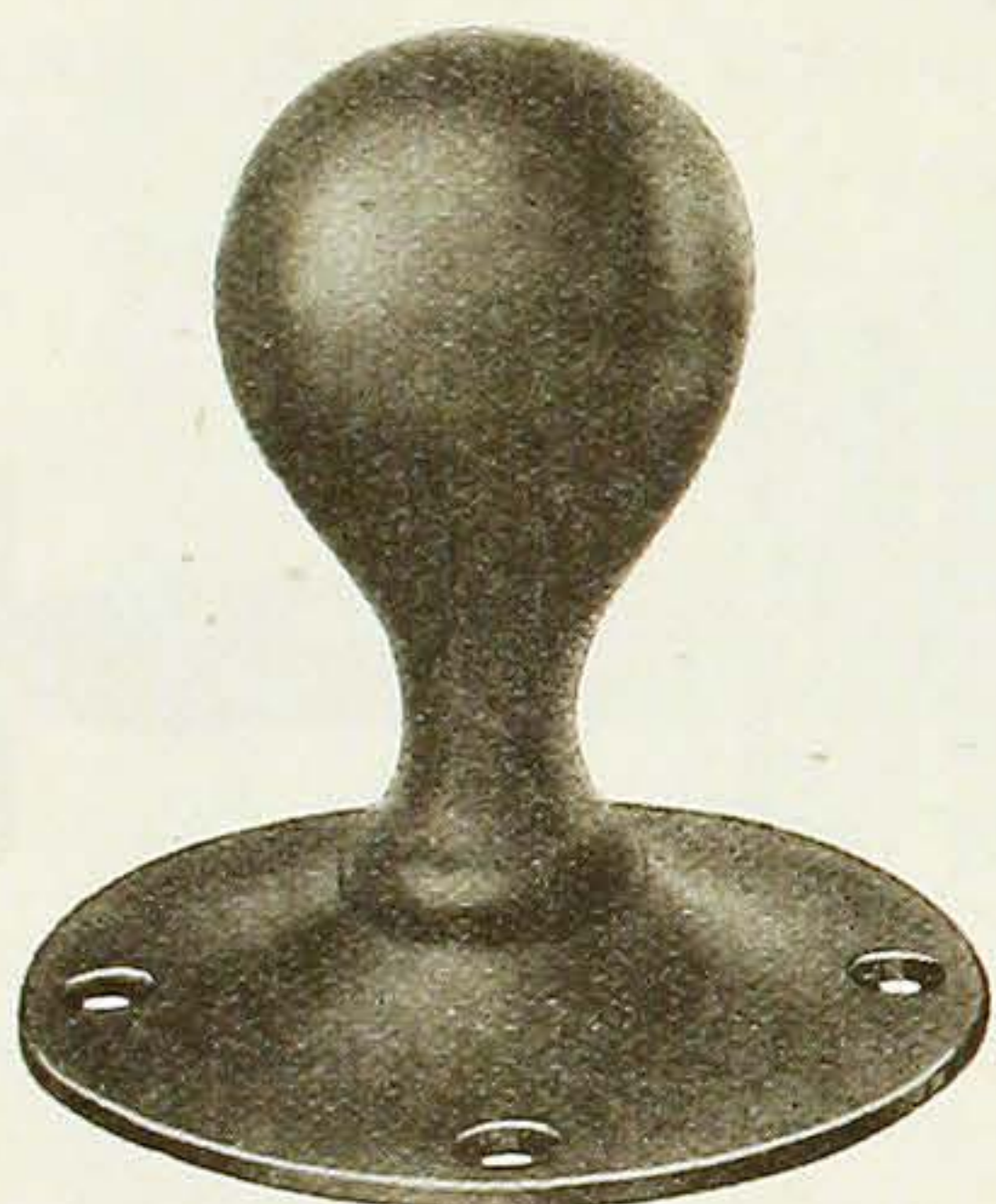
No. PHS*6919
Knob 2" Rose 2 5/8"
Berlin Black.
10/6 dozen, 1/- each.



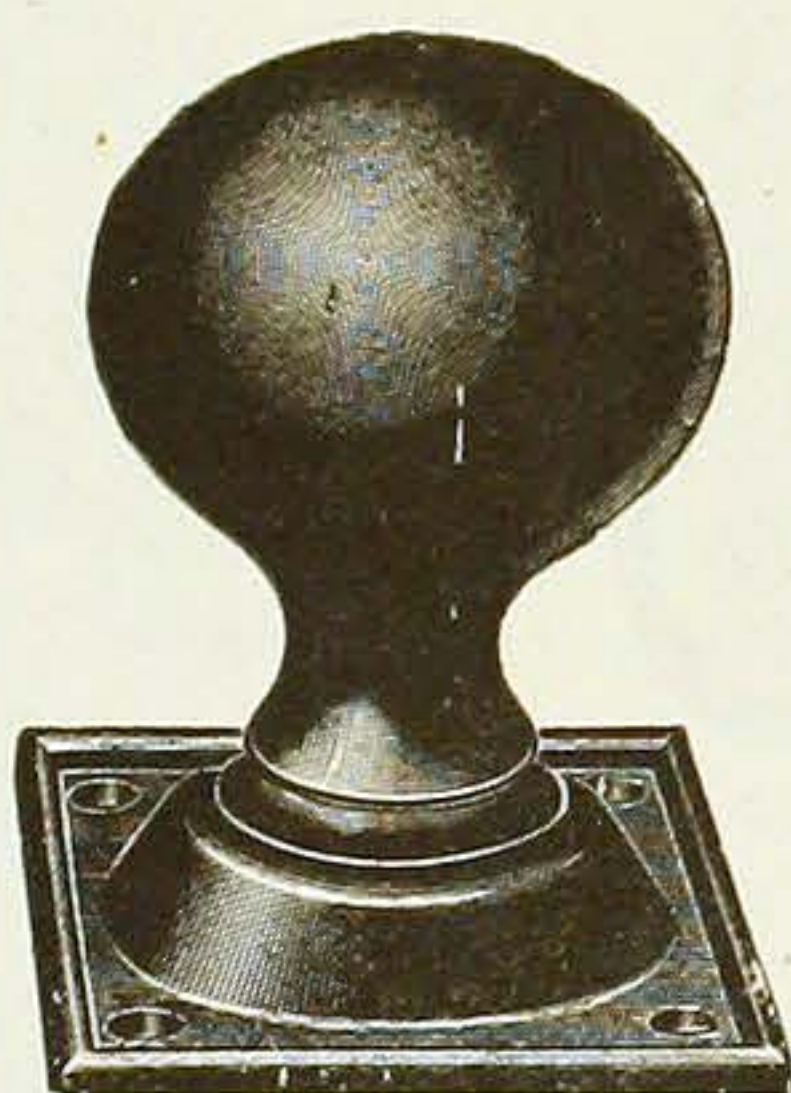
No. PHS*6977
Knob 2 3/8" Rose 2 5/8"
Finishes dozen. each.
Berlin Black ... 29/9 2/6
Sheradized B.B. ... 35/- 3/2
Parwinac R.R. ... 35/- 3/2



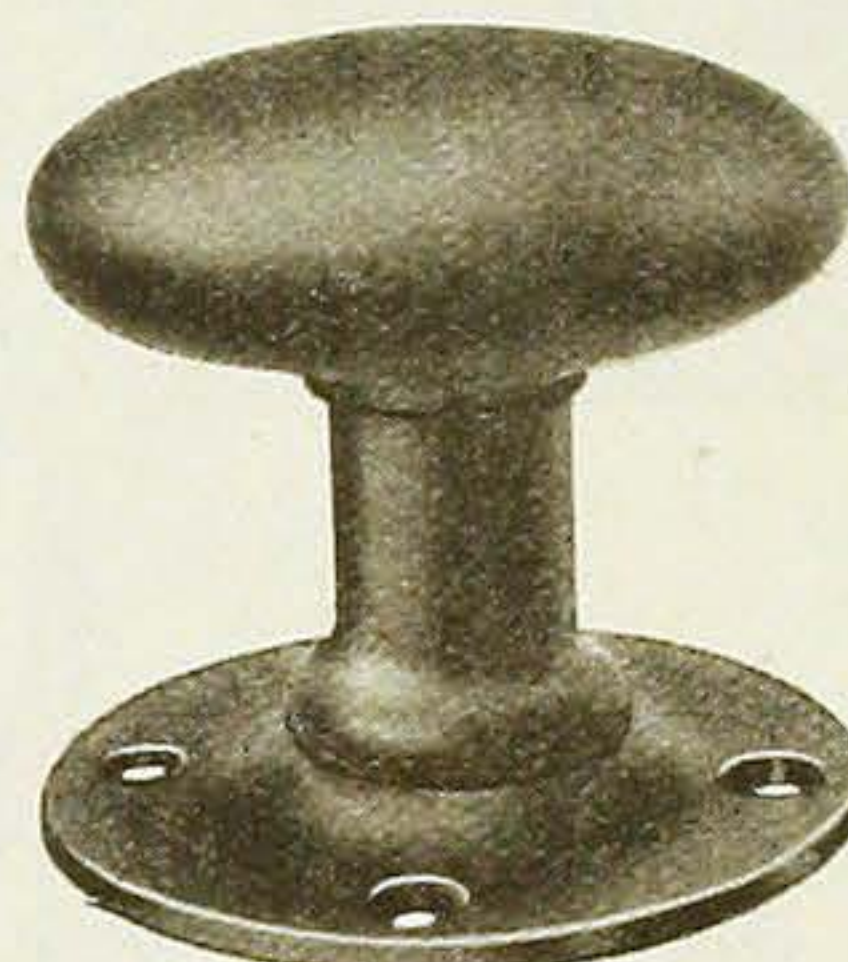
No. PHS*5626 Knob 3"
Finishes dozen. each.
Berlin Black ... 38/6 3/4
Parwinac Rust-resisting ... 43/9 3/9
Sheradized B.B. ... 43/9 3/9



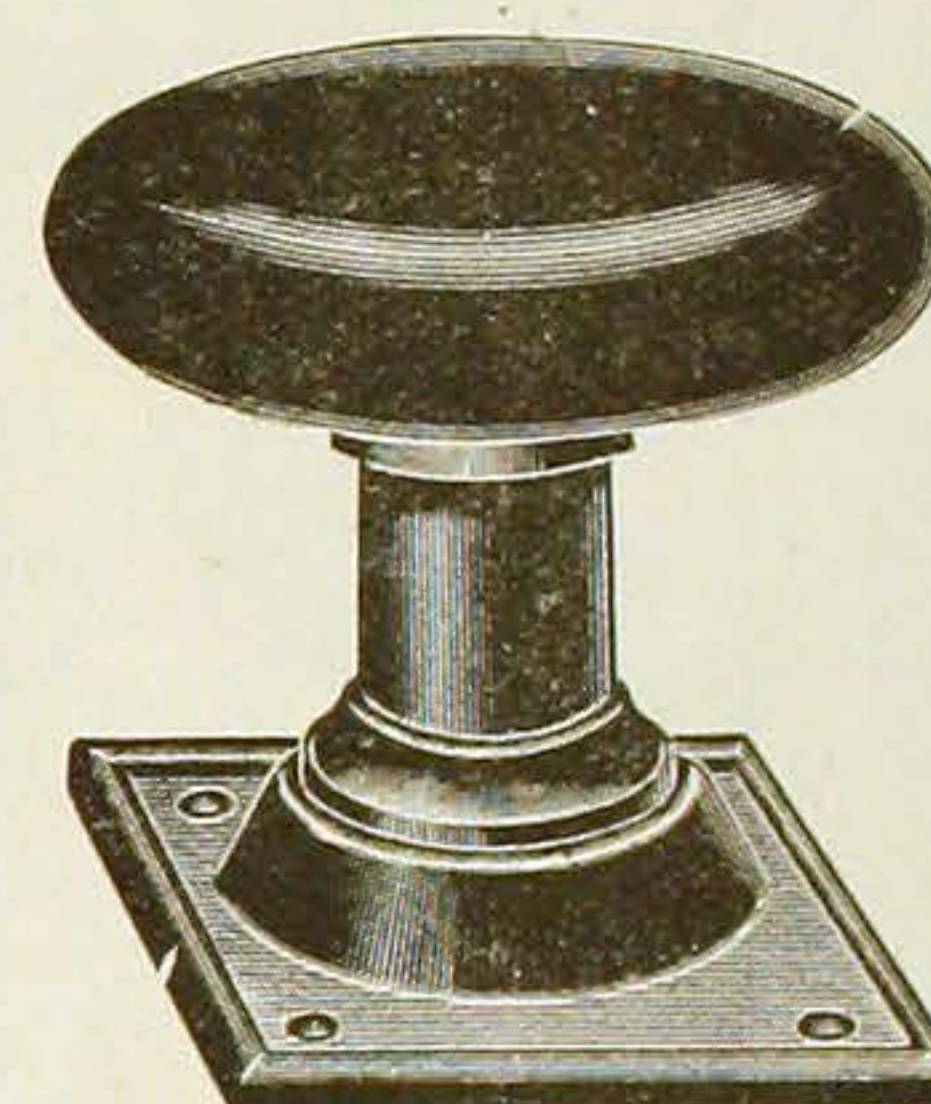
No. PHS*6916
Knob 1 3/4" Rose 3 1/4"
Berlin Black ... 4/6 set.
Sheradized B.B. ... 4/10 "
Parwinac R.R. ... 4/10 "
Pitt's Rim or Mortice.



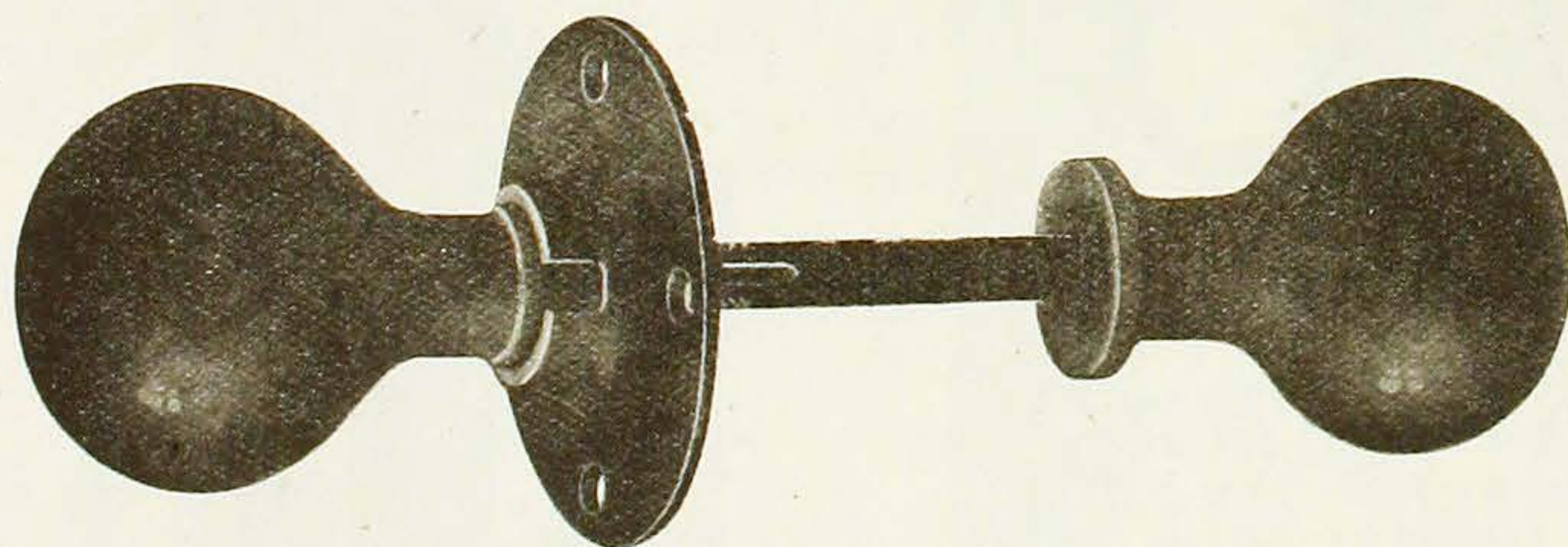
No. PHS*6915
Size 1 7/8"
Berlin Black ... 4/6 set.
Parwinac R.R. ... 4/8 "
Sheradized B.B. ... 4/8 "
C. B. & R. on Iron ... 5/3 "
Pitt's Rim or Mortice.



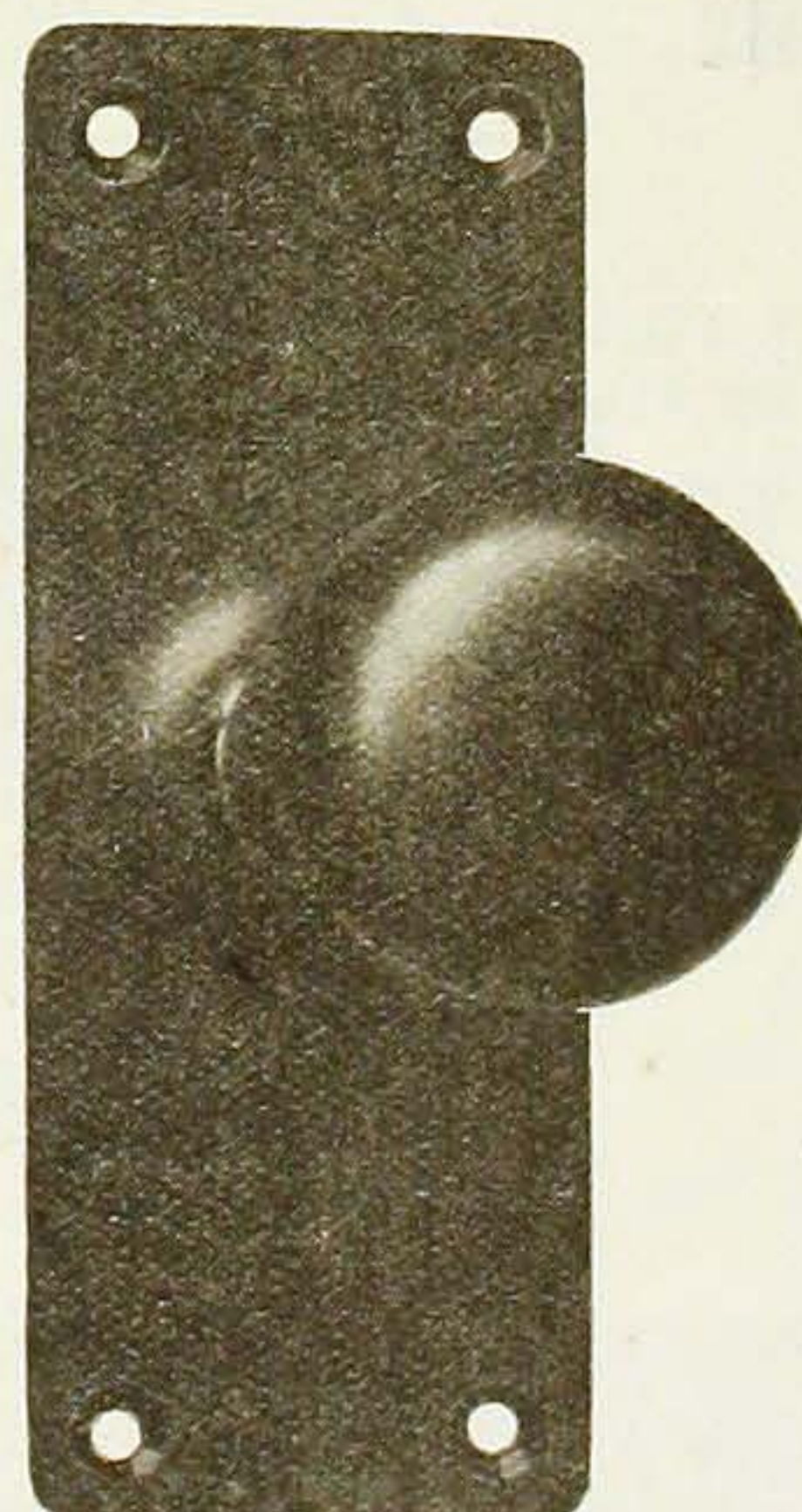
No. PHS*6917
Knob 1 1/2" x 2 3/8" Rose 2 1/2"
Berlin Black ... 3/3 set.
Parwinac R. R. ... 3/10 "
Sheradized B.B. ... 3/10 "
Pitt's Rim or Mortice.



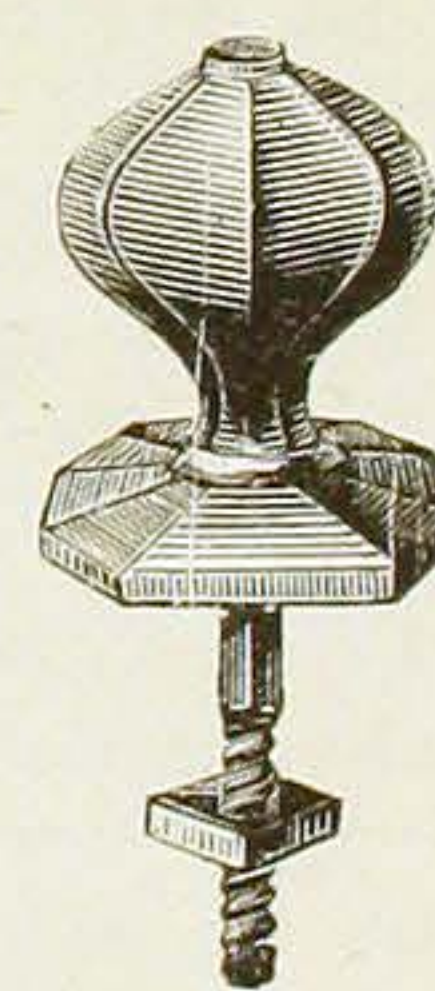
No. PHS*6914
Size 2 1/2" x 1 9/16"
Berlin Black ... 4/6 set.
Sheradized B.B. ... 4/8 "
Parwinac R. R. ... 4/8 "
C. B. & R. on Iron ... 5/3 "
Pitt's Rim or Mortice.



No. PHS* 6921 Rose 2 1/2" diameter. Knob 1 3/4"
Berlin Black. Sheradized Parwinac C. B. & R.
Black. Berlin Black. R.R. on Iron.
No. PHS*6921 3/6 4/6 4/6 4/8 per set.
No. PHS 6922 4/6 5/3 5/3 5/8 " "



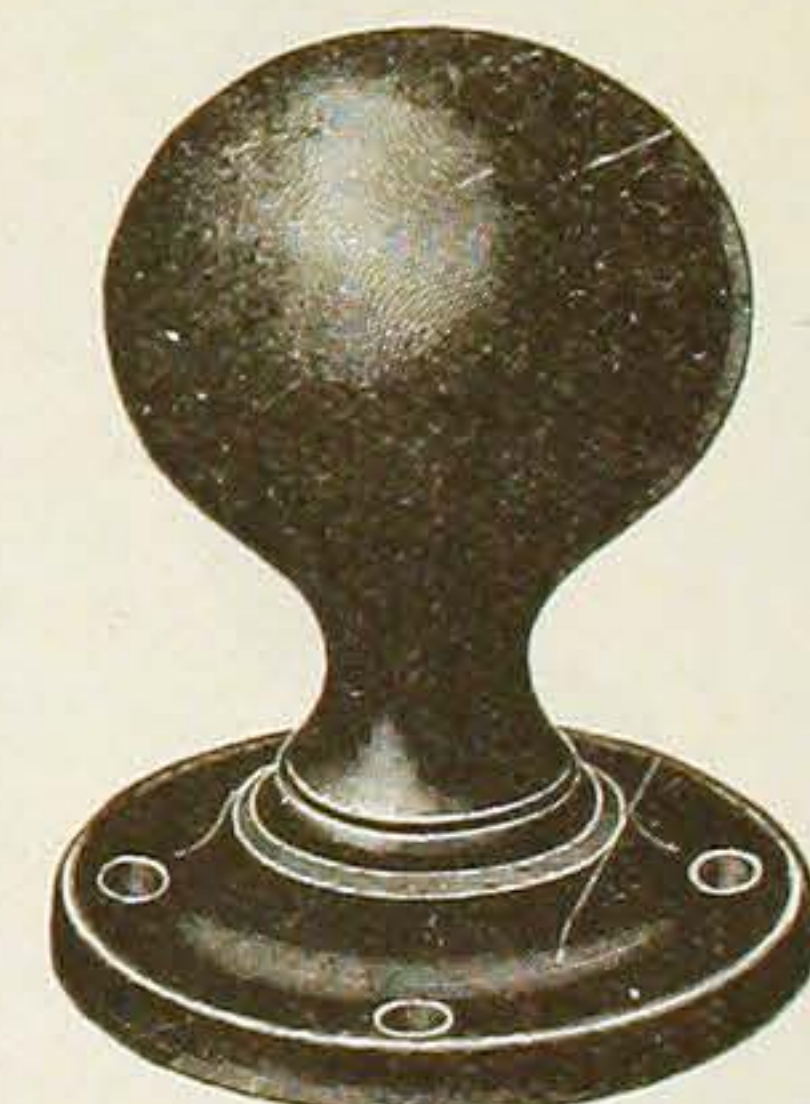
No. PHS*6922
Plate 5" x 2" Knob 1 3/4"
Priced under PHS 6921



Gothic Centre Door Knob

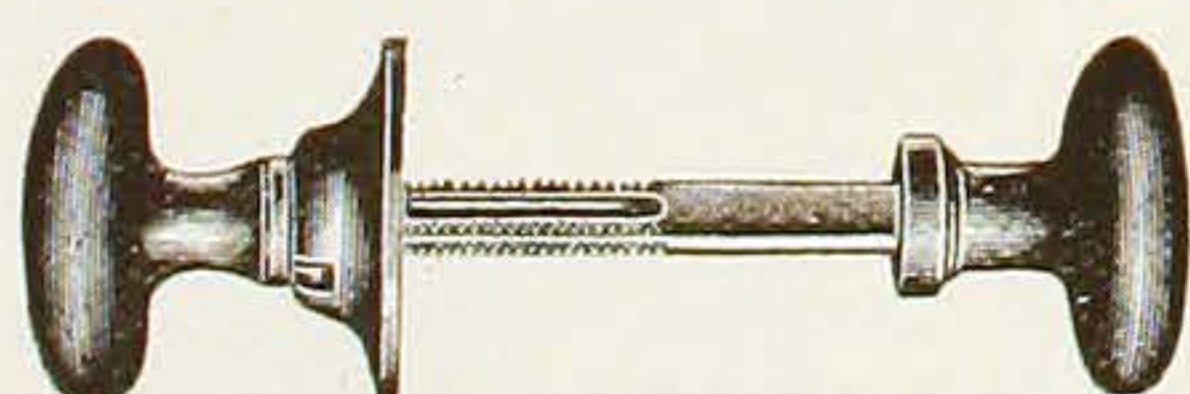
No. PHS*6427
Japanned. Bronzed.

Dia.	doz.	each.	doz.	each.
2 1/4"	11/9	1/2	13/6	1/4
2 1/2"	12/9	1/3	14/2	1/5
2 3/4"	13/9	1/4	15/9	1/6
3"	15/-	1/5	17/4	1/7

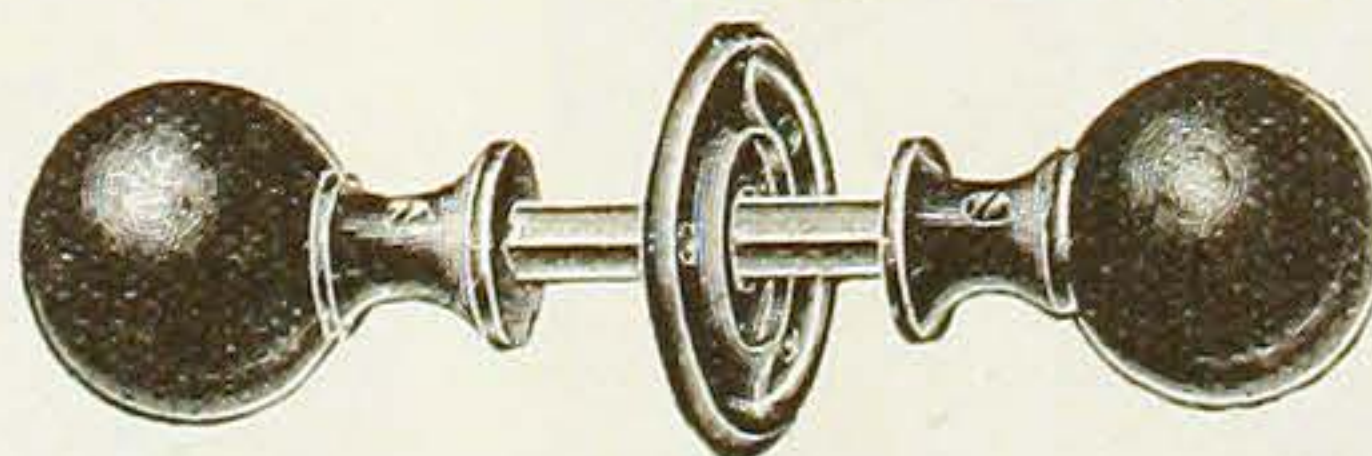


No. PHS*6920

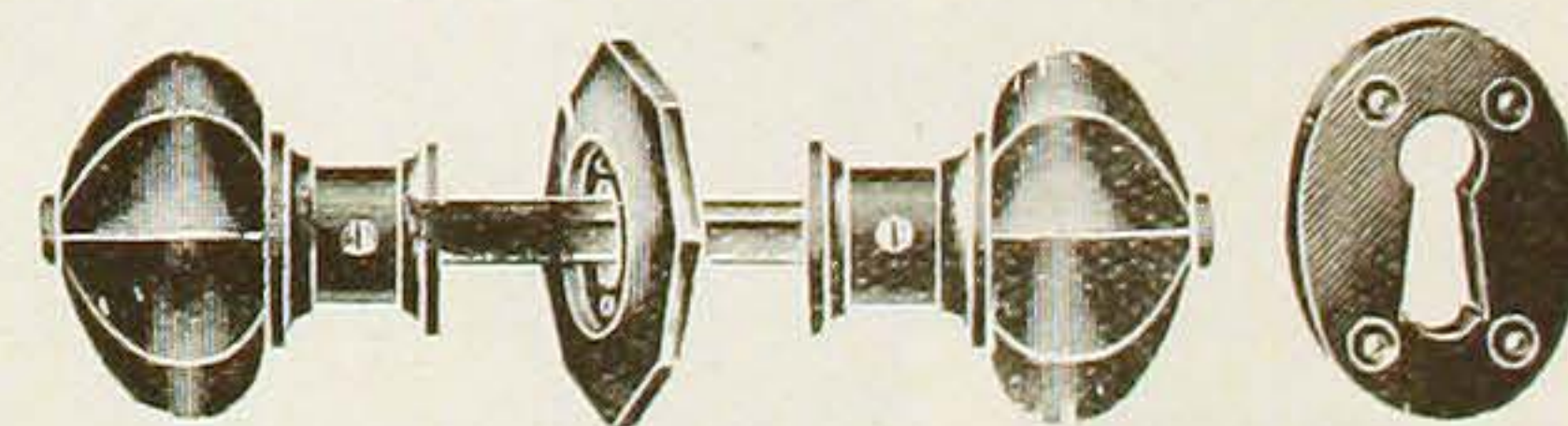
Size 1 7/8"	Set.
Berlin Black ...	4/6
Parwinac Rust-resisting Finish	4/8
Sheradized B.B. ...	4/8
C. B. & R. on Iron	5/3
Pitt's Rim or Mortice.	



No. PHS*2112
Malleable Art Black. 2" Oval Mace's Spindle.
Rim. Mortice.
doz. each doz. each
sets. set. sets. set.
Berlin Black ... 28/- 2/6 31/6 2/9
Sheradized B.B. ... 29/9 2/8 33/3 3/-
Parwinac R.R. ... 29/9 2/8 33/3 3/-
C. B. & R. on Iron ... 36/9 3/2 40/3 3/6



Cast Iron. Dead Black.
No. PHS*2109 Ball Pattern, 1 3/4"
Rim Latch ... 11/- dozen sets, 1/- set.
Rim Lock ... 11/6 " 1/1 "
No. PHS*2110 Round Pattern, 2 1/8"
Rim Latch ... 11/- dozen sets, 1/- set.
Rim Lock ... 11/6 " 1/1 "
No. PHS*2111 Oval Pattern, 2 1/2"
Rim Latch ... 11/- dozen sets, 1/- set.
Rim Lock ... 11/6 " 1/1 "



No. PHS*6424

Octagon.		Japanned.	
Rim.		Mortice.	
dozen	each	dozen	each
sets.	set.	sets.	set.
18/10	1/8	21/-	1/10
21/3	1/10	23/3	2/2
23/8	2/2	26/-	2/4
26/9	2/4	29/10	2/8
30/-	2/8	33/3	3/-

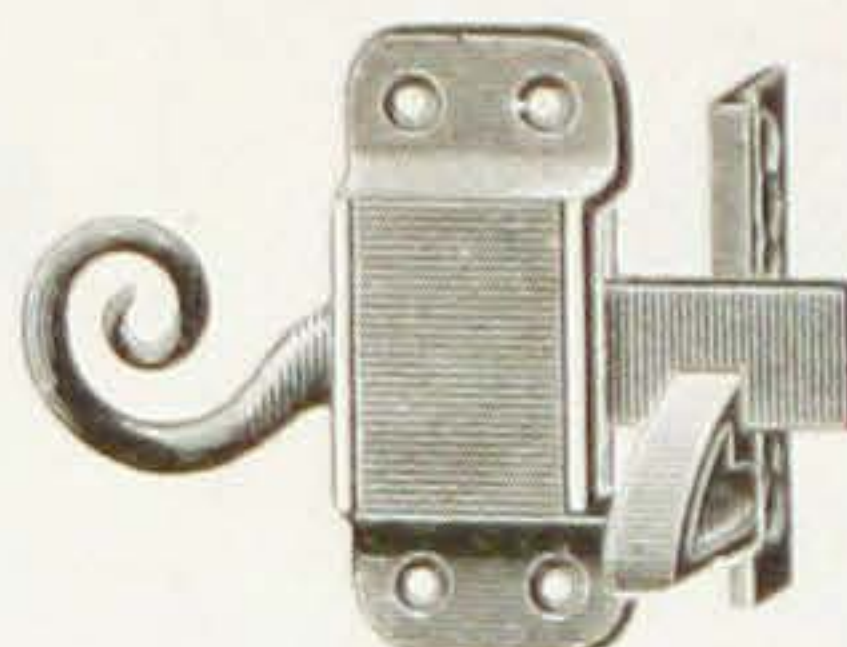
BARRACK
LATCH.

No. PHS*6239 Extra Strong, Japanned.
Plate, 9 1/2" x 2 1/2" x 12G. thick.
Latch 9 1/2" x 1" x 1/4"
Japanned ... 35/- dozen sets, 3 1/2 set.
Galvanized ... 42/- " " 3/8 "

No. PHS*6240 Medium Strength.
Plate, 10" x 2 1/2" x 16G. thick.
Latch 8 1/2" x 7/8" x 3/16"
Japanned ... 27/3 dozen sets, 2 6 each.
Galvanized ... 33/3 " " 3/- "

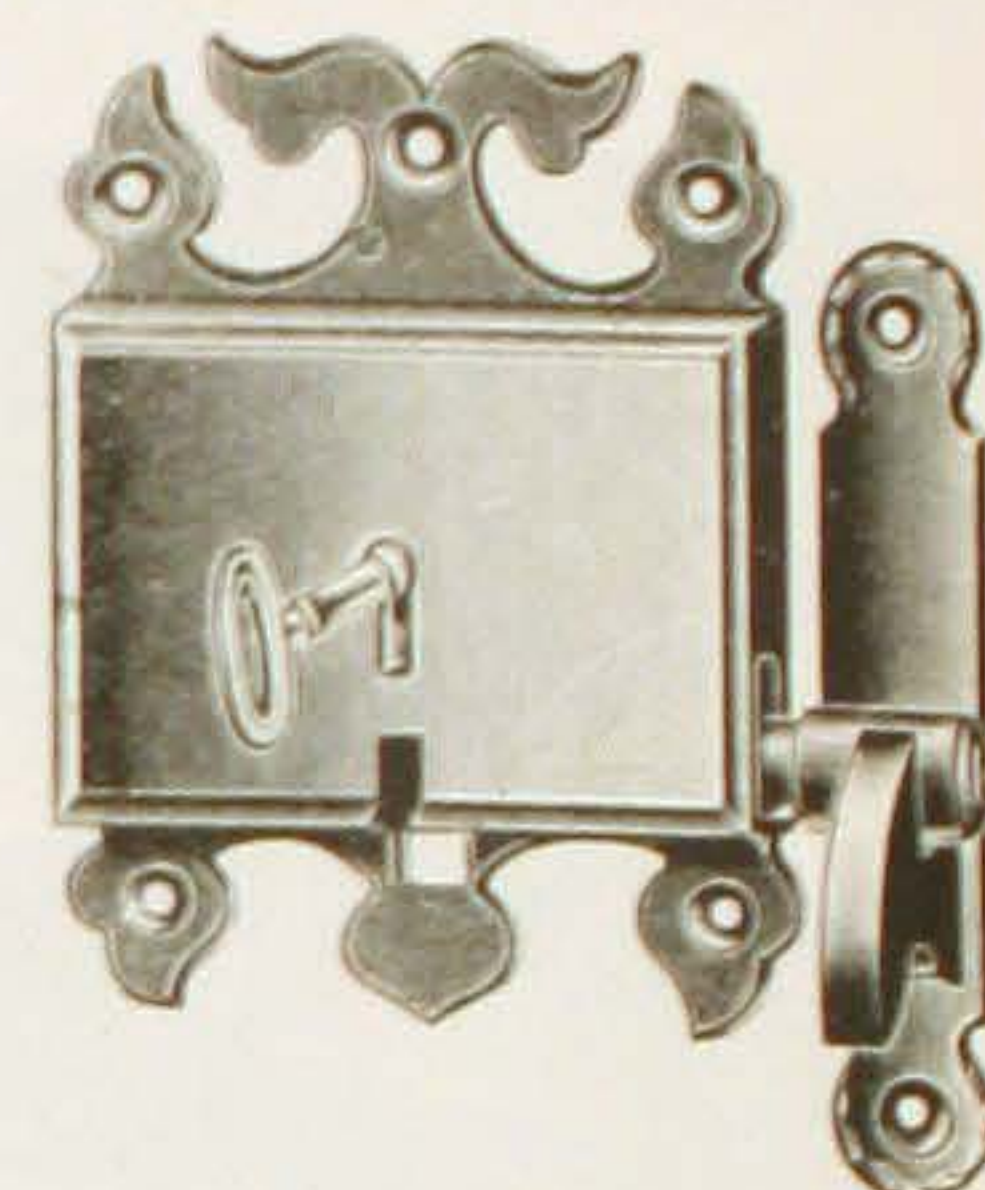
Norfolk and Suffolk Latches, etc.

*Stocked only in Berlin Black.



No. PHS 6202
GATE OR SURFACE LATCH.
Black.

Size	doz.	sets.	per set.
5"	15/9	1/5	
7"	19/3	1/9	

THE "C.C."
LOCKING LATCH.

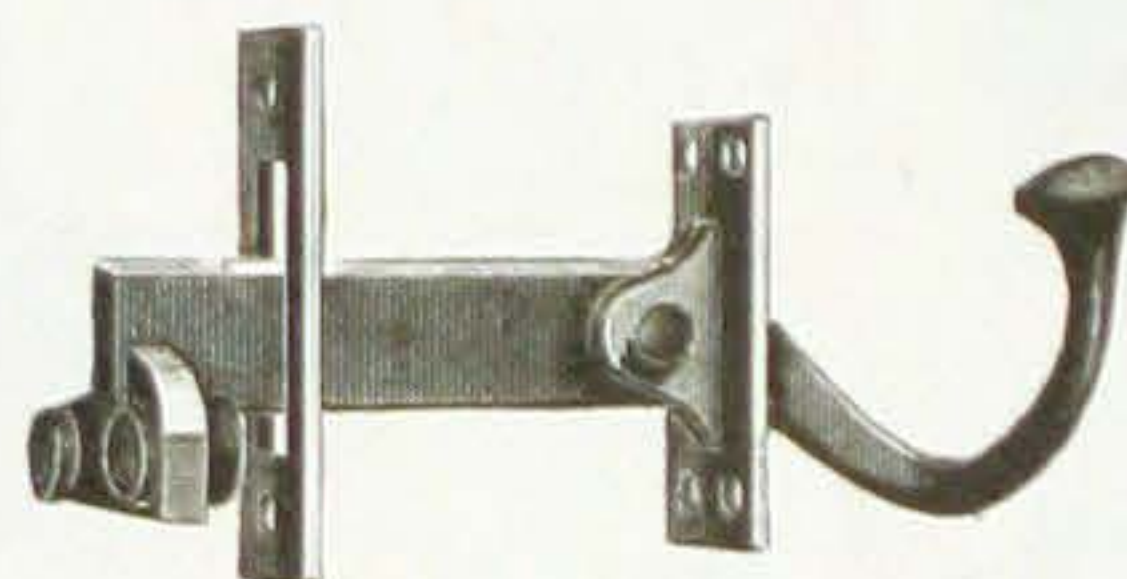
No. PHS*6232 With Patent
Frictionless Roller Latch
Bolt. Handle plate, 11" x 2".
Latch Case, 3 1/2" wide.

	dozen.	each.
Berlin Black	110/3	9/6
Sheradized B.B.	120/9	10/4



No. PHQ 6334

Plate.	Inside of Handle.	Berlin Black.	doz.	sets.	per set.
7" x 1 1/2"	3"	...	45/6	4/-	
7 1/2" x 1 1/2"	3 1/2"	...	49/-	4/3	
8 1/2" x 1 1/2"	4"	...	52/6	4/6	

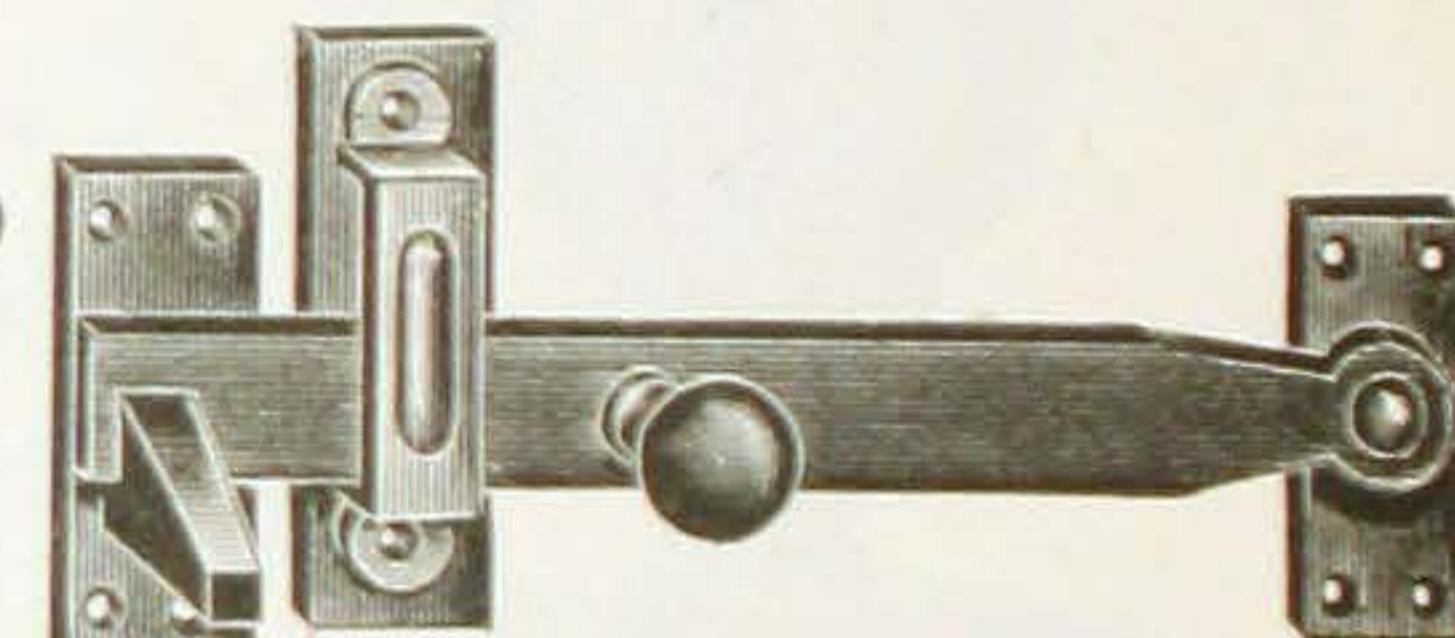


No. PHS*6204

Size	6"	7"	8"
B.B. ...	17/6	18/6	19/3
	1/7	1/8	1/9
Galvanized	21/-	22/9	24/6
	1/10	2/-	2/3

IMPROVED GOTHIC SUFFOLK
LATCH.

All Wrought Iron.

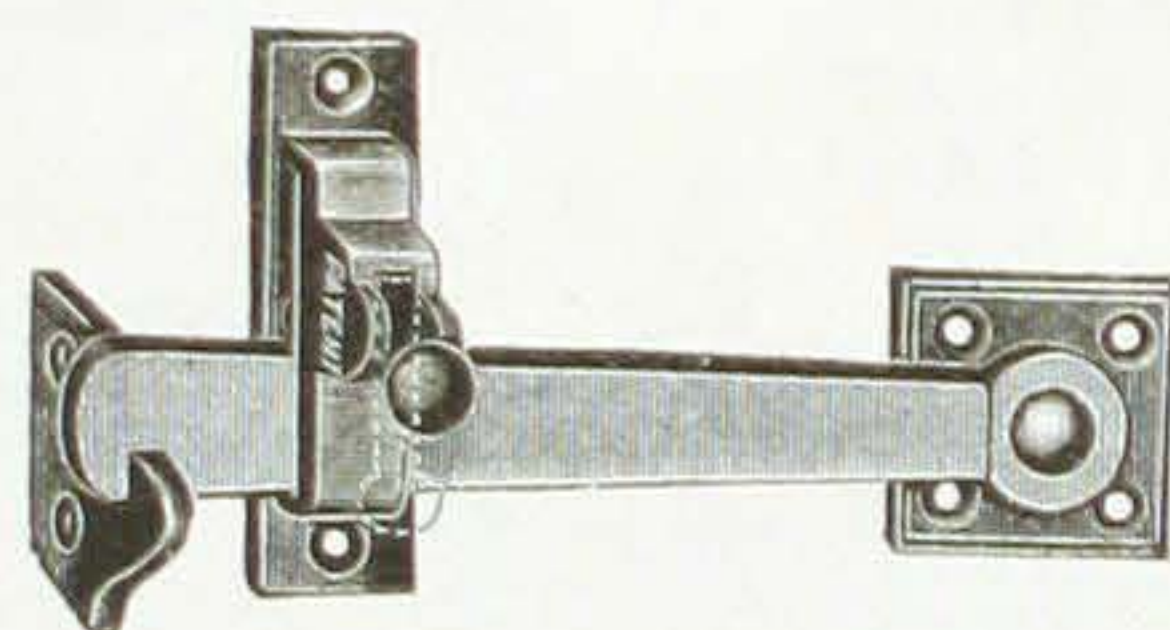


No. PHS 6236

Plate 11 1/2" x 2" with Strong Furniture.
Japanned 24/6 dozen, 2/2 each.

No. PHS 6237

Plate 10 1/2" x 1 1/2" ditto.
Japanned, 21/- dozen, 1/10 each.



No. PHS*6228

Cranked Handle. Quarter Size.
Latch with Patent Locking Pin.
Also supplied without Locking Pin.

Complete Latch and Furniture.

With Locking Pin. Berlin Black.

31/6 dozen, 2/8 each.

Without Locking Pin. Berlin Black.

29/- dozen, 2/6 each.

Latch Handle only.

Berlin Black, 17/6 dozen, 1/6 each.

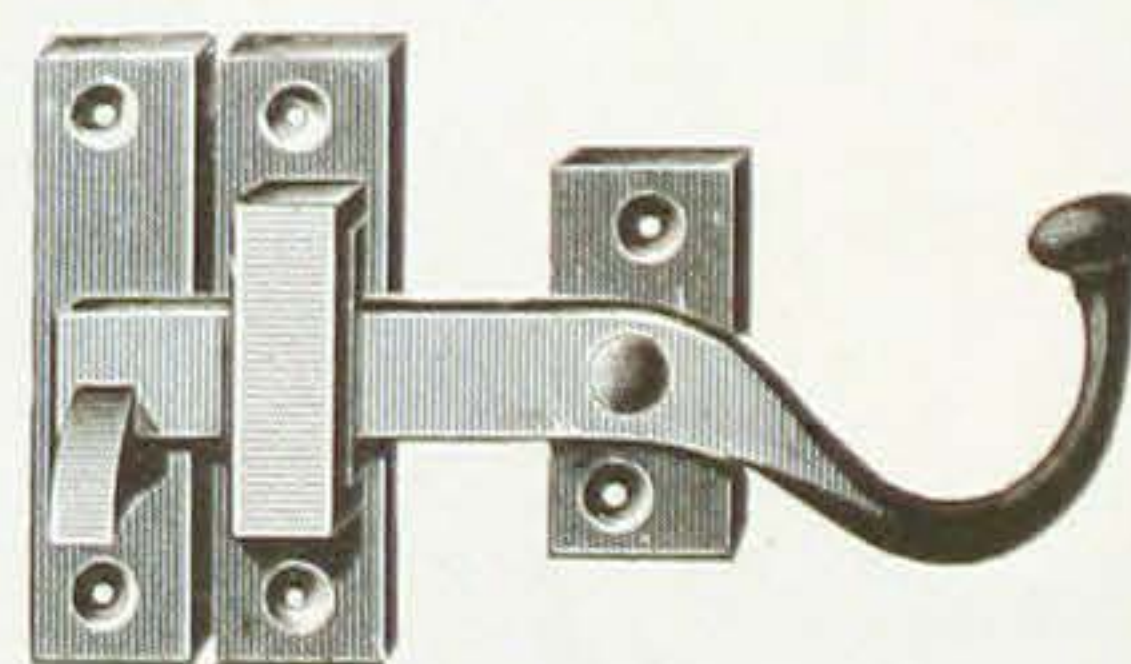
Latch Furniture only.

With Locking Pin, Berlin Black.

14/- dozen, 1/3 each.

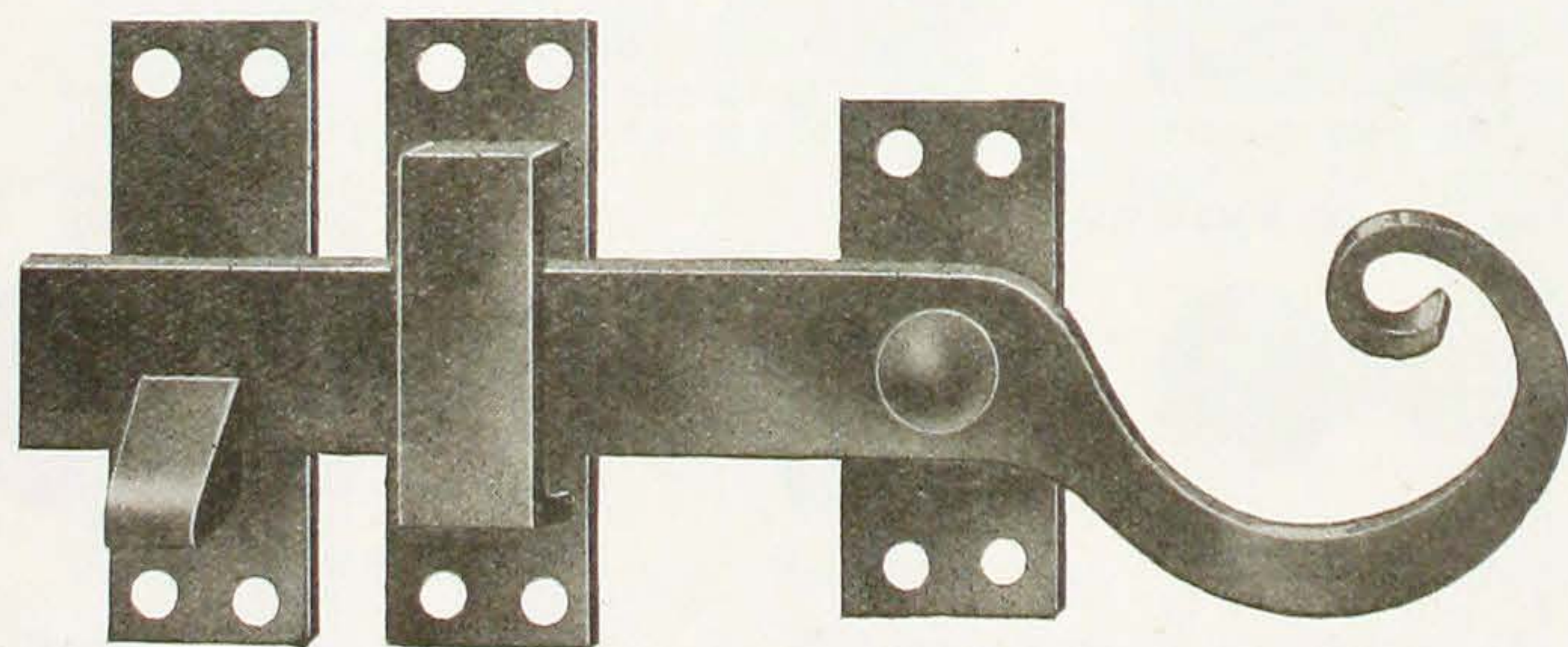
Without Locking Pin, Berlin Black.

11/6 dozen, 1/- each.



No. PHS*6203

Size	6"	7"	8"
Berlin Black ...	15/9	16/9	17/6
	1/5	1/6	1/7
Galvanized ...	19/3	21/-	22/9
	1/9	1/11	2/-



No. PHS*6349 GATE LATCH.

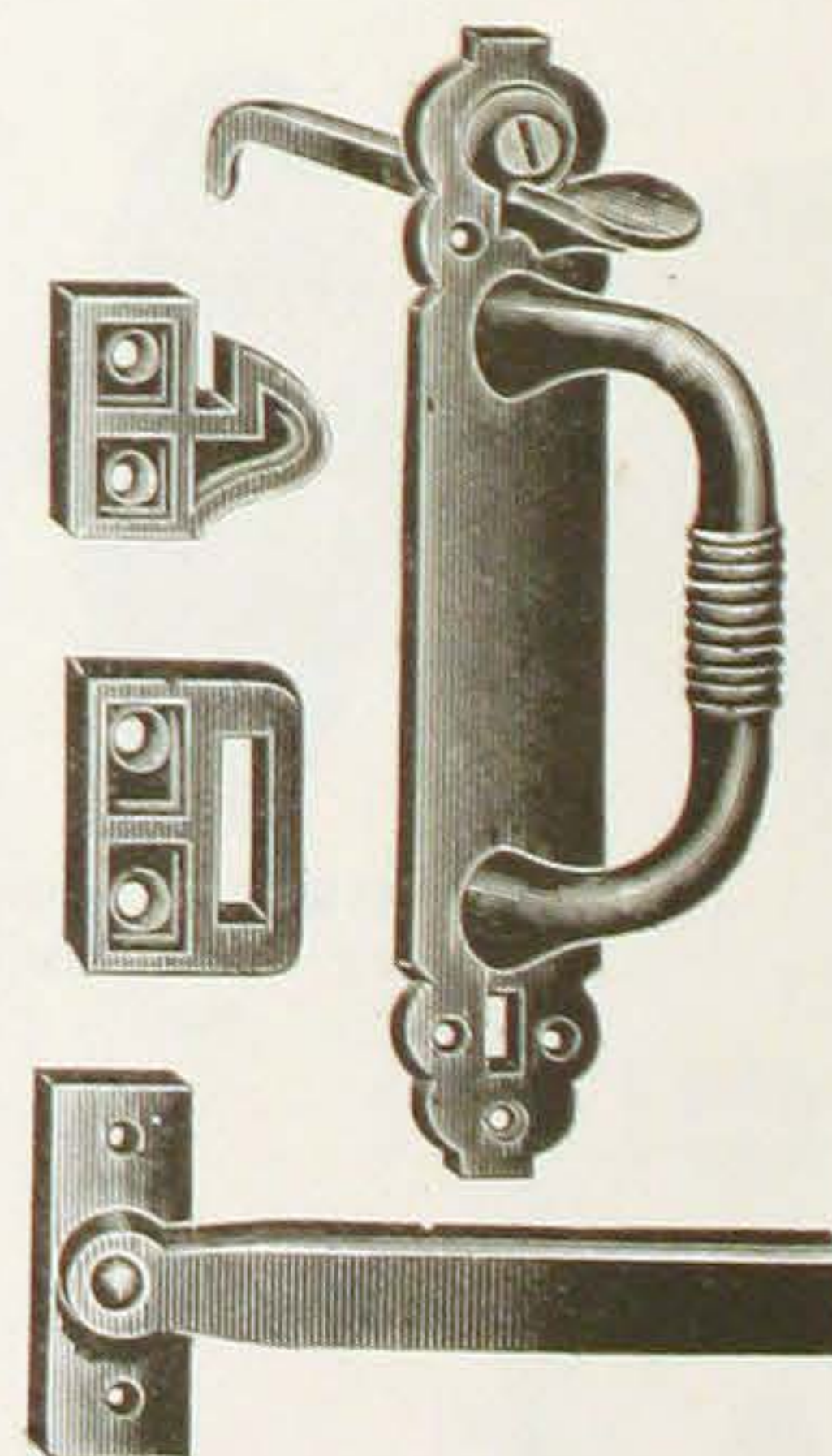
Size 8" x 1" x 5/16"

	dozen.	each.
Berlin Black ...	21/-	1/10
Sheradized B.B.	28/-	2/6
Parwinac R.R.	28/-	2/6

See also
designs
of
THUMB
LATCHES
on
page 42.

IMPORTANT. — When
ordering state "Hand" and
thickness of door.

CANADIAN LATCH.



No. PHQ 6246 With Wrought Plate.
and Furniture, 15/9 dozen, 1/5 each.

No. PHS 6247 All Cast. Japanned.

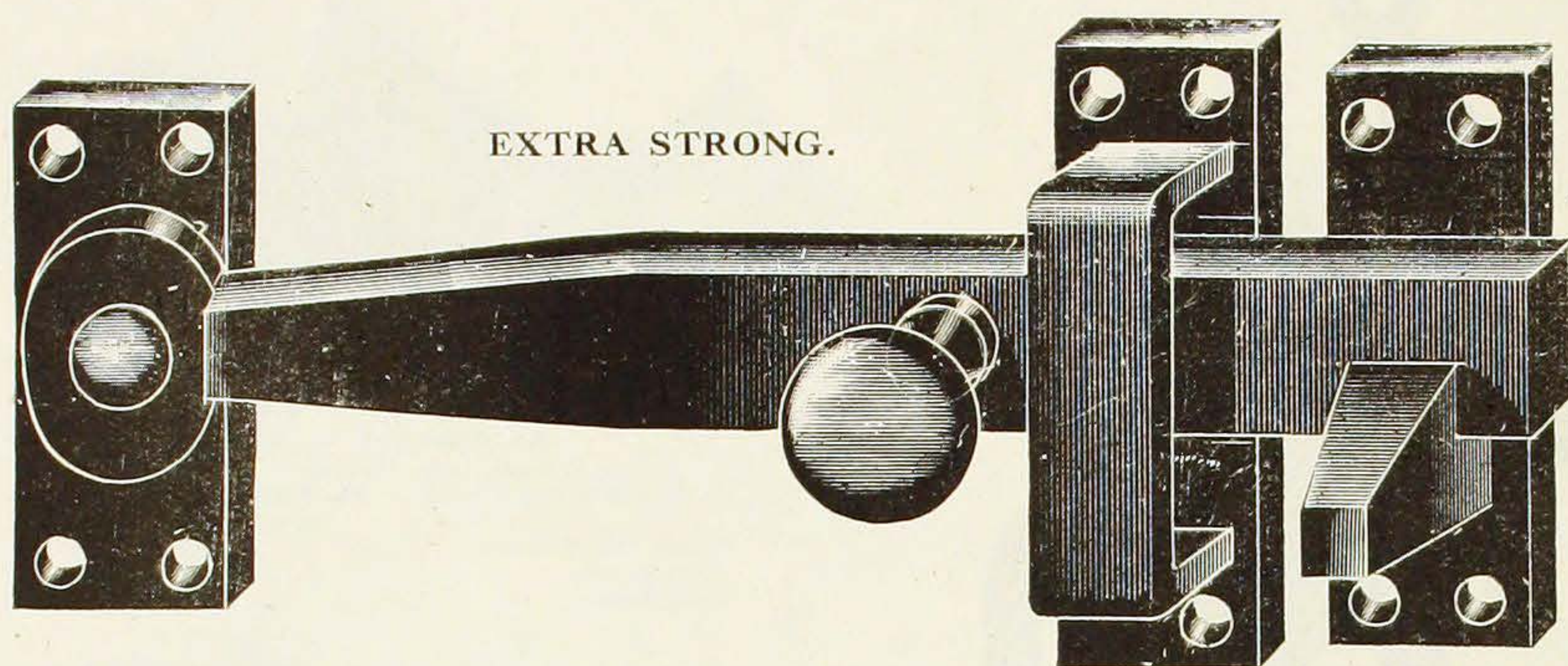
Size	3 1/2"	4"	4 1/2"
8/-	8/9	22/-	dozen sets.
9d.	10d.	2/-	each set.

No. PHQ 6248 Extra Strong.

Size	3 1/2"	4"	4 1/2"
10/6	17/3	29/-	dozen sets.
1/-	1/7	2/7	each set.

* Stocked only in B.B.

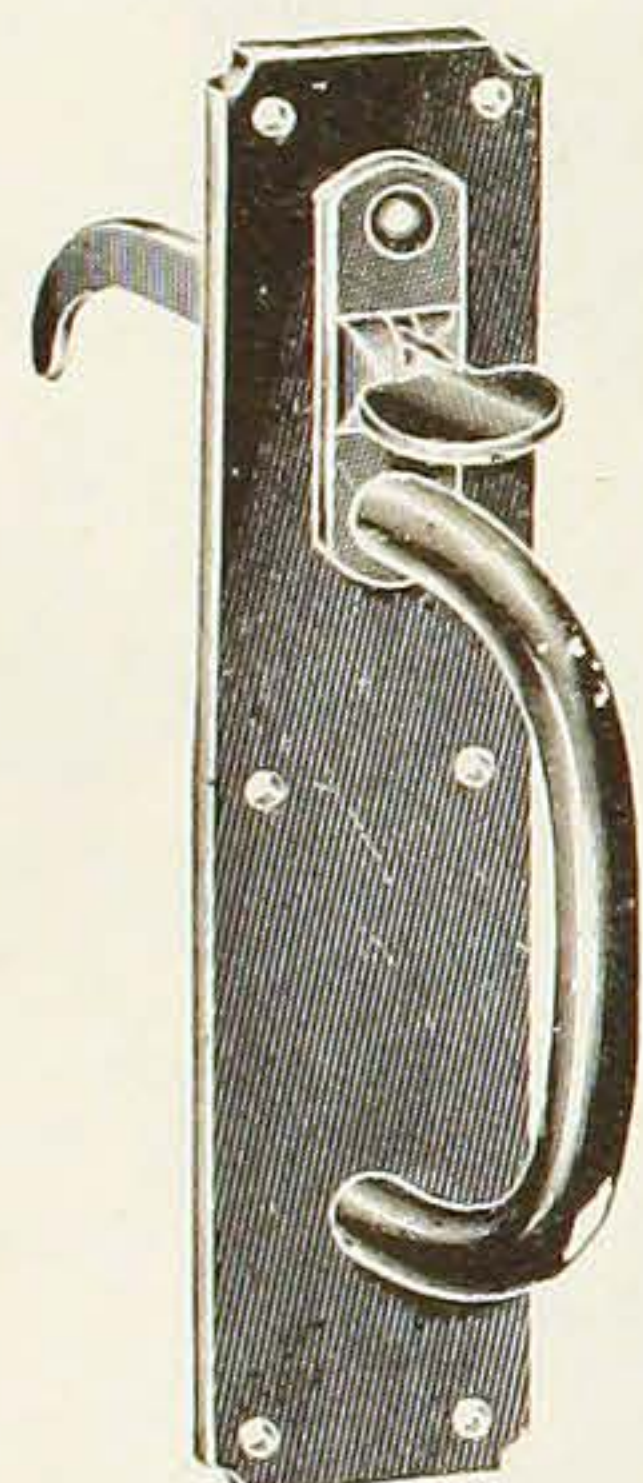
Latch Handles and Furniture



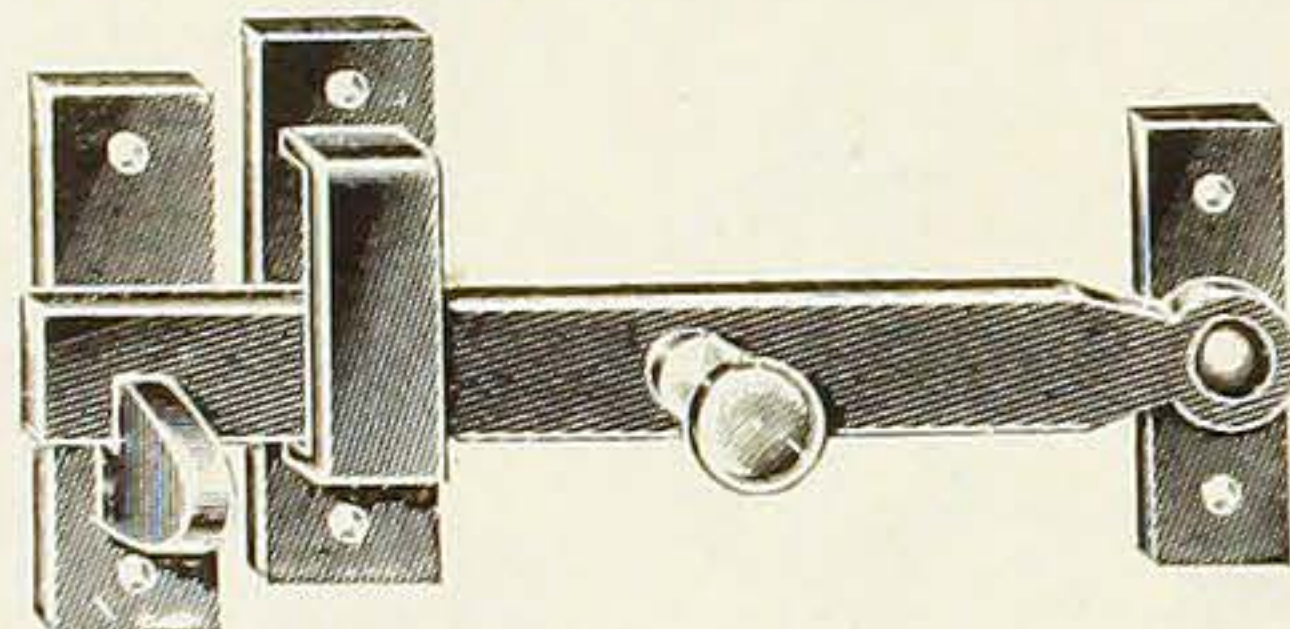
EXTRA STRONG.

SEE ALSO
DESIGNS
OF
THUMB
LATCHES
on page 42.

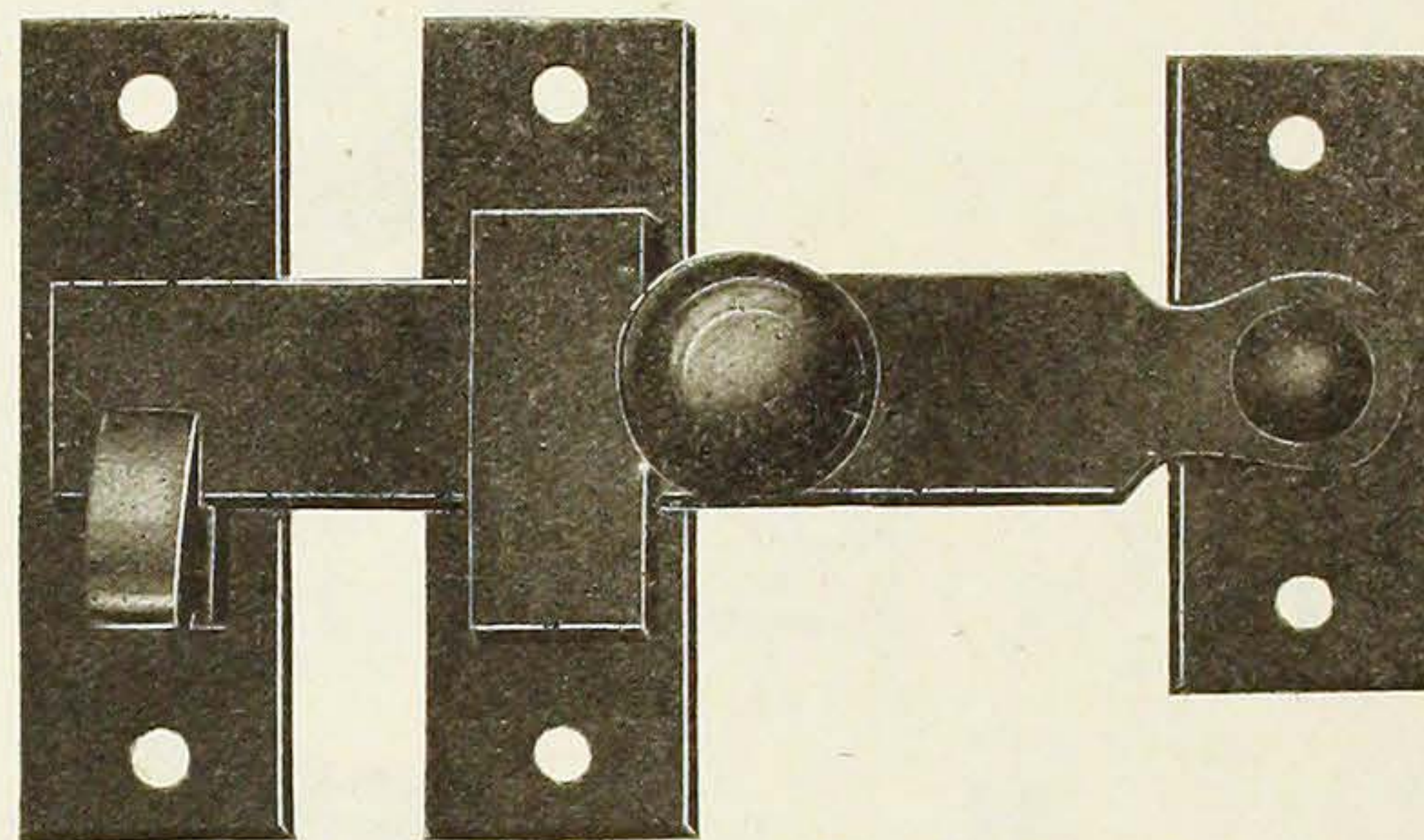
Fall $9\frac{1}{2}'' \times 1'' \times \frac{3}{8}''$ Plates 8G. Art Black.
No. PHS 6754 47/3 dozen sets, 4/3 per set.
No. PHQ 6755 50/- " " 4/5 " "
Complete with Handle No. PHS 6754 shewn on
right-hand side of page.



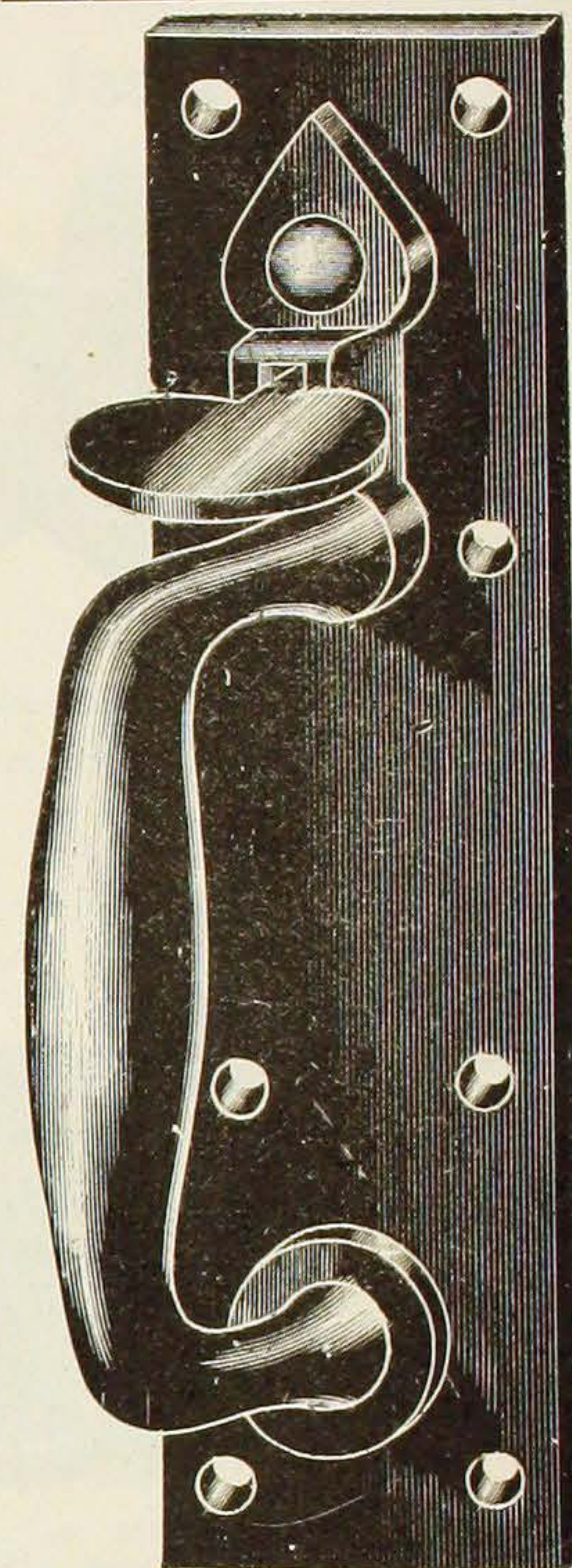
ALL STEEL SUFFOLK LATCHES.



No. PHS 6208 All Steel Suffolk Latch,
9/3 per dozen, 10d. each.



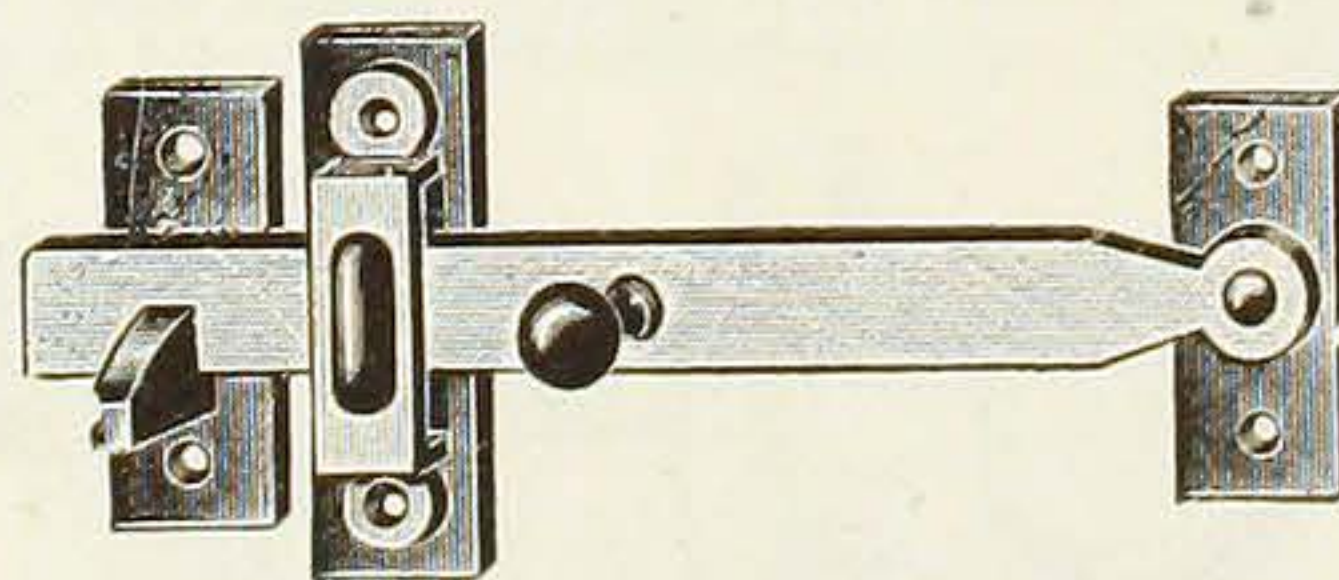
No. PHS 6770 Latch Furniture only.
Latch $4\frac{1}{2}''$, Plates $3'' \times 1''$, B.B. finish, 9/9 per dozen, 1/- each.



No. PHS 6754
Plate $9'' \times 2\frac{1}{4}'' \times 8G$ Handle.

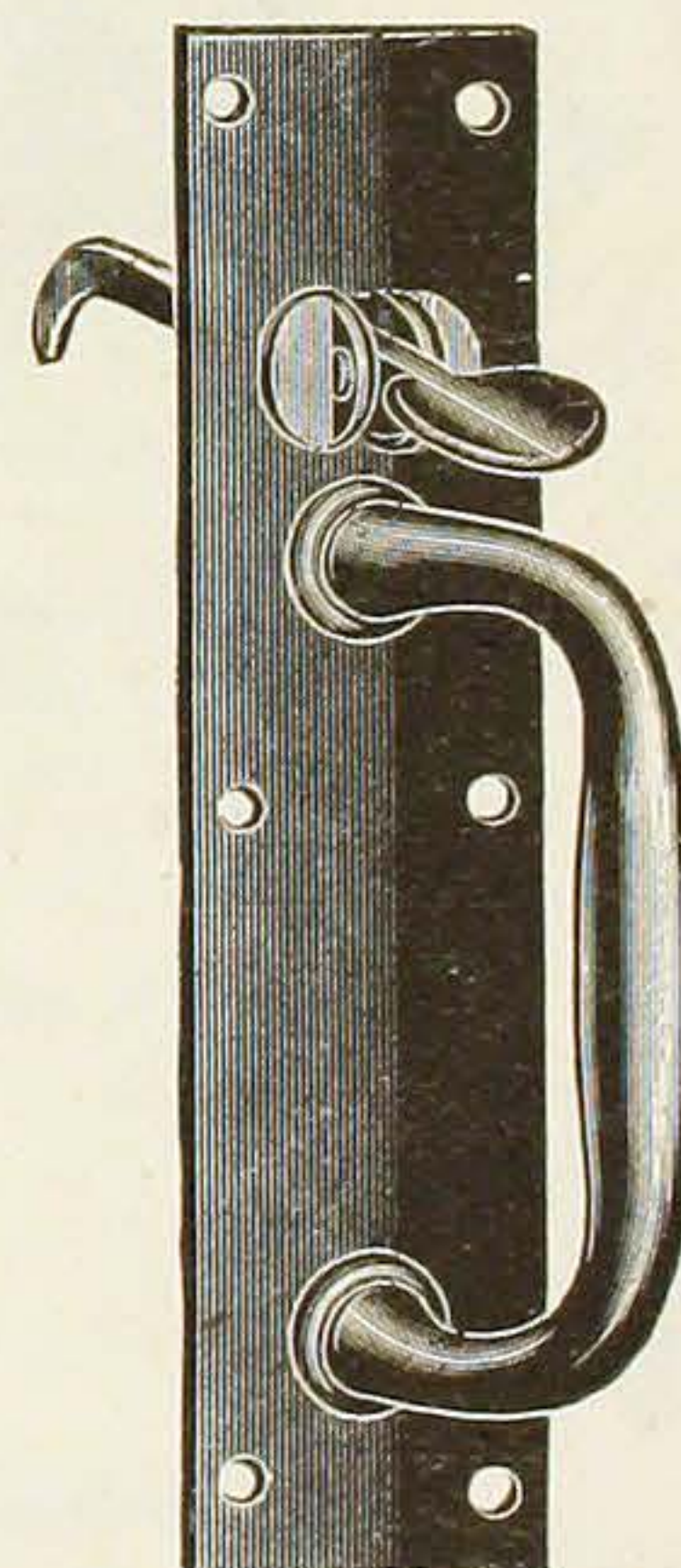
IMPORTANT. — When
ordering state "Hand"
and thickness of door.

ART BLACK THUMB LATCHES.

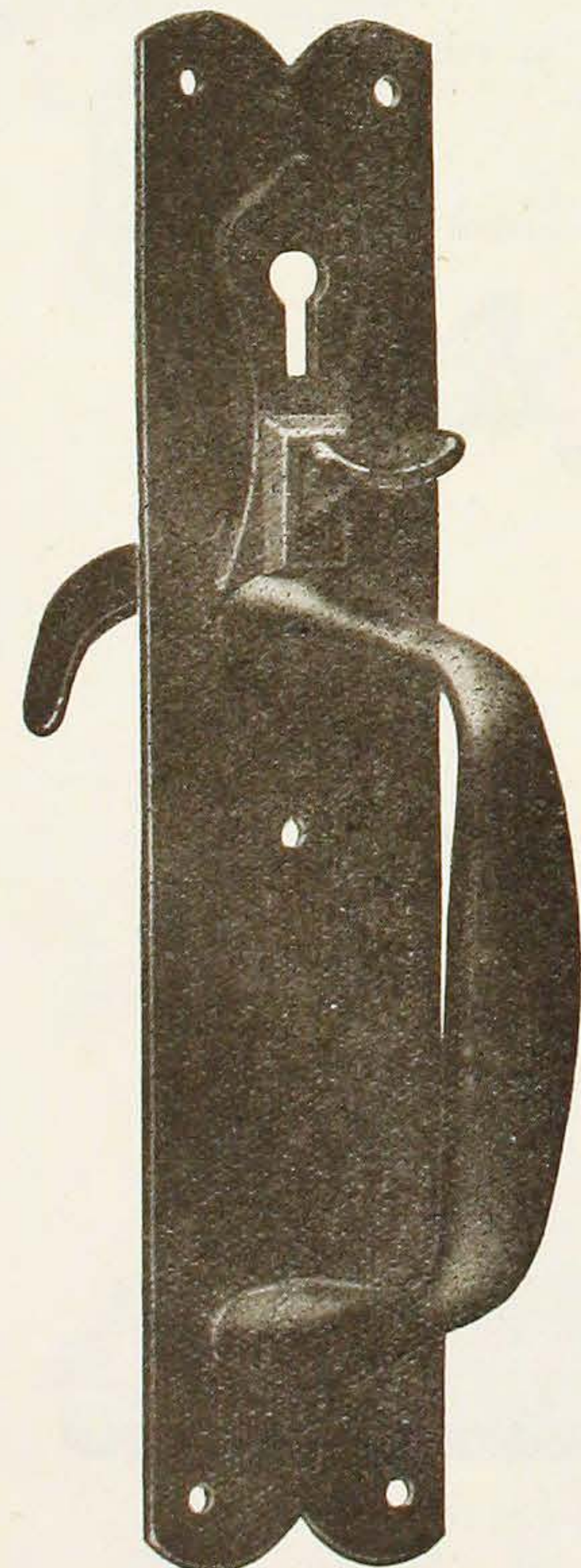


No. PHS 6227 Plate $9\frac{5}{8}'' \times 1\frac{3}{4}''$,
Latch $7\frac{1}{2}''$ 21/6 per dozen, 1/11 each.

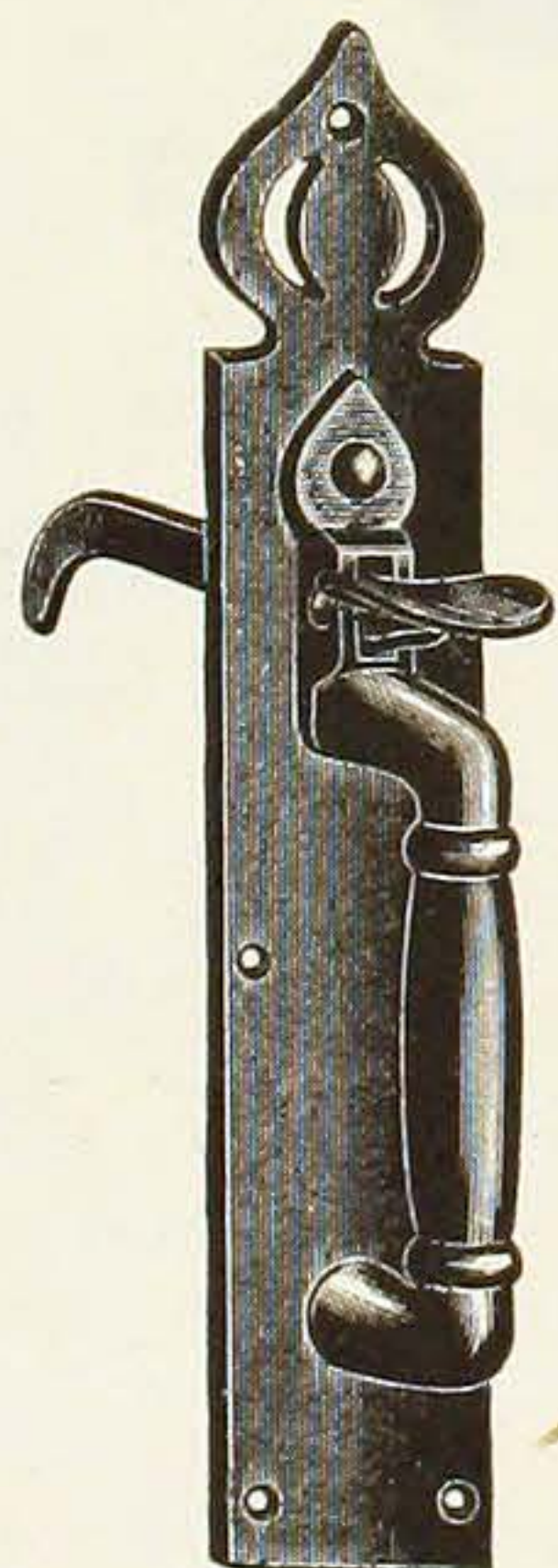
No. PHS 6206 Plate, $8'' \times 1\frac{3}{4}''$,
Latch $7\frac{1}{2}''$ 16/3 per dozen, 1/5 each.



No. PHS 6206

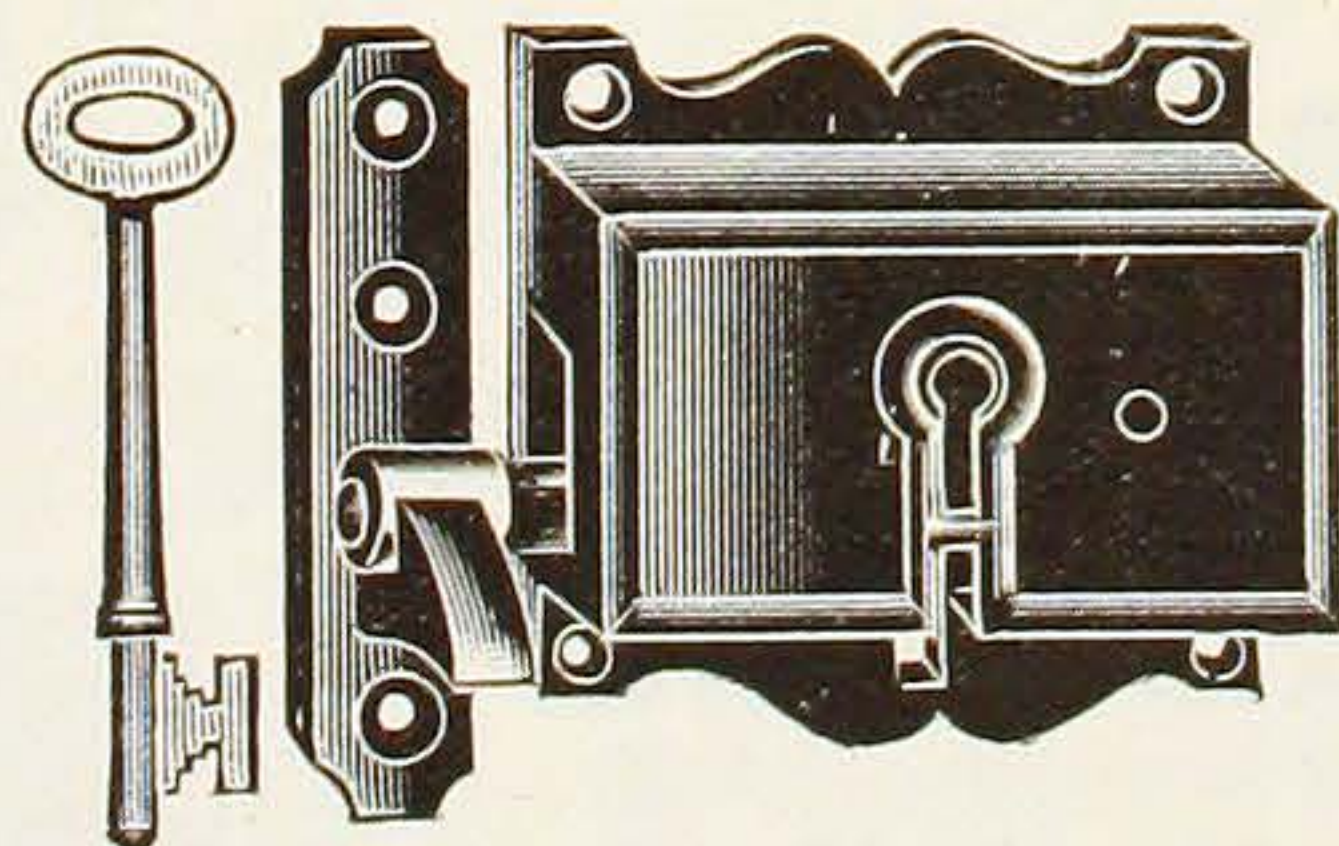


No. PHS 6209

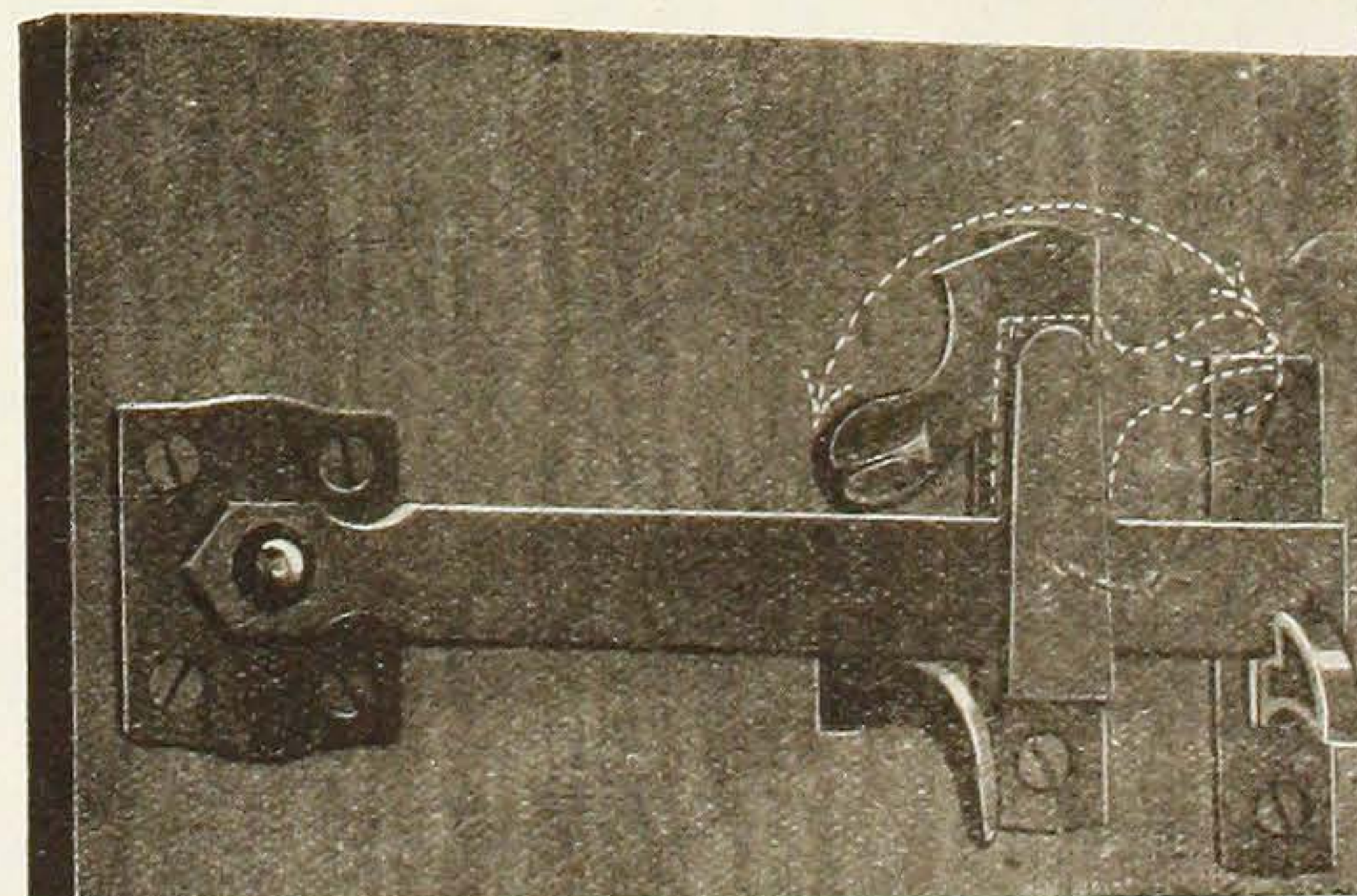


No. PHS 6227

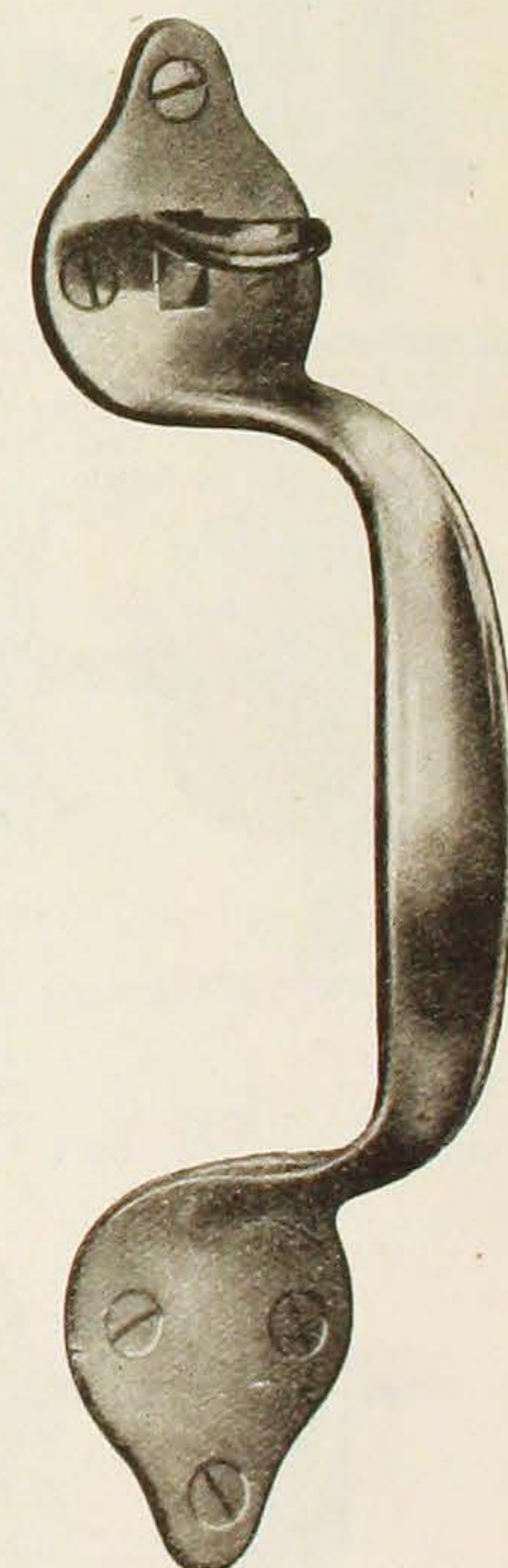
MALLEABLE REVERSIBLE
LOCKING LATCH.
Malleable Iron, Berlin Blacked.



No. PHS 6209 Reversible Locking
Latch.
Berlin Black ... 7/- per set.
Sheradized B.B. ... 8/6 " "
Parwinac R.R. ... 8/6 " "



No. PHS 3103 Latch Furniture.
Complete with Special Drop Bolt. Price includes Thumb
Latch Handle No. PHS 6228 on page 242 and Latch
Furniture with Drop Bolt, as shewn above.
Art Black, 3/- each. Brass, 13/- each.
Bronze Metal Antique 16/- each.



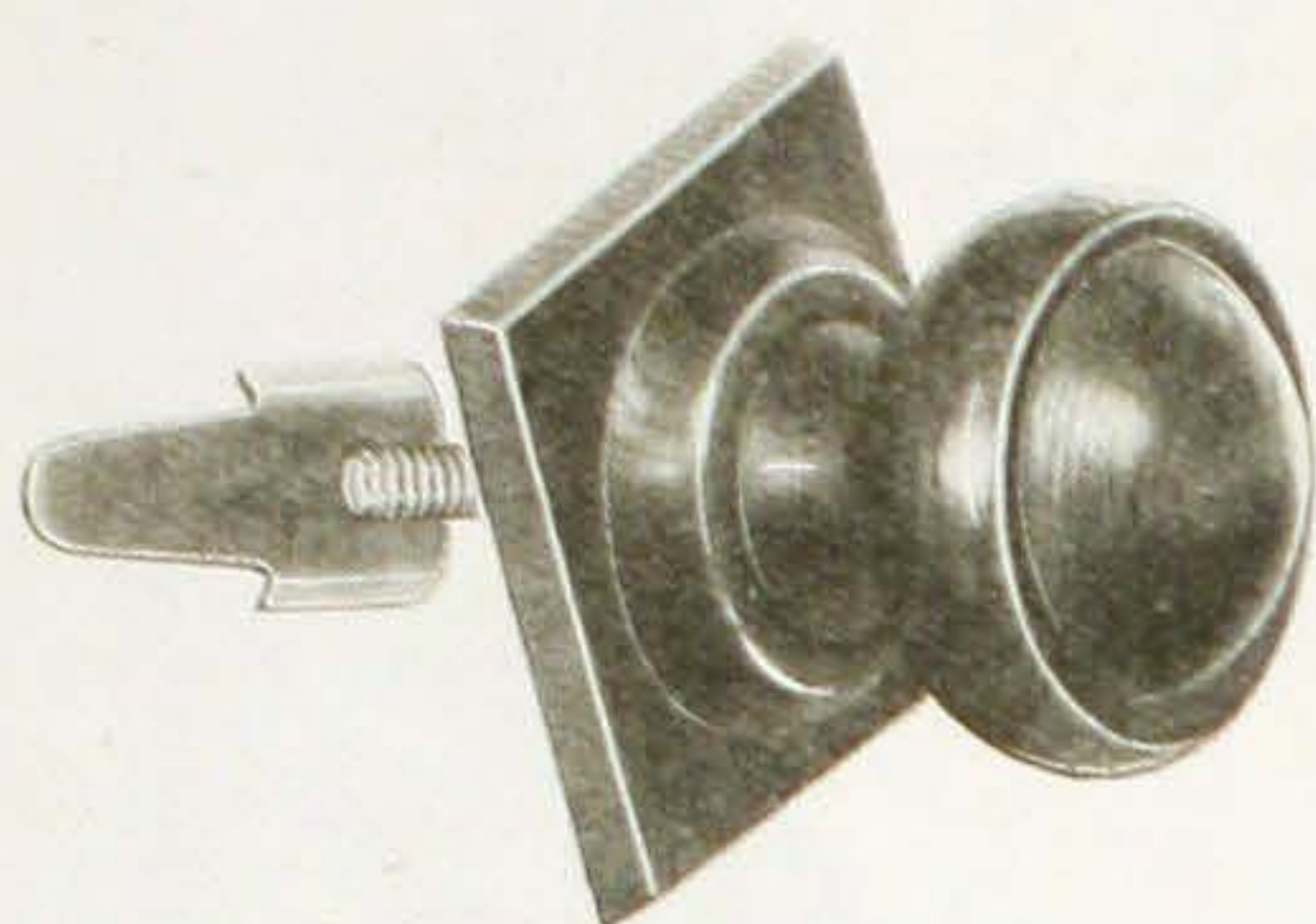
No. PHS 6718
THUMB LATCH.

Handle only.

Berlin Black 2/5 each.
Sheradized B.B. 3/- " "
Parwinac R.R. 3/- " "
Polished Brass 7/6 " "
C.B. & R. on
Brass ... 8/6 " "
B.M.A. ... 8/9 " "

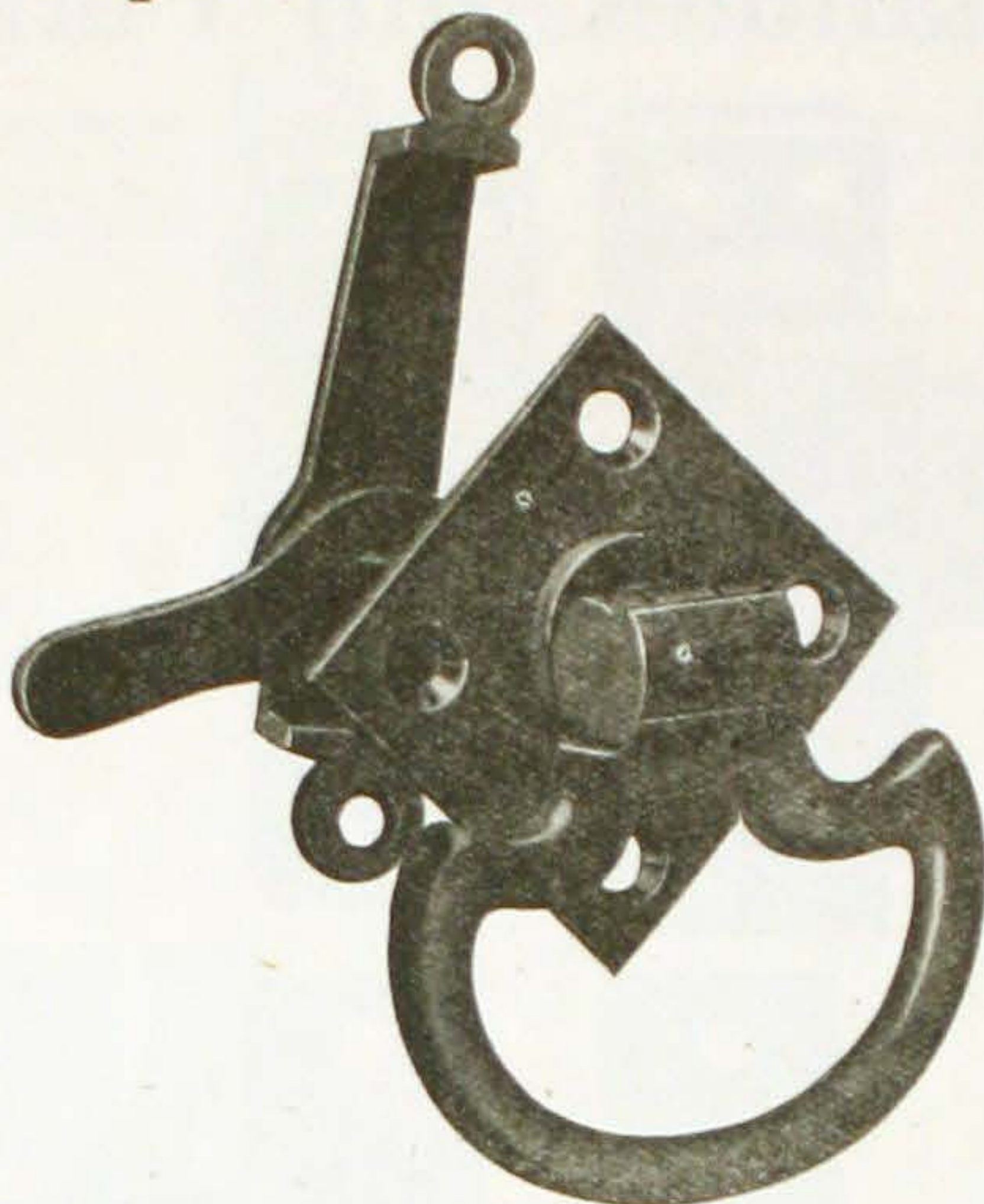
Best Quality Cupboard Turns and Buttons

*Stocked only in Real Cocoa.
 **Stocked only in B.B.
 ***Stocked only in Brass and B.M.A.

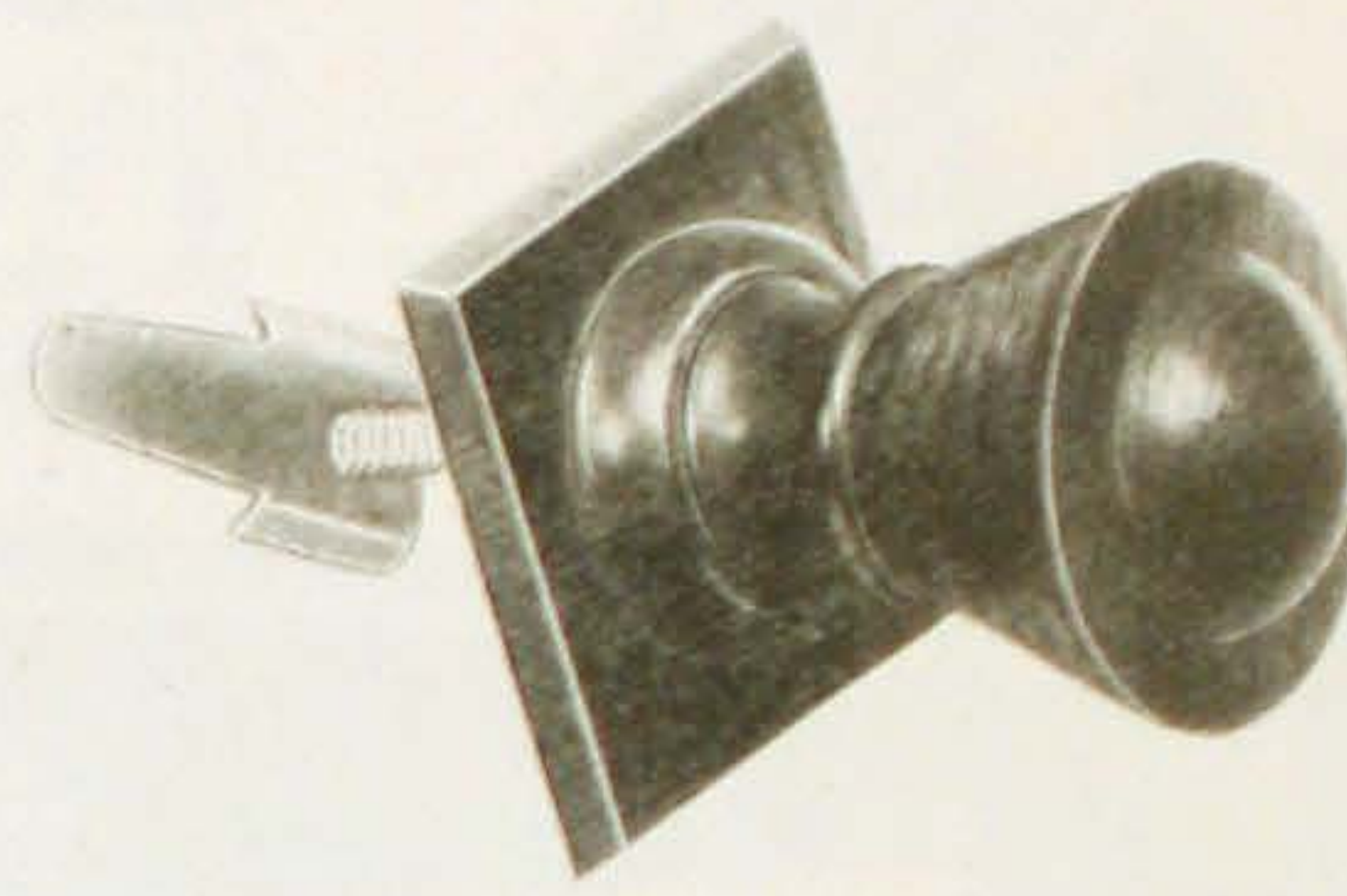


No. PHS 2766 Size 1 1/2"
 Oak, Fumed Oak, Walnut or Ebonized.

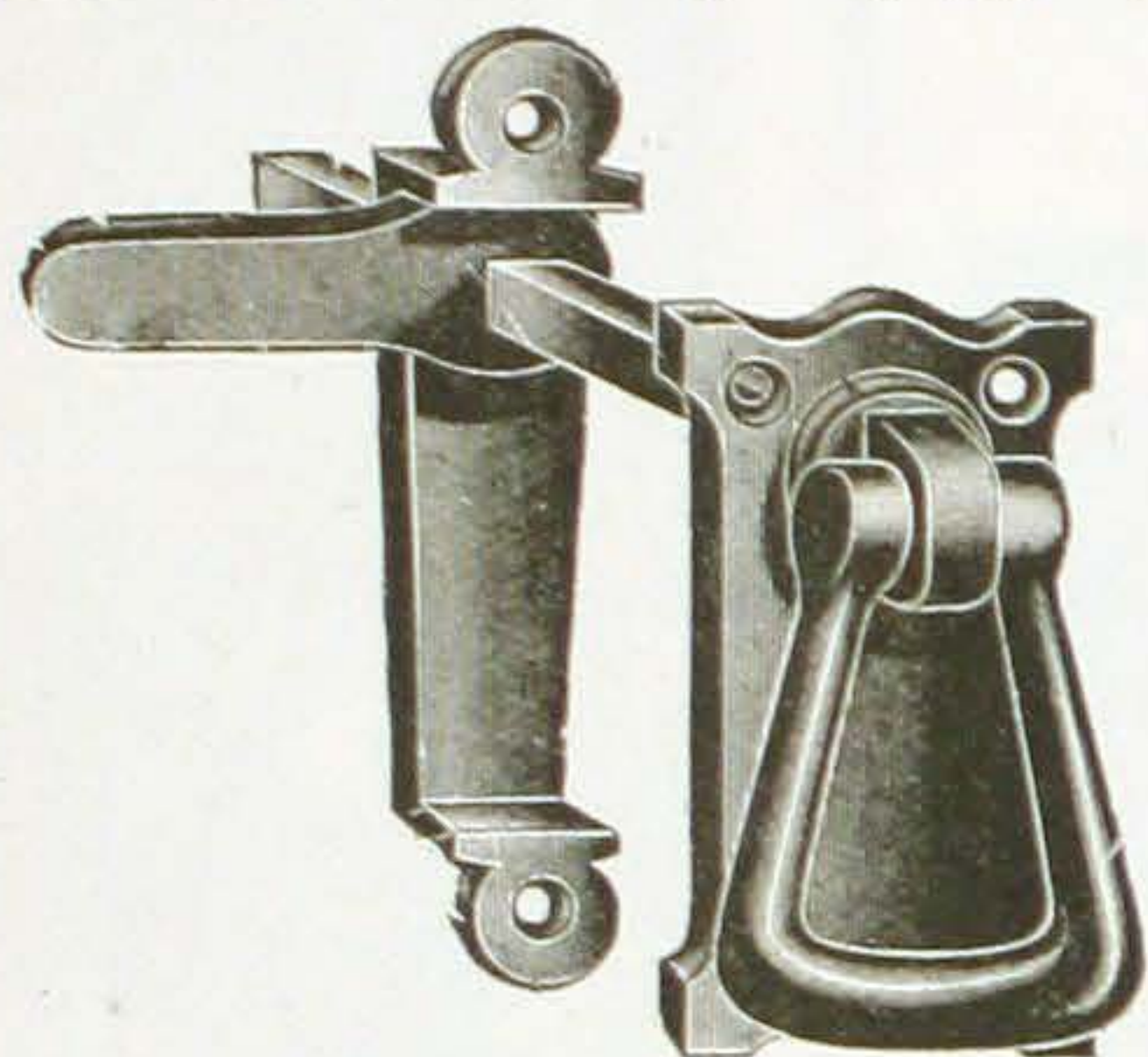
To match Wood Furniture No. PHS 3300 on page 54.
 Loose Wood Roses 13/3 1/3
 Real Cocoa 14/3 1/4
 Real Ebony 14/3 1/4



No. PHS 2769
 Plate 1 1/2" x 1 1/2" Ring handle 2"
 dozen. each.
 Berlin Black 17/6 1/8
 Sheradized B.B. 22/9 2/-
 Parwinac R.R. 23/9 2/2
 Brass 52/6 4/6
 C. B. & R. on Brass 59/6 5/2
 Bronze Metal Antique 68/3 5/10



No. PHS 2767 Size 1 1/2"
 Oak, Fumed Oak, Walnut or Ebonized.
 To match Wood Furniture No. PHS 3305 on page 53.
 Loose Wood Roses 13/3 1/3
 Real Cocoa 14/3 1/4
 Real Ebony 14/3 1/4



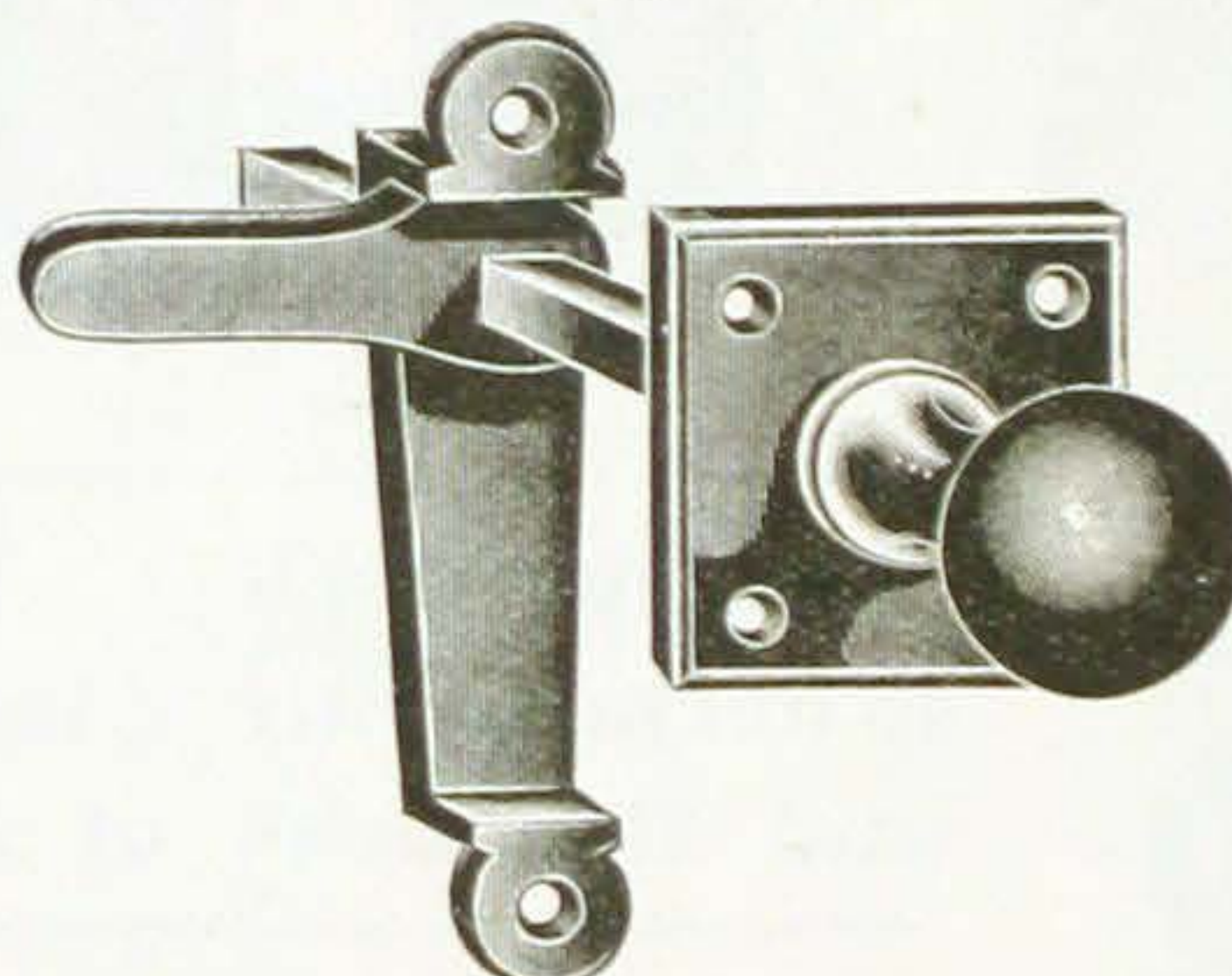
No. PHS 2770
 Plate 2 1/2" x 1 1/2" Drop handle 1 1/2" x 1 1/2"
 Art Black, 14/9 dozen; 1/4 each.



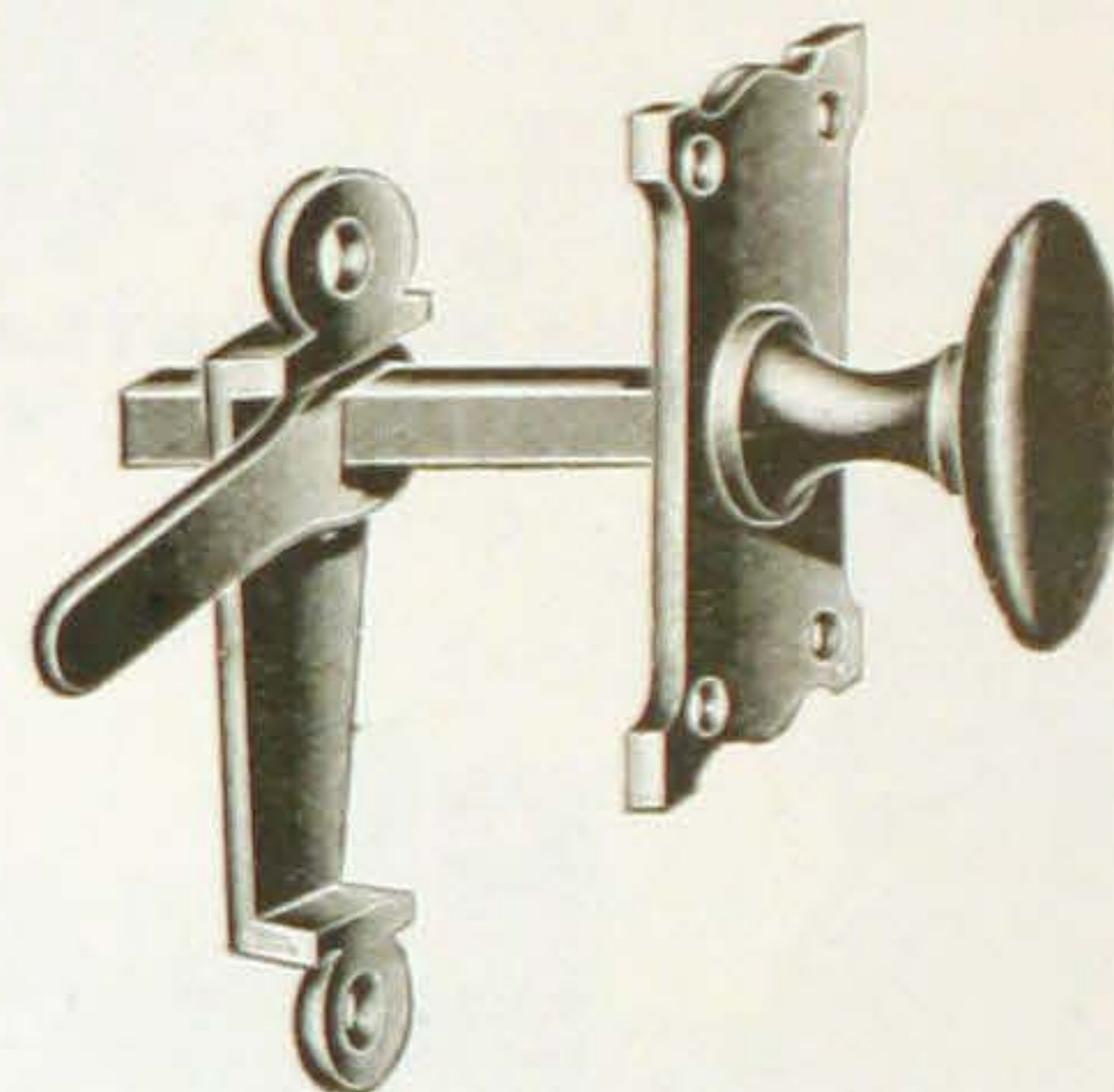
No. PHS 2714
 To Match Wood Furniture,
 No. PHS 9155 on page 53. Metal Rose
 fitted with "P.W.A." Iron Furniture.
 13/3 per dozen.



No. PHS 2715 (Pear Shape)
 To match Wood Furniture No. PHS 8990
 on page 53, half round Wood Rose,
 7/6 per dozen.
 Fitted with "P.W.A." Iron Furniture,
 as No. PHS 2714, 12/4 per dozen.



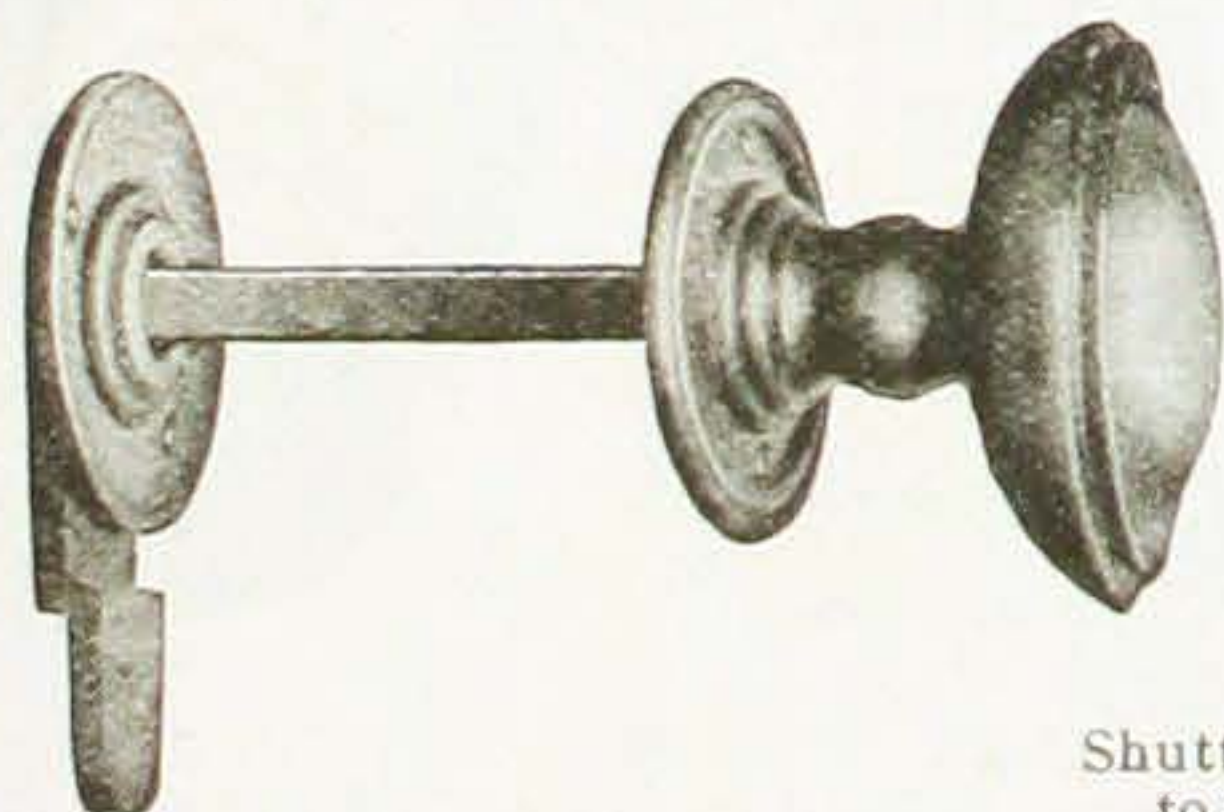
No. PHS 3126
 Plate 1 1/2" x 1 1/2" Round Knob, 1".
 Art Black, 14/9 dozen, 1/4 each.



No. PHS 3125
 Plate 2 1/2" x 1 1/2" Oval Knob, 1 1/2" x 1 1/2"
 Art Black, 14/9 dozen, 1/4 each.

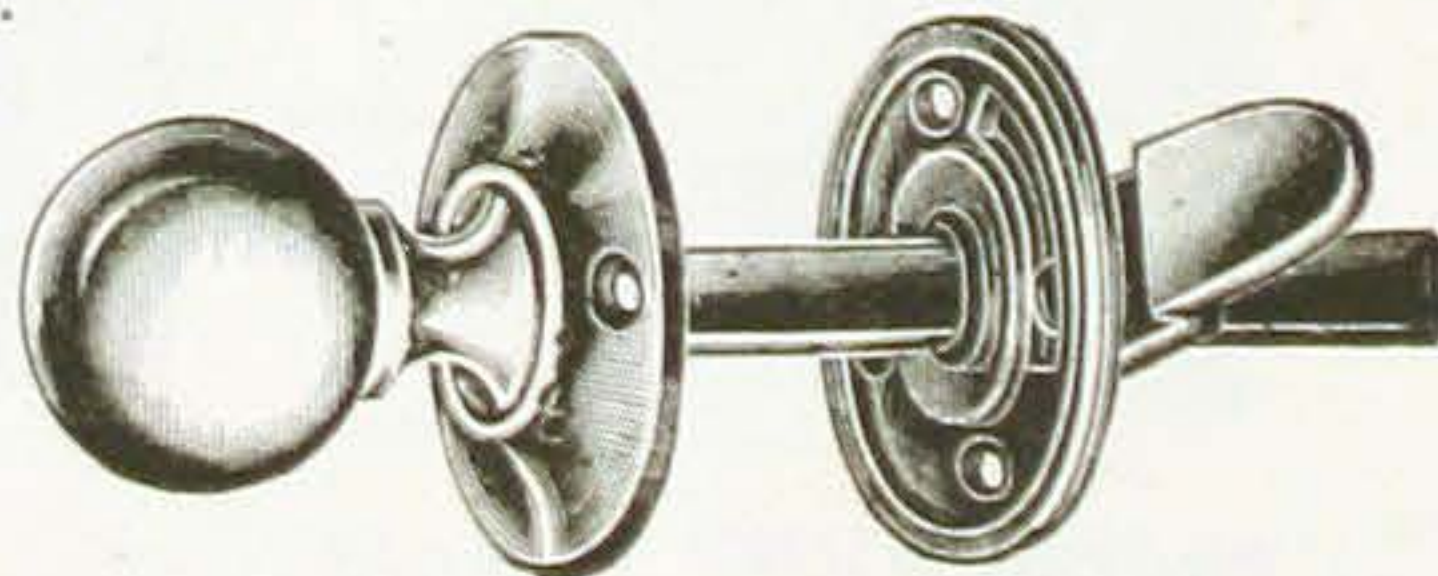


No. PHS 4229
 Ball Knob, 1"
 dozen. each.
 Art Black 13/3 1/3
 Polished Brass 25/6 2/3
 C. B. & R. on Brass 28/- 2/6
 Bronze Metal Antique 29/- 2/7
 Oxidized Silver on White Metal 34/3 3/-



No. PHS 3127 Size 1 1/2" full.
 dozen. each.
 Polished Brass 32/6 2/10
 C. B. & R. on Brass 35/- 3/1
 Bronze Metal Antique 38/6 3/4
 Oxidized Silver on White Metal 49/- 4/3

Shutter Knob
 to match
 No. PHS 2696
 dozen. each.
 22/9 2/-
 25/- 2/3
 28/- 2/6
 36/9 3/3



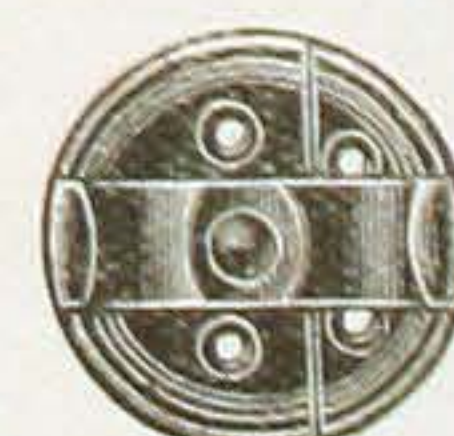
Furniture to match on page 48.

1" ROUND KNOB.
 No. PHQ 3128
 With Round Rose.
 No. PHQ 3129
 With Square Rose.

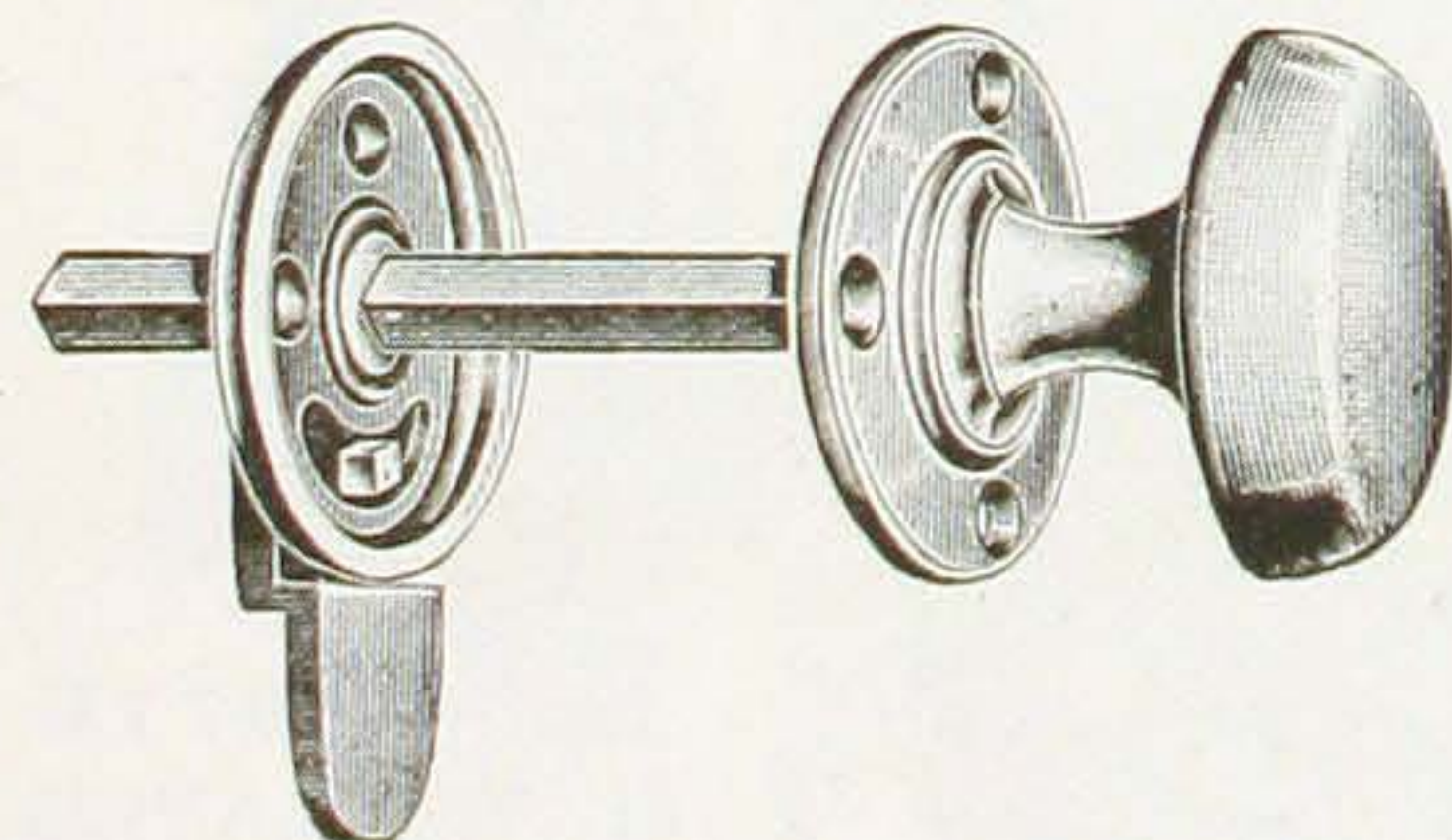
OVAL KNOB.
 No. PHQ 3130
 With Round Rose.
 No. PHQ 3131
 With Square Rose.

	Nos. PHQ 3128 and 3130	Shutter Knob to match either.	Nos. PHQ 3129 and 3131	Shutter Knob to match either.
Polished Brass	26/3	14/-	28/-	15/9 dozen.
C. B. & R. on Brass	2/4	1/3	2/6	1/4 each.
Bronze Metal Antique	31/6	15/9	33/3	17/6 dozen.
	2/9	1/4	2/11	1/8 each.
	31/6	16/9	33/3	18/6 dozen.
	2/9	1/6	2/11	1/9 each.

CUPBOARD BUTTONS. Iron japanned.



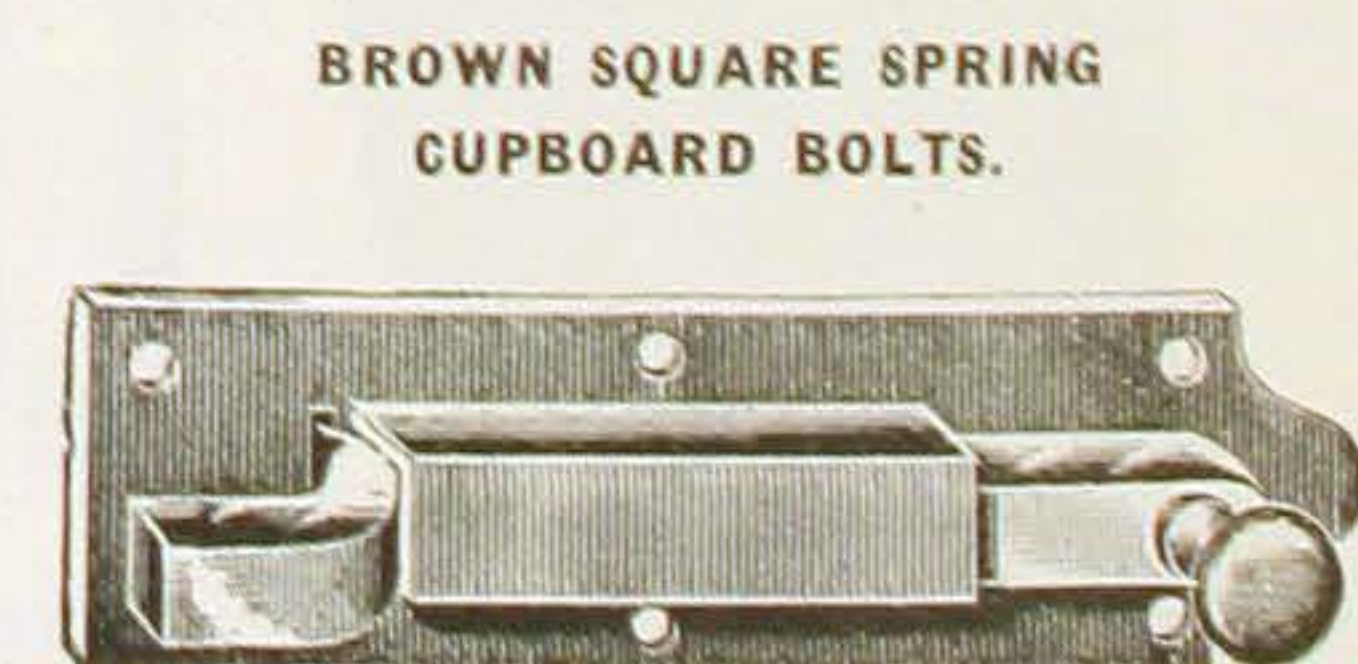
	No. PHS 6396 Light.	No. PHS 6397 Strong.	No. PHS 6404 Winged.	No. PHS 6398 On Plate.
Size	1" 1 1/2"	1 1/2" 2"	1 1/2" 2"	2 1/2" 3"
No. PHS 6396	2/9 3d.	3/1 4d.	3/6 4d.	5/6 7d.
No. PHS 6397	—	—	4/- 5d.	6/3 8d.
No. PHS 6404	—	—	4/- 5d.	6/3 8d.
No. PHS 6398	—	—	19/- 1/8	25/6 2/3



No. PHS 2768

Size.	Brass.	C.B.&R. on Brass.	Bronze Metal Antique.	Oxidized Silver White Metal.
1 1/2"	21/6	22/6	26/9	37/3 dozen.
	1/11	2/-	2/4	3/3 each.
1 1/4"	28/6	29/-	34/2	44/3 dozen.
	2/6	2/7	3/-	3/10 each.

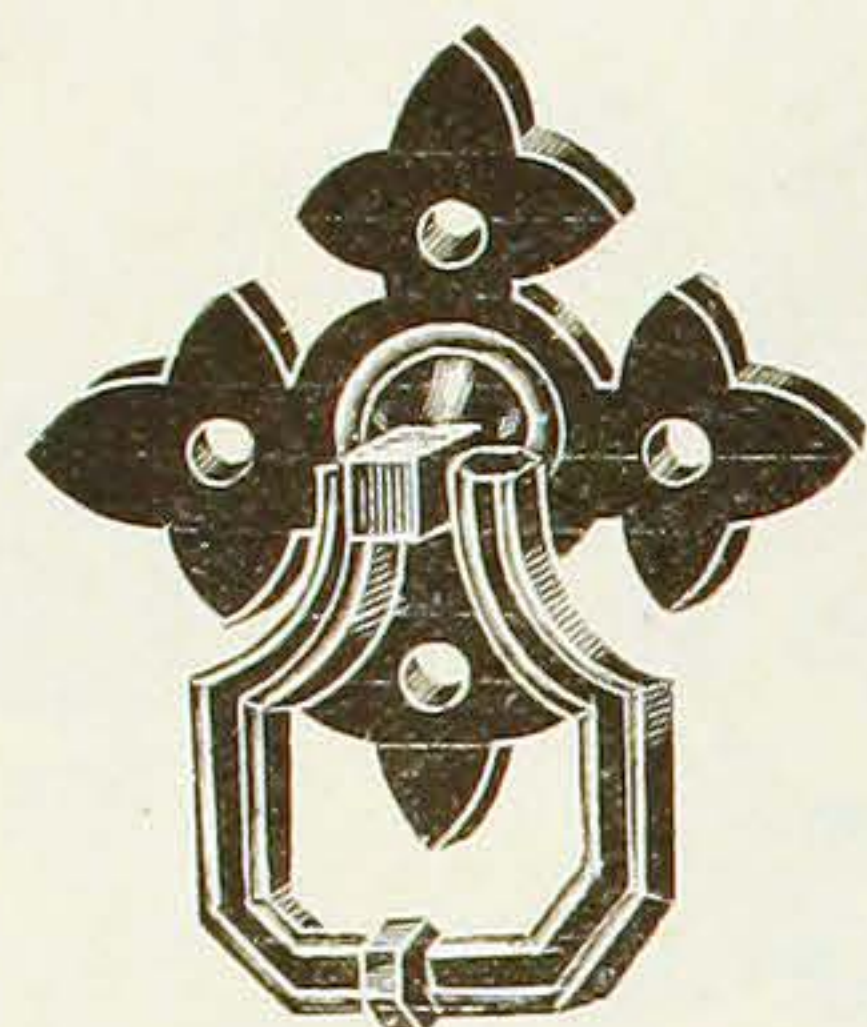
If supplied as Shutter Knob No. PHS 2697,
 prices are one-third of above.



BROWN SQUARE SPRING
 CUPBOARD BOLTS.

No. PHQ 17 Iron, Brass Knob.
 3" 3 1/2" 4" 5" 6"
 4/2 4/9 5/2 6/3 6/10 doz.
 5d. 6d. 6d. 7d. 8d. each.

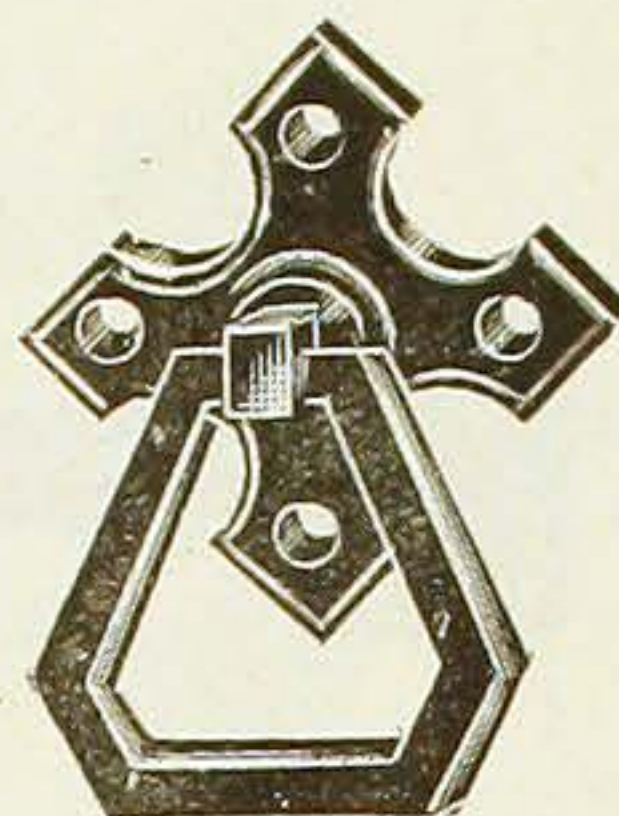
Cabinet and Drawer Handles, etc.



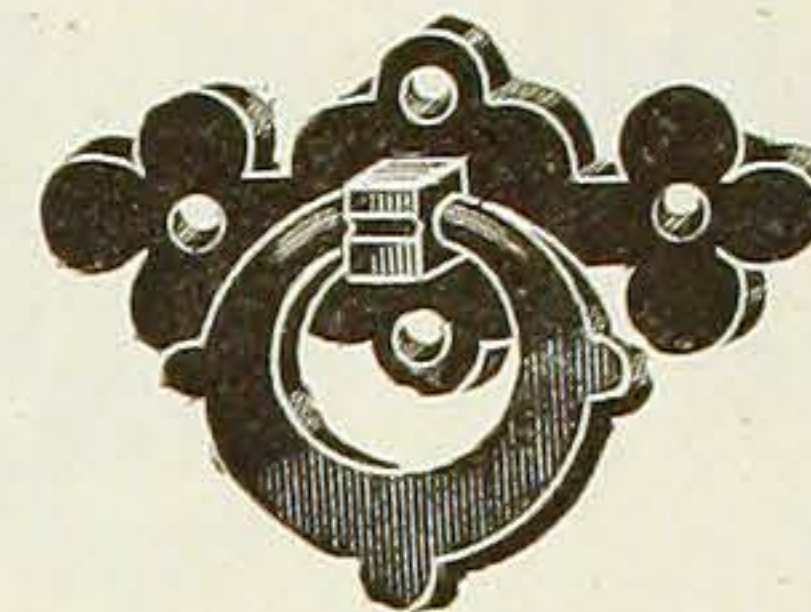
No. PHQ 6571
Plate 2½" Handle 2"
Art Black.
14/- dozen, 1/3 each.



No. PHQ 6572
Plate 1½" Handle 1½"
Art Black.
14/- dozen, 1/3 each.



No. PHQ 6573
Plate 1½" Handle 1½"
Art Black.
14/- dozen, 1/3 each.



No. PHQ 6574
Plate 2½" × 1" Handle 1½"
Malleable. Berlin Black.
13/2 dozen, 1/3 each.



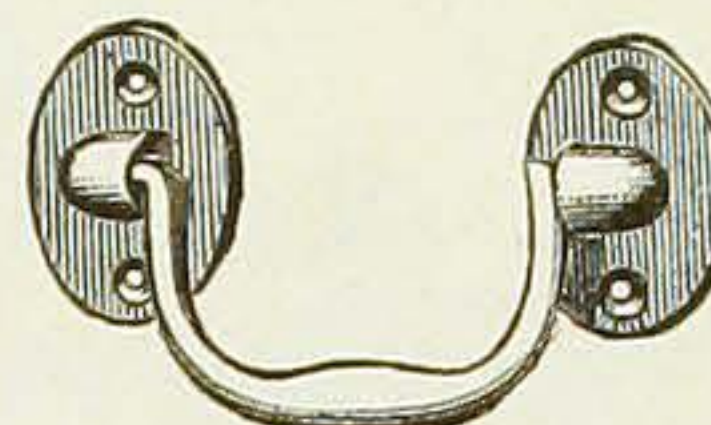
No. PHQ 6575
Plate 3½" × 1½" Handle 2"
Art Black.
17/6 dozen, 1/7 each.



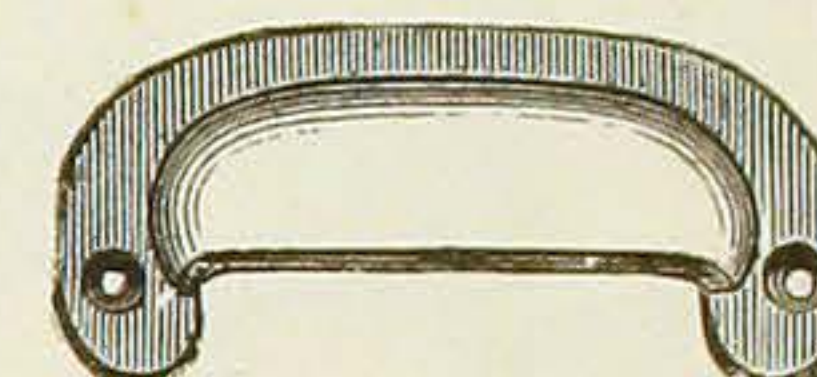
No. PHS 6389
Bronzed.
Size 4½" 5"
Per dozen 1/- 1/6



No. PHS 6387
Japanned Steel. 4"
8/9 per gross.



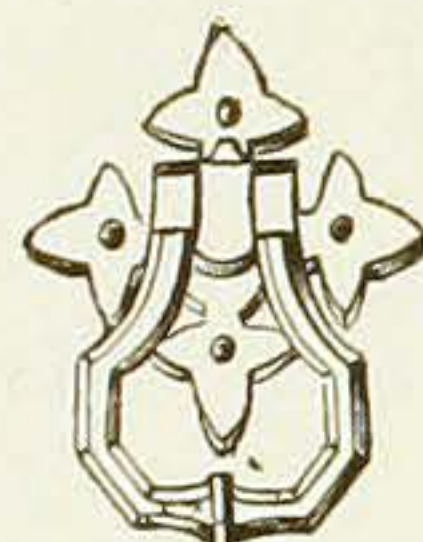
No. PHS 6391
Japanned Iron with Loose or Jointed Ears.
Width Inside Handle 2" 2½" 3" 3½" 4" 4½"
Per doz. pairs 4/- 4/6 5/8 7/2 9/6 11/-



No. PHS 6388
Cast Iron, Japanned.
Extreme Size 4½" 4¾" 5"
Width Inside Handle 3" 3½" 3¾"
Per dozen 1/2 1/4 1/7

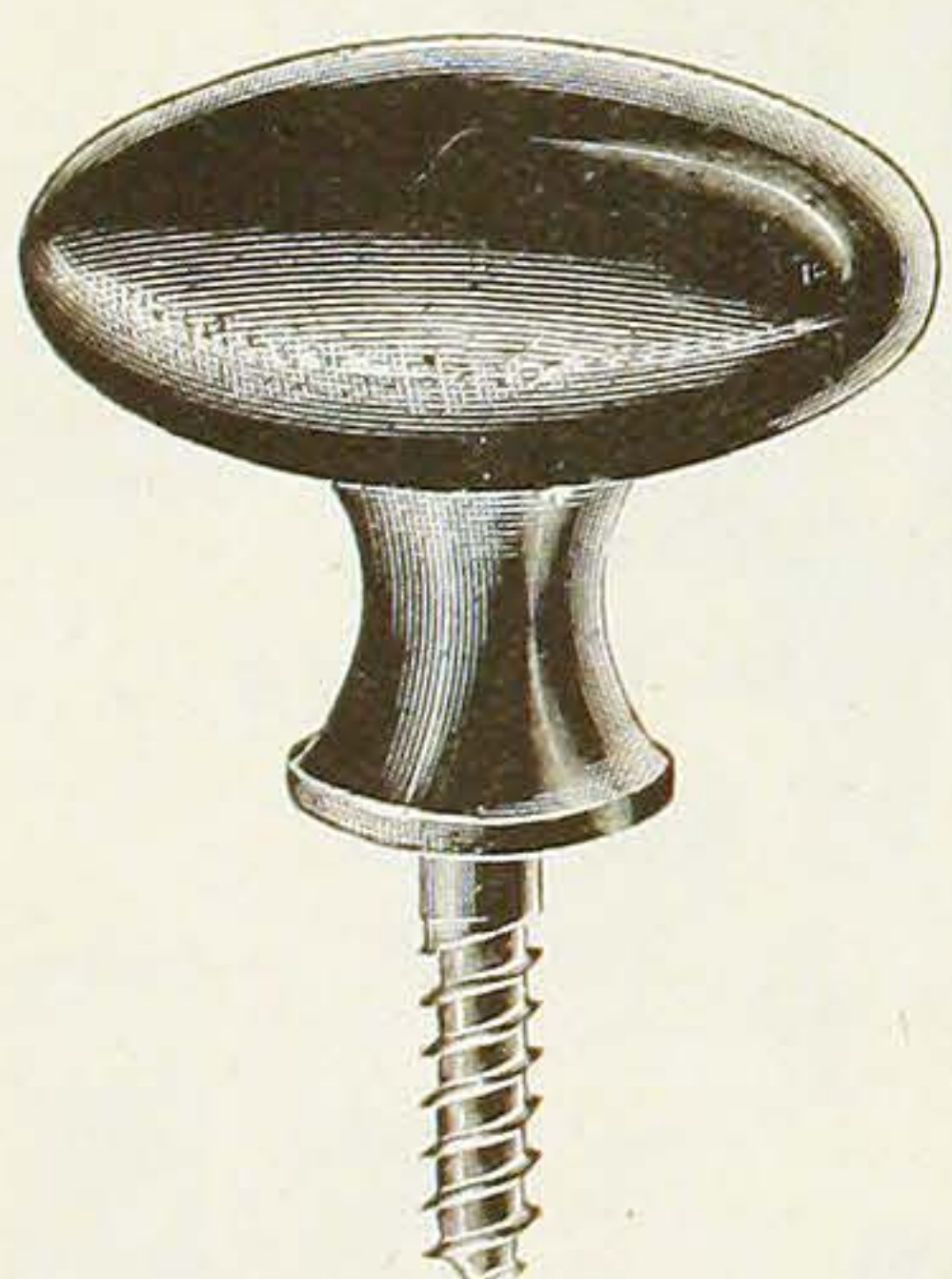


No. PHQ 6577
2½" Inside Handle.
dozen. each
Berlin Black 16/9 1/6
Brass 37/3 3/3



No. PHQ 6578
Size outside 1½" 1¾" 1½" 2" 2½"
Berlin Black 10/6 11/6 12/3 13/2 14/- doz.
1/- 1/1 1/2 1/3 1/4 each.
Brass 23/10 25/4 28/3 32/9 35/8 dozen.
2/2 2/3 2/6 2/10 3/2 each.

No. PHS 6392
Best Malleable. Japanned, with Stop.
Width inside Handle 2½" 3" 3½" 4"
Per dozen pairs 8/- 9/8 10/6 12/3



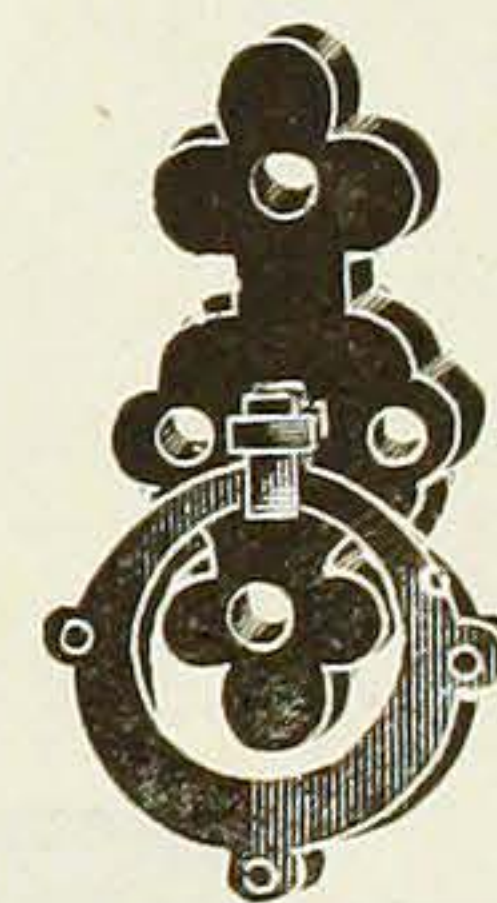
No. PHS 6399
Cupboard Knob. Japanned.
Size 1" 1½" 1¾" 1½" 1¾"
11/- 12/3 14/- 17/6 22/9 gross.



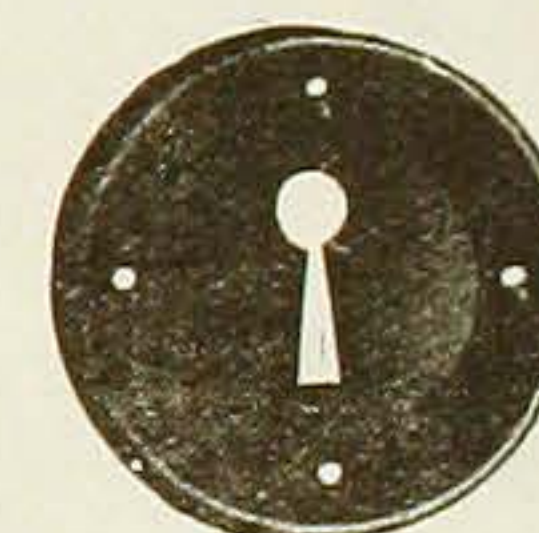
No. PHS 6580
CUPBOARD KNOB.
With Screw and Nut.
Japanned Best Finish.
1½" 1¾"
31/6 35/- gross.



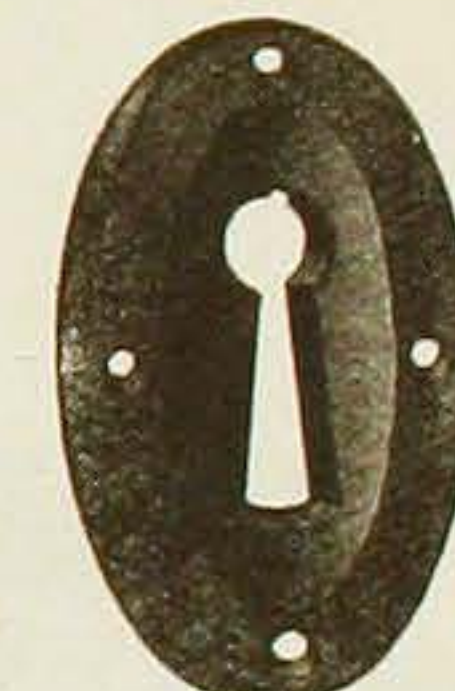
No. PHQ 6579
Plate, 2½" Handle, 2½" × ¾"
Brass 26/9 dozen, 2/4 each.



No. PHQ 6576
Plate, 2" × 1" Handle, 1½"
Art Black, 14/- dozen, 1/3 each.



No. PHS 5988
5/3 dozen.



No. PHS 5984
5/3 dozen.



No. PHQ 6581
Berlin Black 17/6 dozen.
Brass 41/8



No. PHQ 6582
Size 2½" 3" 3½" 3¾" 3½" 4"
Japanned 8/- 8/9 9/8 10/6 11/4 12/3 dozen.



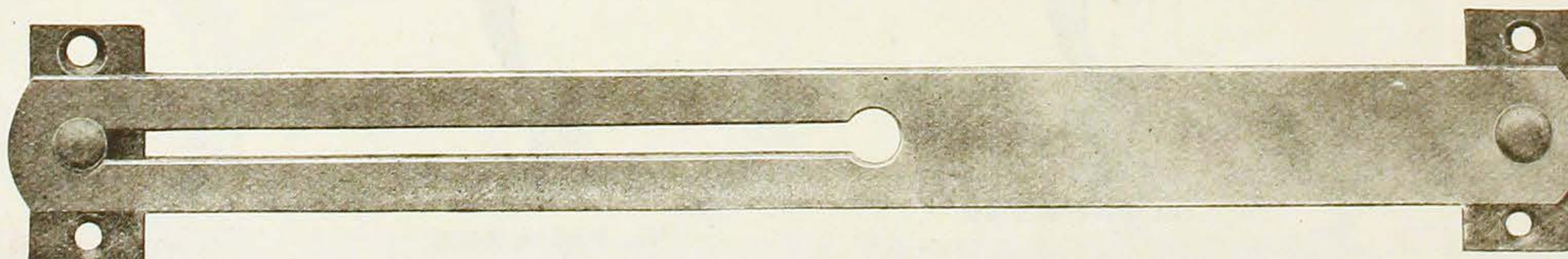
No. PHS 5985
3/6 dozen.



No. PHS 5983
6/3 dozen.

If covered **No. PHS 5986**
7/- dozen.

Shad Bolt Stays



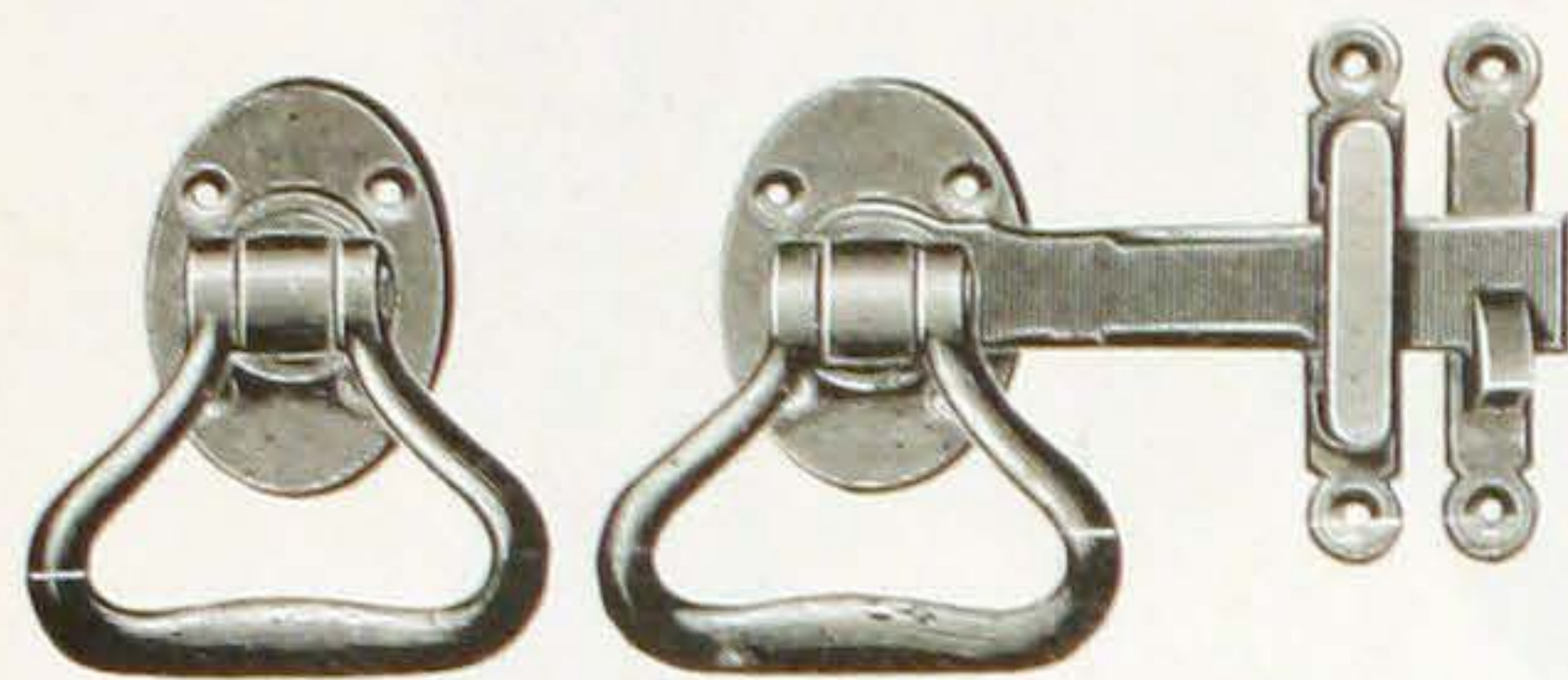
No. PHS 5770

This Shadbolt Stay is a great improvement on the old pattern, as a strong rivet replaces the blade guide screw which often worked loose and fell out.

Size	7½"	10"	12"
dozen.	9/8	10/6	11/6
each.	11d.	1/1	1/1
dozen.	13/3	15/-	17/6
each.	1/2	1/4	1/7
dozen.	17/6	19/3	22/9
each.	1/7	1/9	2/-

*Stocked only with Phosphor Bronze Blades.

Latch Furniture, Door Pulls, etc.



No. PHS 6487 Berlin Black Latch Furniture.

5"	7"
doz. sets. each set.	doz. sets. each set.
73/6 6/3	78/9 6/8

No. PHO 6488 Second Finish Berlin Black.
52/6 4/6 56/- 4/10



No. PHS 6489

Berlin Black Latch Furniture. 5".

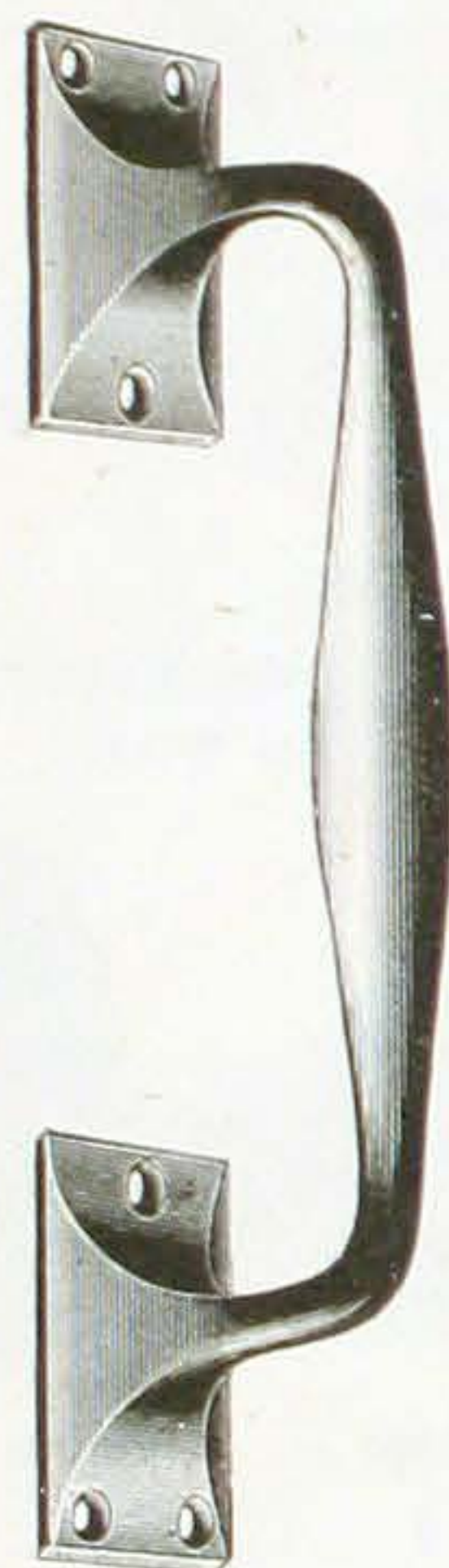
dozen sets.	each set.
36/9	3/3



No. PHS 6497

Rose 3" x 3" Handle 3"

Berlin Black, 21/- dozen, 1/10 each.



No. PHS 6356

Berlin Black.

8"	...	2/3 each.
9"	...	2/8 "
10"	...	3/2 "
11"	...	3/6 "
12"	...	4/2 "



No. PHS 6498

11" overall. Berlin Black.

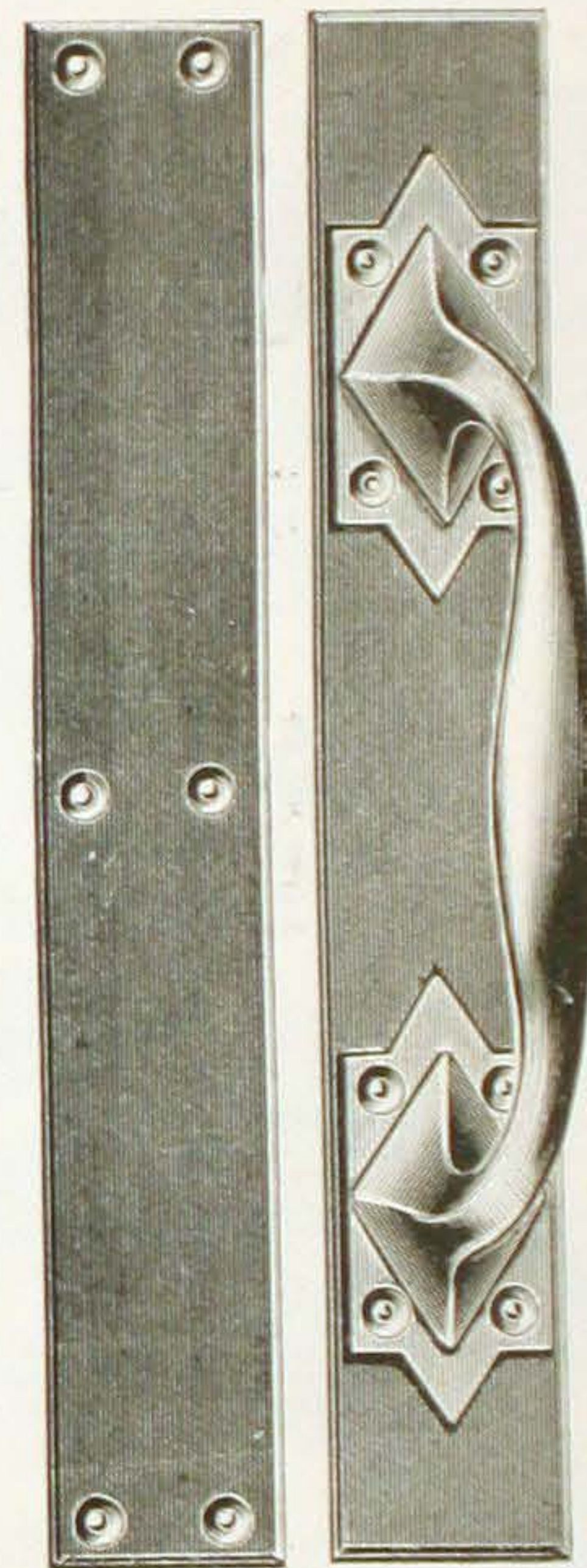
4/3 each.



No. PHS 6512

Plate 12" x 2" Berlin Black.

3/4 each.



No. PHS 6513

Finger Plate.
Size 15" x 2 1/2"
Berlin Black.
2/3 each.

No. PHS 6514

Door Pull on Plate.
Berlin Black.
7/6 each.



No. PHS*6357

Measurement inside grip, 4 1/2"

Japanned ... 13/6 doz., 1/3 each.

Galvanized 17/6 doz., 1/7 each.



No. PHS*6359

Inside M'm't	Japanned	Galvanized	Brass
doz. each.	doz. each.	doz. each.	doz. each.
3"	5/3 6d.	8/- 9d.	16/4 1/5
3 1/2"	6/3 7d.	8/9 10d.	18/- 1/7
4"	7/- 8d.	9/8 1/-	20/9 1/10
5"	11/6 1/1	14/- 1/3	37/3 3/3
6"	14/- 1/3	17/6 1/7	— —



No. PHS*6358

Measurement inside Grip, 4 1/2"

Japanned ... 9/8 doz., 11d. each.

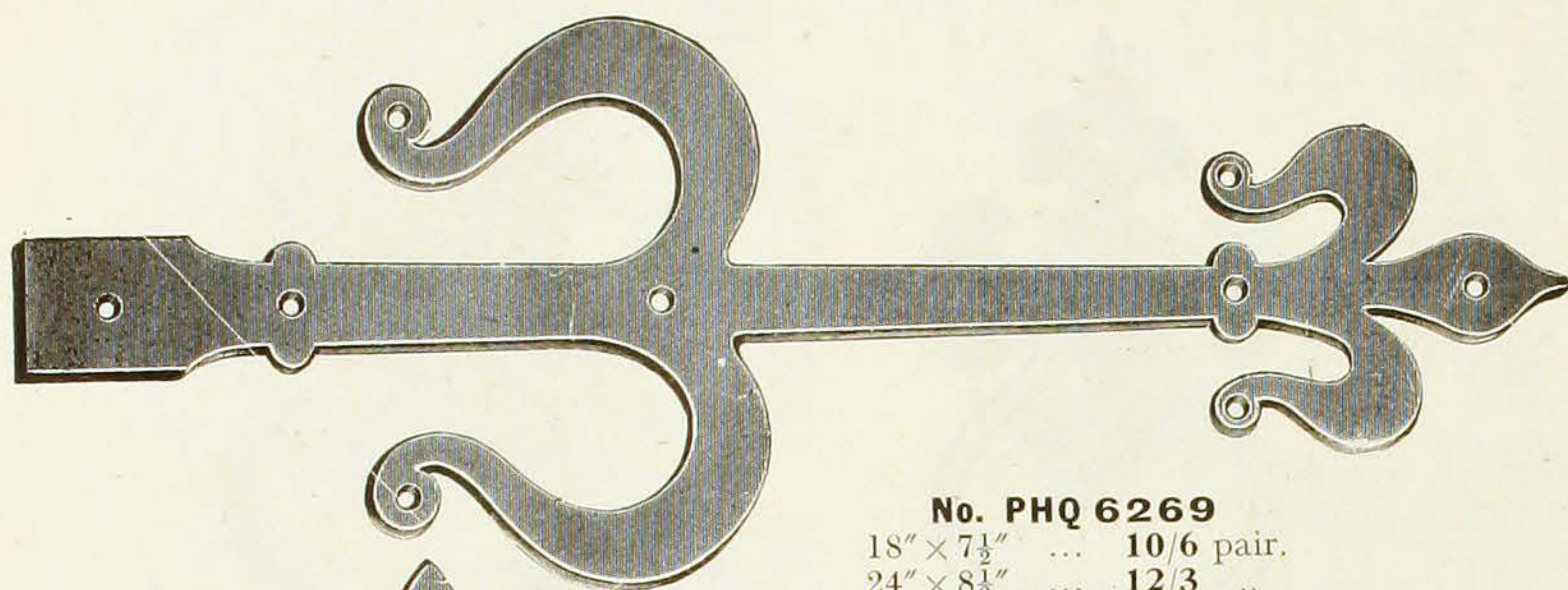
Galvanized 12/3 doz., 1/2 each.



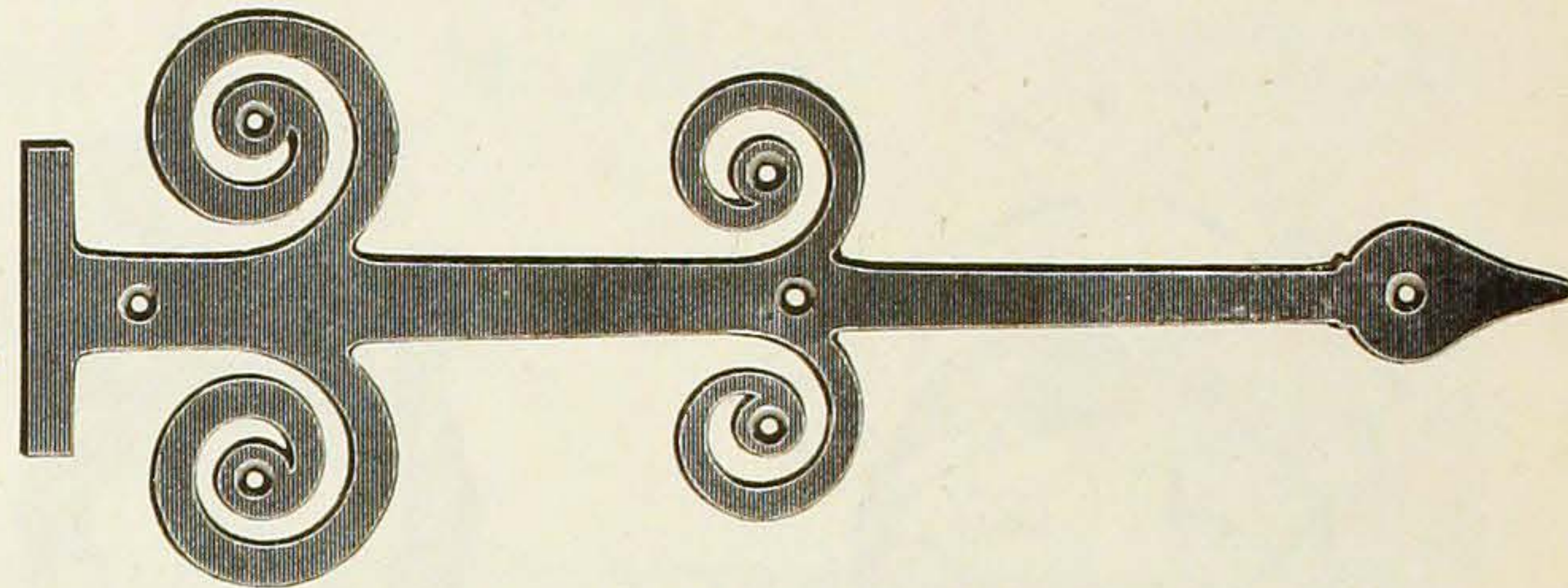
No. PHS 6518

10 1/4" overall. Berlin Black.
2/9 each.

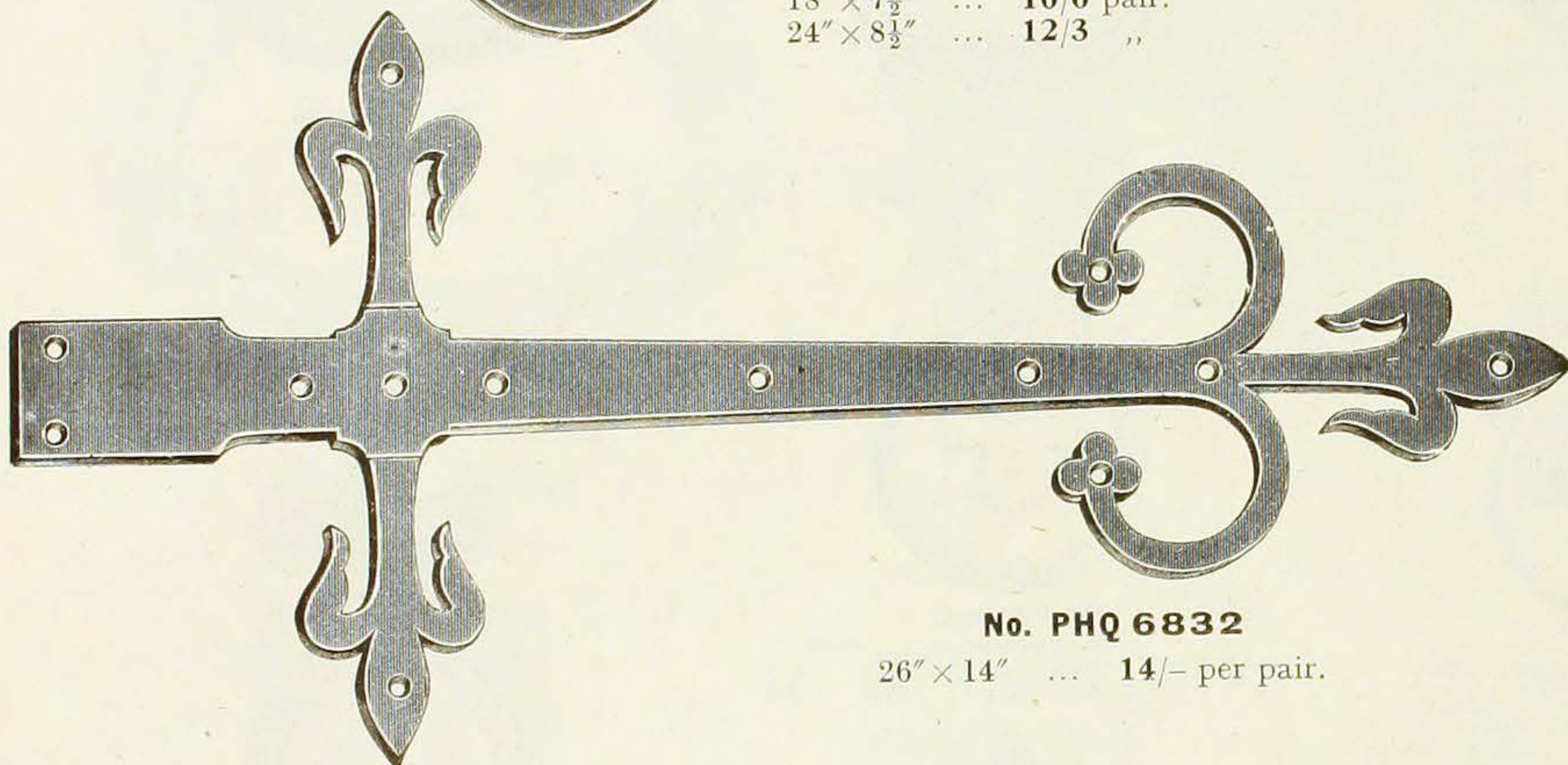
Malleable Iron Hinge Fronts Ground Face and Finished Berlin Black.



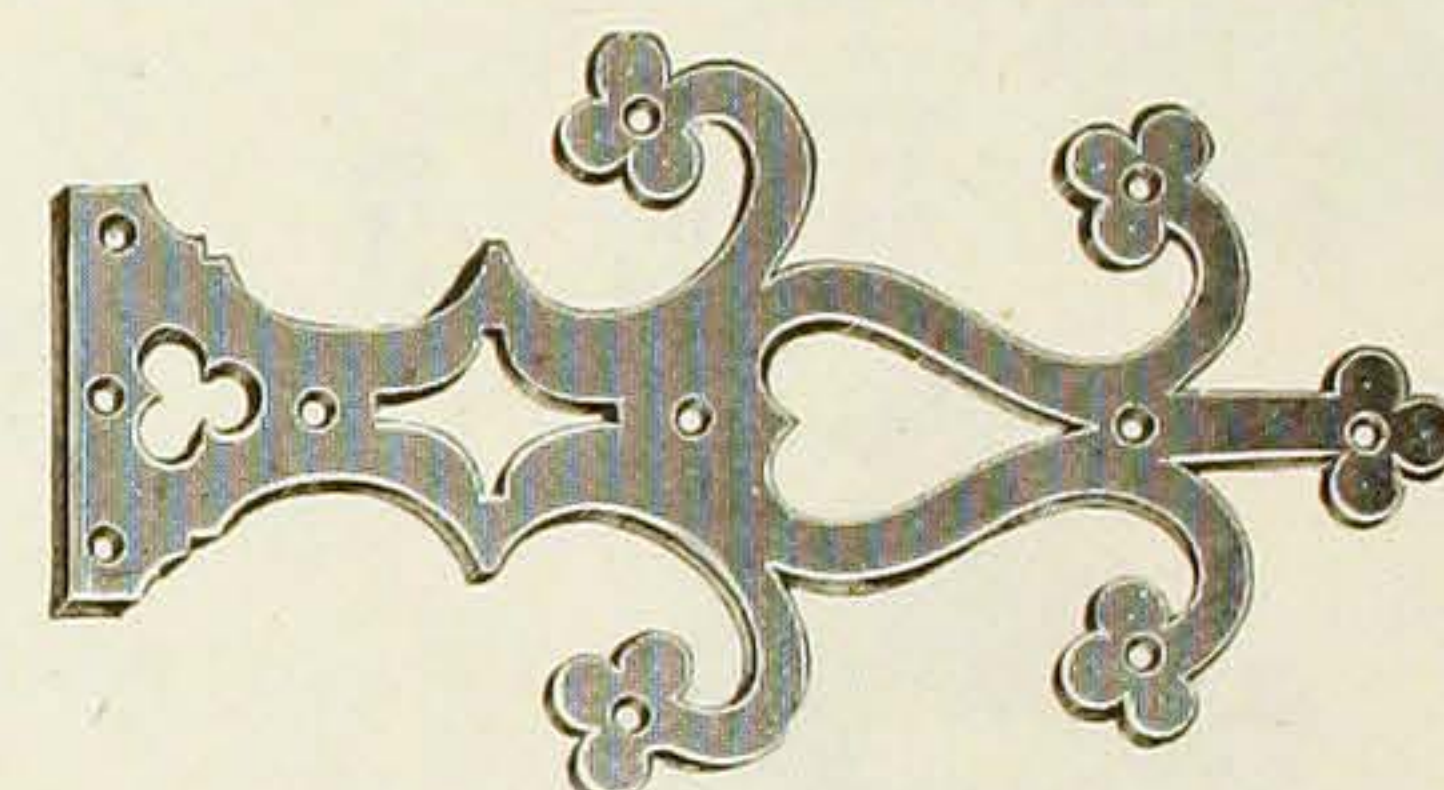
No. PHQ 6269
18" x 7½" ... 10/6 pair.
24" x 8½" ... 12/3 "



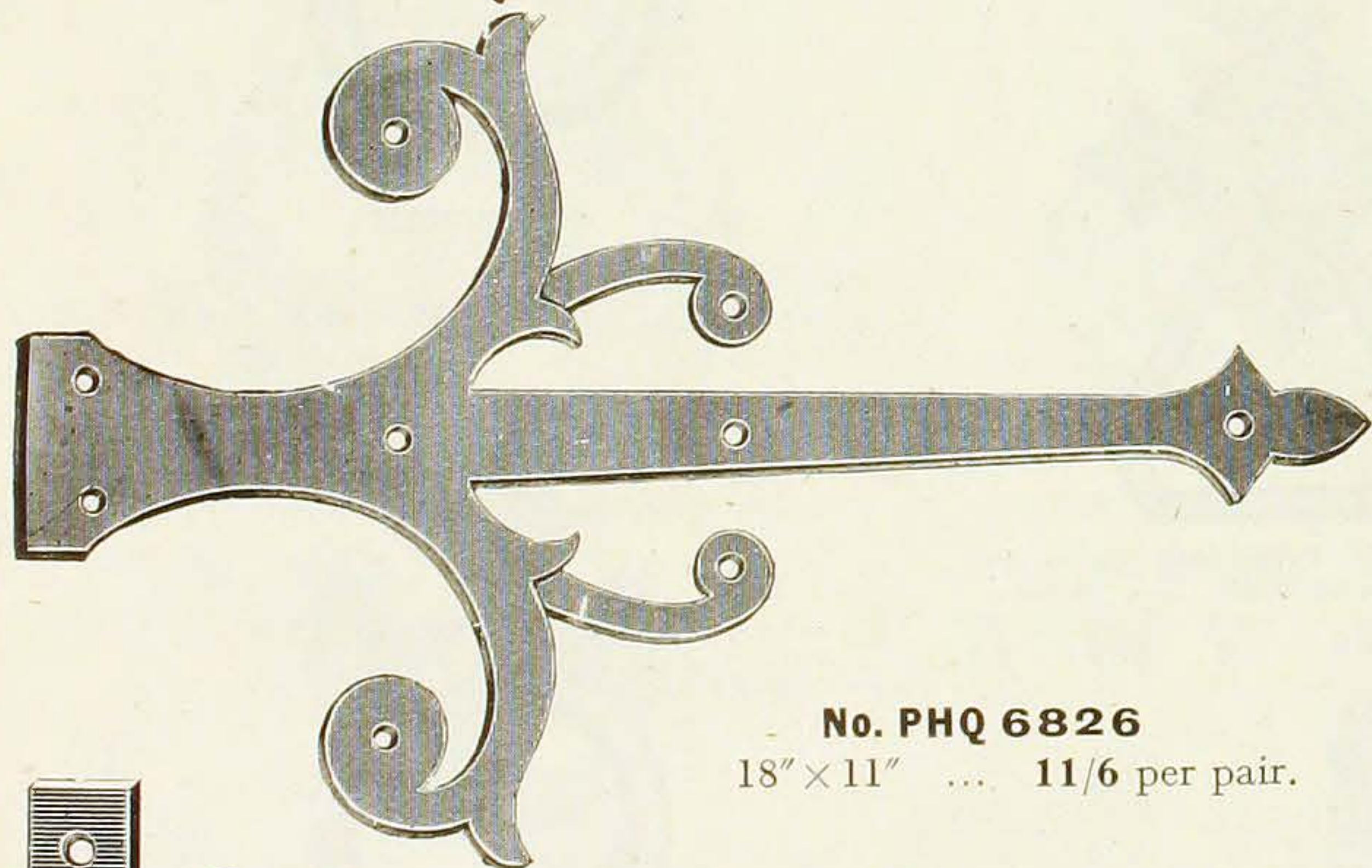
No. PHQ 6831
19" x 6½" ... 11/6 pair.



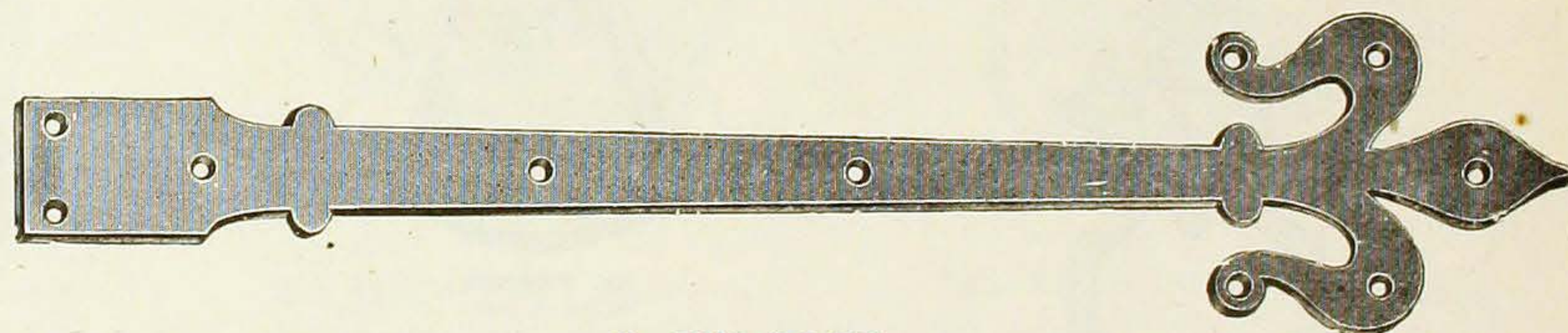
No. PHQ 6832
26" x 14" ... 14/- per pair.



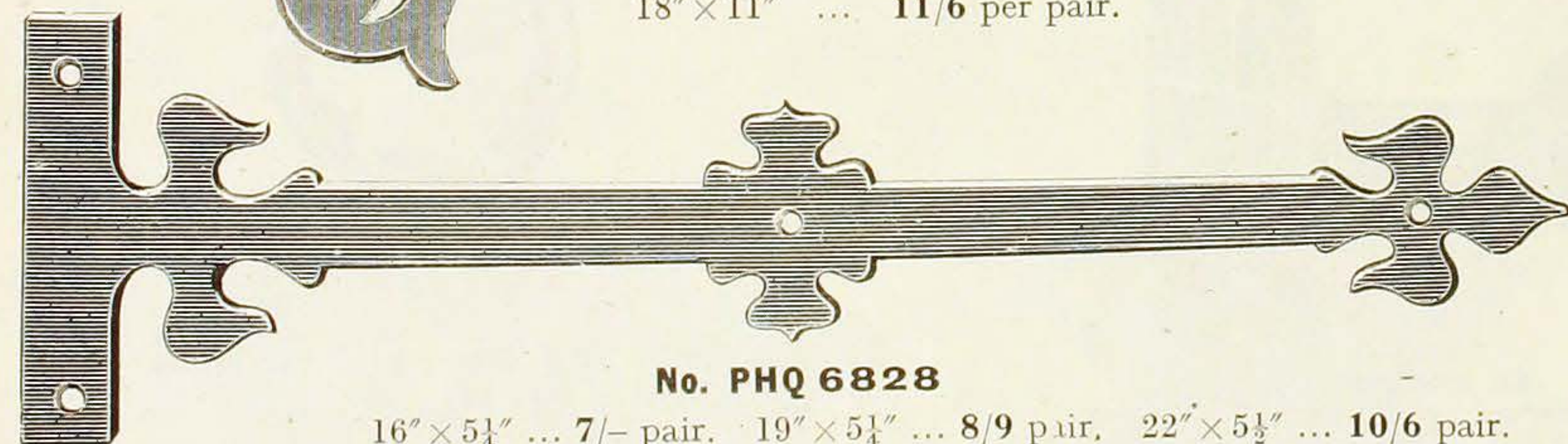
No. PHQ 6260
10" x 5½" ... 3/6 per pair.



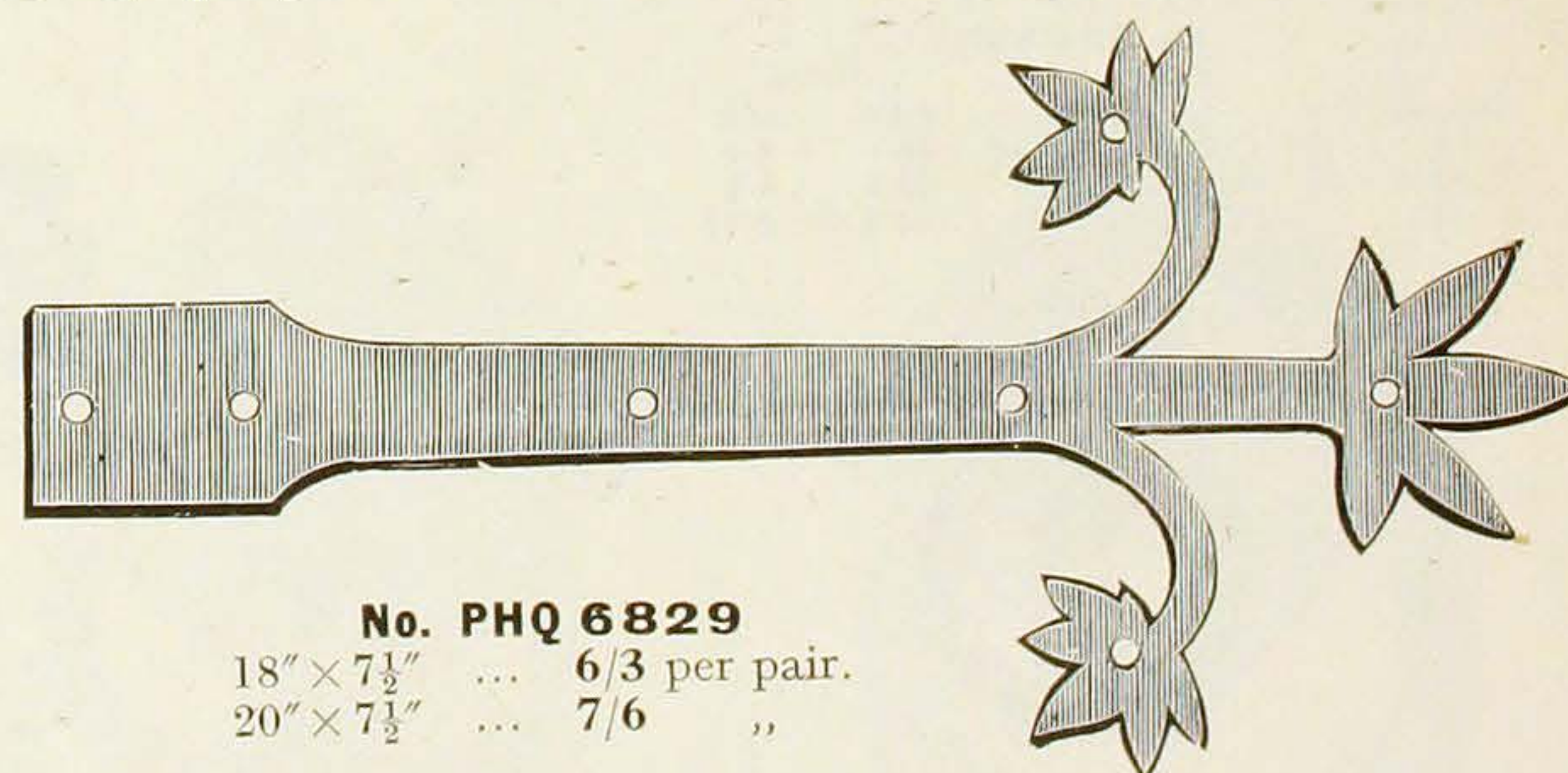
No. PHQ 6826
18" x 11" ... 11/6 per pair.



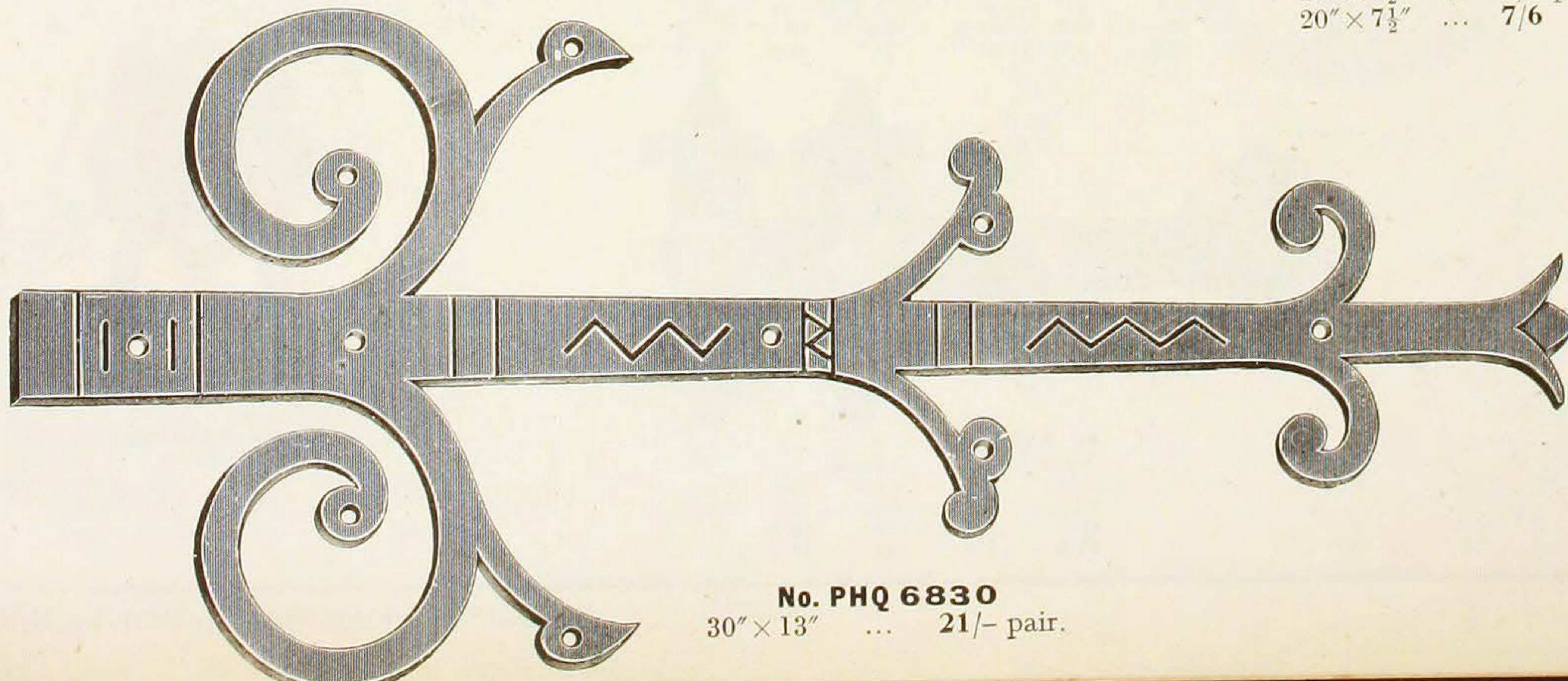
No. PHQ 6827
18" x 4½" ... 6/3 per pair. 24" x 5" ... 8/- per pair.



No. PHQ 6828
16" x 5½" ... 7/- pair. 19" x 5½" ... 8/9 pair. 22" x 5½" ... 10/6 pair.



No. PHQ 6829
18" x 7½" ... 6/3 per pair.
20" x 7½" ... 7/6 "



No. PHQ 6830
30" x 13" ... 21/- pair.

" B " Basis.

All PHQ—Quick delivery.

*Stocked only in Berlin Black.

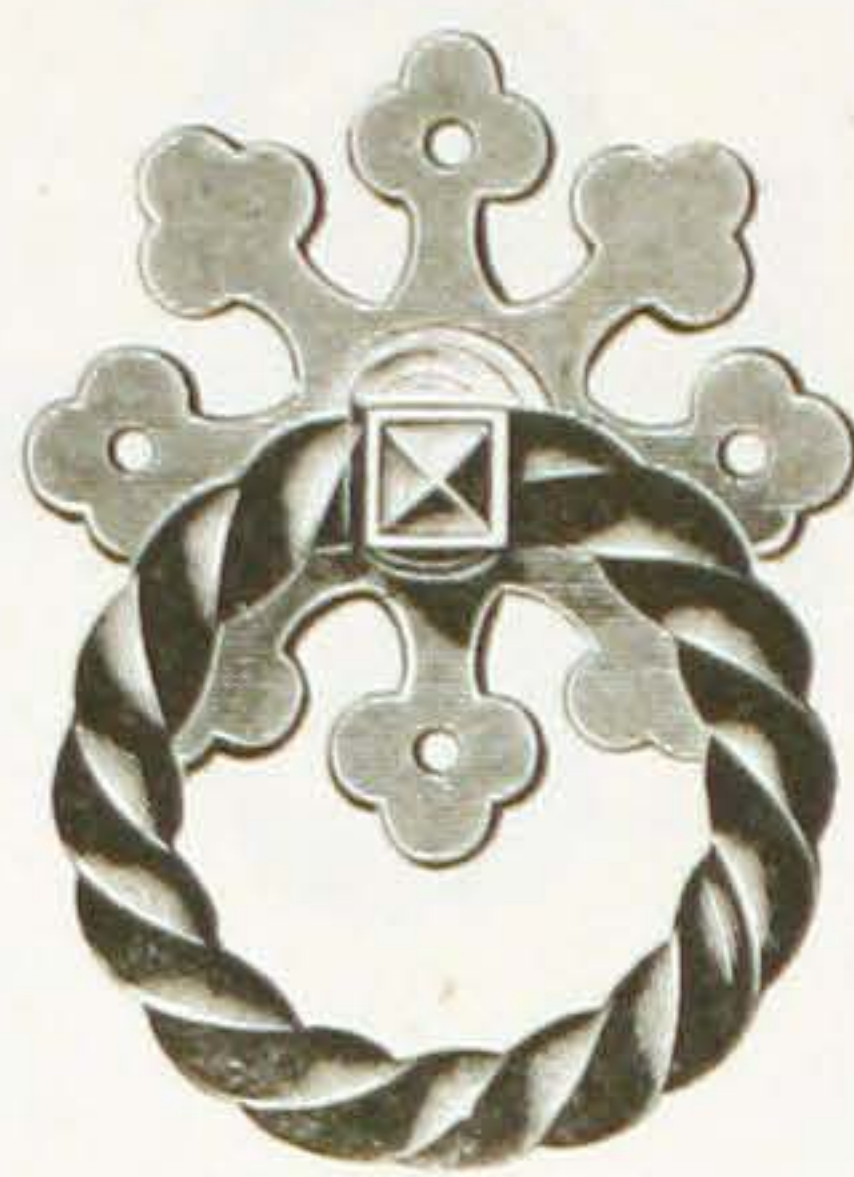
Gothic Handles and Latches

BEST MALLEABLE IRON.

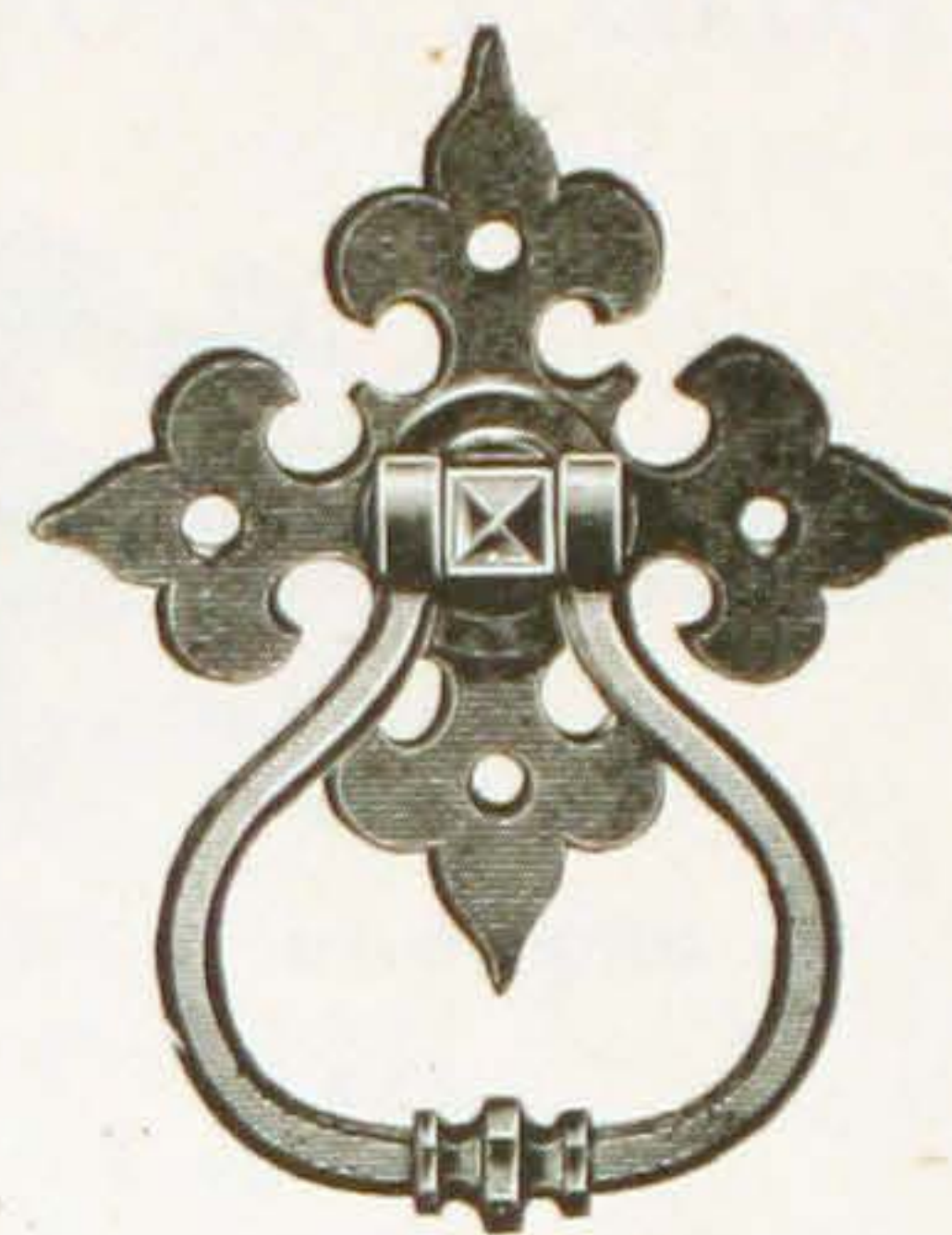
Handles have Loose Pitt's Spindles and are suitable for Mortice Locks or Latch Furniture. If with Fixed Spindles for Rim Locks, extra; 7/- dozen, 8d. each.



		No. PHS*6192		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	5 1/2"	45/6	4/-	111/6	9/6		
4 1/2"	6 1/2"	63/-	5/6	131/-	11/2		
5 1/2"	7 1/2"	77/-	6/8	178/6	15/2		



		No. PHS*6191		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	4 1/2"	49/-	4/3	107/3	9/2		
4 1/2"	5"	59/6	5/3	124/10	10/6		
5"	7"	78/9	6/9	178/6	15/2		



		No. PHS*6189		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4 1/2"	6"	47/3	4/2	104/3	8/10		



		No. PHS*6190		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
3 1/2"	3 1/2"	31/6	2/9	71/6	6/2		
4"	4"	49/-	4/3	107/3	9/2		



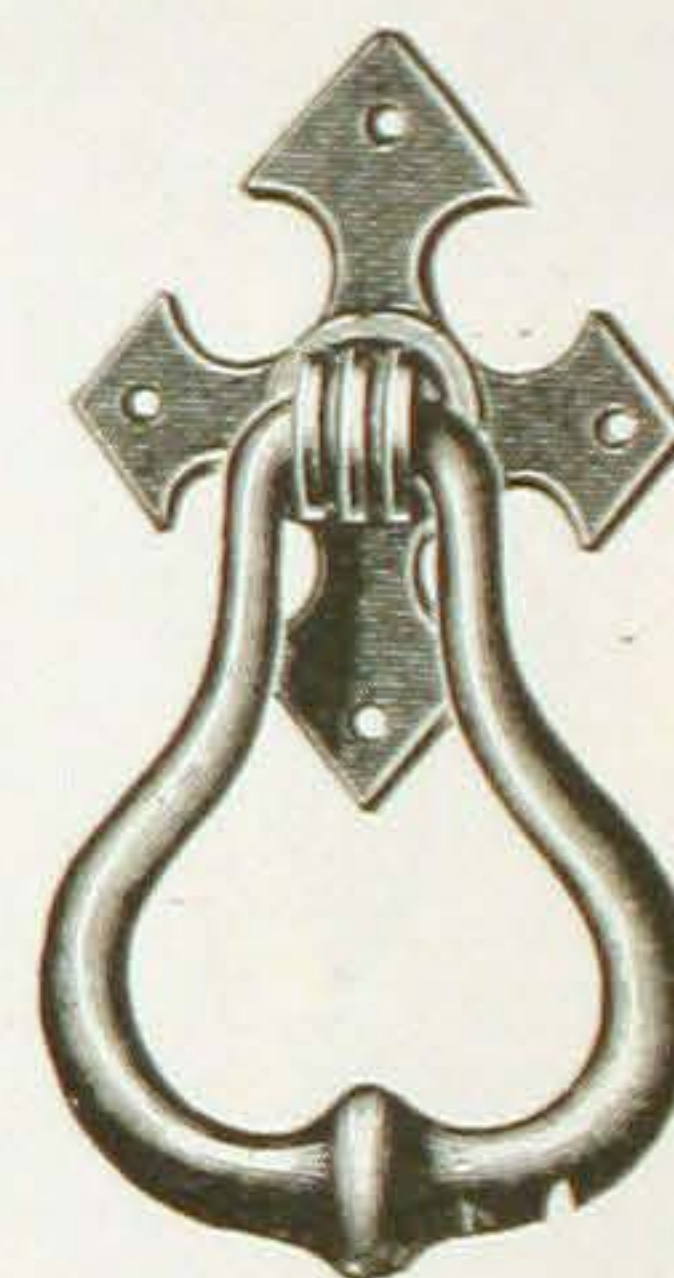
		No. PHS*6519		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4 1/2"	5"	43/9	3/9	101/3	8/6		



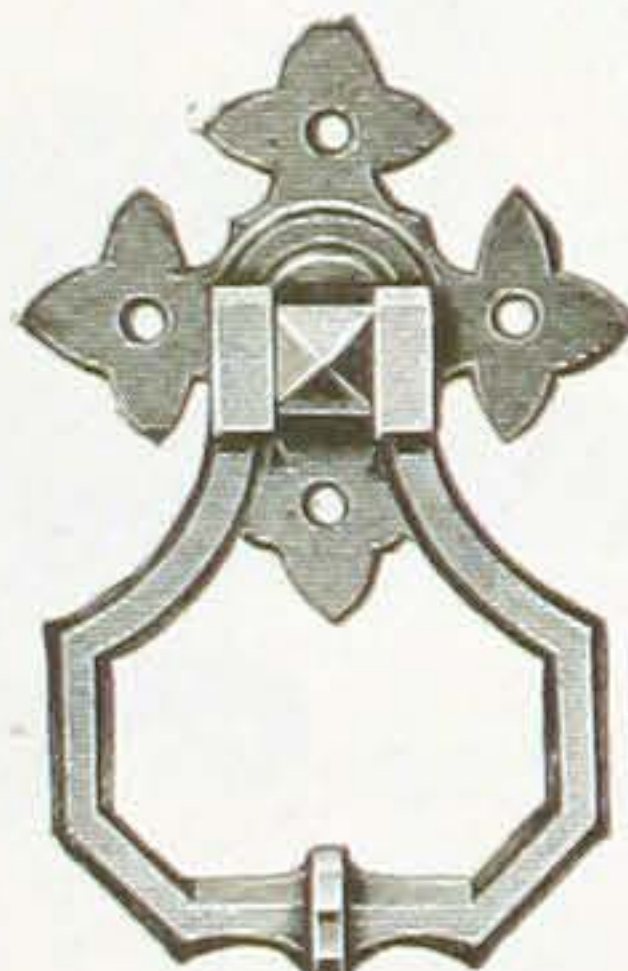
		No. PHS*6186		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	4"	42/-	3/8	92/4	7/10		



		No. PHS*6187		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
3 1/2"	3 1/2"	35/-	3/1	71/6	6/2		



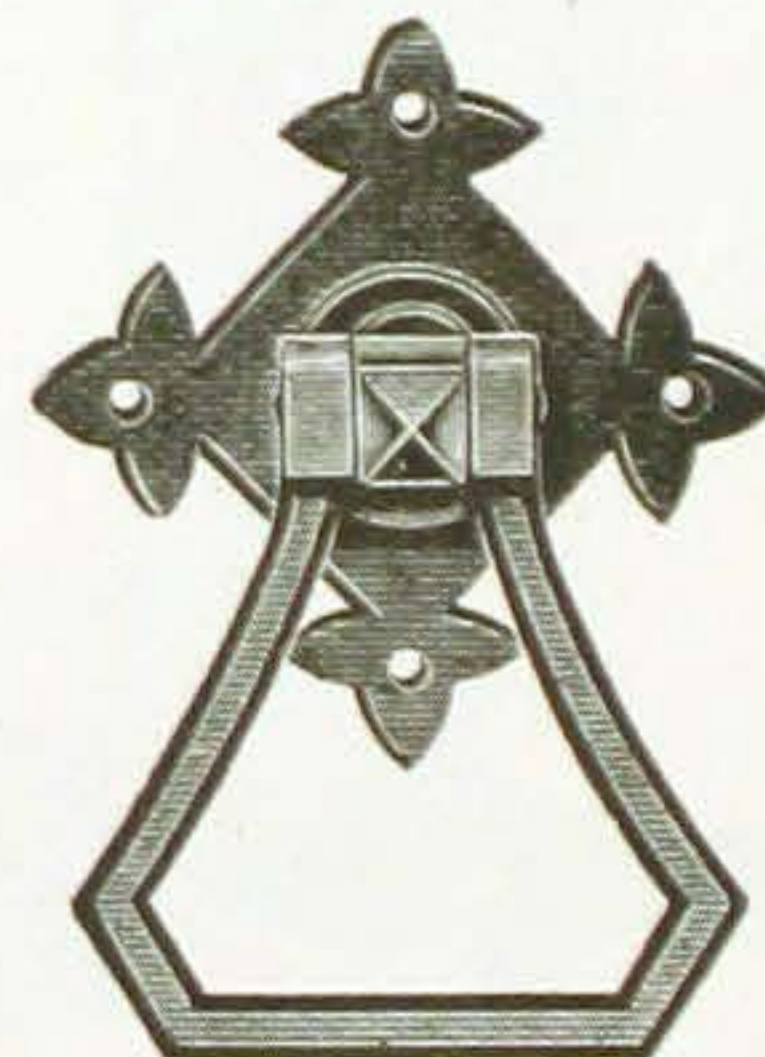
		No. PHS*6733		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	4"	20/3	1/10	95/3	8/2		



		No. PHS*6182		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
2 1/2"	2 1/2"	21/-	1/10	49/-	4/3		
3 1/2"	3 1/2"	24/6	2/2	59/6	5/2		
4 1/2"	5"	49/-	4/3	104/3	8/10		



		No. PHS*6183		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	3"	35/-	3/2	83/3	7/2		



		No. PHS*5981		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	4 1/2"	36/9	3/3	83/3	7/2		



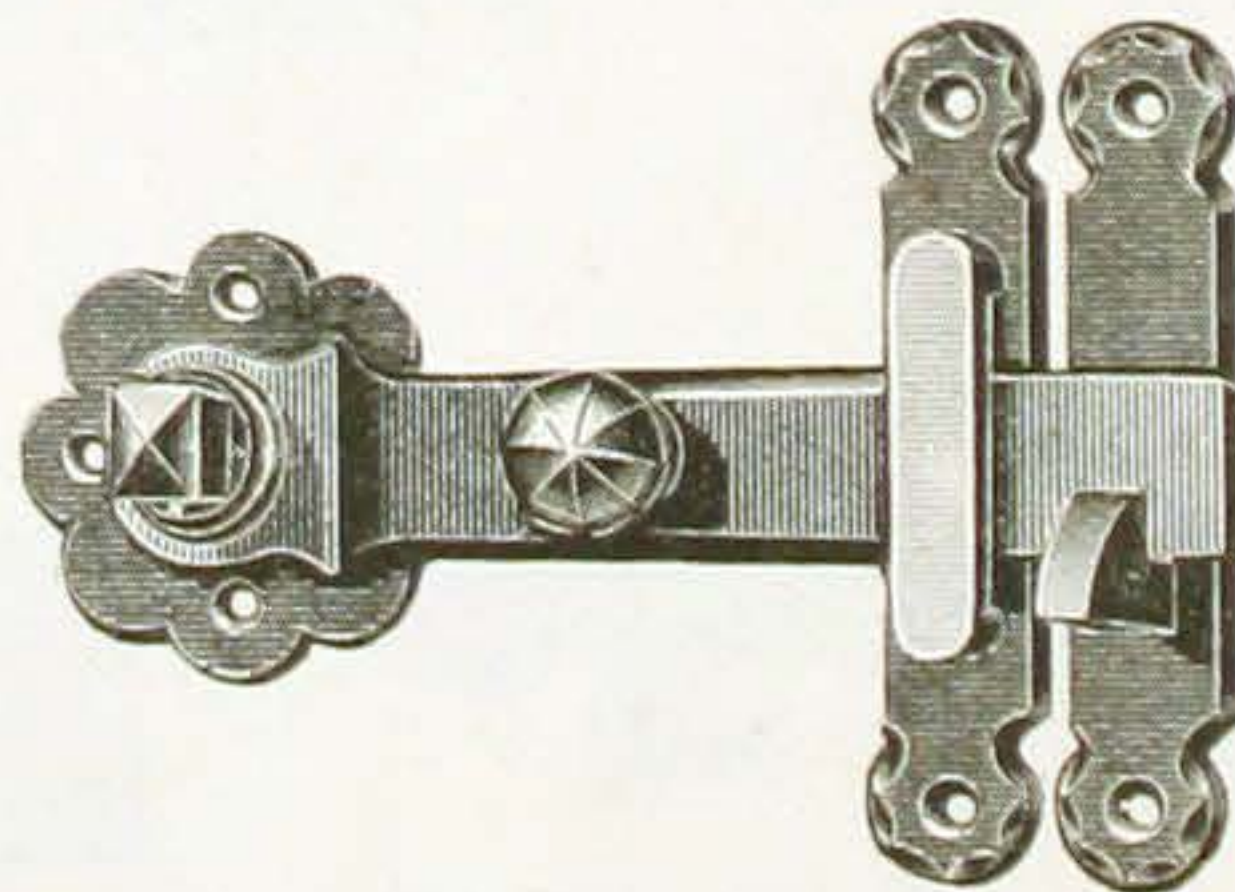
		No. PHS*6185		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	3 1/2"	42/-	3/8	89/3	7/8		
4 1/2"	3 1/2"	45/6	3/11	98/-	8/4		



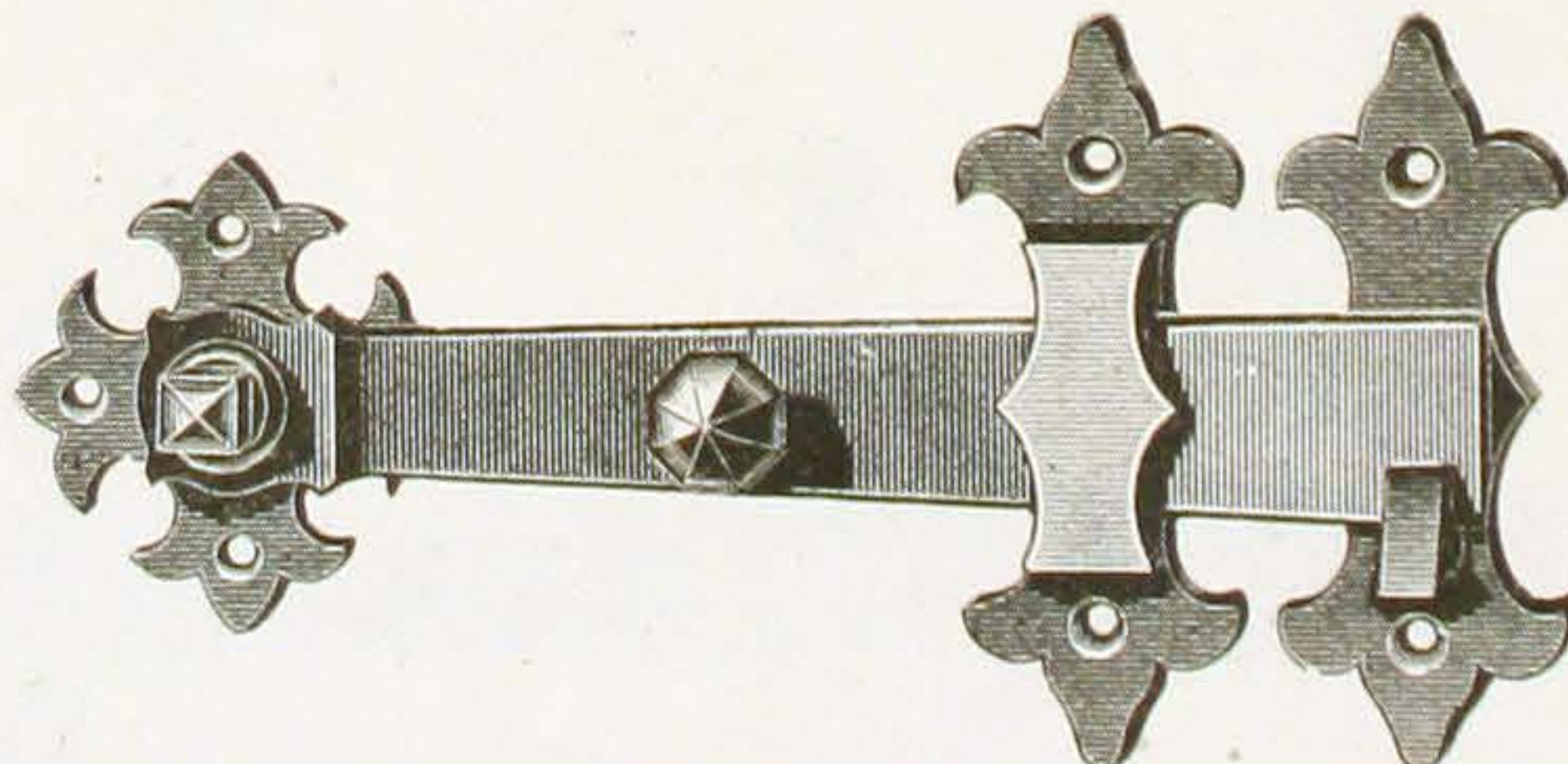
		No. PHS*6180		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
3"	2 1/2"	28/-	2/6	62/6	5/4		



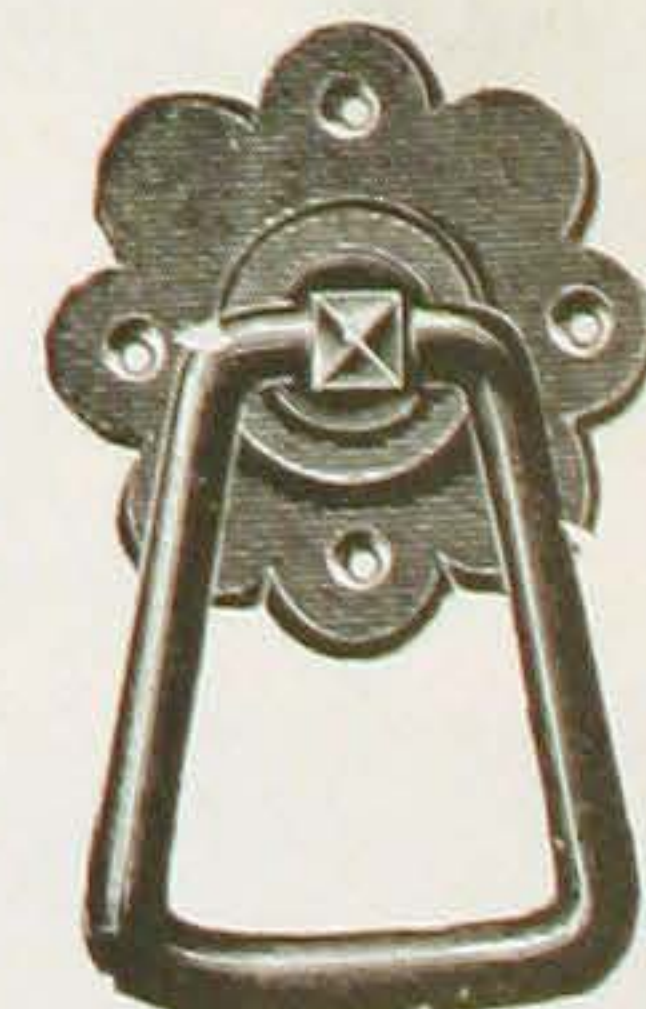
		No. PHS*6181		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
2 1/2"	2 1/2"	24/6	2/2	52/2	4/6		
3"	3"	28/-	2/6	65/6	5/8		
3 1/2"	3 1/2"	35/-	3/2	77/6	6/8		



		No. PHS*6193		Galvanized.		Berlin Black.		Brass.	
Size.		dozen	per set	dozen	per set	dozen	per set	dozen	per set
5"	..	35/-	3/2	31/6	2/9	89/3	7/8		
6"	..	36/9	3/3	33/3	3/-	92/4	7/10		



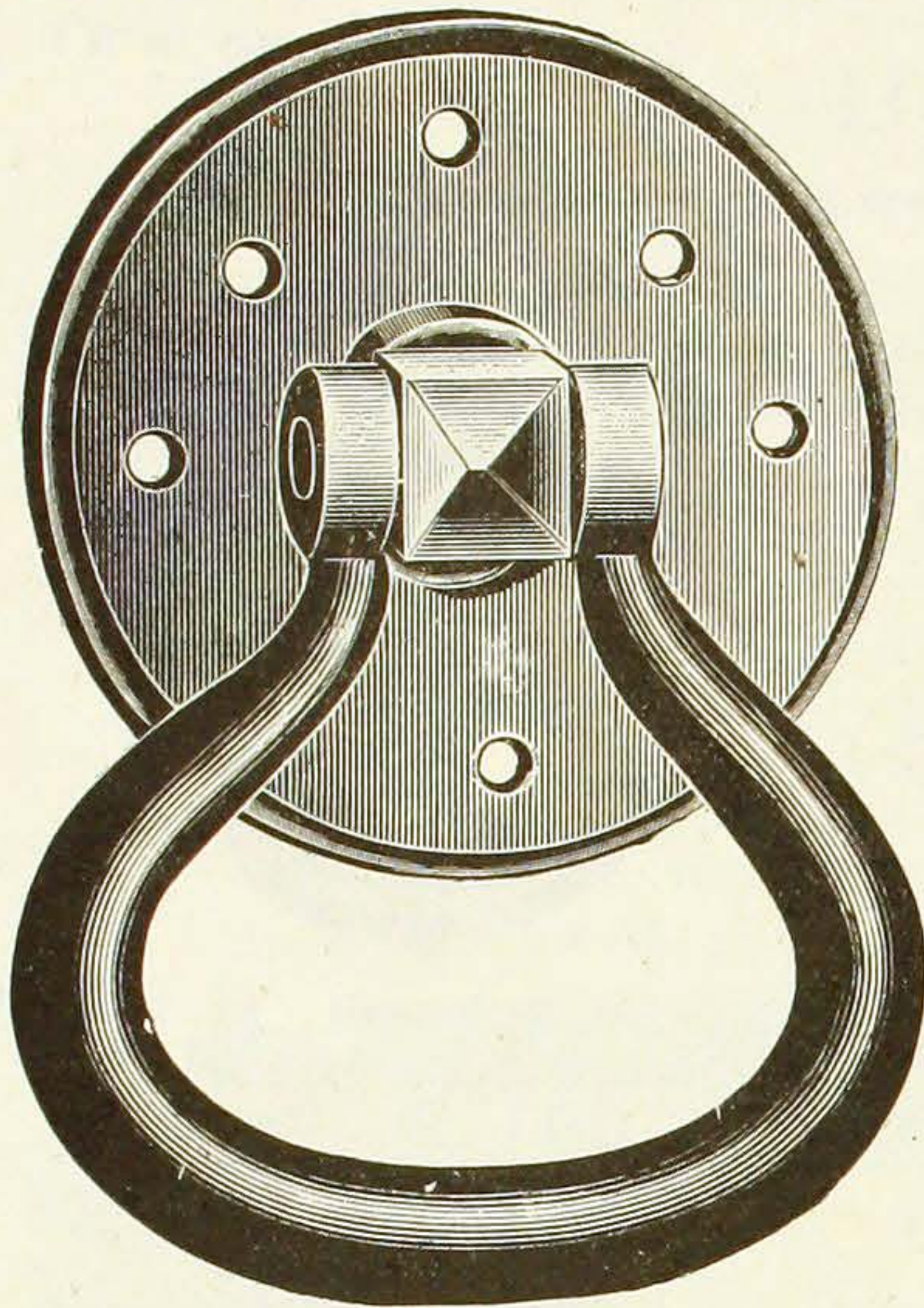
		No. PHS*6195		Berlin Black.		Brass.	
Size.		dozen	per set	dozen	per set	dozen	per set
9"	..	49/-	4/3	125/-	10/8		
10"	..	52/6	4/6	134/-	11/3		



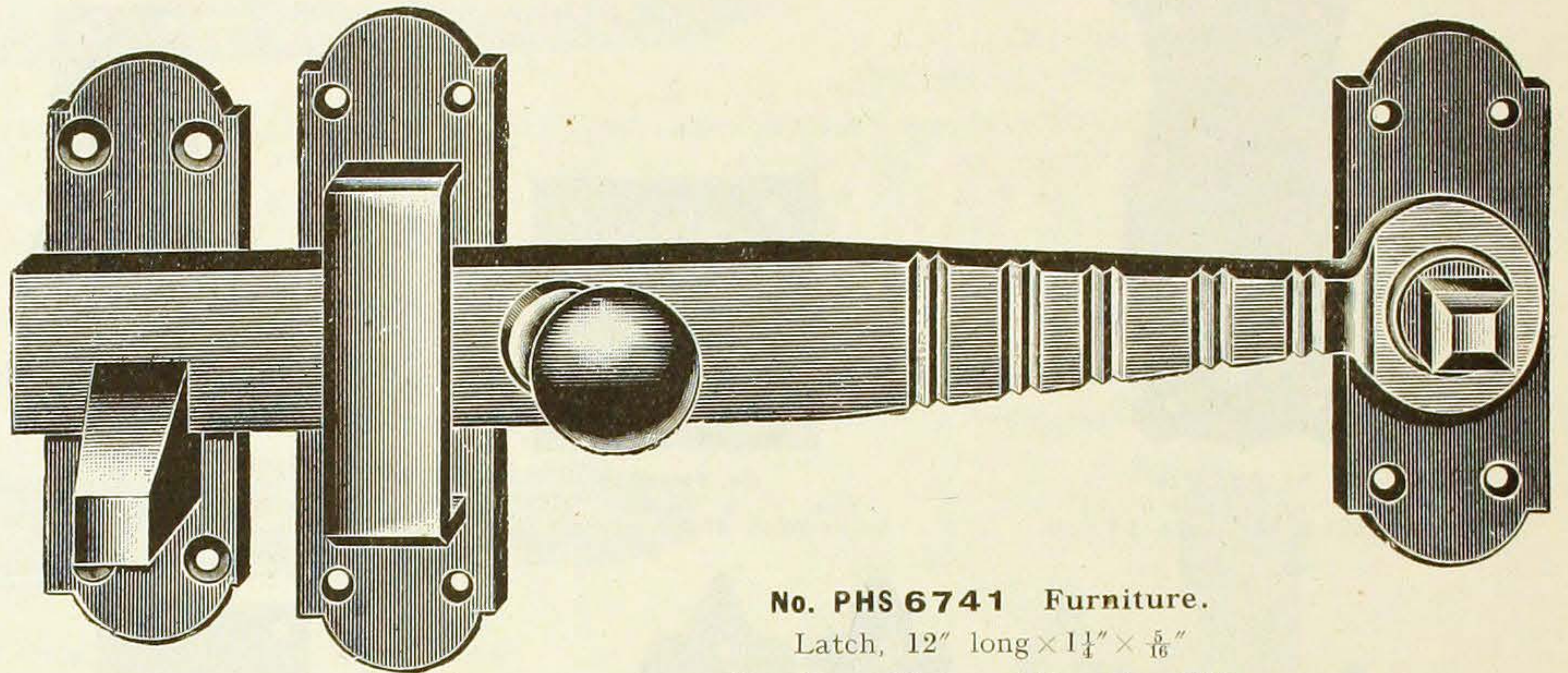
		No. PHS*5982		Berlin Black.		Brass.	
Handle	Rose	dozen	each	dozen	each	dozen	each
4"	3 1/2"	38/6	3/4	89/3	7/8		

Gothic Latch and Ring Handles

*Stocked only in Berlin Black.



No. PHS 6741 Handle.
Plate 4". Handle 4"

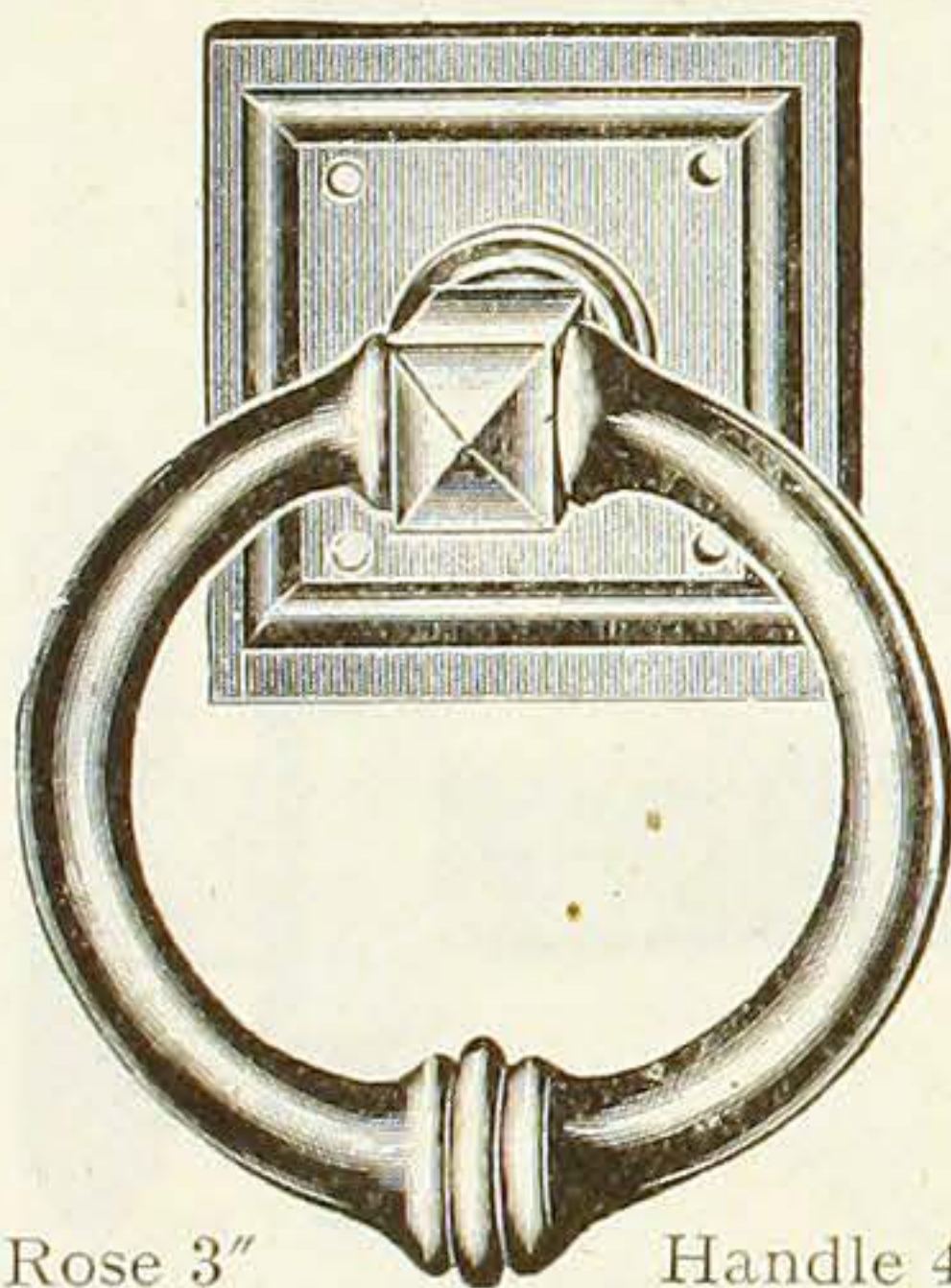


No. PHS 6741 Furniture.

Latch, 12" long $\times 1\frac{1}{4}" \times \frac{5}{16}"$

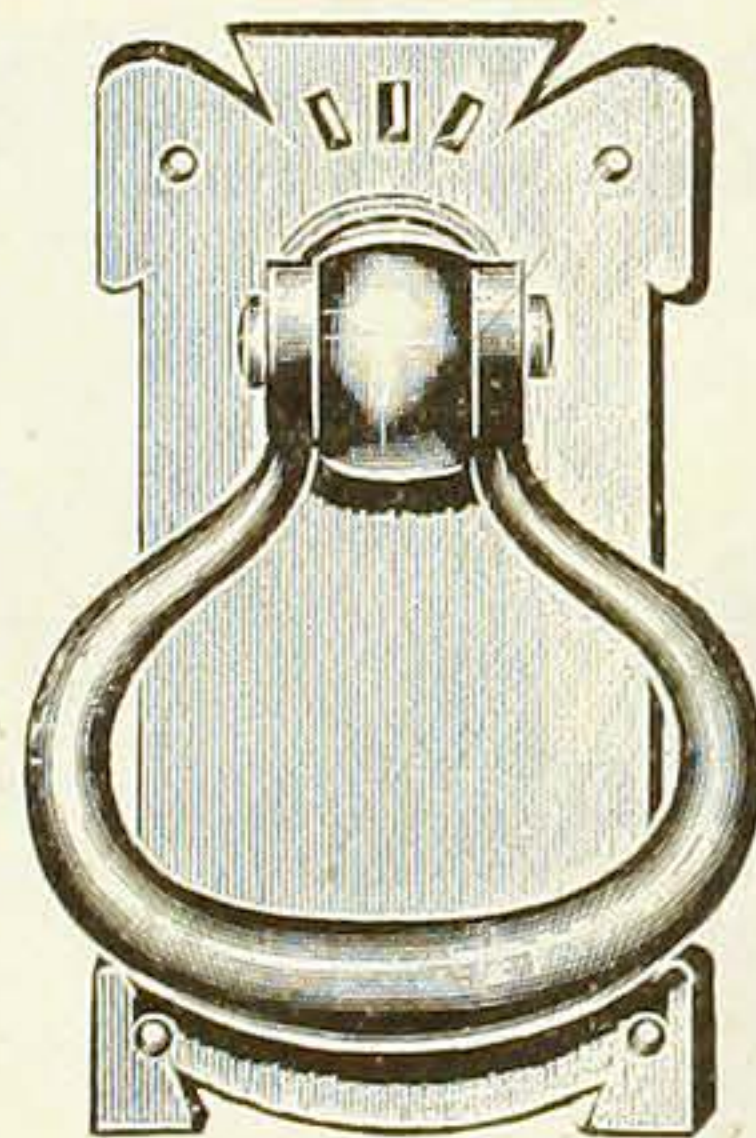
Furniture Plates, $1\frac{1}{4}"$ wide $\times 10G$

All Wrought. Black Japanned, 7/6 per set.



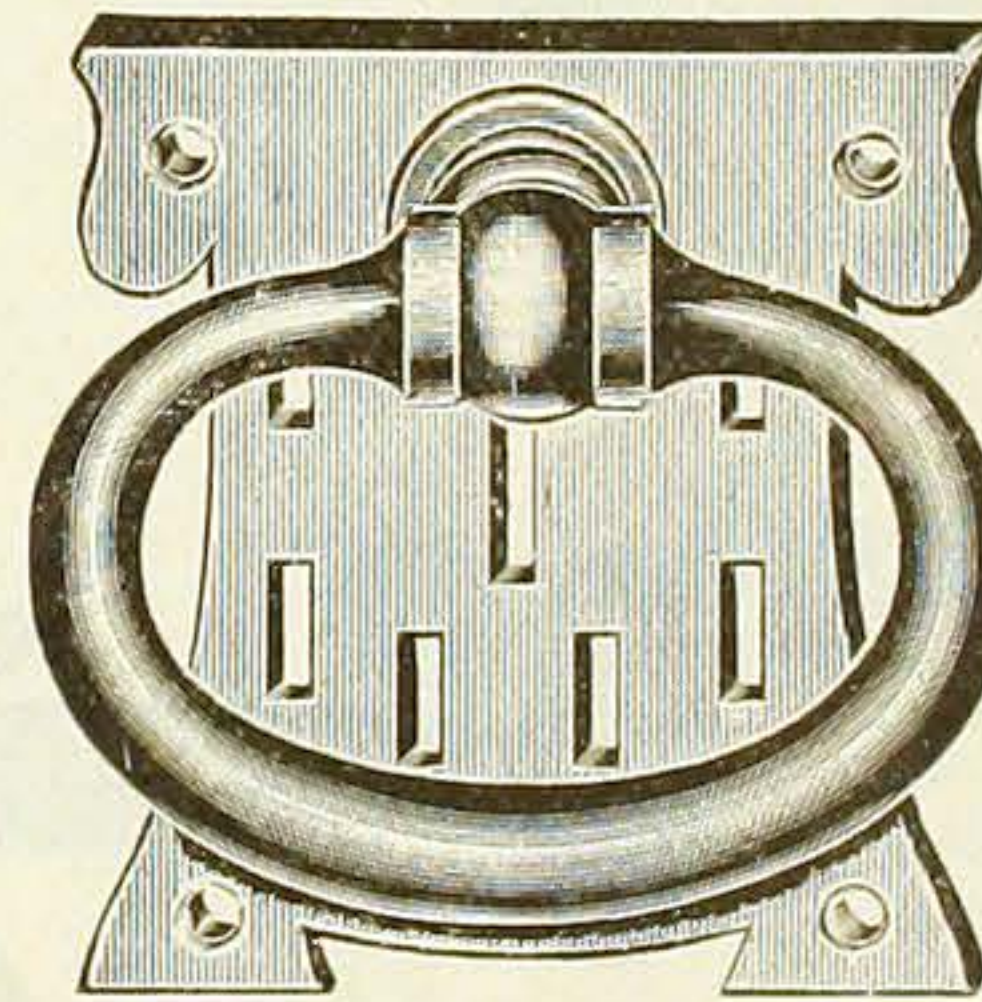
Rose 3" Handle 4"

No. PHS 6742 Registered.
Art Black ... 31/6 dozen.
" " ... 2/9 each.



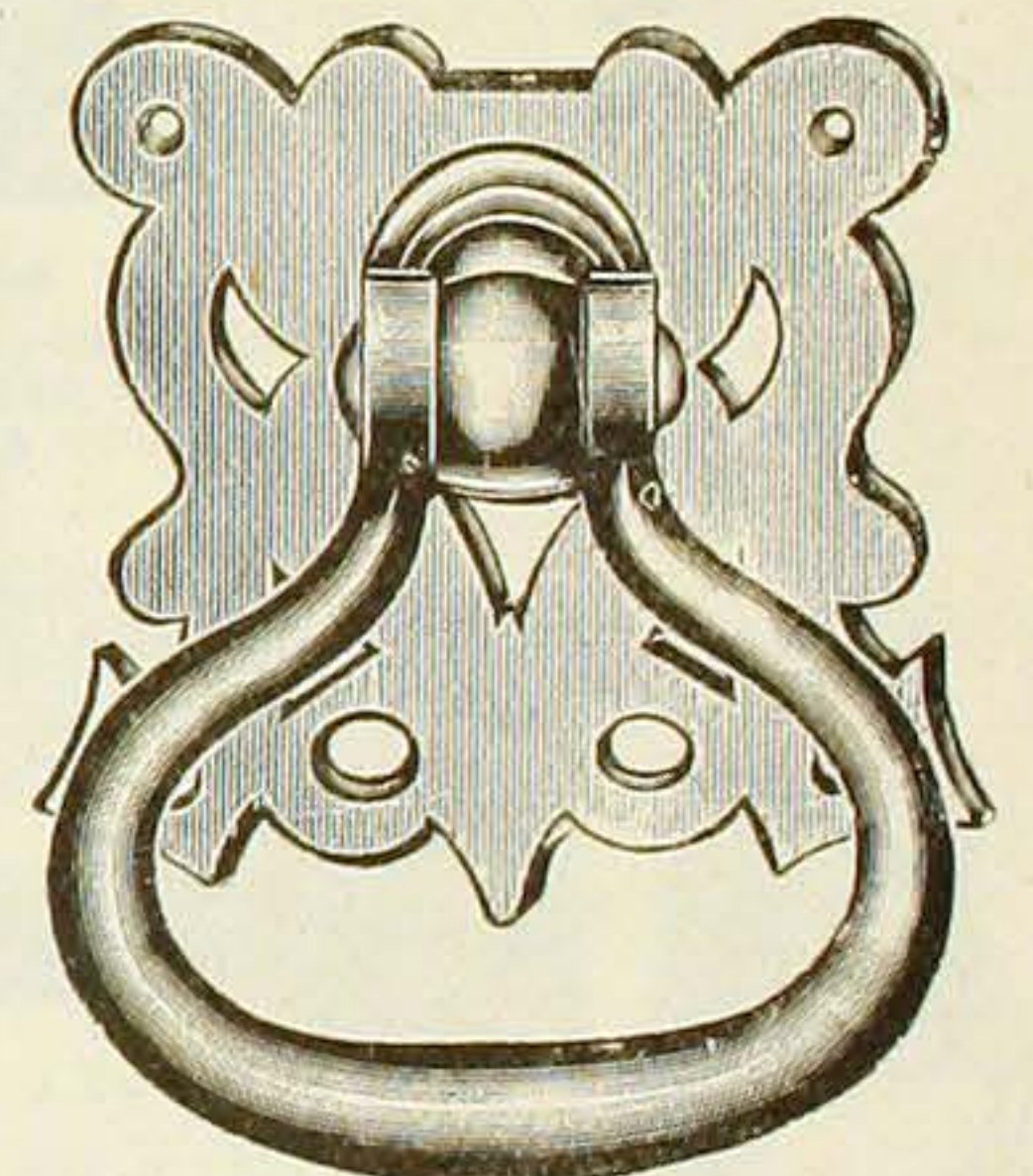
Rose 3 1/2" Handle 3 1/2"

No. PHS 6743 Registered.
Art Black ... 26/3 dozen.
" " ... 2/4 each.



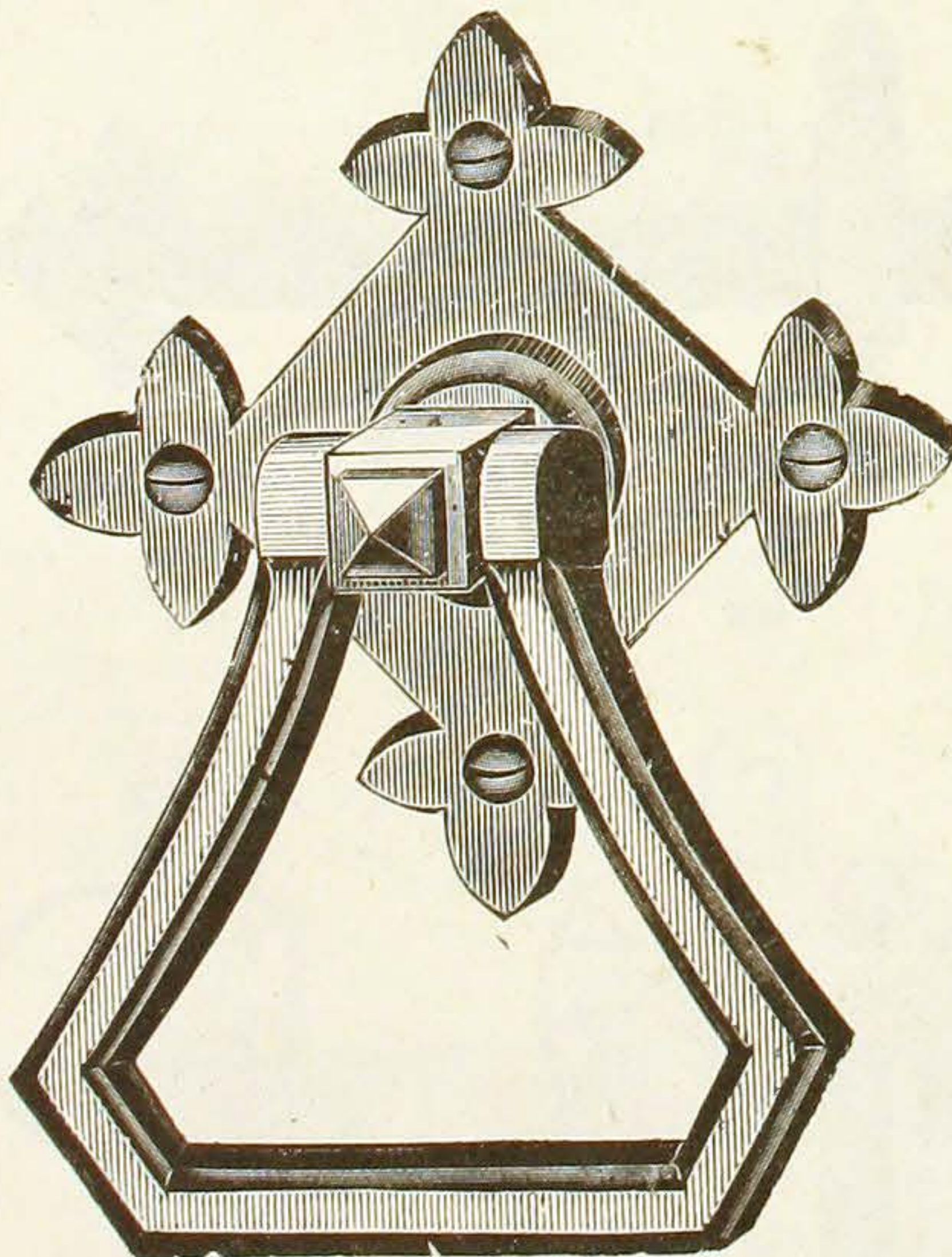
Rose 3 3/4" Handle 4"

No. PHS 6744 Registered.
Art Black ... 34/2 dozen.
" " ... 3/- each.

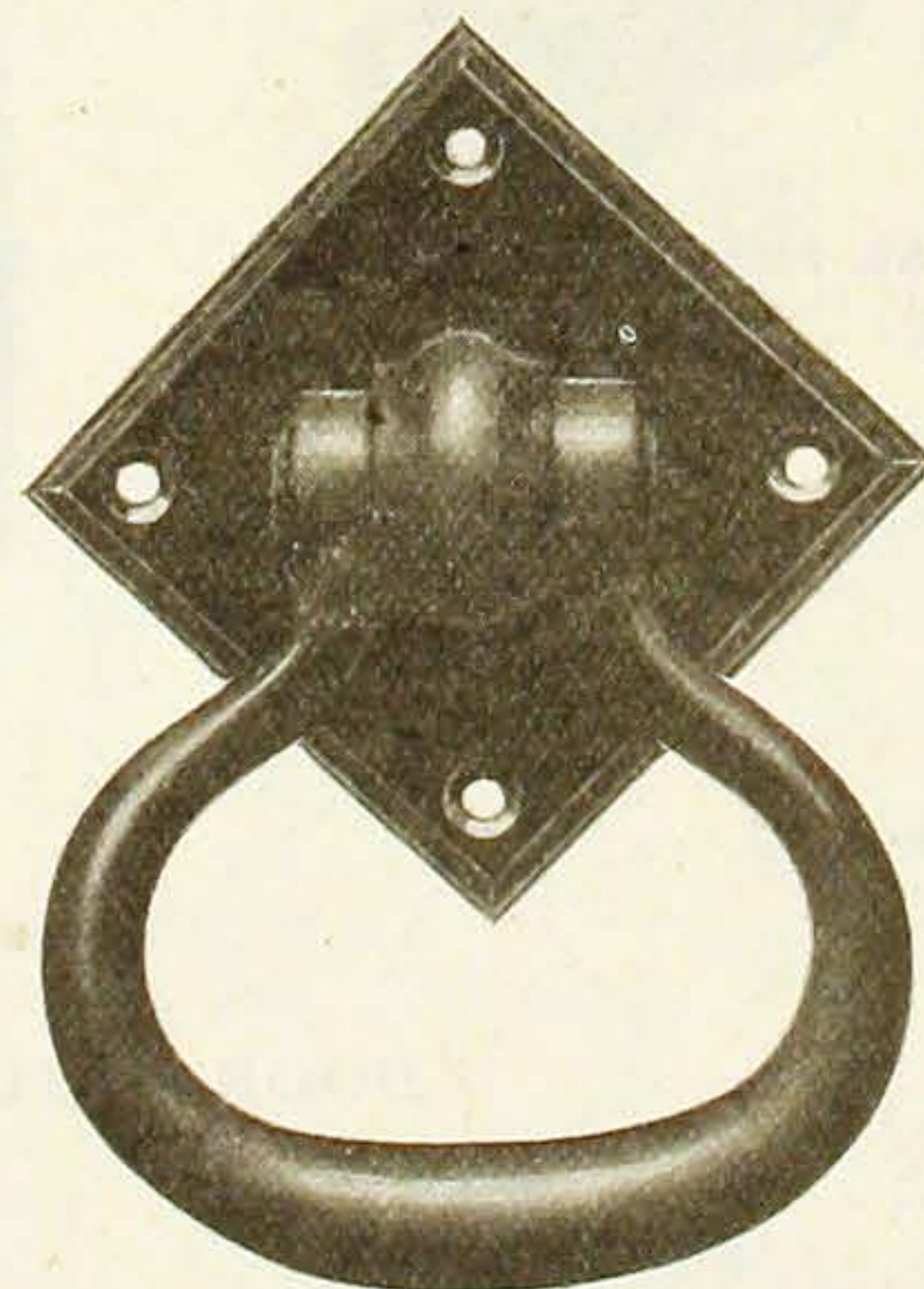


Rose 3 3/4" Handle 3 3/4"

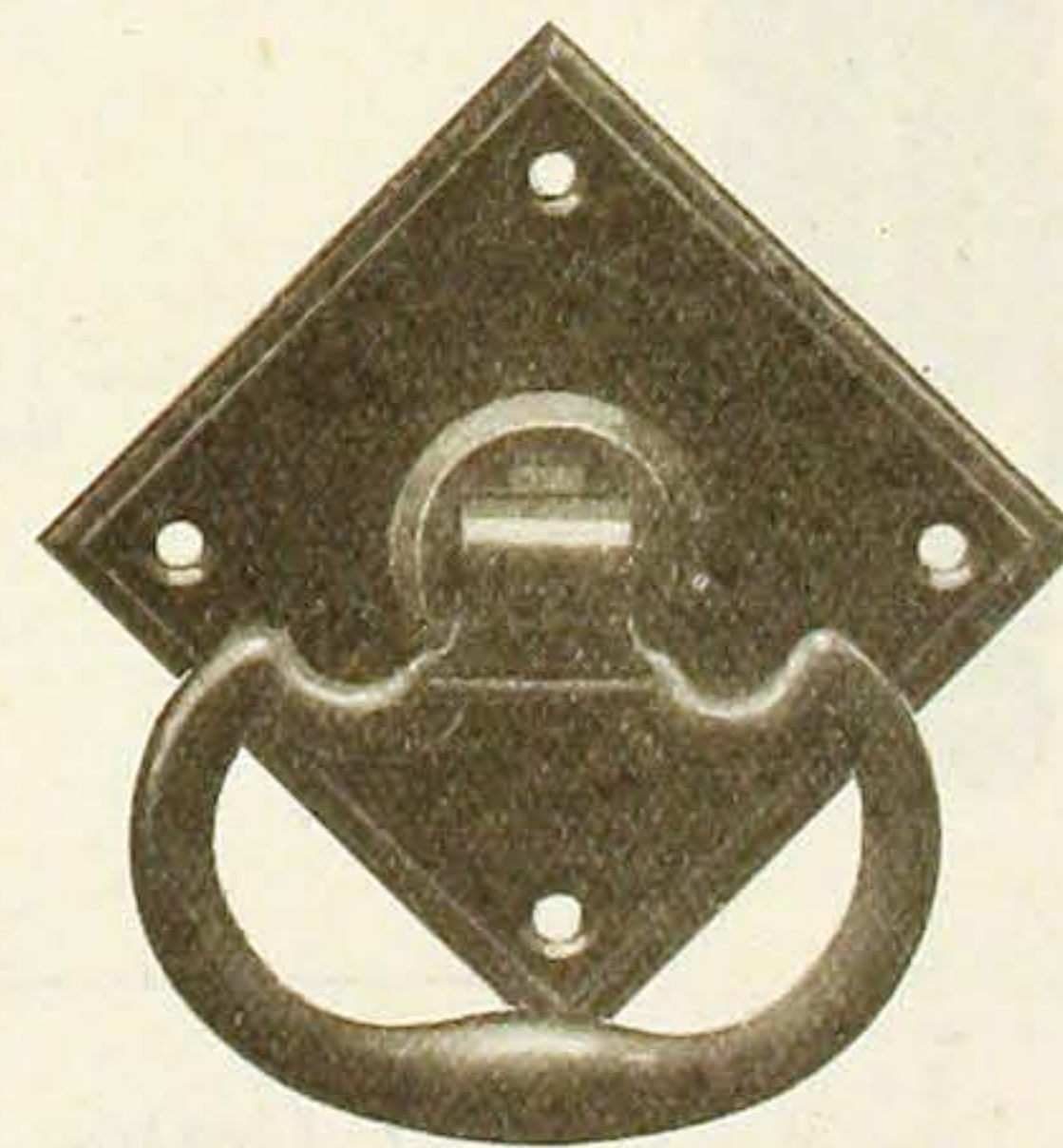
No. PHS 6745 Registered.
Art Black ... 36/9 dozen.
" " ... 3/3 each.



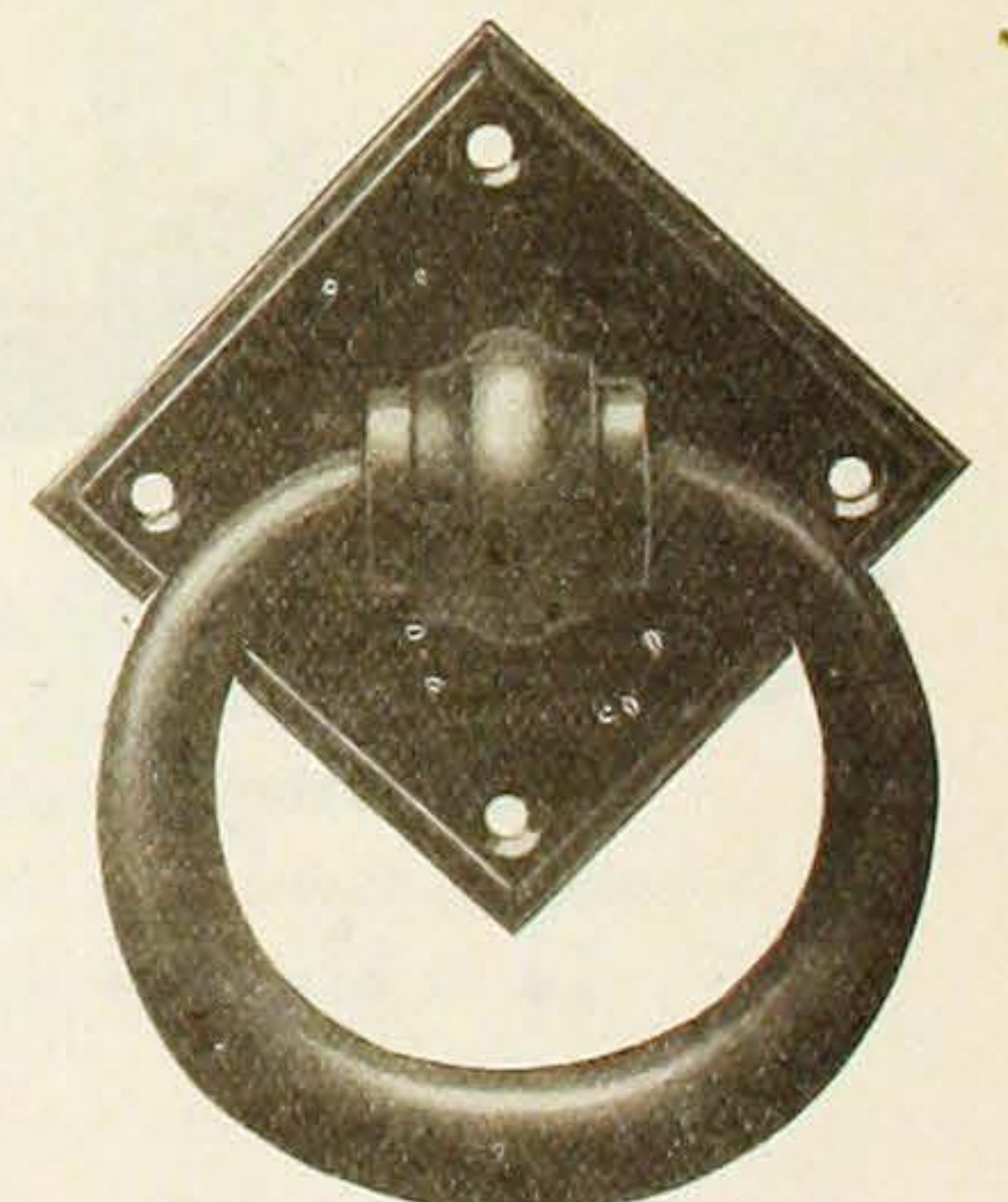
No. PHS 6746
Plate 4 3/4" Handle 4 1/4"
Art Black ... 2/6 each.



No. PHS* 6748
Plate 2 1/4" Ring 3" each.
Berlin Black ... 2/3
Sheradized B.B. ... 2/8
Parwinac R.R. ... 2/8
Polished Brass ... 4/5
C. B. & R. on Brass ... 4/10
Bronze Metal Antique ... 5/3



No. PHS* 6749
Plate 2 1/4" Ring 2 1/2" each.
Berlin Black ... 2/-
Sheradized B.B. ... 2/5
Parwinac R.R. ... 2/5
Polished Brass ... 4/5
C. B. & R. on Brass ... 4/10
Bronze Metal Antique ... 5/3



No. PHS* 6747
Plate 2 1/4" Ring 3" each.
Berlin Black ... 2/3
Sheradized B.B. ... 2/8
Parwinac R.R. ... 2/8
Polished Brass ... 4/5
C. B. & R. on Brass ... 4/10
Bronze Metal Antique ... 5/3

Gothic Handles and Latches

Best Malleable Iron.

*Stocked only in B.B.

Handles have loose Pitt's Spindles and are suitable for Mortice Locks, or Latch Furniture. If with Fixed Spindles for Rim Locks, 7/- dozen, 8d. each extra.



No. PHS 6734
Rose 7" x 3 1/2" Handle 5" x 3 1/2"
Berlin Black, 63/- dozen, 5/6 each.



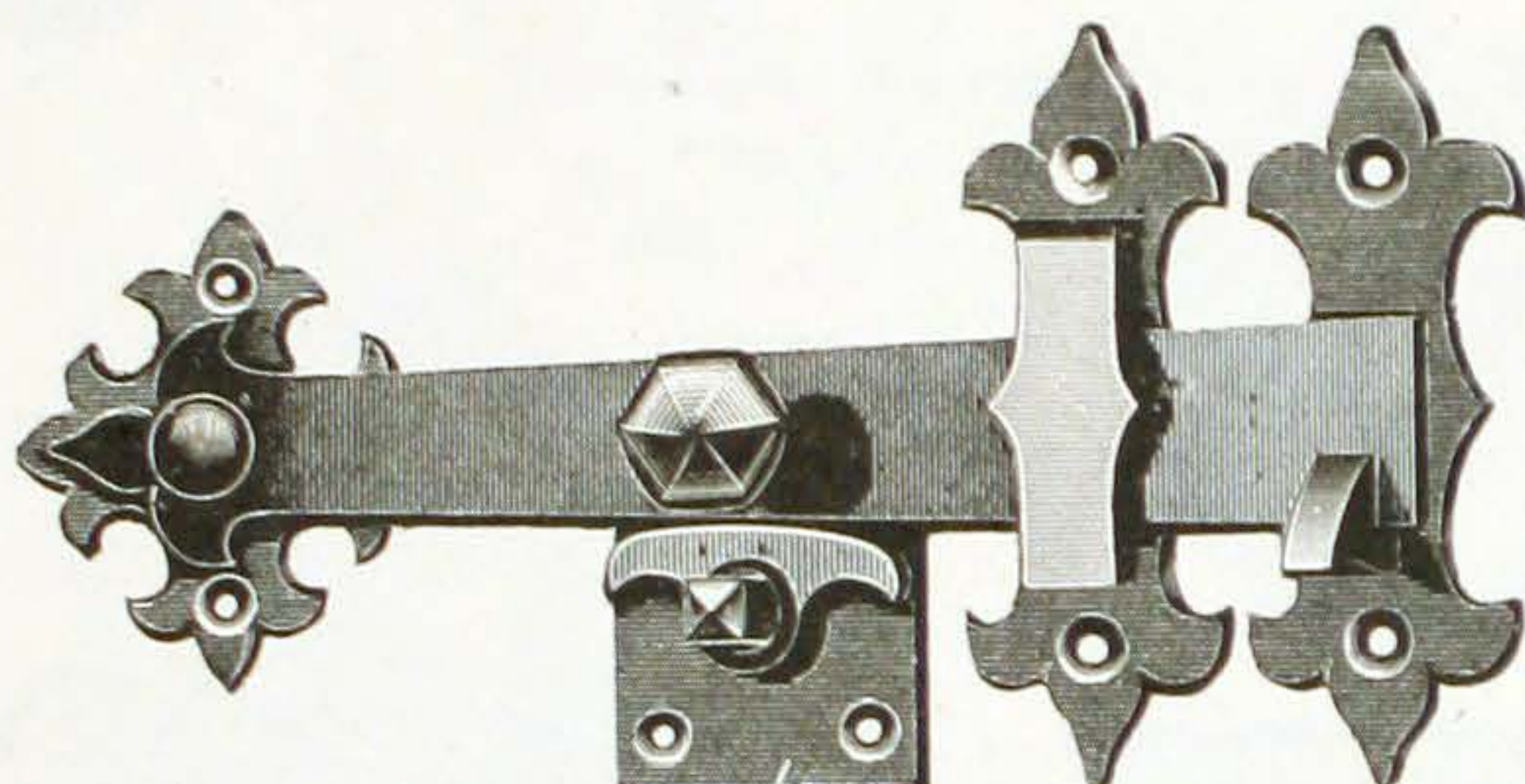
No. PHS 6735
Rose, 4" x 4" Handle, 4"
Berlin Black, 47/3 dozen, 4/2 each.



Antique.
No. PHQ 6736
Handle, 4" x 3" Rose, 5" x 2"
dozen. each.
Dull Black .. 28/- 2/6
Armour Bright .. 33/3 3/-



No. PHS 6737
Rose, 4" x 2 1/2" Handle, 4 1/2" x 4"
Japanned, 33/3 dozen, 3/- each.



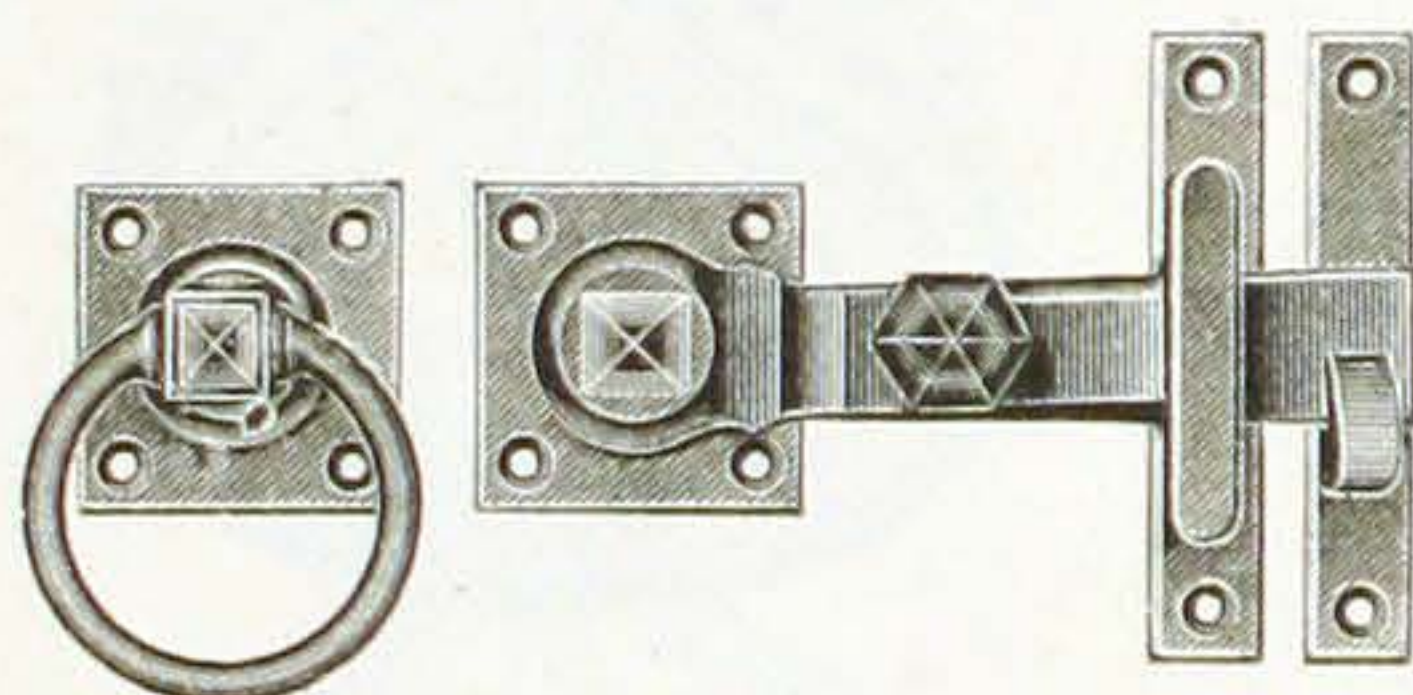
No. PHS 6197
Berlin Black. Brass.
Size. Dozen sets. Per set. Dozen sets. Per set.
11 1/2" .. 56/- 4/10 160/8 13/8



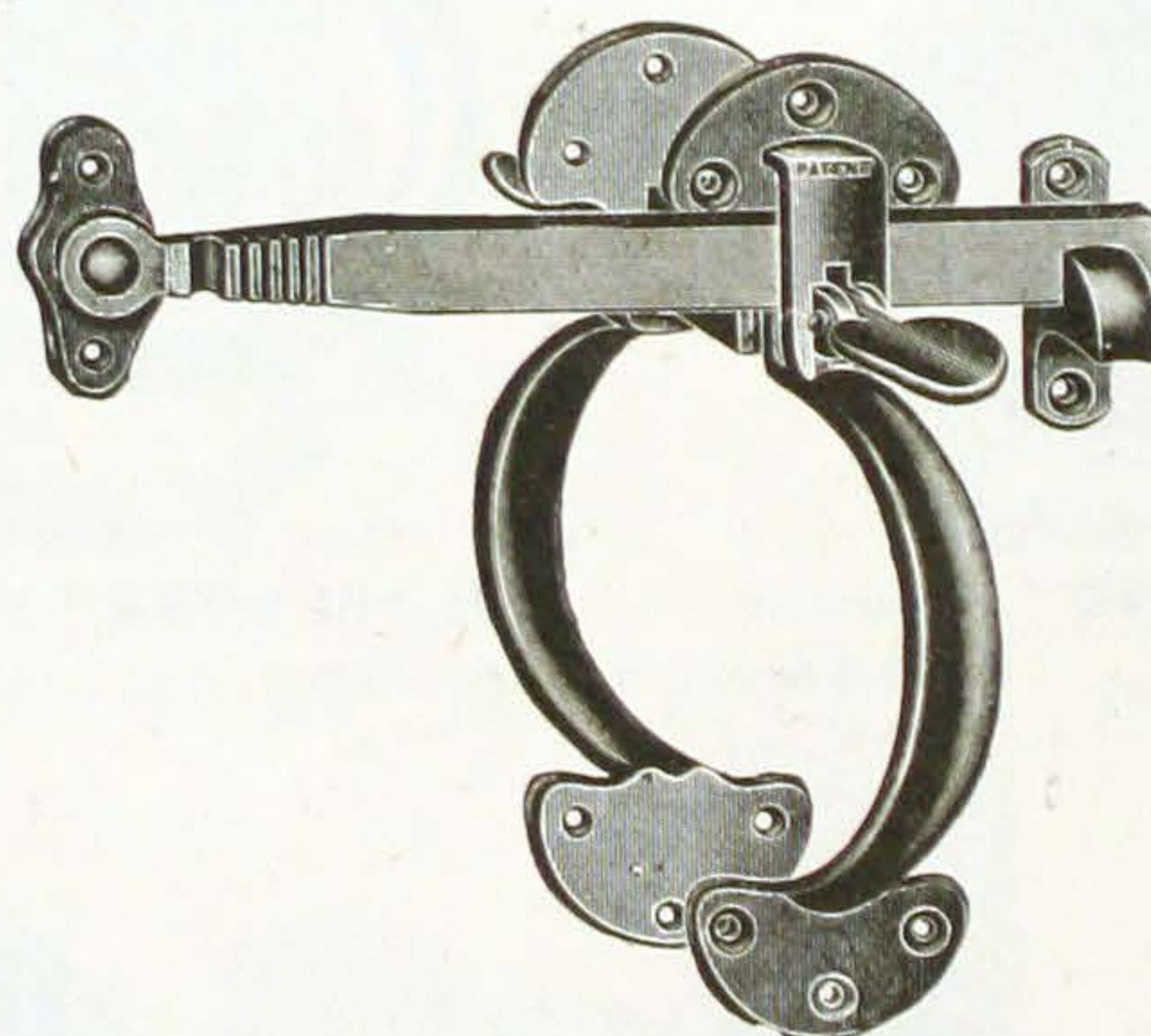
No. PHS 6738
Rose, 4 1/2" x 3" Handle, 4"
Berlin Black, 47/3 dozen, 4/2 each.



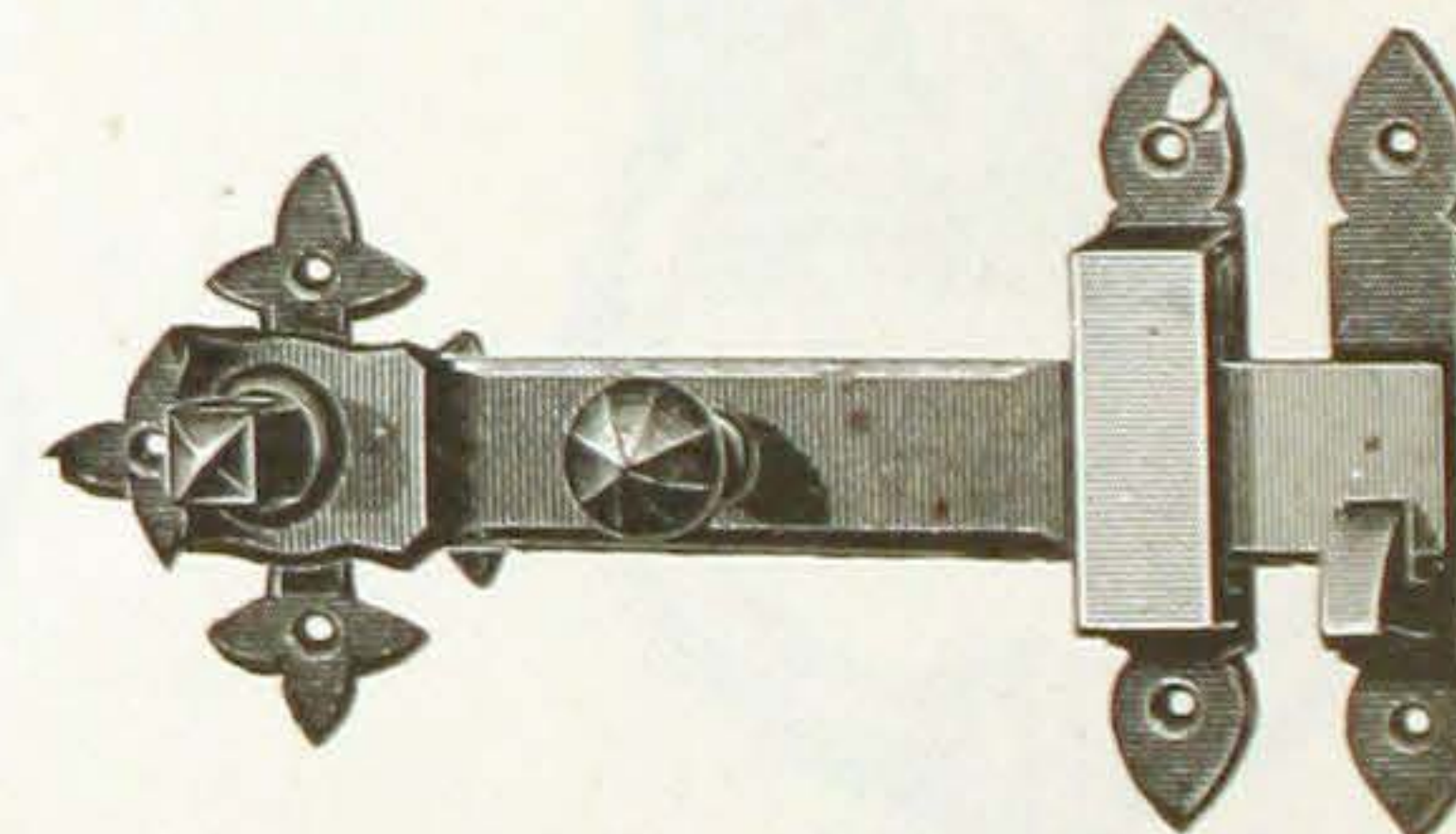
No. PHS 6739
Rose, 4 1/2" x 3" Handle, 4 1/2"
Berlin Black, 47/3 dozen, 4/2 each.



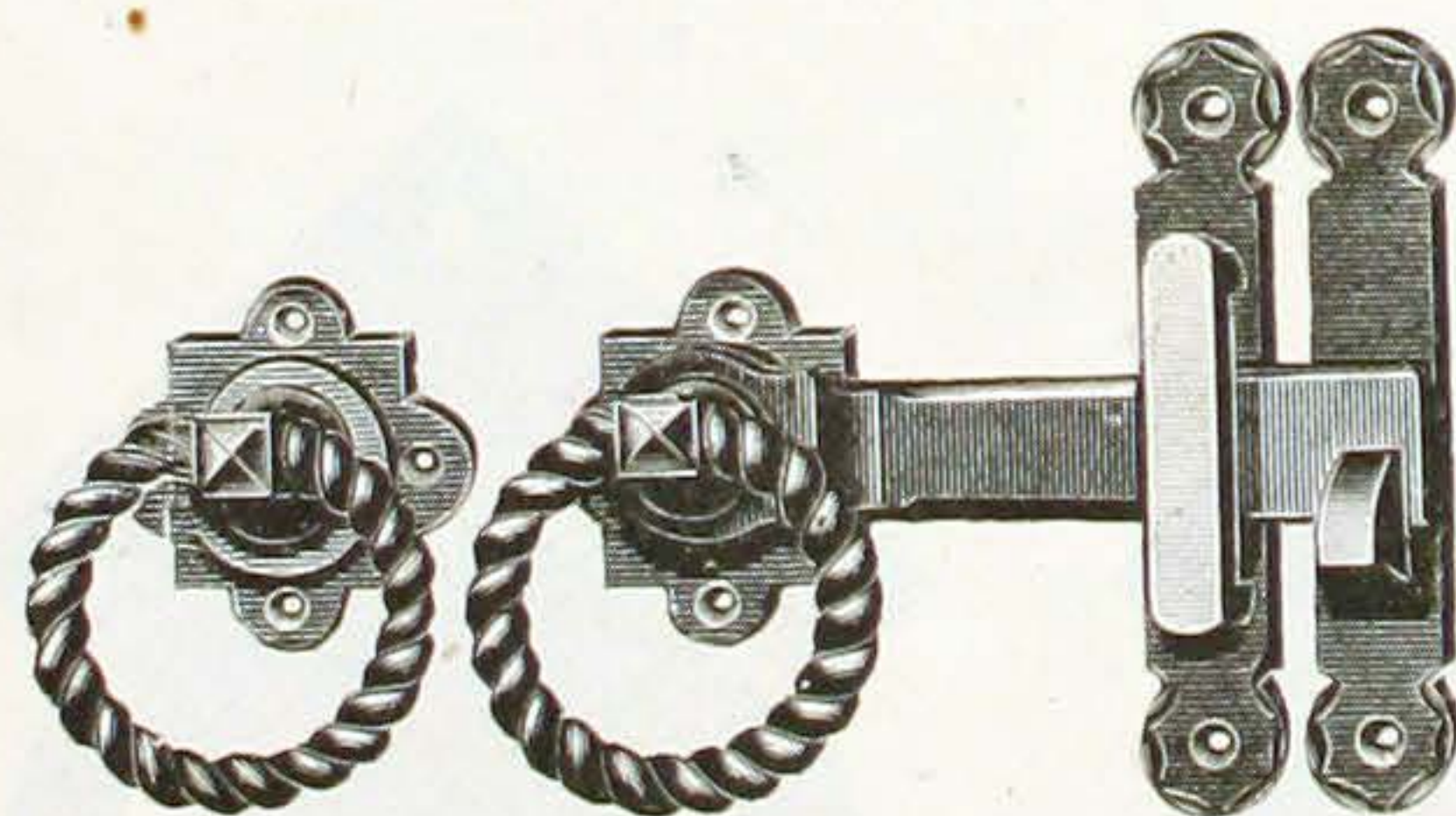
No. PHS 6740
Berlin Black. Latch Furniture.
Size. Dozen sets. Per set. Dozen sets. Per set.
5" .. 47/3 4/3 7" .. 56/- 4/10



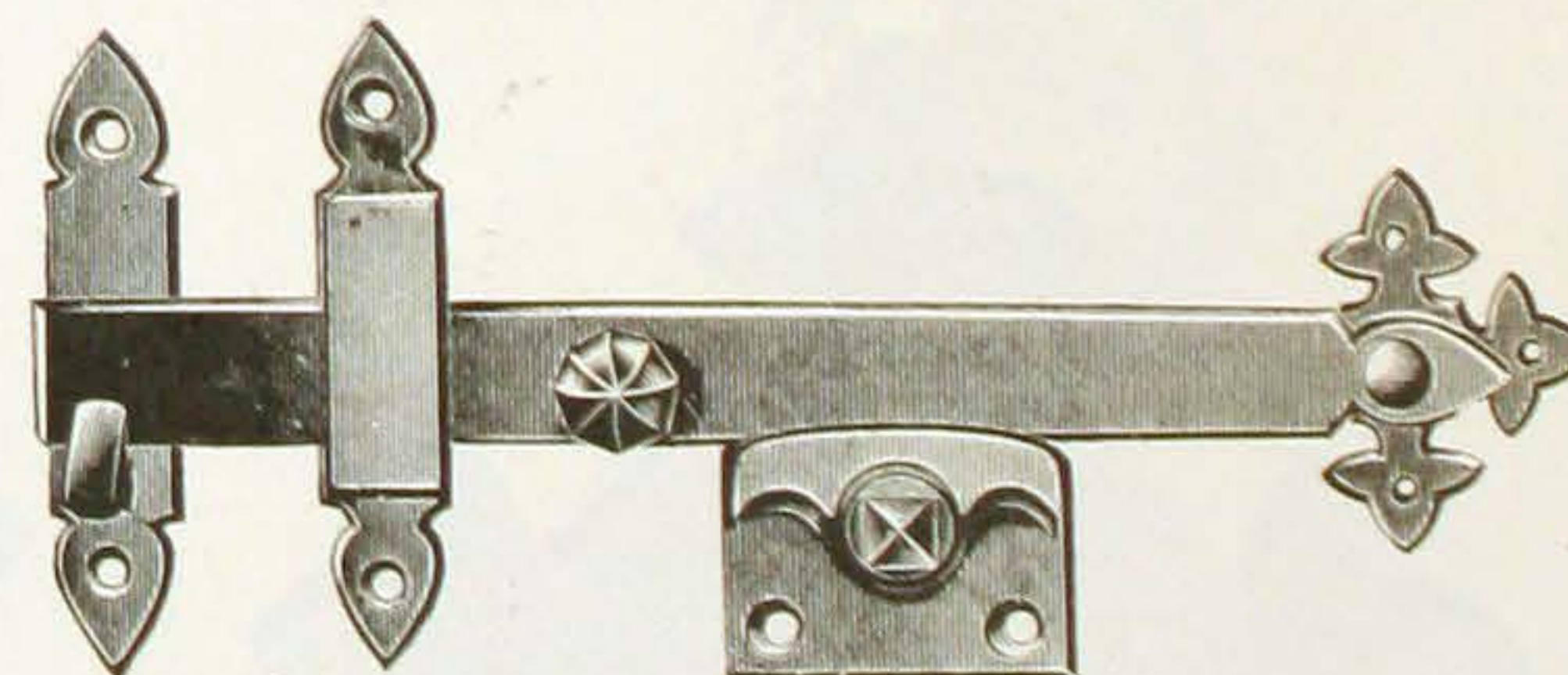
No. PHS 9082
Complete Latch with Handles, both sides of Door.
Handle, 8" 7/- per set.



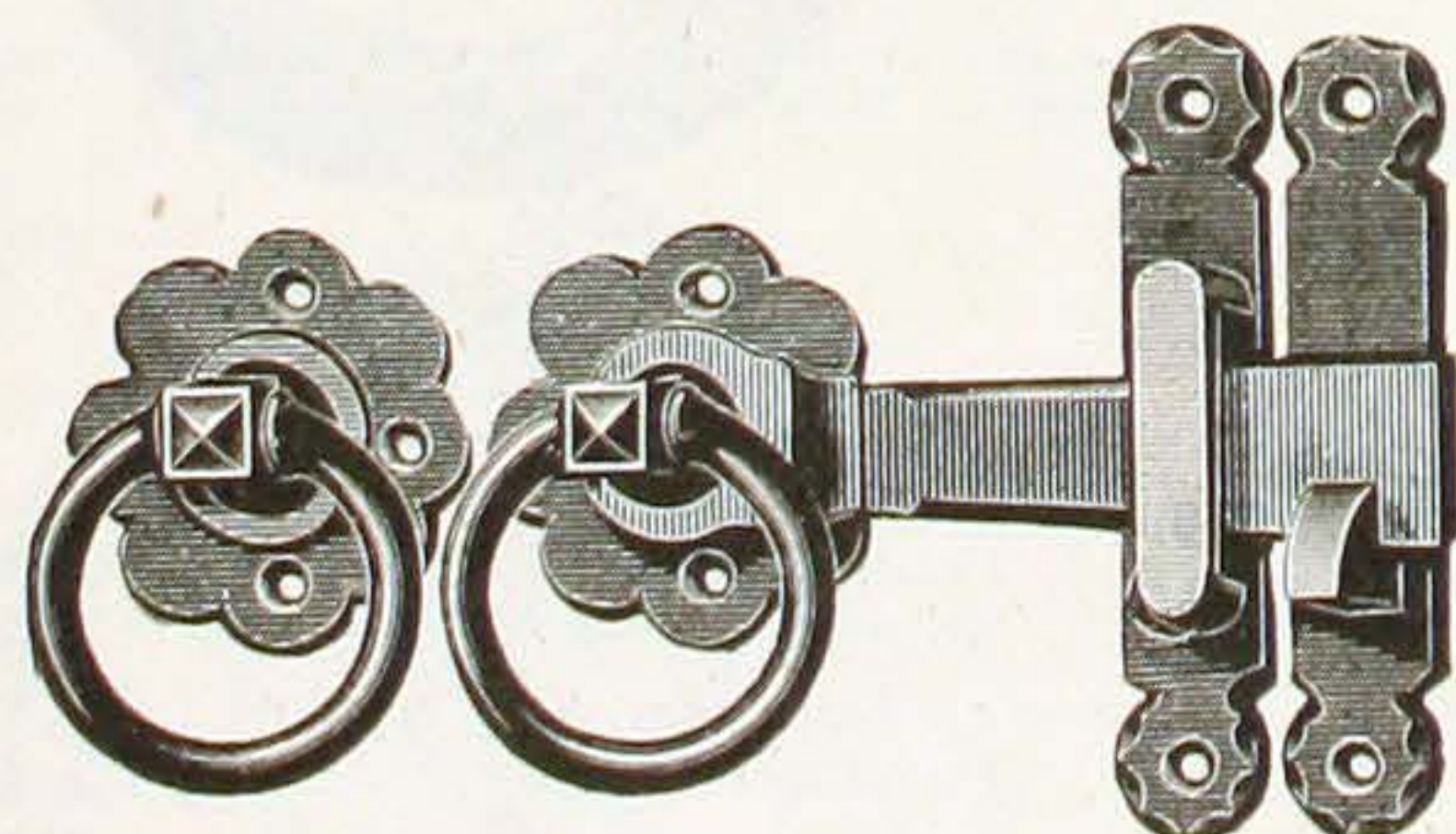
No. PHS 6194
Berlin Black. Galvanized. Brass.
Size. Dozen sets. Per set. Dozen sets. Per set. Dozen sets. Per set.
7" .. 38/6 3/4 43/9 3/9 107/3 9/2
8" .. 40/3 3/6 45/6 4/- 113/- 9/8



No. PHS 6201 Berlin Black.
Size. Dozen sets. Per set. Dozen sets. Per set. Dozen sets. Per set.
5" .. 75/3 6/4 7" .. 80/6 6/9 9" .. 98/- 8/3



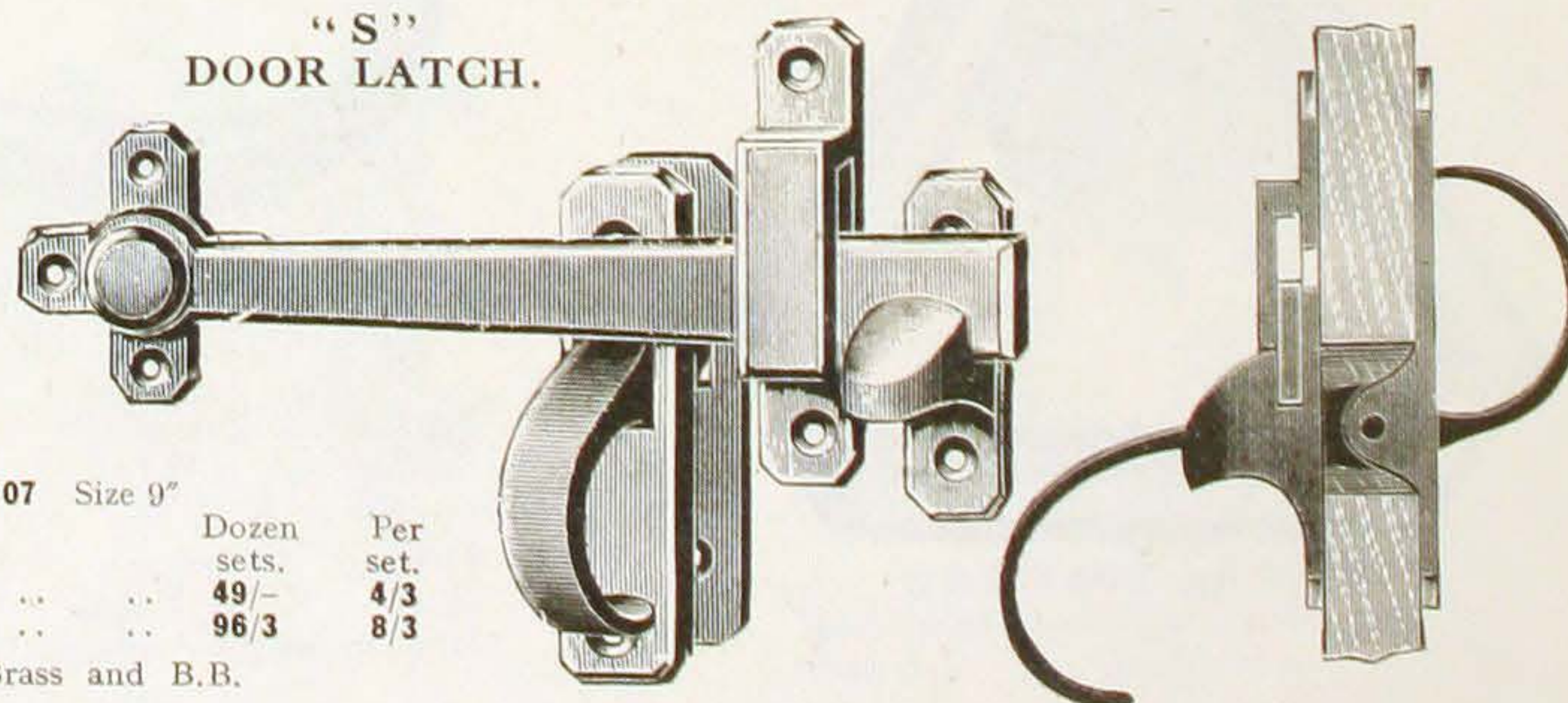
No. PHS 6196 With Lever.
Berlin Black. Brass.
Size. Dozen Sets. Per set. Dozen sets. Per set.
11" .. 36/9 3/3 122/- 10/4



No. PHS 6200 Berlin Black.
Size. Dozen sets. Per set. Dozen sets. Per set. Dozen sets. Per set.
5" .. 66/6 5/8 7" .. 75/3 6/4 9" .. 94/6 8/-

For Gothic
Head Nails
and Screws,
see page 264.

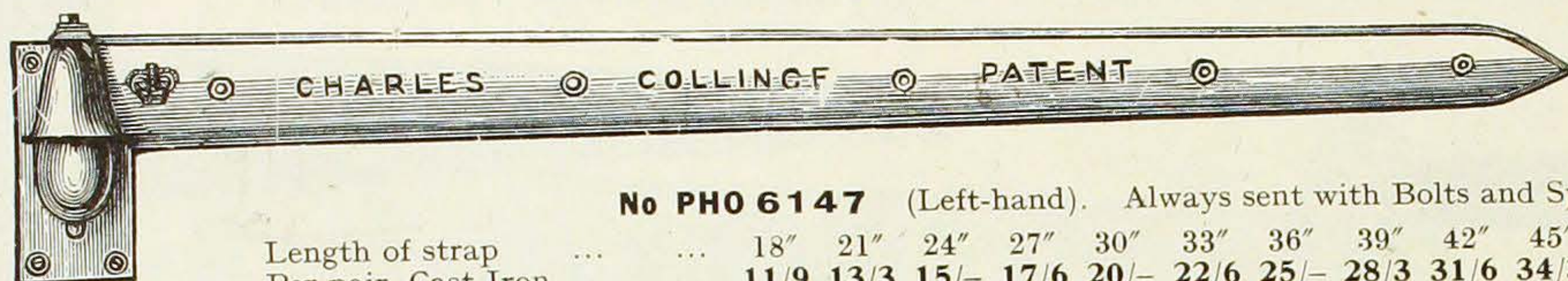
"S"
DOOR LATCH.



No. PHS 2707 Size 9"
Dozen sets. Per set.
Malleable Iron, B.B. .. 49/- 4/3
Brass .. 96/3 8/3
Stocked in Brass and B.B.

Hinges, Gate Catches, Stops, etc.

Collinge's Patent Cup and Ball Hinges.



State hand and thickness of gate when ordering.

Cup for Stone.

Suitable for wood, brick, or stone piers.

No PHO 6147 (Left-hand). Always sent with Bolts and Spanners unless otherwise ordered.

Length of strap ...	18"	21"	24"	27"	30"	33"	36"	39"	42"	45"	48"	51"	54"	57"	60"	69"	72"	78"	84"	90"
Per pair, Cast Iron ...	11/9	13/3	15/-	17/6	20/-	22/6	25/-	28/3	31/6	34/3	36/6	39/3	41/9	44/-	46/9	54/-	59/-	64/6	68/3	73/3
No. of Bolts per pair ...	—	—	—	2	2	2	4	4	8	10	10	10	12	12	12	12	14	14	16	16

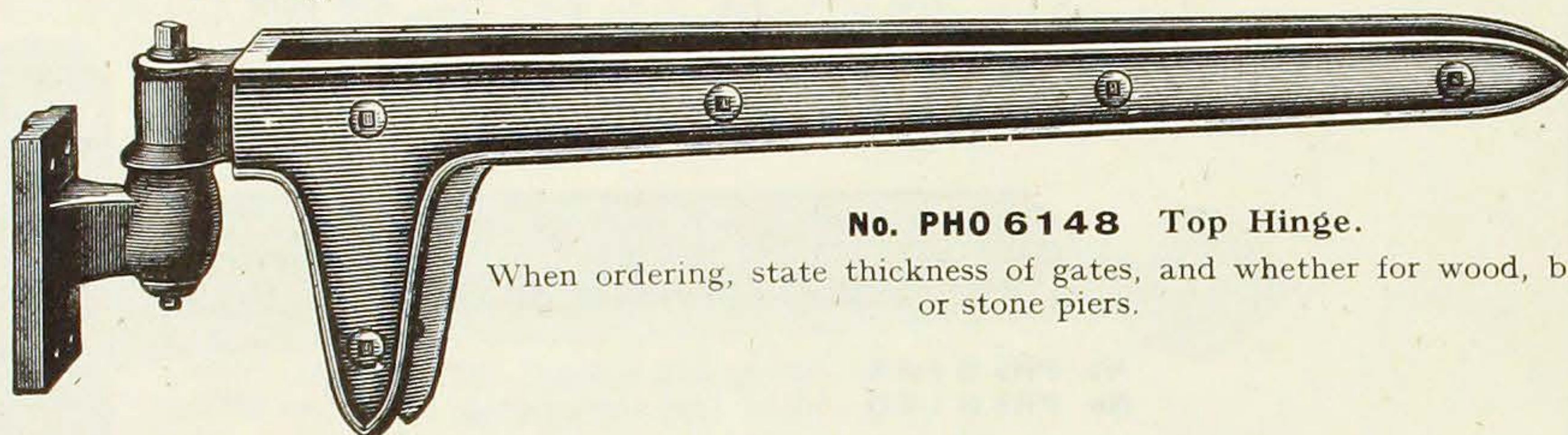
Prices extra.

Wrought Iron or Steel, 35/9 per pair per foot long.

Cups for Stone, Up to 3' 1/8 ; above 3' 3/3 per pair extra.

Collinge's Double Strap Hinges for Park or Field Gates.

To swing both ways.

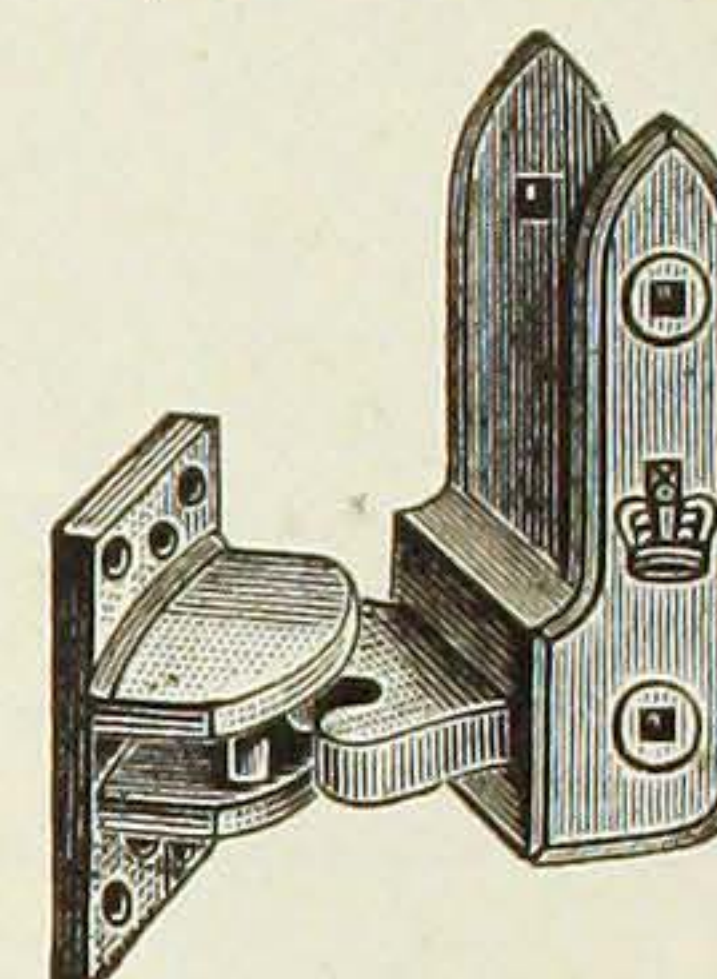


No. PHO 6148 Top Hinge.

When ordering, state thickness of gates, and whether for wood, brick, or stone piers.

Bottom Self-Closing Hinge.

With plate for wood post.

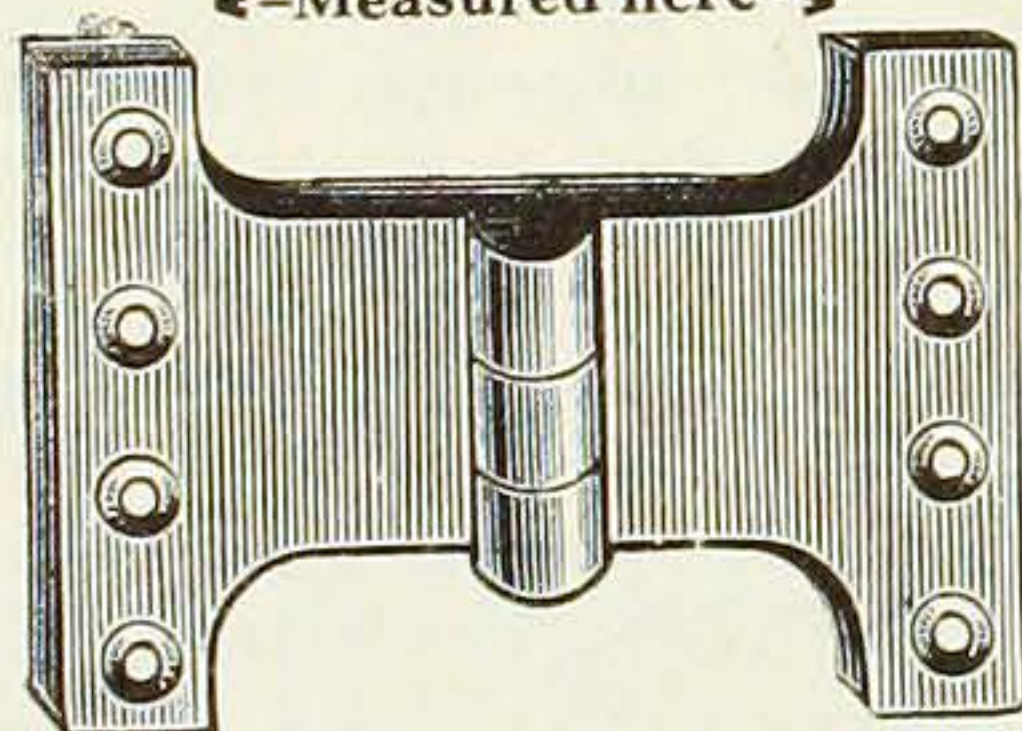


No. PHO 6148

In Cast Iron, 45/- per pair, per foot long.
In Wrought Iron or Cast Steel 91/6 per pair, per foot long.

Parliament Hinges.

←-Measured here→



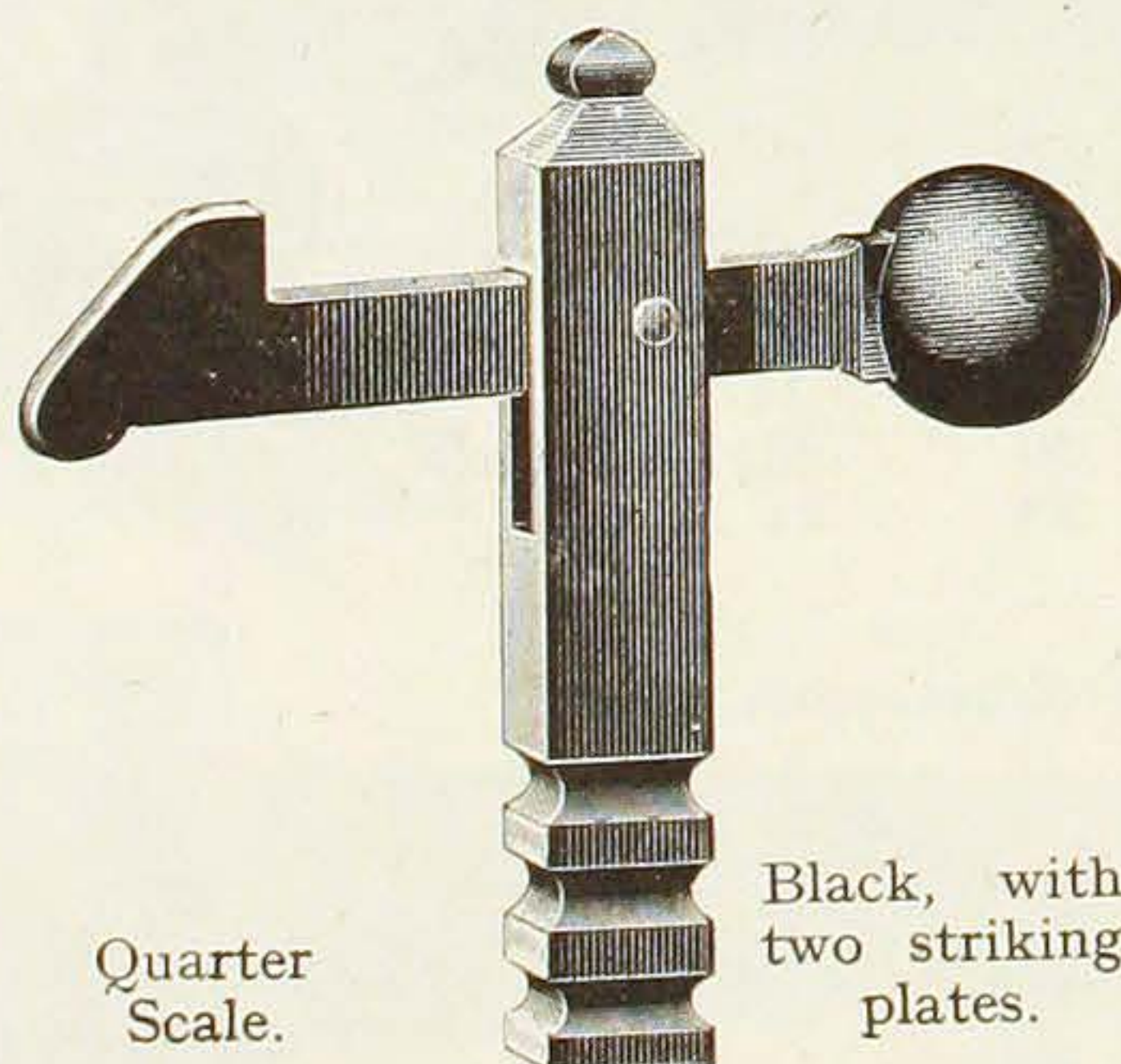
No. PHO 6121 Wrought Welded.

No. PHS 6122 Cast Steel.

Size	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"
No. PHO 6121—	—	3/6	4/2	4/4	4/9	5/2	—	6/8	—	—	—	—
No. PHS 6122—	1/-	1/1	1/3	2/-	2/3	2/6	2/9	3/-	3/4	3/8	4/-	4/6

per pair.

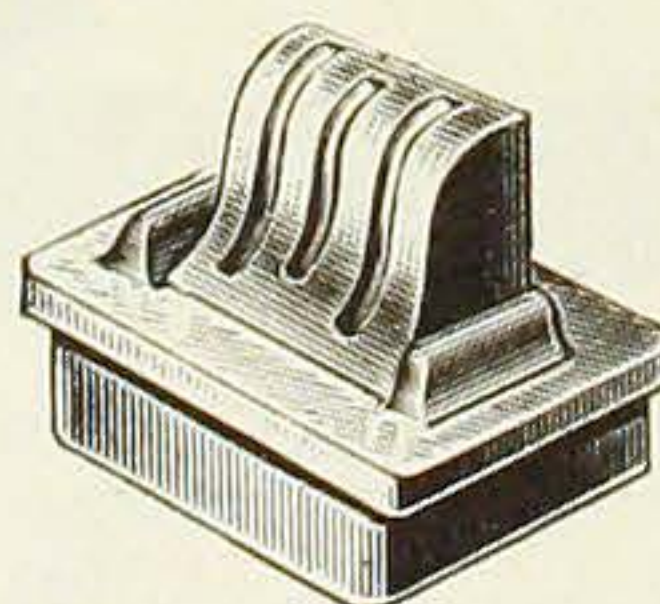
Malleable Gate Stop and Catch for Stone.



No. PHS 6162

Pillar 7 1/2" overall. Balance, 9" overall.
Price ... 6/3 each.

Self-Acting Rising and Falling Gate Stop.

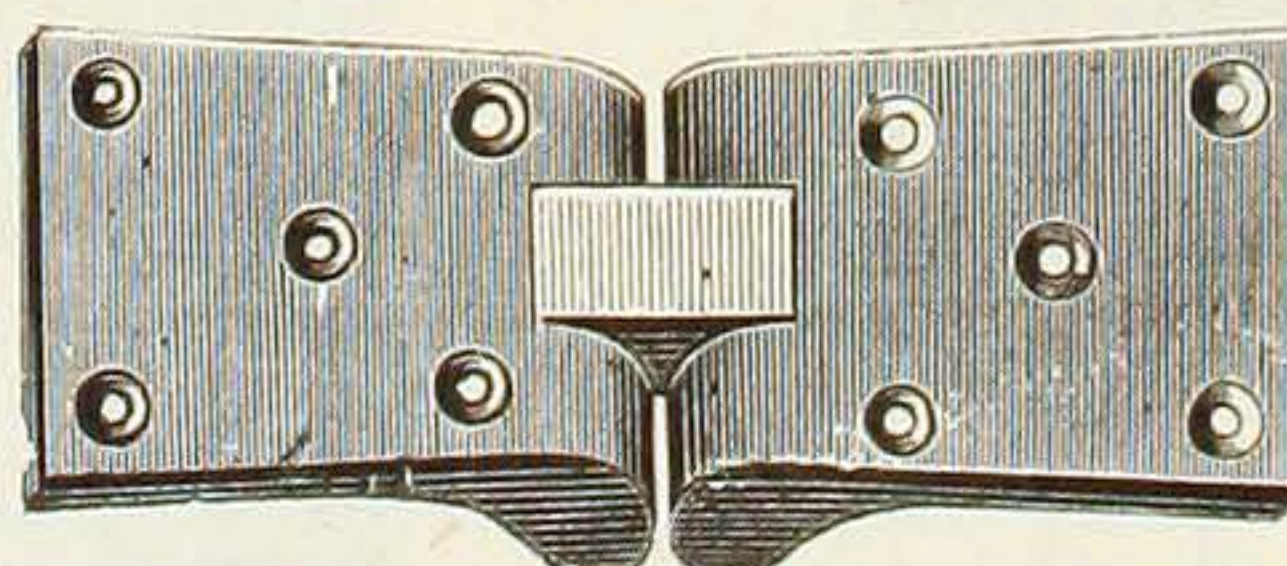


No. PHS 5332

Two striking plates included with each.

Size	3 1/2" x 3 1/2"	...	6/9 each.
7 1/2" x 6 1/4"	...	13/3	"
9 1/2" x 7 1/2"	...	16/9	"
12" x 8 3/4"	...	25/-	"
16" x 13"	...	50/-	"
Extra strong—			
10 1/4" x 7 1/4"	...	20/9	"

Counter Hinges.

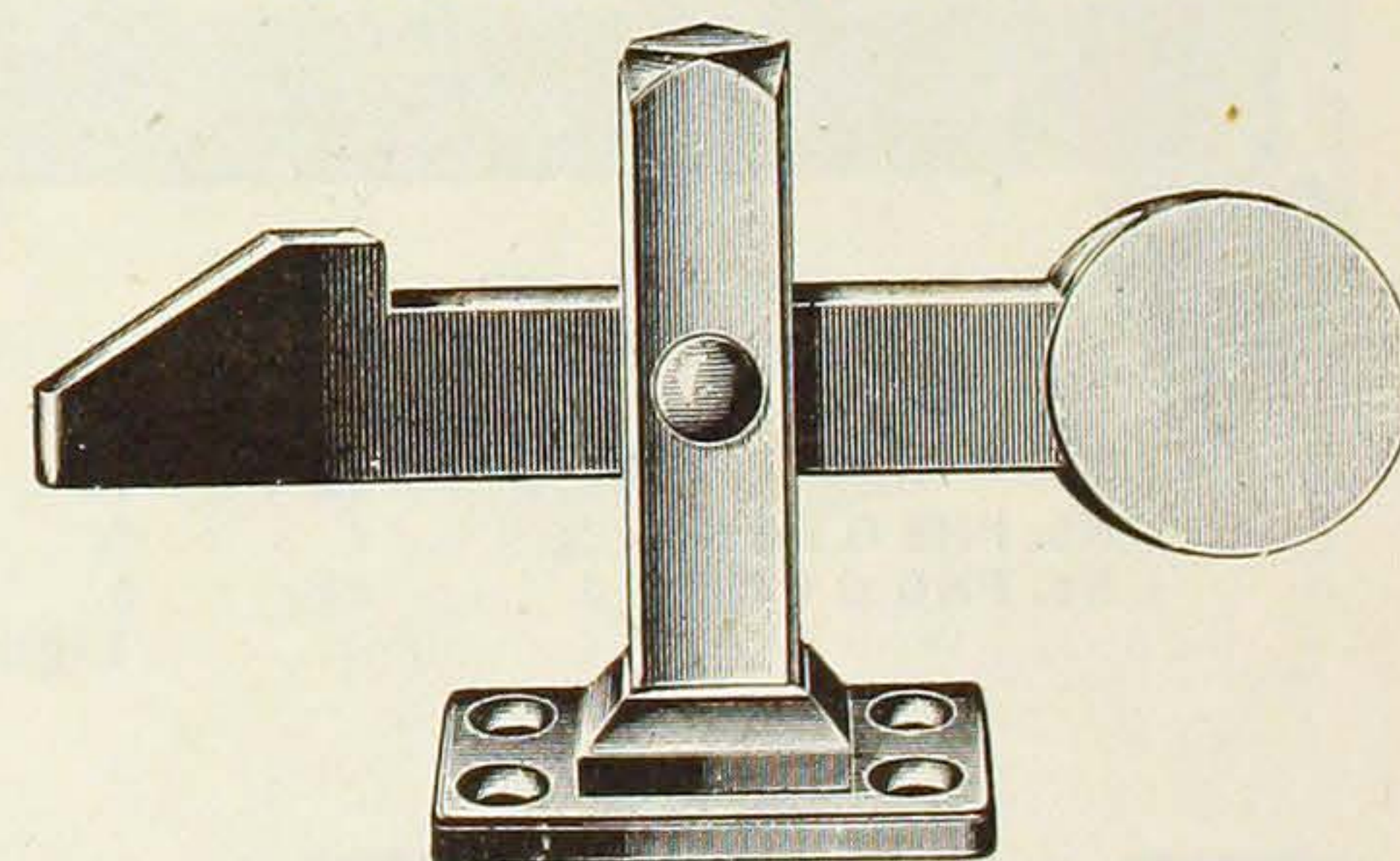


No. PHS 6216

Malleable. Art Black.

Size	6" x 2 3/8"	8" x 2 3/8"
Per pair	5/3	7/3

Malleable Gate Stop and Catch.

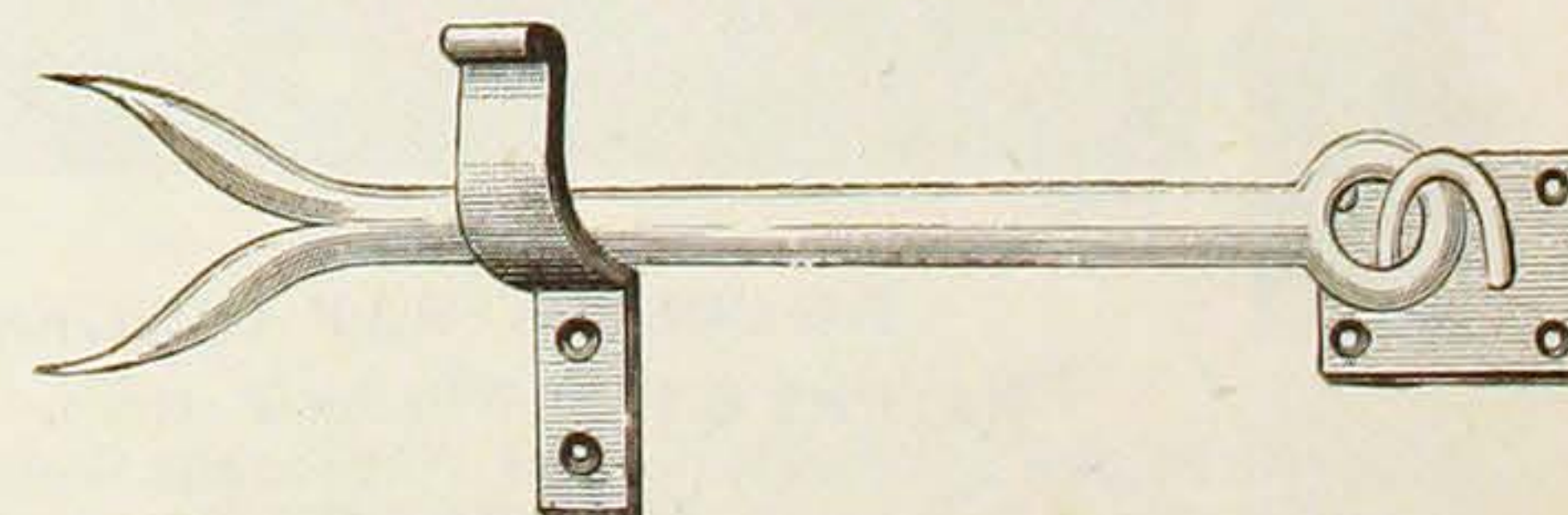


Black, with two striking plates.

No. PHS 6160

Pillar 10" overall. Balance 11" overall.
Price 11/6 each.

Malleable Gate Prop.



No. PHS 6161 12" Black.

Price 2/4 each.

Tee Hinges, Hooks and Bands, Gate Hinges, etc.

LIGHT WEIGHTY SCOTCH TEE HINGES.

Self-colour.



No. PHS 6134 49/- per cwt.

Approx. weight per dozen pairs.

6"	7"	8"	9"	10"	12"	14"	16"	18"	20"	22"	24"	30"
11½	15	15½	22½	24	29	43½	50	73½	90	112	134½	179 lbs.

JAPANNED SCOTCH TEE HINGES.



No. PHS 6133 Strong, 6" to 24"
 No. PHS 6132 Medium, 6" to 24"
 No. PHS 6123 Light, 4" to 18"

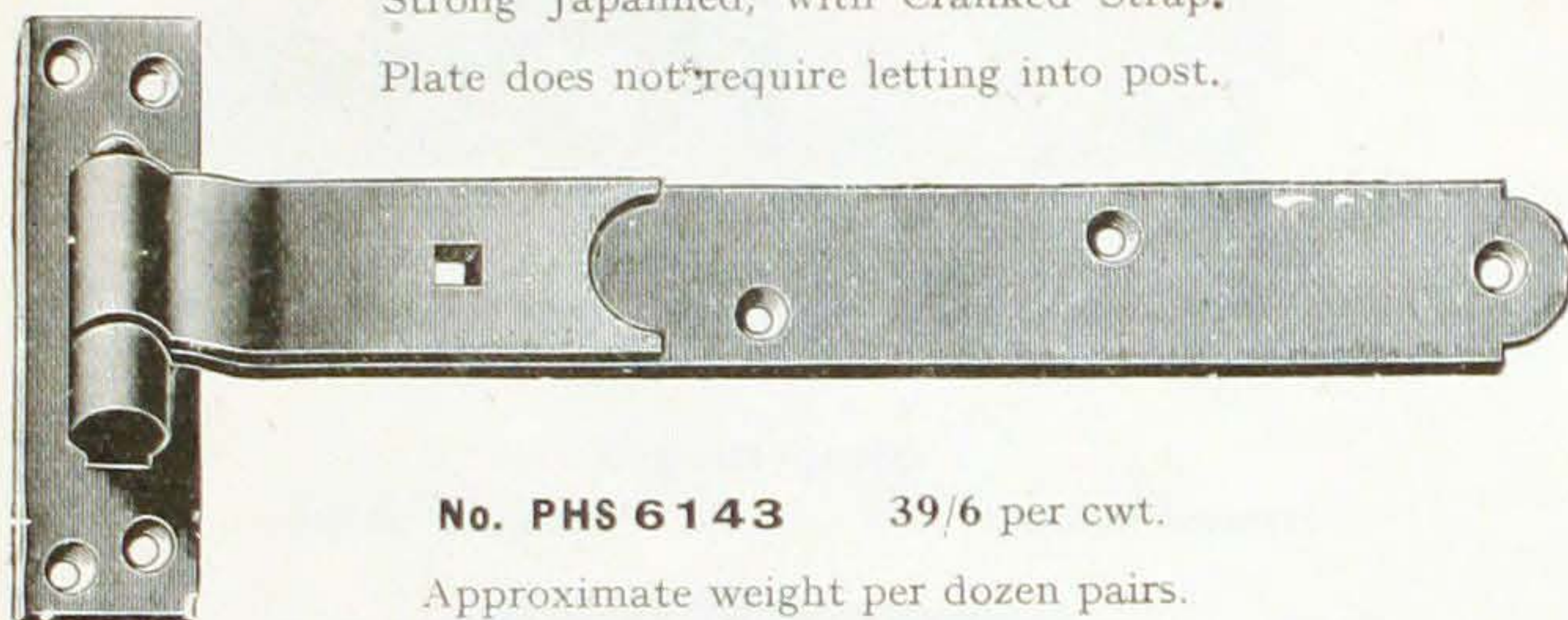
No.	Size	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
No. PHS 6133	—	—	6/-	7/-	8/3	10/3	12/10	16/8	19/3	23/-	32/-	36/9
No. PHS 6132	—	—	4/2	5/2	6/-	7/4	9/8	12/10	15/8	17/6	22/-	24/9
No. PHS 6123	—	2/6	2/9	3/4	4/5	5/3	7/-	8/9	10/8	—	—	—

Per dozen pairs.

HOOK AND BAND HINGES.

Strong Japanned, with Cranked Strap.

Plate does not require letting into post.



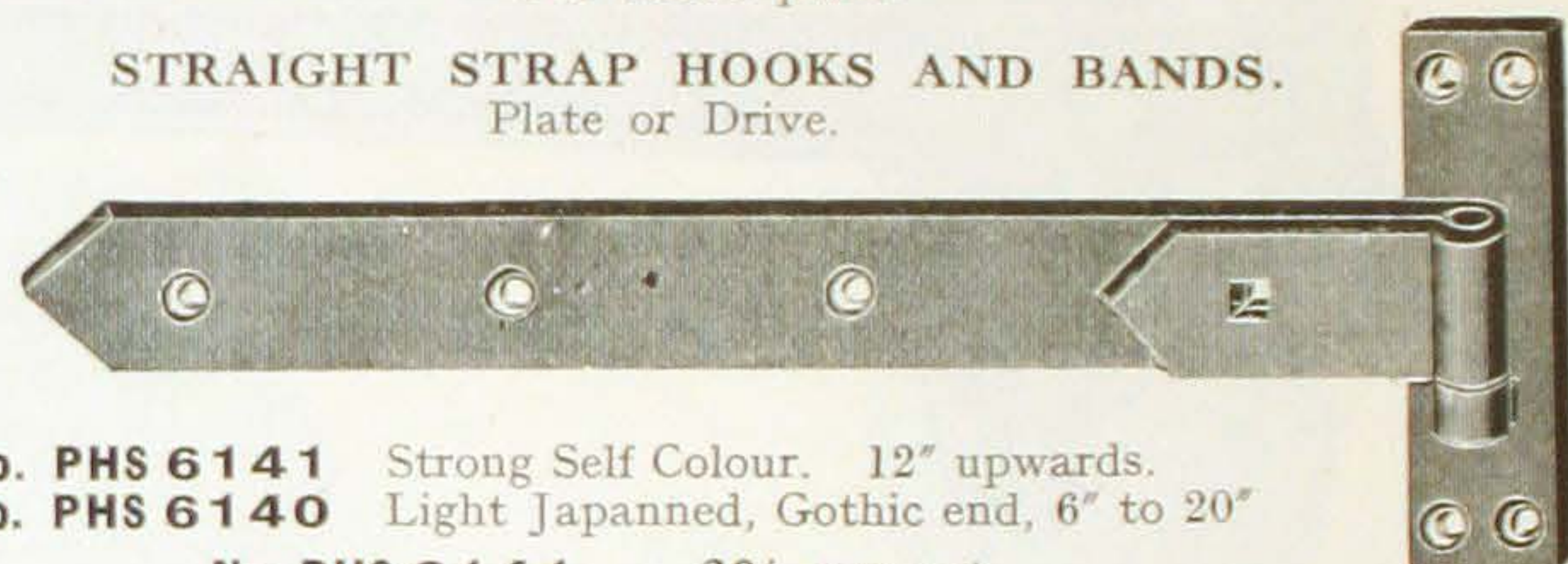
No. PHS 6143 39/6 per cwt.

Approximate weight per dozen pairs.

10"	12"	14"	16"	18"	20"	22"	24"	27"	30"	33"	36"	42"	48"
46	48	64	70	98	104	144	168	200	208	252	270	288	306 lbs.

STRAIGHT STRAP HOOKS AND BANDS.

Plate or Drive.



No. PHS 6141 Strong Self Colour. 12" upwards.
 No. PHS 6140 Light Japanned, Gothic end, 6" to 20"

No. PHS 6141 30/- per cwt.

Approximate weight per dozen pairs.

Size	12"	14"	16"	18"	20"	22"	24"	27"	30"	36"
Approx. weight	48	66	84	108	120	138	150	180	204	264 lbs.

No. PHS 6140 Gothic End on Plate or with hooks to drive.

Price per dozen pairs.

Size	6"	7"	8"	9"	10"	12"	14"	16"	18"	20"
Price	8/6	9/-	9/6	10/6	12/8	16/10	19/-	21/-	23/3	28/4
Approx. weight	8	9	14	14½	15	25	27	30	33	47 lbs.

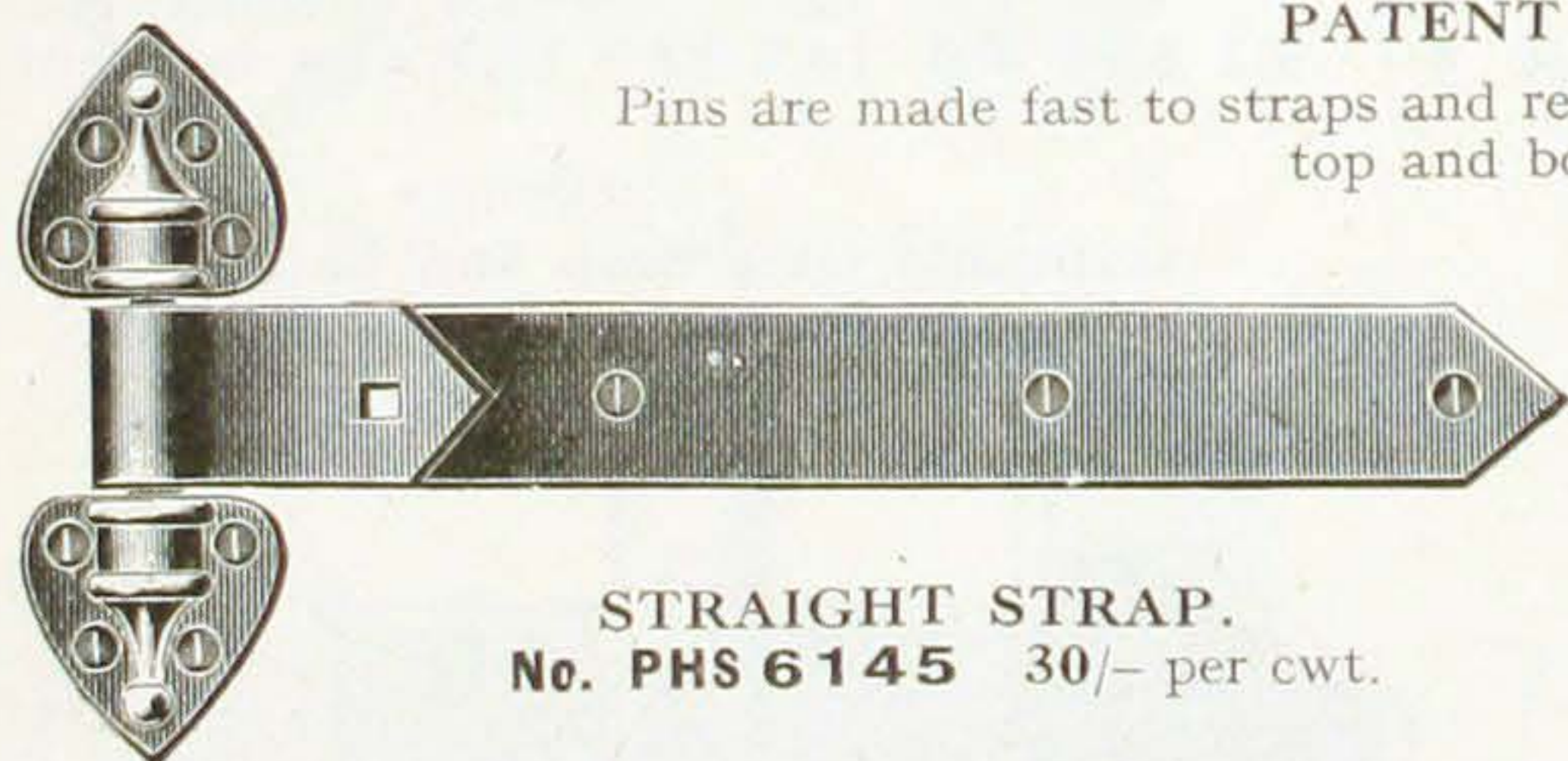
No. PHS*7034 Gothic T Hinge, bright finish. For illustration see BS 7034 on page 42.

Size	10"	12"	14"	16"	18"	21"	24"
Price	21/-	24/2	27/4	31/6	37/10	52/6	65/2 doz. pairs.
Approx. weight	28	31	38	44	46	86	98 lbs.

* Only stocked in 14" size.

PATENT REVERSIBLE ANTI-FRICTION HINGES.

Pins are made fast to straps and revolve on their centres, thus reducing friction to a minimum, and being held top and bottom by the sockets, doors cannot possibly sag.

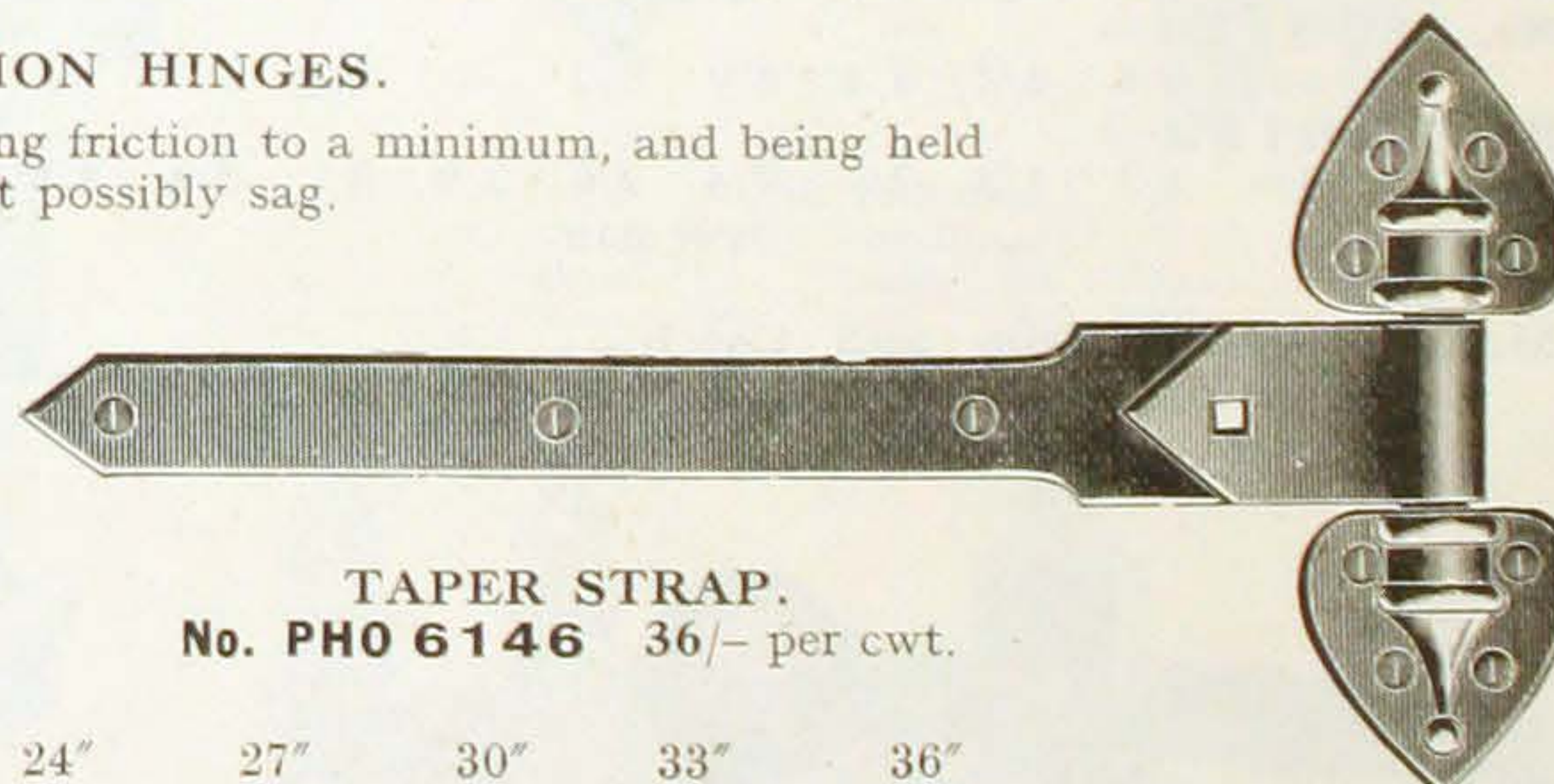


STRAIGHT STRAP.
 No. PHS 6145 30/- per cwt.

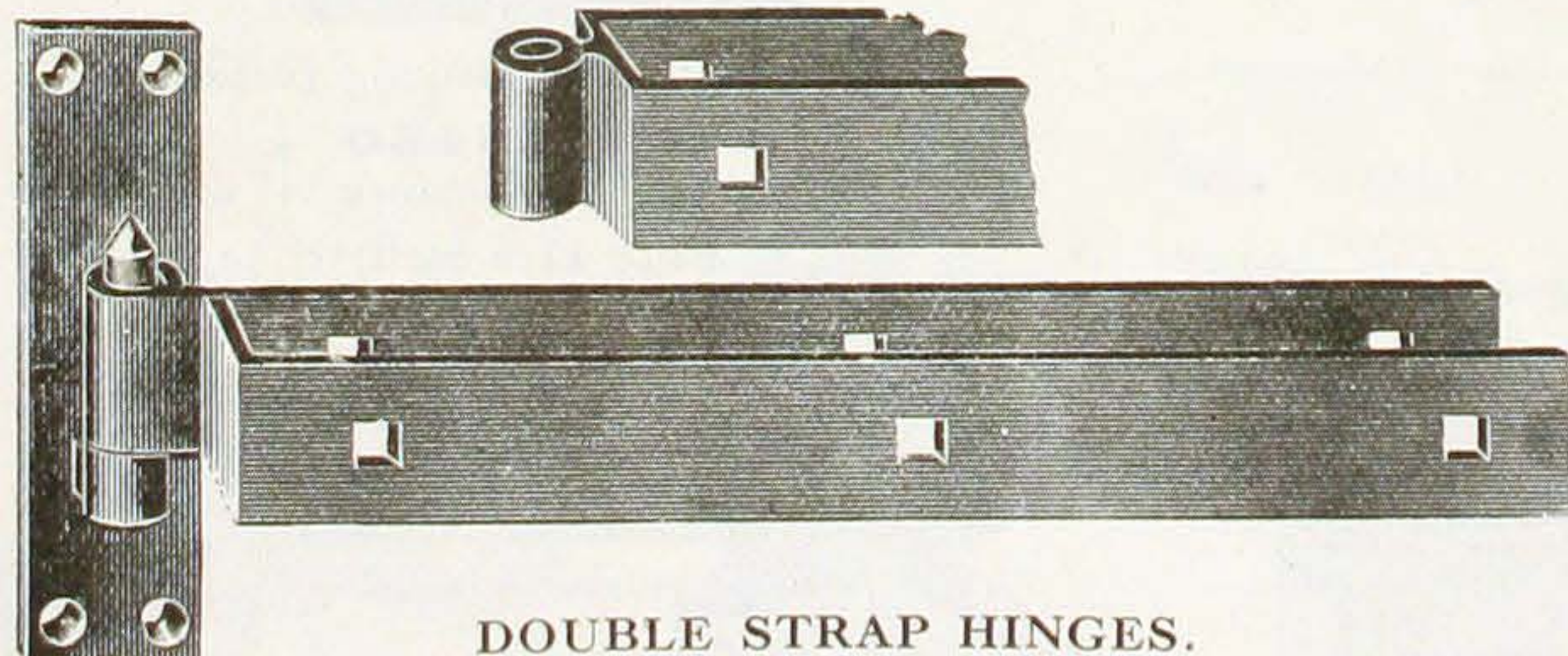
		Approx. weight per dozen pairs.											
Size	10"	12"	14"	16"	18"	20"	22"	24"	27"	30"	33"	36"	
No. PHS 6145	3½	4	5½	6¼	9½	10½	11½	12½	17	18½	20	23¼ lbs. approx	
No. PHO 6146	3	3½	5	5½	8½	9½	10½	11½	15½	17	18	21 " "	

Light Perfect Reversible Hinges. No. PHS 6713

Size	10"	12"	14"	16"	18"	20"	24"
Price	11/8	12/9	18/6	19/8	25/8	29/4	35/6 per dozen pairs.



TAPER STRAP.
 No. PHO 6146 36/- per cwt.



DOUBLE STRAP HINGES.

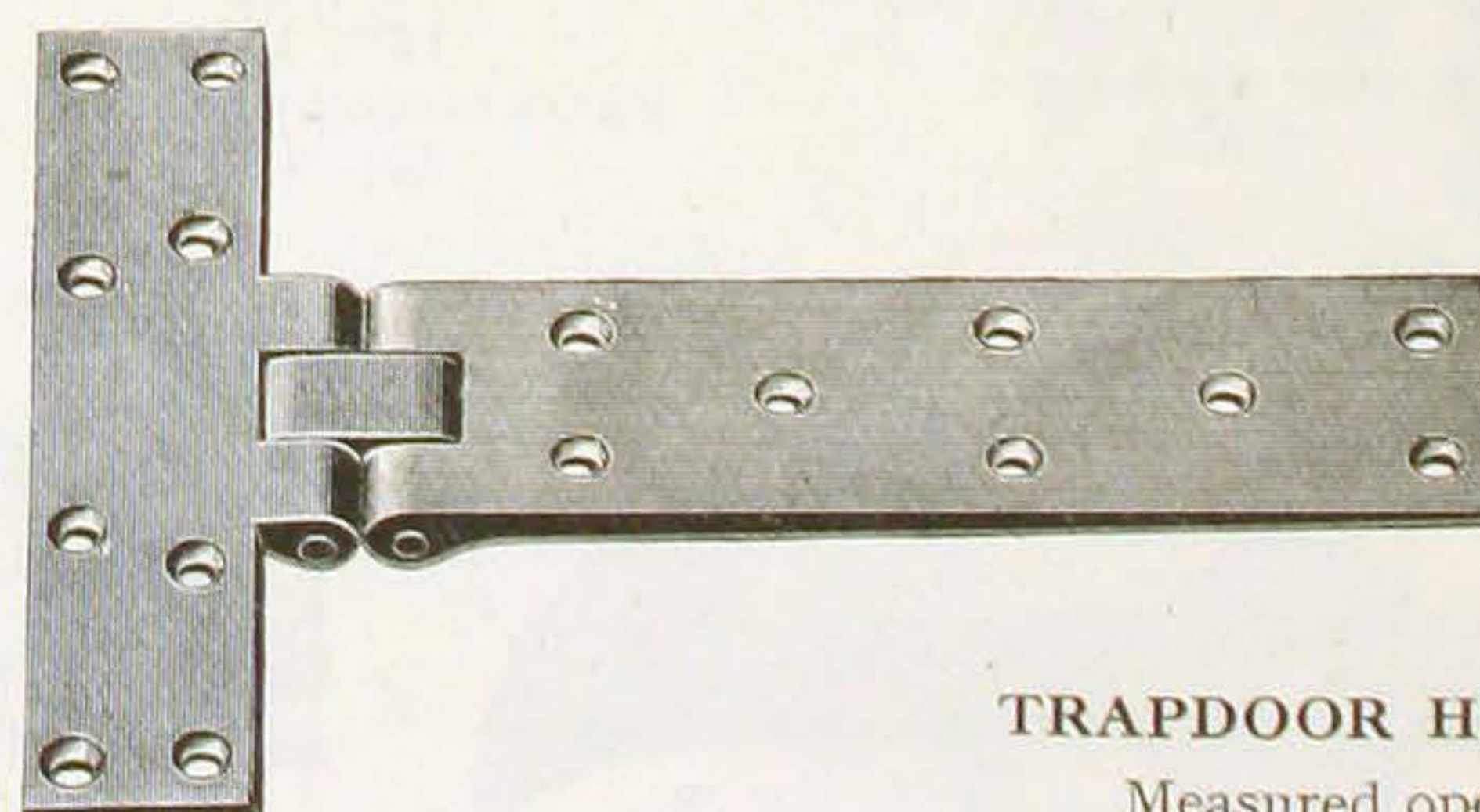
No. PHS 6144 Stock Pattern.

Wrought Folded Eye, 53/6 per cwt. Wrought Welded Eye, 71/6 per cwt.

No. PHS 6714

Self Closing Double Strap Hinges.

Wrought Folded Eye, 61/3 per cwt. Wrought Welded Eye, 78/9 per cwt.



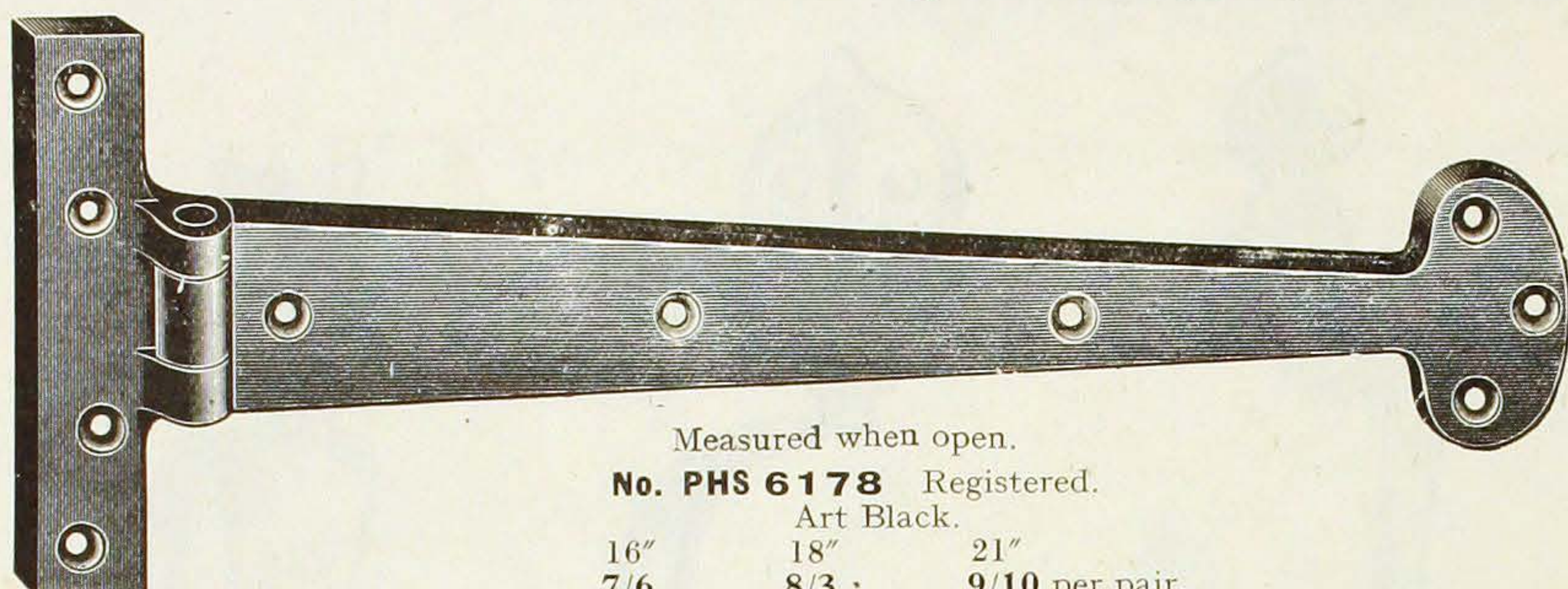
TRAPDOOR HINGES.

Measured open.

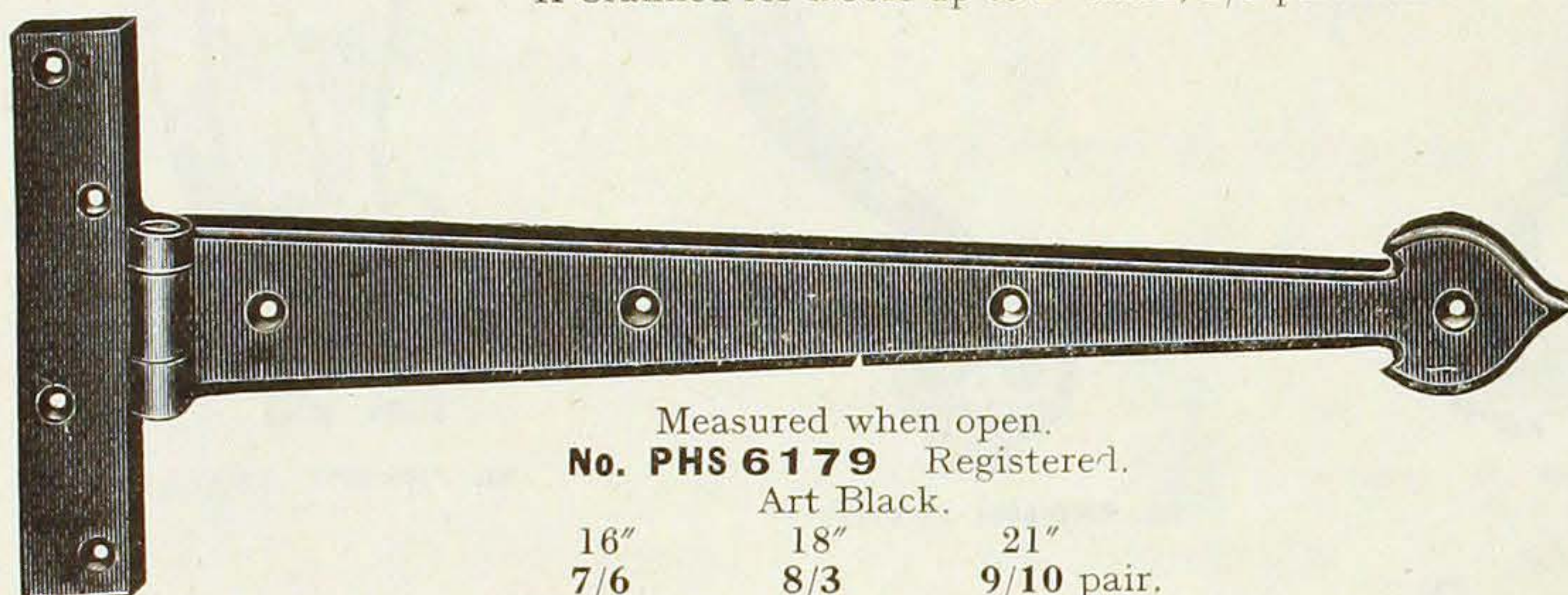
No. PHO 6215 Malleable. Art Black.

Size	12" x 8"	15" x 8"	18" x 10"
	8/9	11/6	14/- per pair.

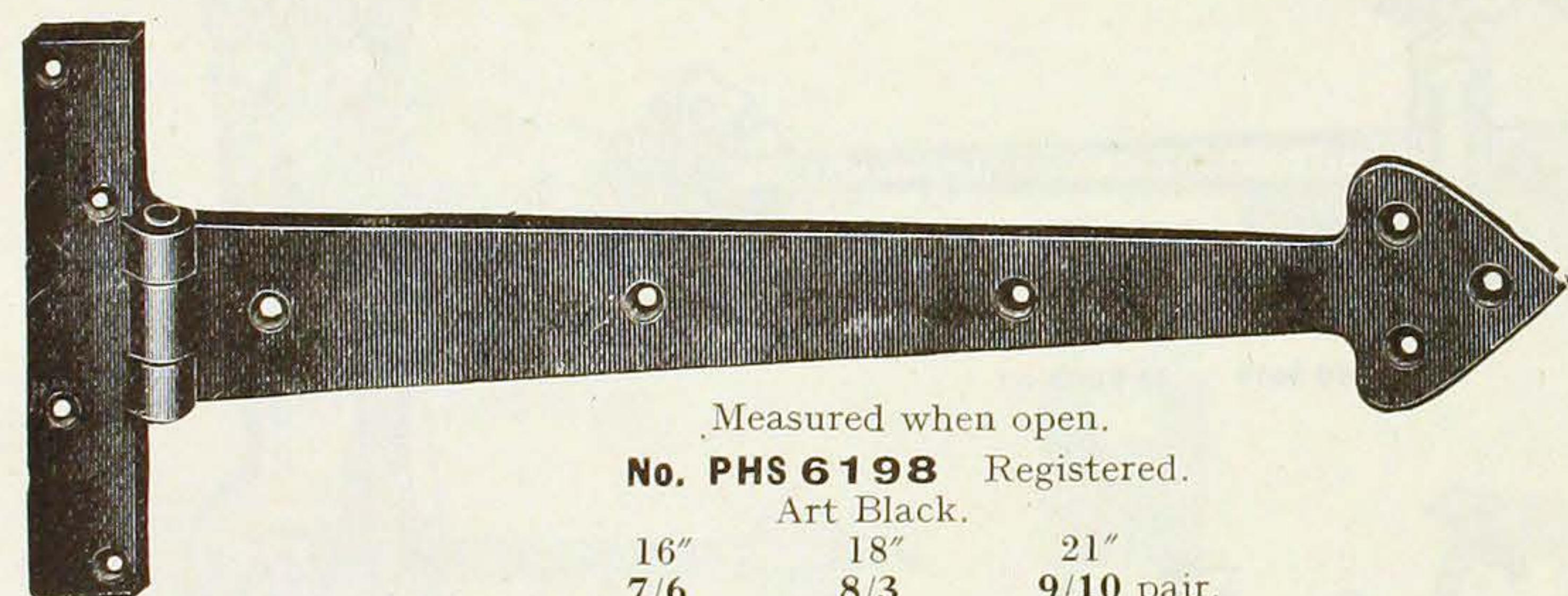
Garden City Hinges and Gate Catches



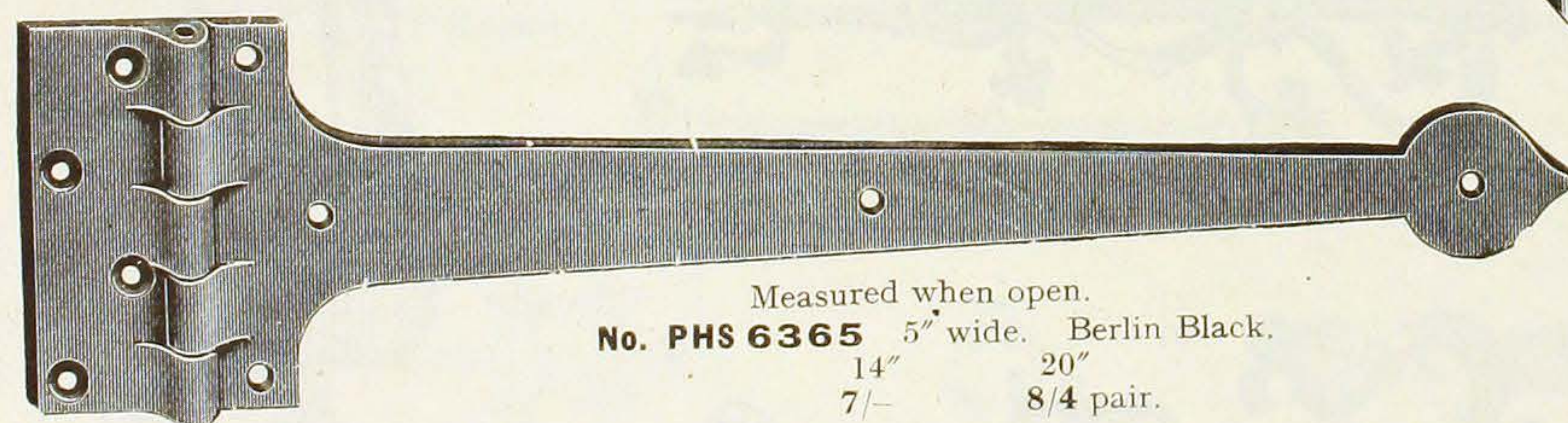
Measured when open.
No. PHS 6178 Registered.
 Art Black.
 16" 18" 21"
 7/6 8/3 9/10 per pair.
 If Cranked for Doors up to 2" thick, 3/3 pair extra.



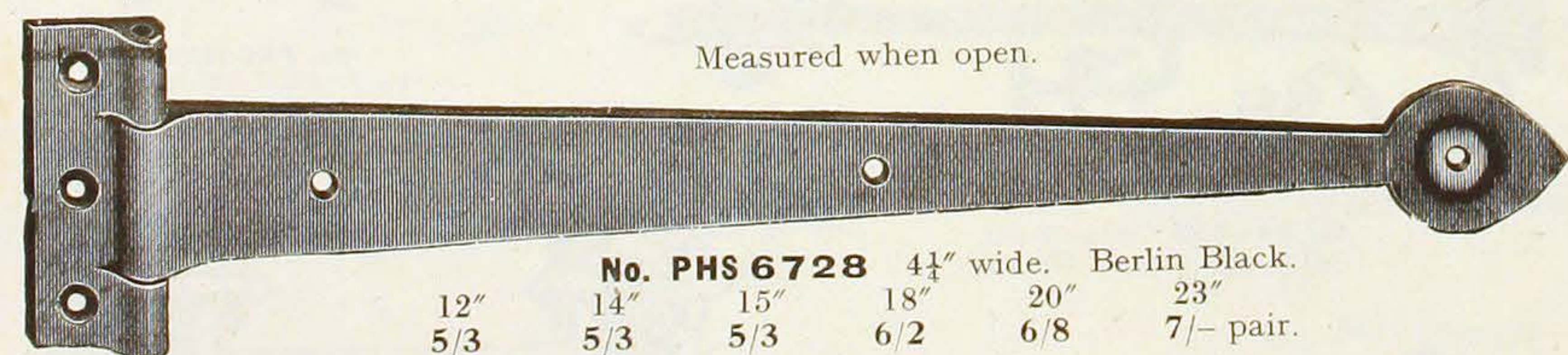
Measured when open.
No. PHS 6179 Registered.
 Art Black.
 16" 18" 21"
 7/6 8/3 9/10 pair.
 If Cranked for Doors up to 2" thick 3/3 pair extra.



Measured when open.
No. PHS 6198 Registered.
 Art Black.
 16" 18" 21"
 7/6 8/3 9/10 pair.
 If Cranked for Doors up to 2" thick, 3/3 pair extra.



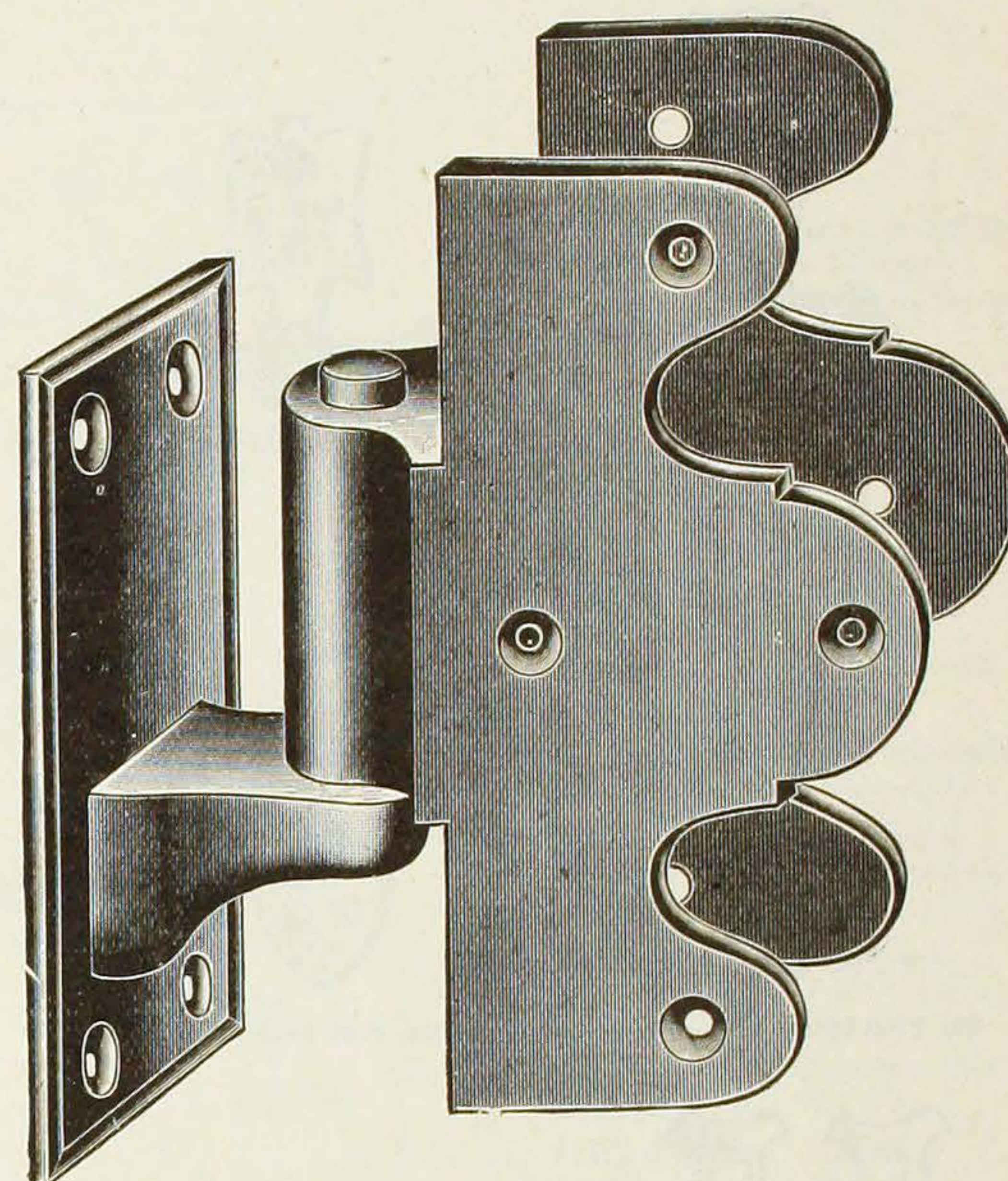
Measured when open.
No. PHS 6365 5" wide. Berlin Black.
 14" 20"
 7/- 8/4 pair.



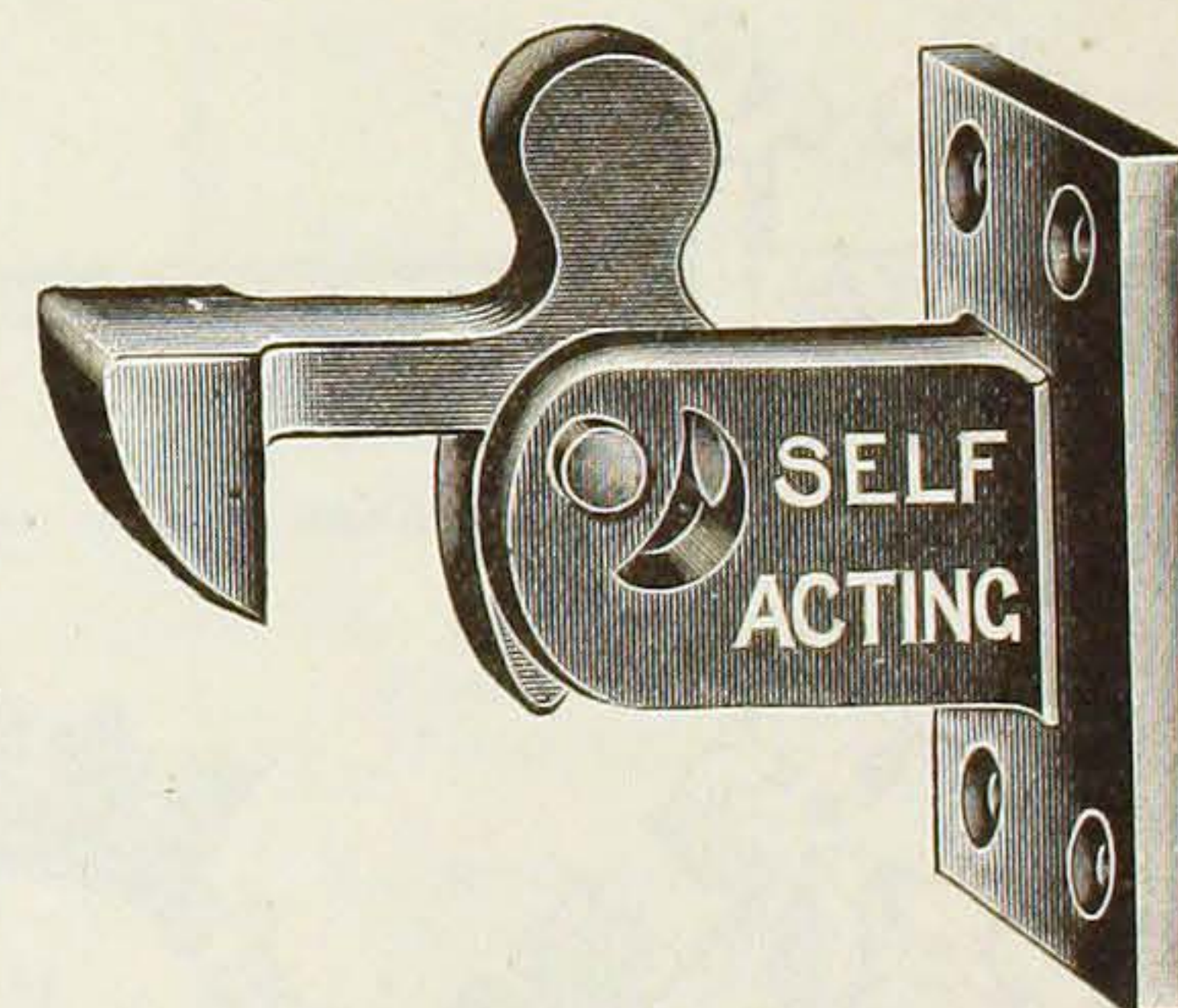
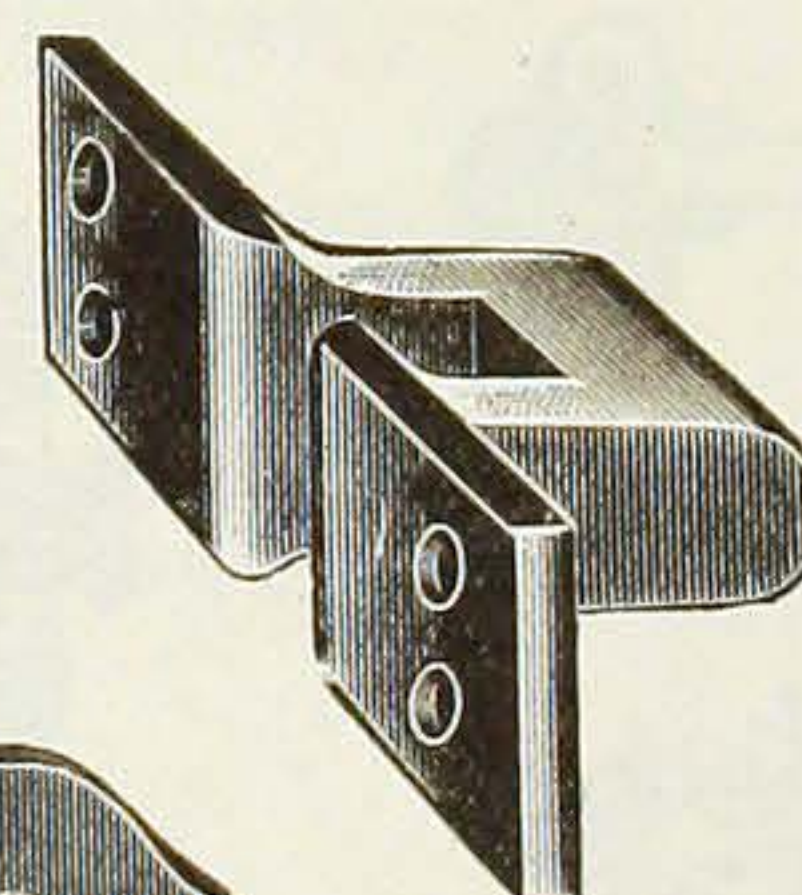
Measured when open.
No. PHS 6728 4 1/4" wide. Berlin Black.
 12" 14" 15" 18" 20" 23"
 5/3 5/3 5/3 6/2 6/8 7/- pair.



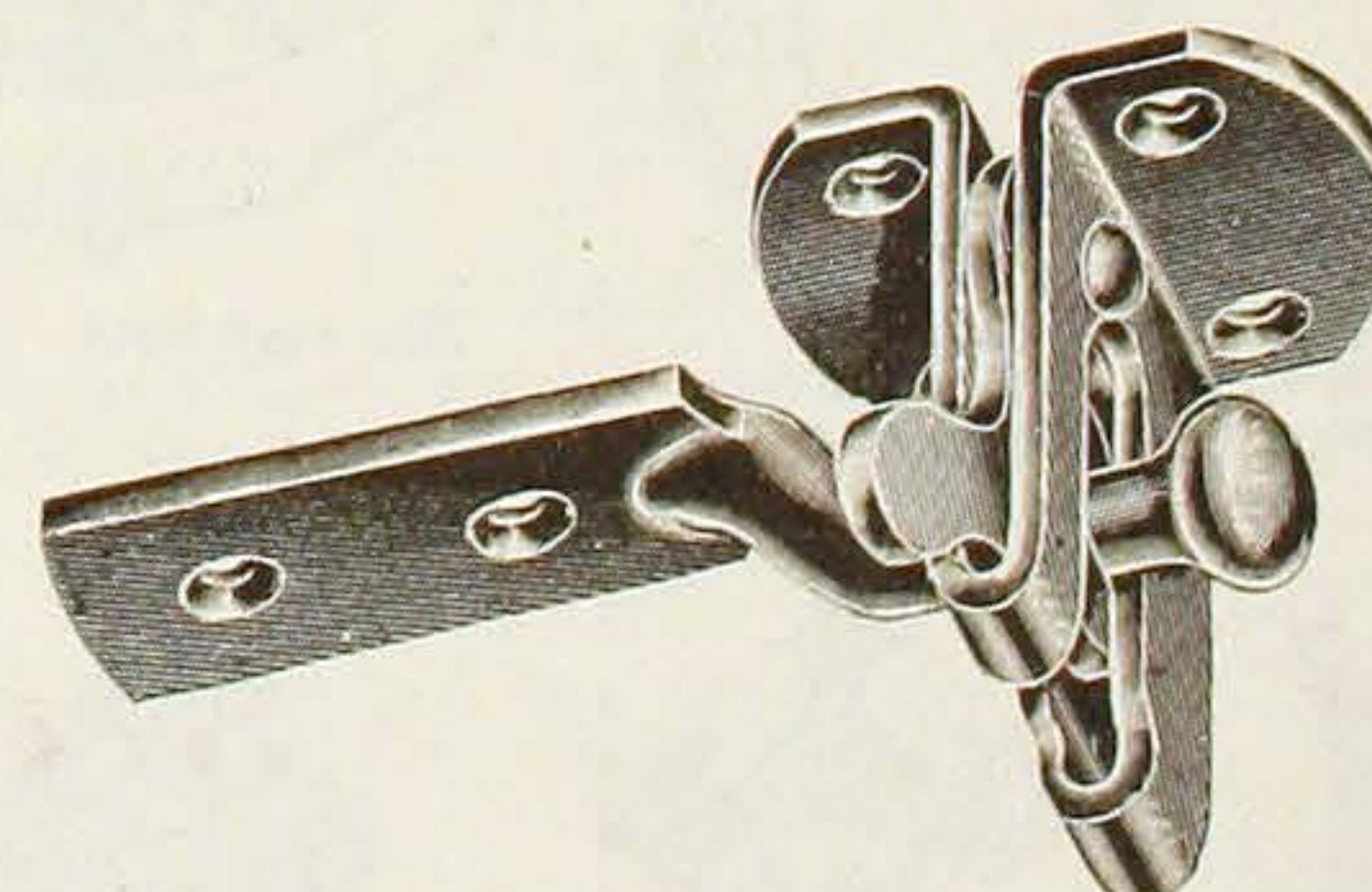
No. PHS 6729 Antique Hinge.
 Dull Black. Armour Bright.
 Size. 10 1/2" 6/3 7/- pair.
 15" 7/- 8/- "



No. PHS 6730
 Gate Hinge for 2" thick Gates.
 Art Black, 13/2 per pair.
 Screws for fixing, 11d. set extra.



No. PHS 6731
 Self Acting Gate Catch.
 Art Black.
 35/- dozen, 3/2 each.



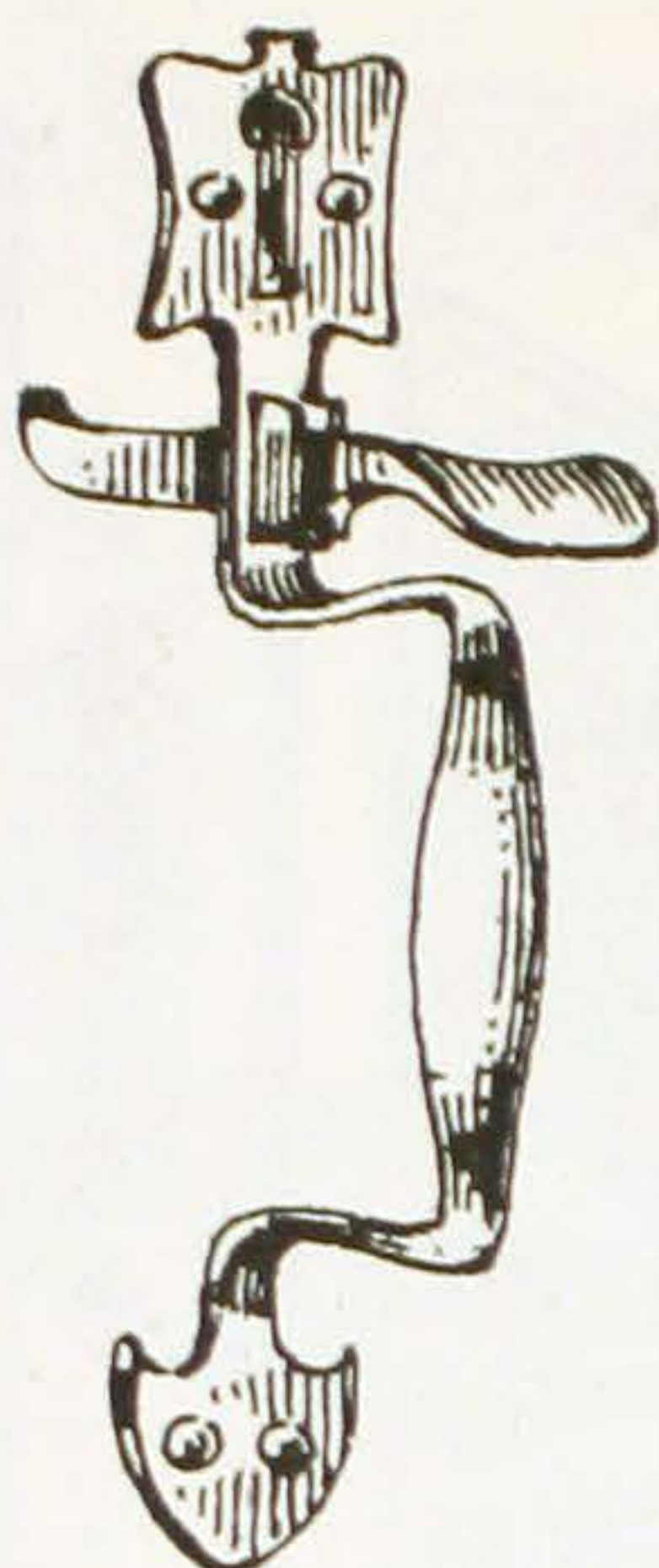
No. PHS 6732
 Automatic Gate Latch.
 Steel with malleable Peg.
 Semi-Dead Black, 6/- dozen, 7d. each.

Best Quality Hand Hammered Ironwork.

FINE EXAMPLES OF THE MEDIEVAL BLACKSMITH'S ART.

Handles, Knockers and
Escutcheons, $\frac{1}{2}$ full size.
Hinges, 1" scale.

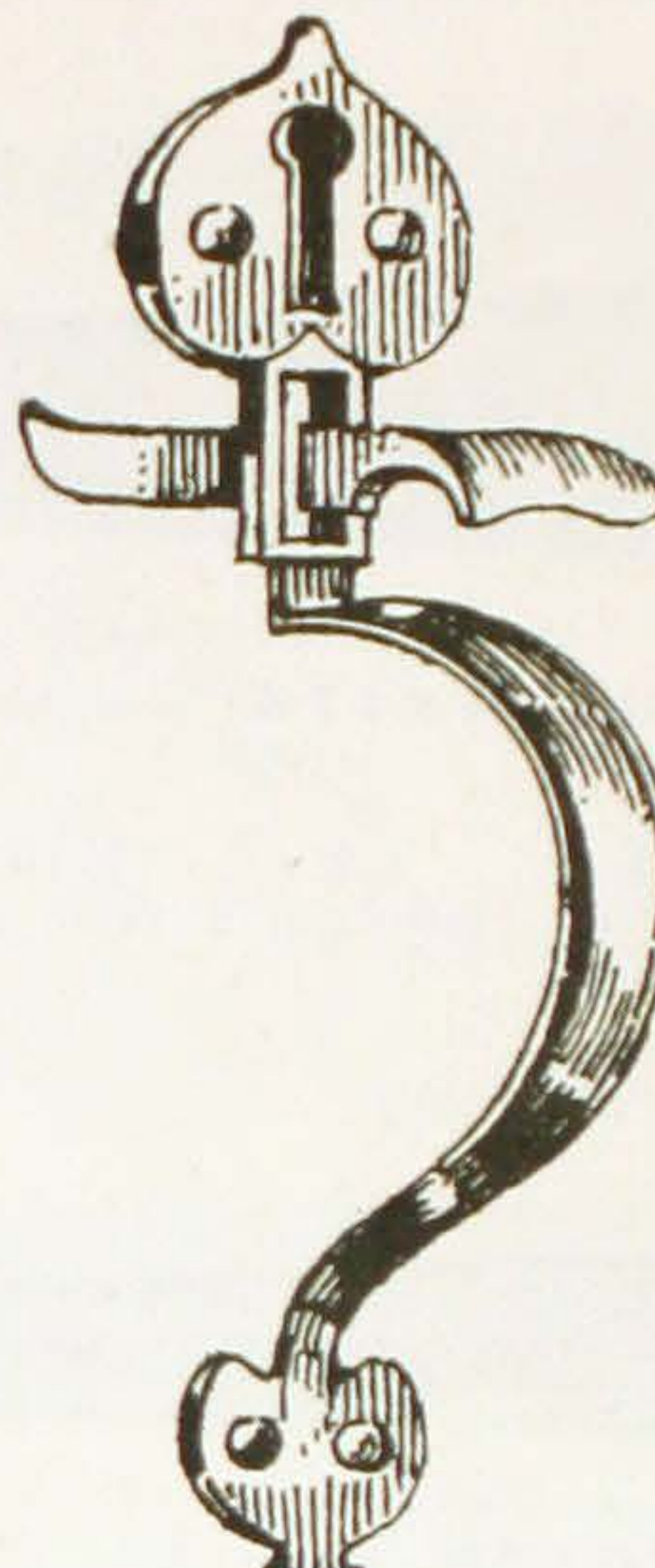
No. PHO 9045 12/3 each.



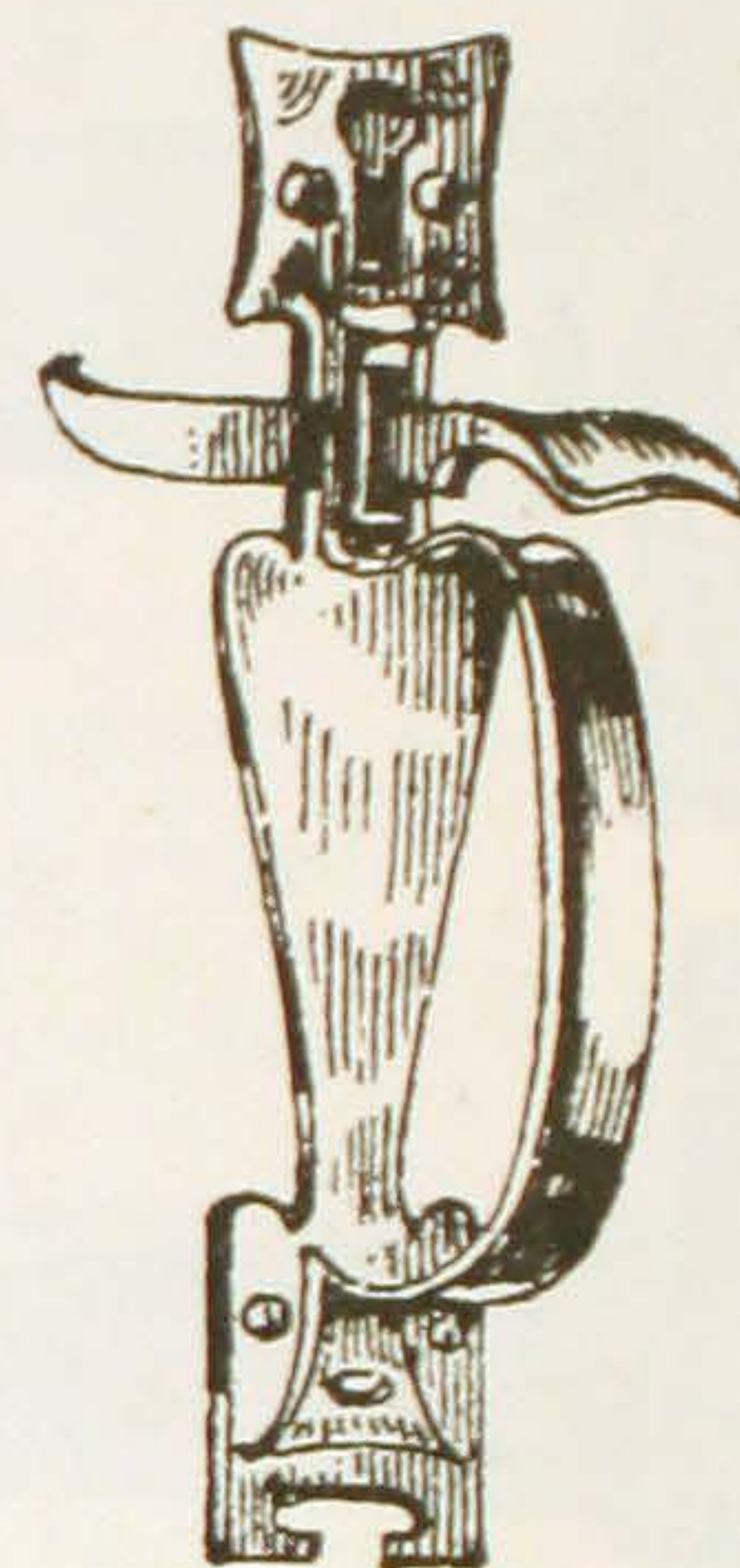
No. PHO 9047 13/3 each.



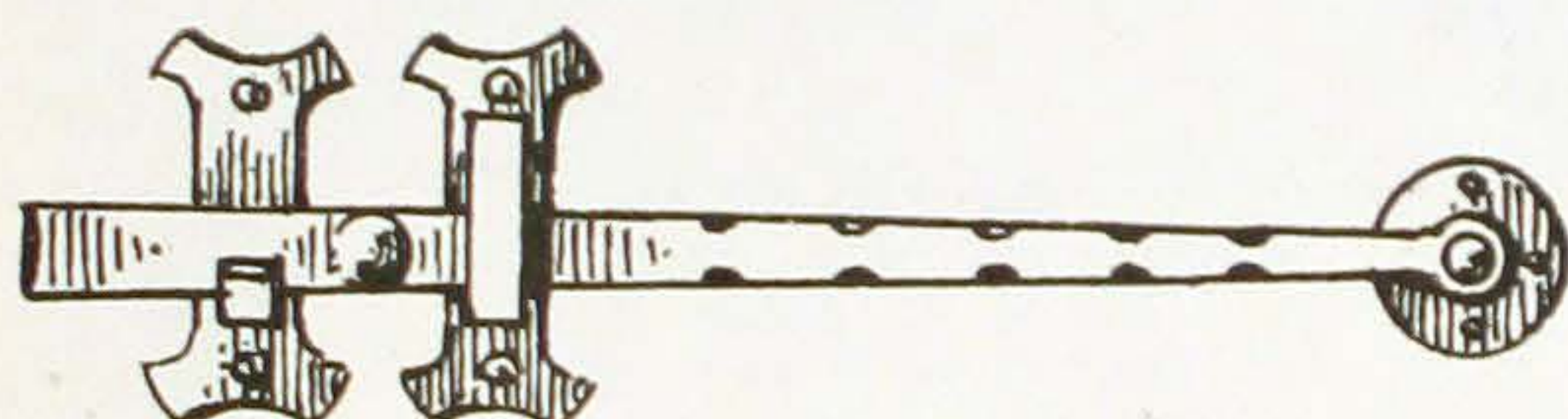
No. PHO 9049 15/- each.



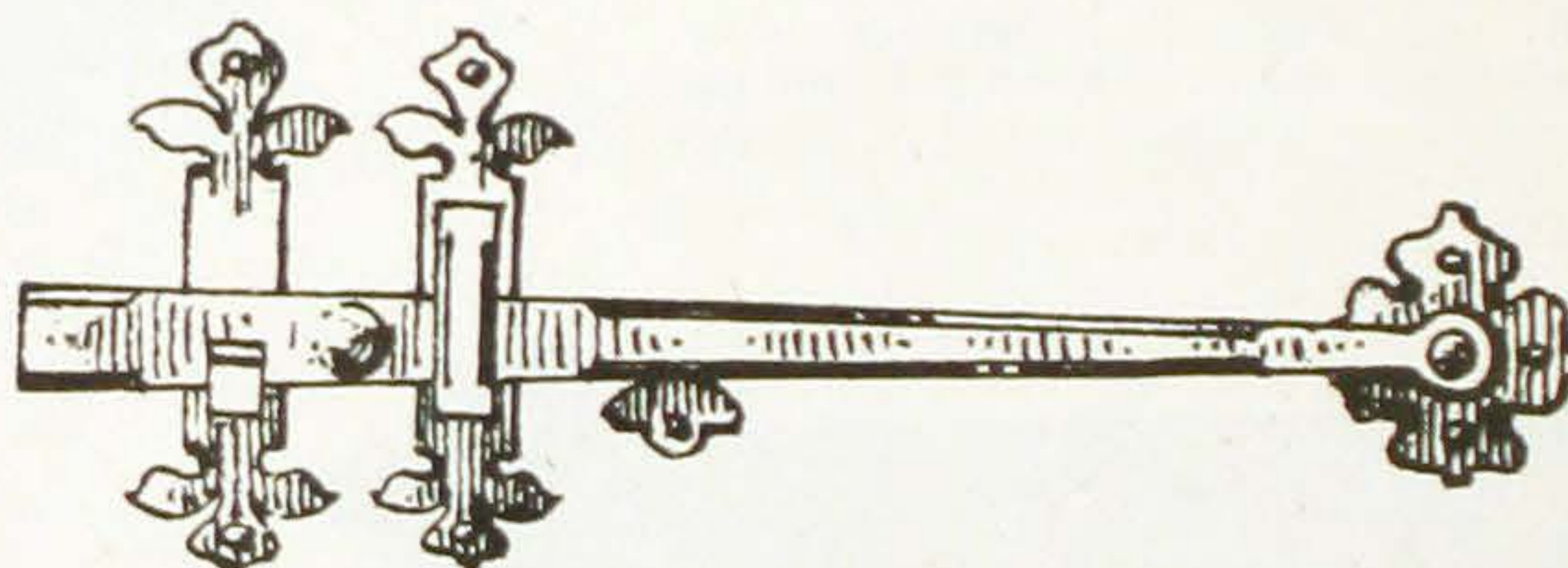
No. PHO 9051 13/3 each.



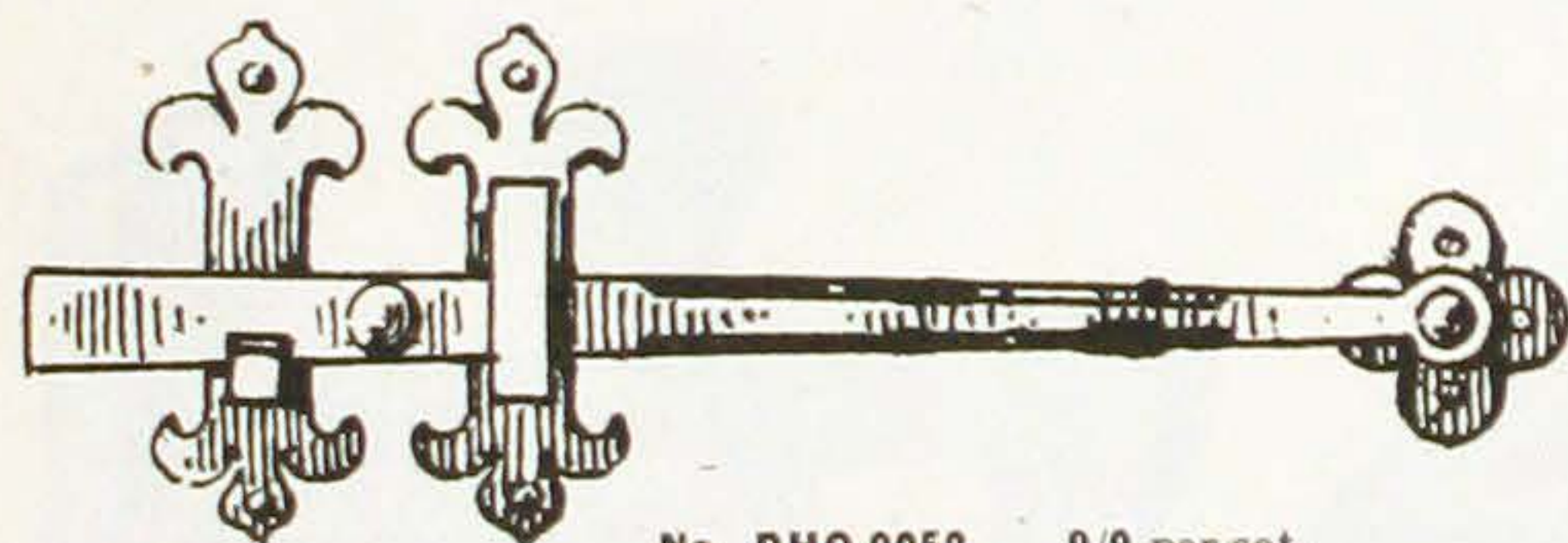
No. PHO 9057 20/3 each.



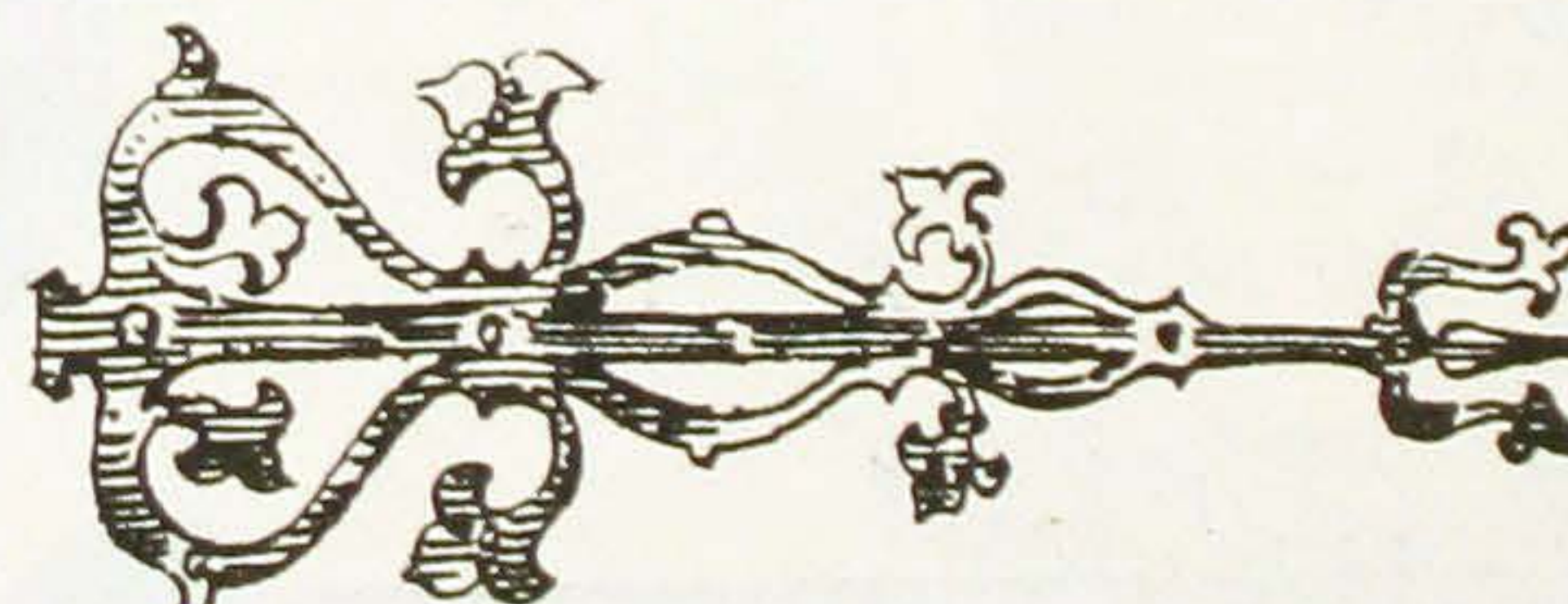
No. PHO 9053 8/9 per set.



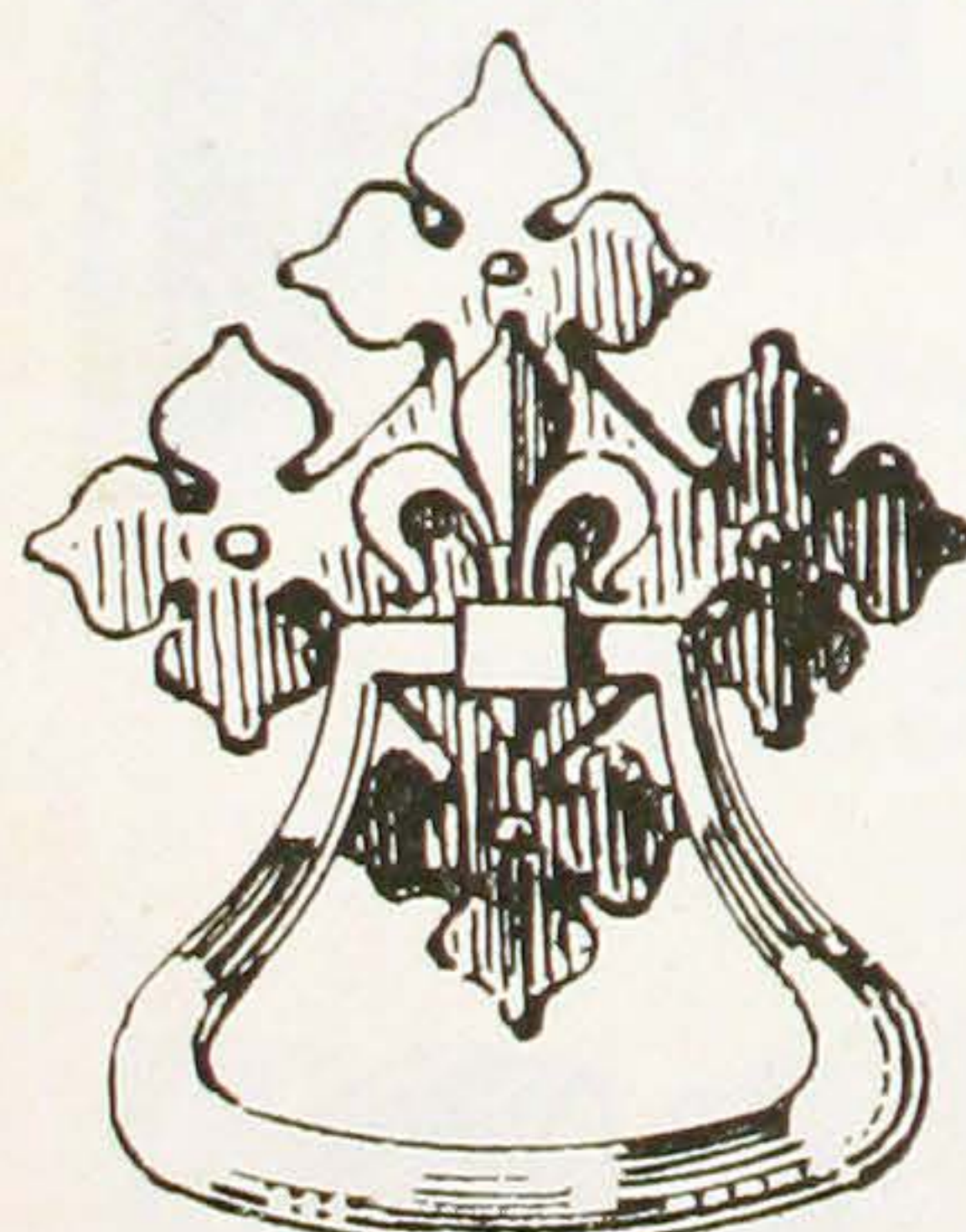
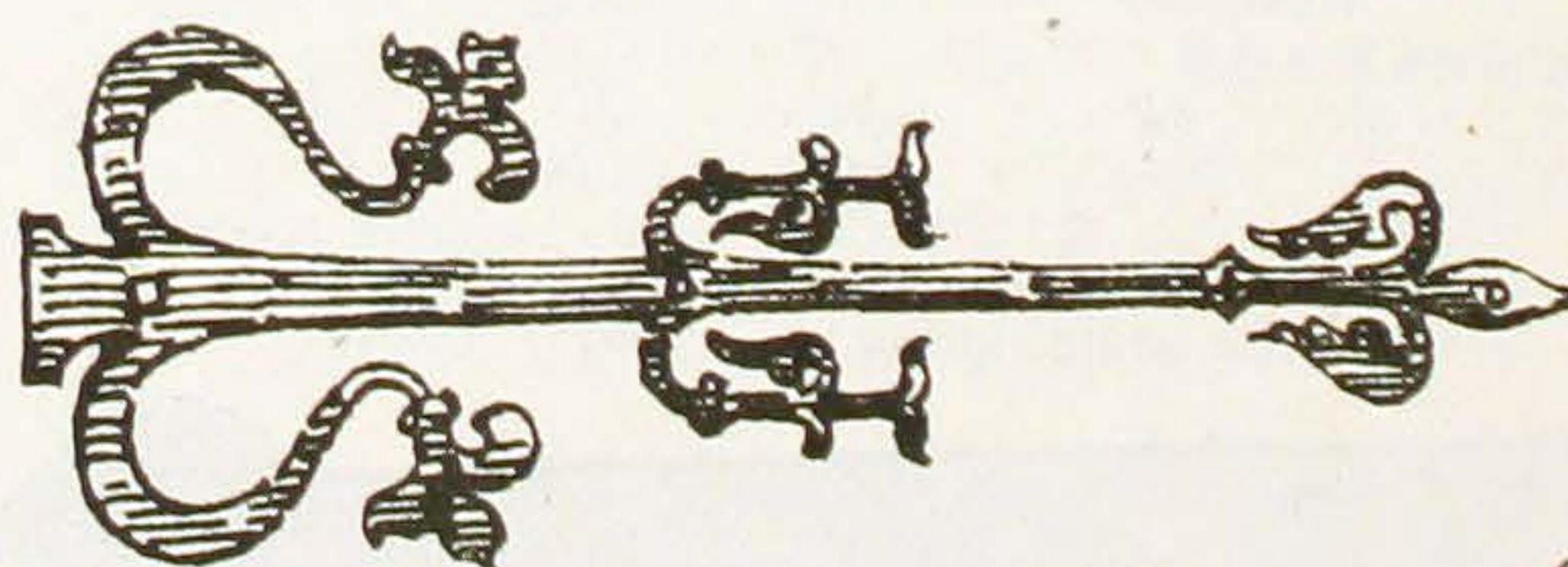
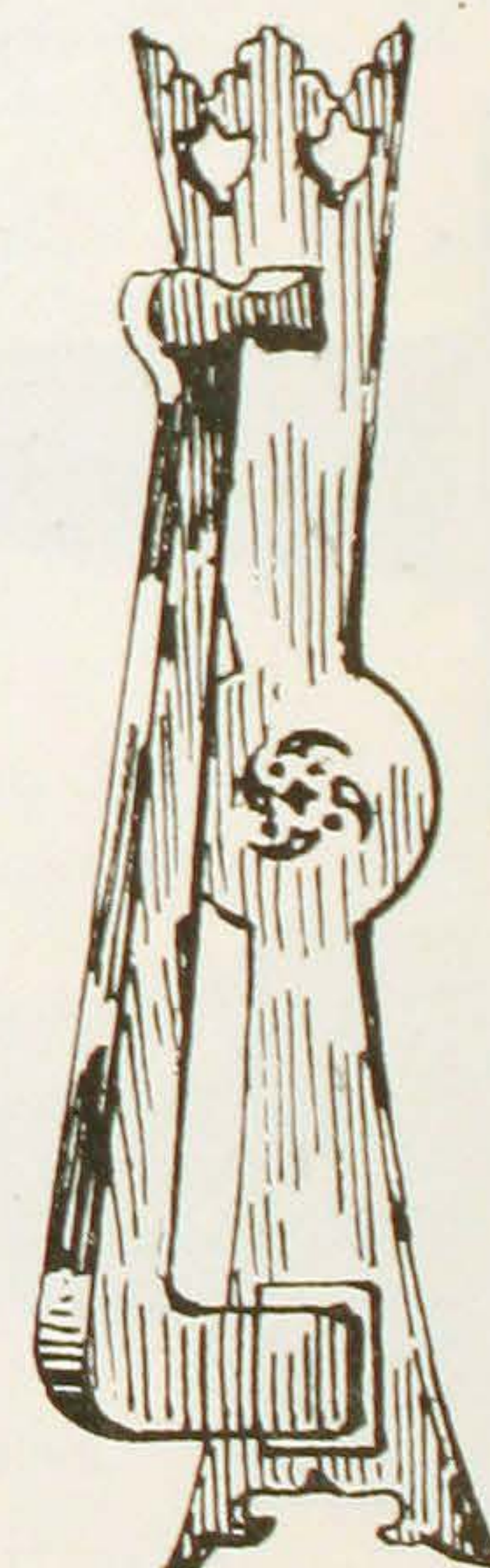
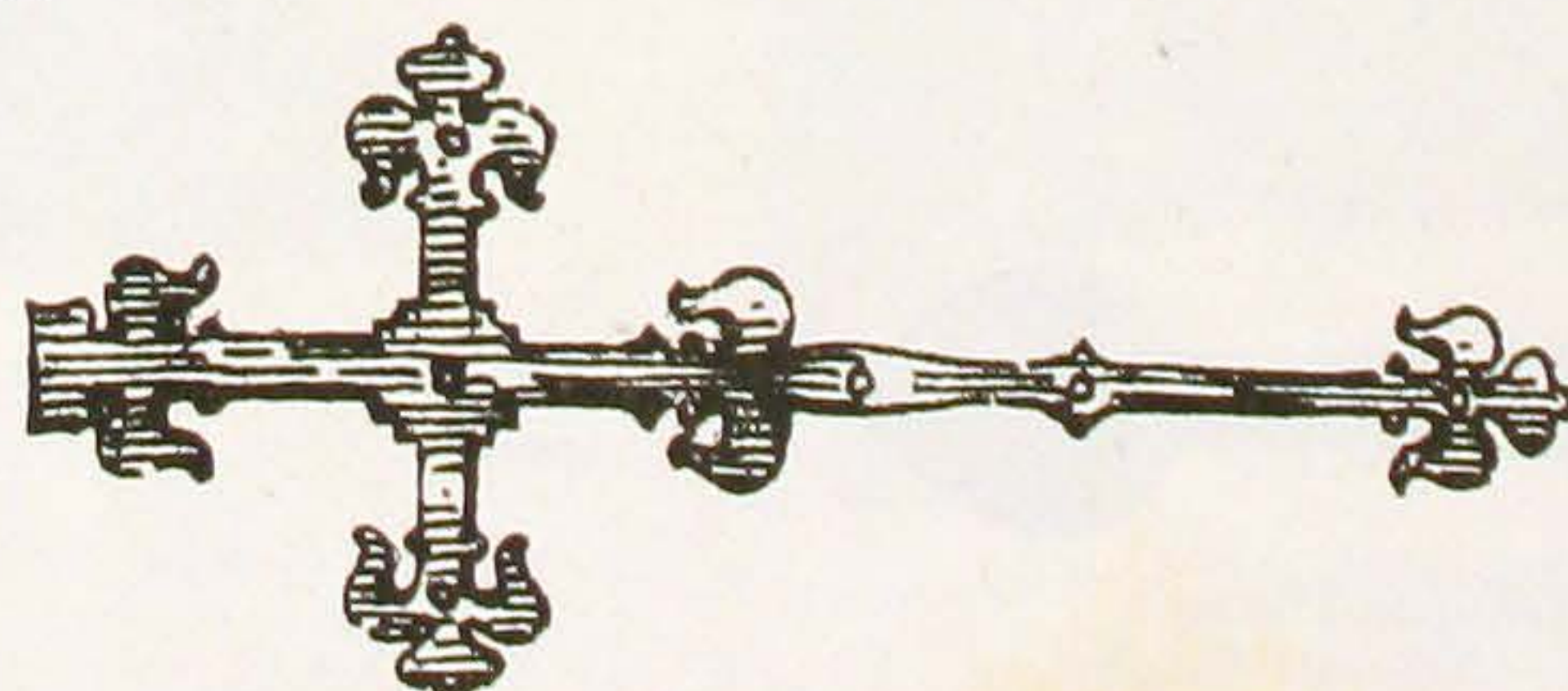
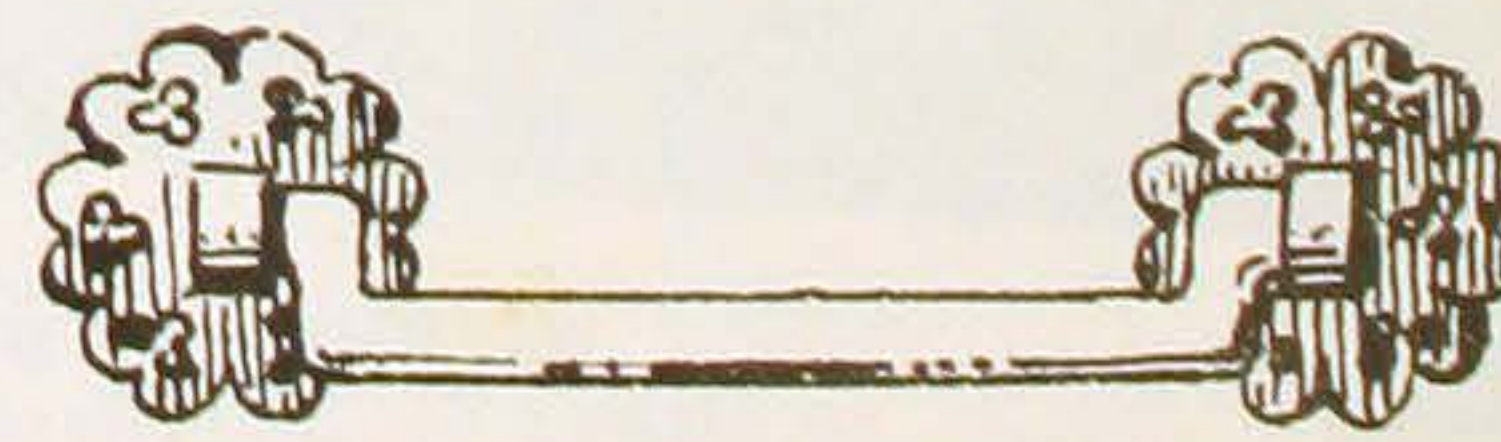
No. PHO 9059 11/6 per set.



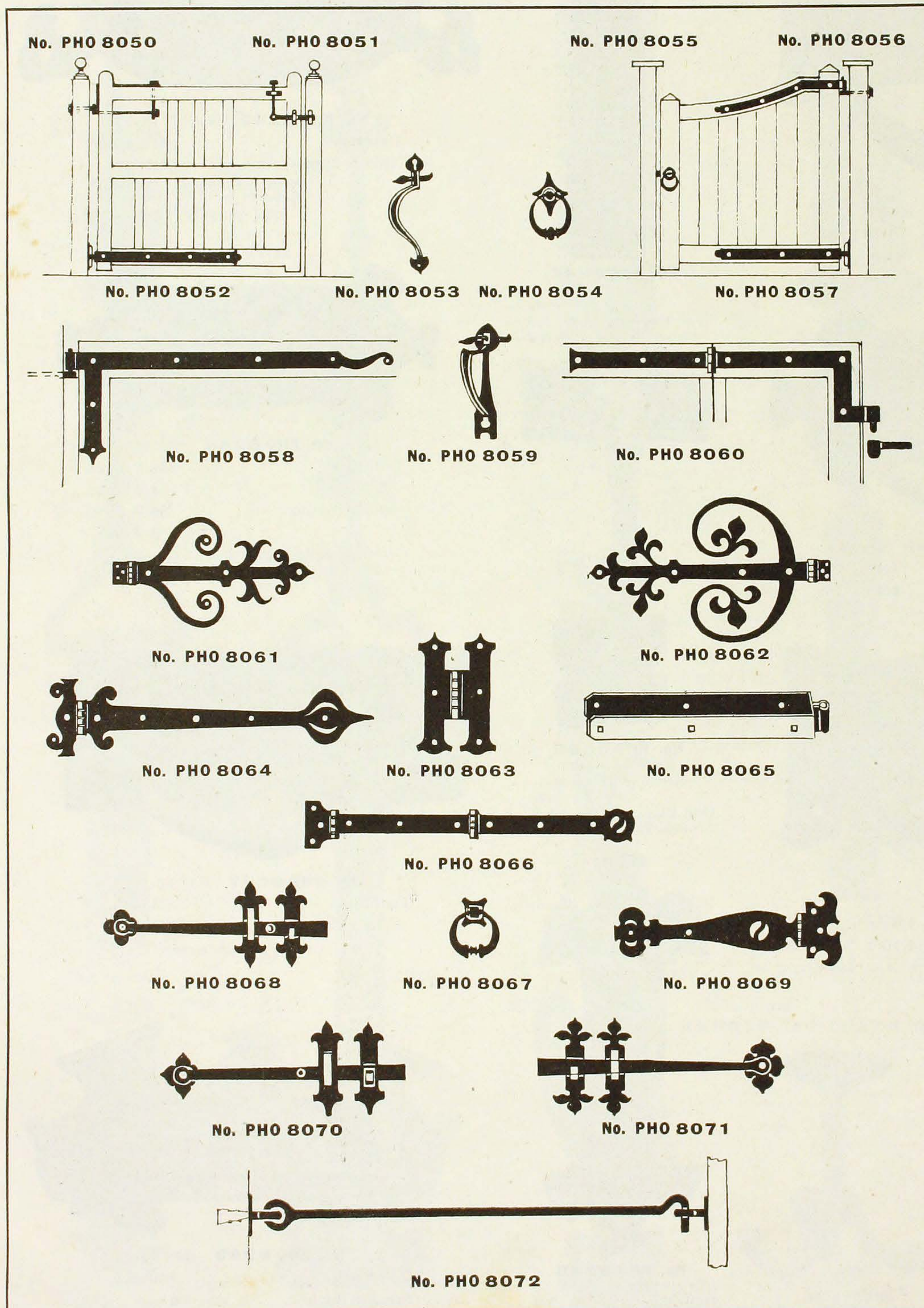
No. PHO 9052 9/9 per set.



No. PHO 9031 Hinge Front, 3' long. 105/- each.

No. PHO 9040 Handle.
Length from top of plate to bottom
of handle, 10" 61/3 each.No. PHO 9044 Handle.
Length overall from top of plate to
bottom of handle, 8" 87/6 each.No. PHO 9035 Hinge Front.
Total length 3' long. 70/- each.No. PHO 9036
Door Knocker, 15" long.
40/3 each.No. PHO 9037 Drawer Handle.
8/6 each.No. PHO 9043
4/5 each.No. PHO 9042
3/6 each.No. PHO 9033
Escutcheon. 3/6 each.No. PHO 9039 Hinge Front.
Total length, 3' long. 52/6 each.No. PHO 9041 Drawer Handle.
8/6 each.

Wrought Iron Hinges, Latches and Gate Furniture



Nos. PHO 8050 and 8052
Top and Bottom Hinges.
2' 0" x 1 1/2" x 1/4" 15/9 set of two.

No. PHO 8051
Gate Latch with Keep.
8" long. 4/6 per set.

No. PHO 8053
Gate Latch.
Size 12" overall. 4/6 per set.

No. PHO 8054
Ring Handle.
3" diameter. 9/9 each.

No. PHO 8055
Ring Handle, 3", Latch and
Keep 14/8 per set complete.

Nos. PHO 8056 and 8057
Top and Bottom Hinges.
2' 0" x 1 1/2" x 1/4" 15/- set of two.

No. PHO 8058 Hinges.
2' 6" long, 12" x 3/4" x 2" metal.
Complete with hooks,
45/- per pair.
If double straps 90/- " "

No. PHO 8059 Latch.
12" long over Back Plate.
9/- each.

No. PHO 8060 Hinges.
Double Jointed with Socket
Hangings, 2' 6" long x 12" x
3" x 3/4" metal.
£7 10 0 per pair.

No. PHO 8061
Ornamental Hinge Fronts.
1' 6" long. 52/6 per pair.

No. PHO 8062
Ornamental Hinge Fronts.
2' 0" long. 90/- per pair.

No. PHO 8063 Flap Hinges
9" long, 2" x 5/16" metal.
42/- per pair.

No. PHO 8064
Knuckle Joint Hinges.
Hammered, 2' 6" long,
97/6 per pair.

No. PHO 8065
Double Strap Hinges.
2' 0" long, 2" x 1/4" metal.
12/9 per pair.

No. PHO 8066
Double Joint Hinges.
3' 6" long £5 1 3 pair.

No. PHO 8068
Latch and Keep.
9" long. 9/9 per set.

No. PHO 8067
Drop Ring Handle.
3" diameter. 11/3 each.

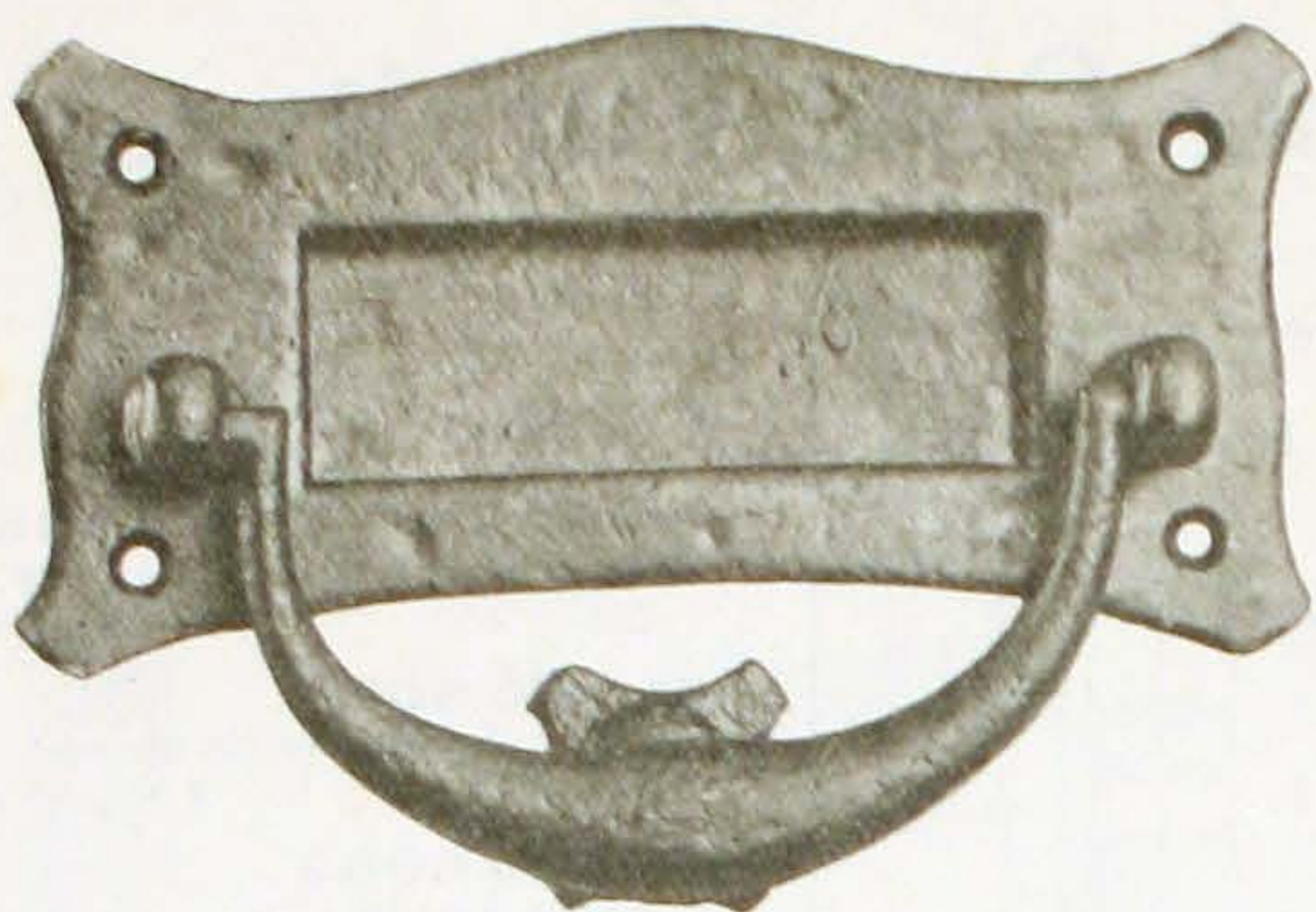
No. PHO 8069 Hinge.
2' 0" long. 90/- per pair.

No. PHO 8071
Latch and Keep.
9" long. 9/9 per set.

No. PHO 8070
Latch and Keep.
9" long. 9/9 per set.

No. PHO 8072 Gate Bar.
7/8" diameter, with Plate, 6' 6"
long. 12/9 each.

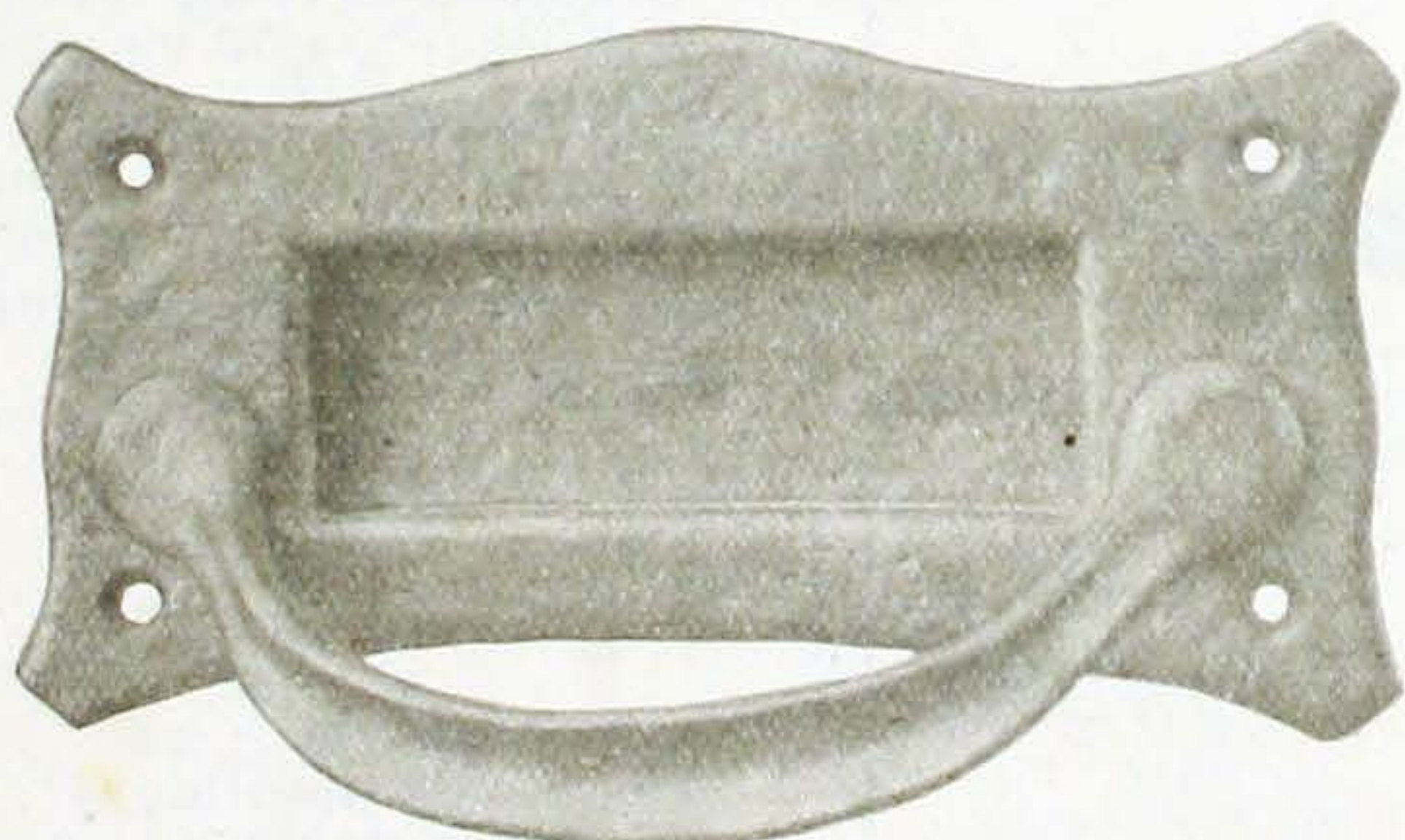
Antique Postal Handles, Knockers and Letter Plates



No. PHQ 8240 Size 8"
Dull Black ... 4/10 each.
Armour Bright ... 5/3 „
Without Screws.



No. PHQ 8243 Size 8 1/4"
Dull Black ... 4/4 each.
Armour Bright ... 4/10 „
Complete with screws.



No. PHQ 8245 Size 8"
Dull Black ... 4/6 each.
Armour Bright ... 4/10 „
Without screws.



No. PHQ 8246 Plate 4 1/8" x 1 1/2"
Dull Black ... 28/- dozen.
" " ... 2/6 each.
Armour Bright ... 35/- dozen.
" " ... 3/2 each.



No. PHQ 8241
Size 10" x 2"
each.
Dull Black ... 5/3
Armour Bright ... 6/2



No. PHQ 6599
Plate 2 1/8" wide.
Knocker 5 3/4" long.
each.
Dull Black ... 5/3
Armour Bright ... 6/2



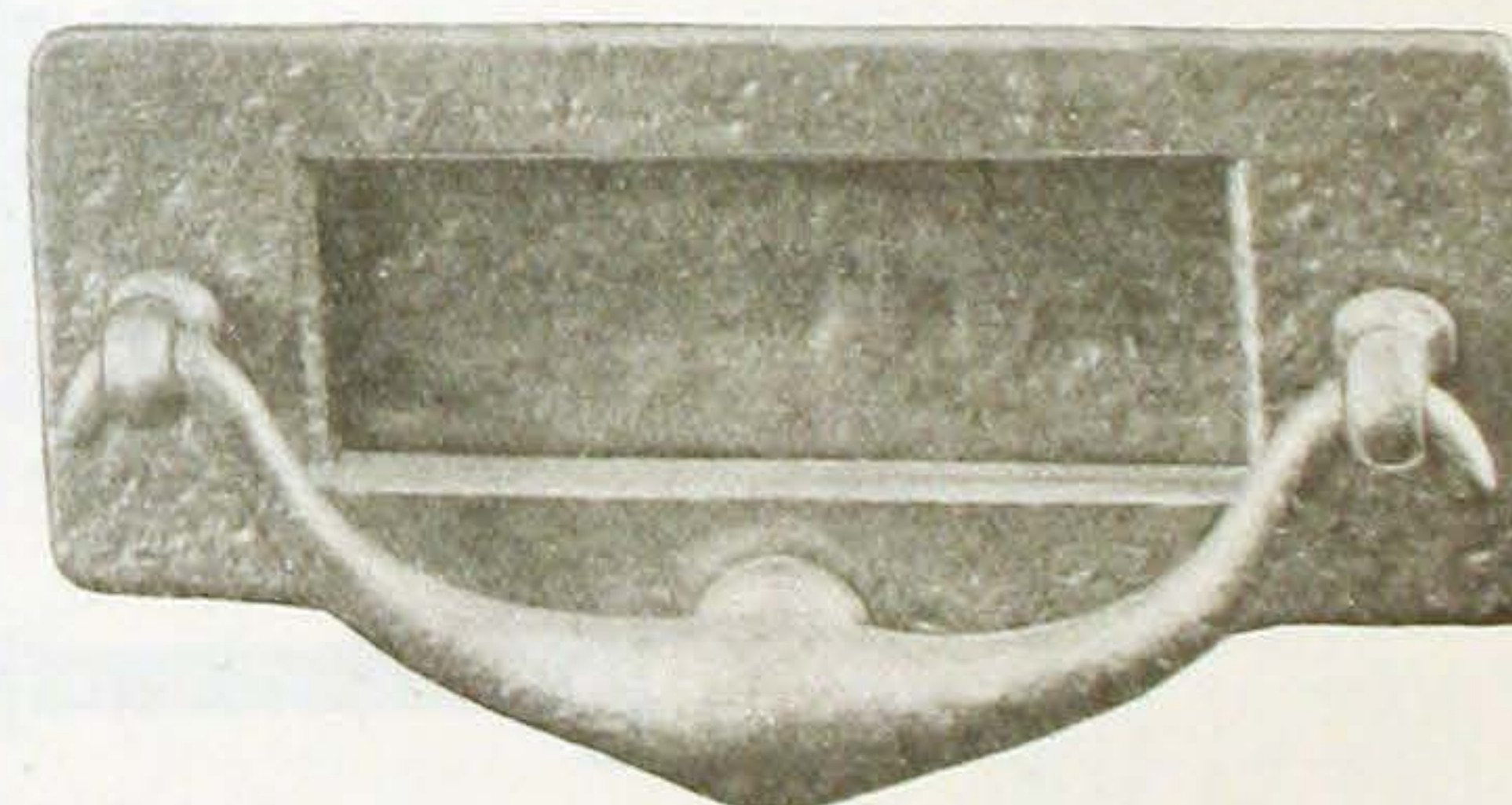
No. PHQ 8248
Size 8 1/2"
Dull Black ... 5/3
Armour Bright ... 6/2
Complete with screws and nuts.



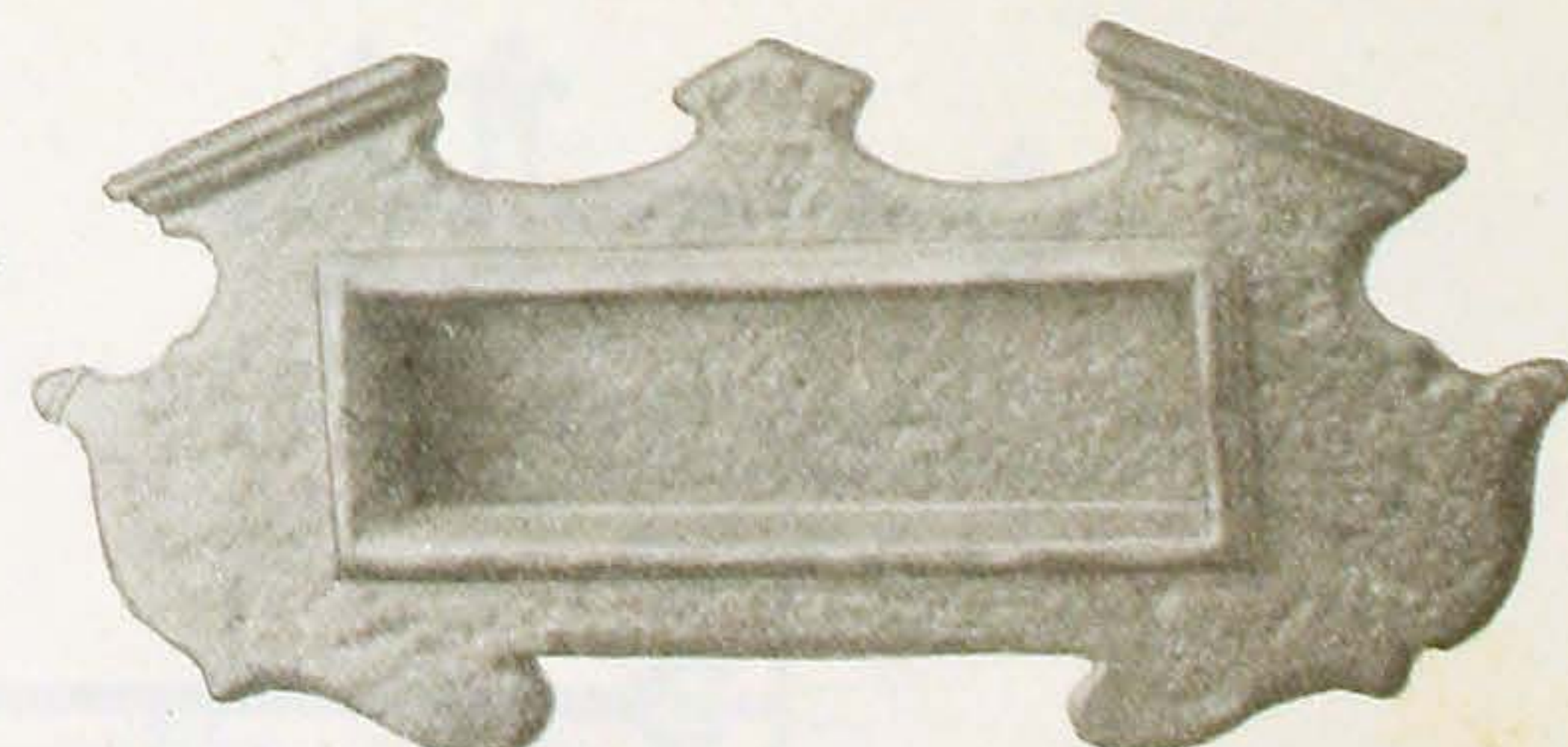
No. PHQ 8242 Size 9 1/2" overall.
Dull Black ... 4/- each.
Armour Bright ... 4/6 „
Without screws.



No. PHQ 8244 Size 8 1/4"
Dull Black ... 31/6 dozen.
" " ... 2/9 each.
Armour Bright ... 36/9 dozen.
" " ... 3/3 each.
Complete with bolts and nuts.



No. PHQ 8247 Size 7 1/4"
Dull Black ... 5/3 each.
Armour Bright ... 5/9 „
Complete with screws.



No. PHQ 8249 Size 9 1/2"
Dull Black ... 5/3 each.
Armour Bright ... 6/- „
Complete with bolts and nuts.

Antique Bell Pulls, Bolts

and Hat and Coat Hooks

PENDANT
BELL
PULLS.

Note :

If fitted to work
Electric Bell ;
Crank

No. PHS 1772
on page 59 at
13/3 each
and

Pull Converter
No. PHS 1773
on page 59 at
5/6 each
are required
extra to prices
stated.



No. PHQ 8216

Length 15 1/2" Handle 4"
Plates 2 1/4"

Dull Black .. 6/3 each
Armour Bright .. 7/- "



No. PHQ 6520

Length 18" Handle 4 1/2"
Plates 2 1/4"

Dull Black .. 6/3 each.
Armour Bright .. 7/- "



No. PHQ 8220

Size 4" 6"
Dull Black .. 1/9 2/3 each.
Armour Bright .. 2/2 2/8 "



No. PHQ 8225

Size 4"

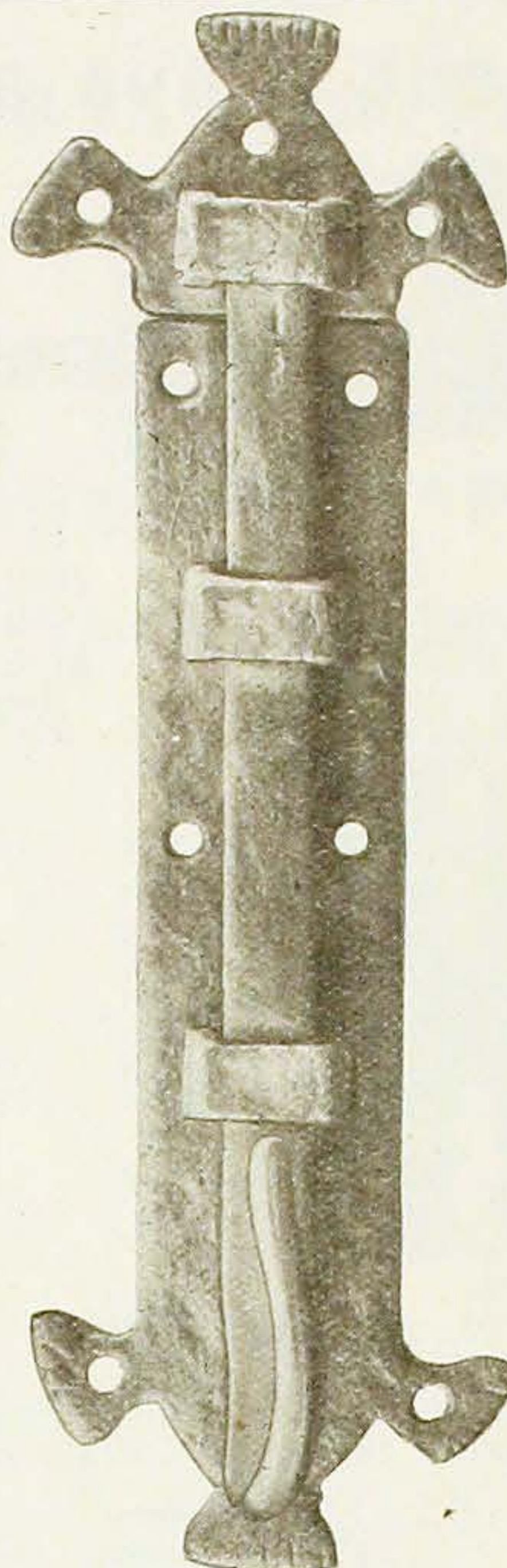
Dull Black .. 14/- dozen.
" " .. 1/3 each.
Armour Bright .. 17/6 dozen.
" " .. 1/8 each.



No. PHQ 8226

Plate 2"

Dull Black .. 8/- dozen.
" " .. 9d. each.
Armour Bright .. 8/9 dozen.
" " .. 10d. each.



No. PHQ 8217

Size 6" 9"
Dull Black .. 42/- 63/- doz.
" " .. 3/8 5/6 each.
Armour Bright .. 52/6 73/6 dozen
" " .. 4/6 6/3 each.



No. PHQ 8222

Size 6"
Dull Black .. 24/6 dozen.
" " .. 2/2 each.
Armour Bright .. 29/9 dozen.
" " .. 2/8 each.



No. PHQ 8218

Size 5" 8"
Dull Black .. 24/6 28/- doz.
" " .. 2/2 2/6 each.
Armour Bright .. 31/6 42/- doz.
" " .. 2/9 3/8 each.



No. PHQ 8223

Size 8" 10" 12"
Dull Black .. 36/9 42/- 43/9 doz.
" " .. 3/3 3/8 3/10 each
A. Bright .. 40/3 45/6 47/3 doz.
" " .. 3/6 4/- 4/2 each.



No. PHQ 8219

Size 6 1/2"

Dull Black .. 26/3 dozen.
" " .. 2/4 each.
Armour Bright .. 31/6 dozen.
" " .. 2/9 each.



No. PHQ 8224

Size 6 1/2"

Dull Black .. 21/- dozen.
" " .. 1/10 each.
Armour Bright .. 26/3 dozen.
" " .. 2/4 each.

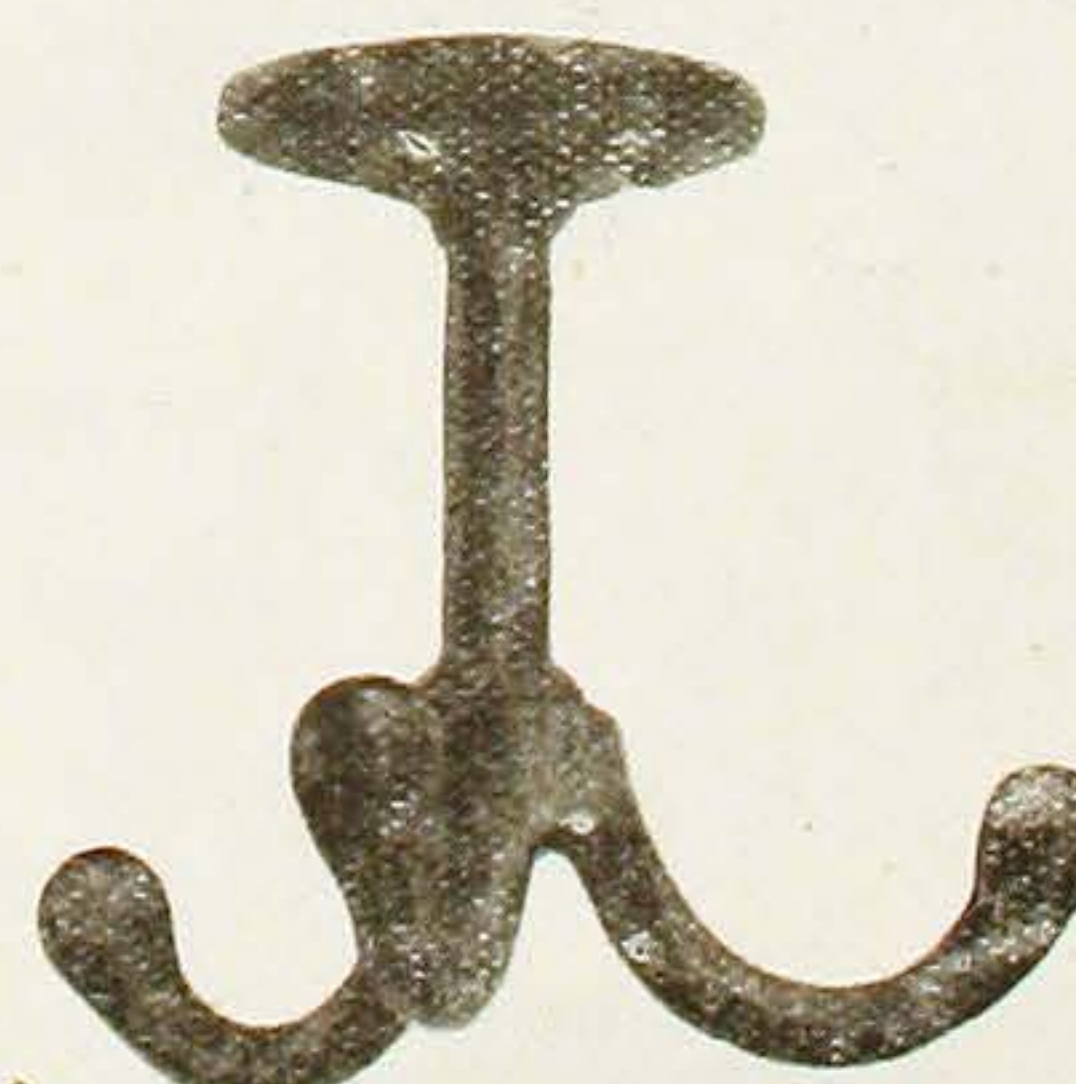
For other
Lever-Action
Flush Bolts
see pages
87 and 91.

ANTIQUE HAT, COAT & WARDROBE HOOKS.



No. PHQ 8227

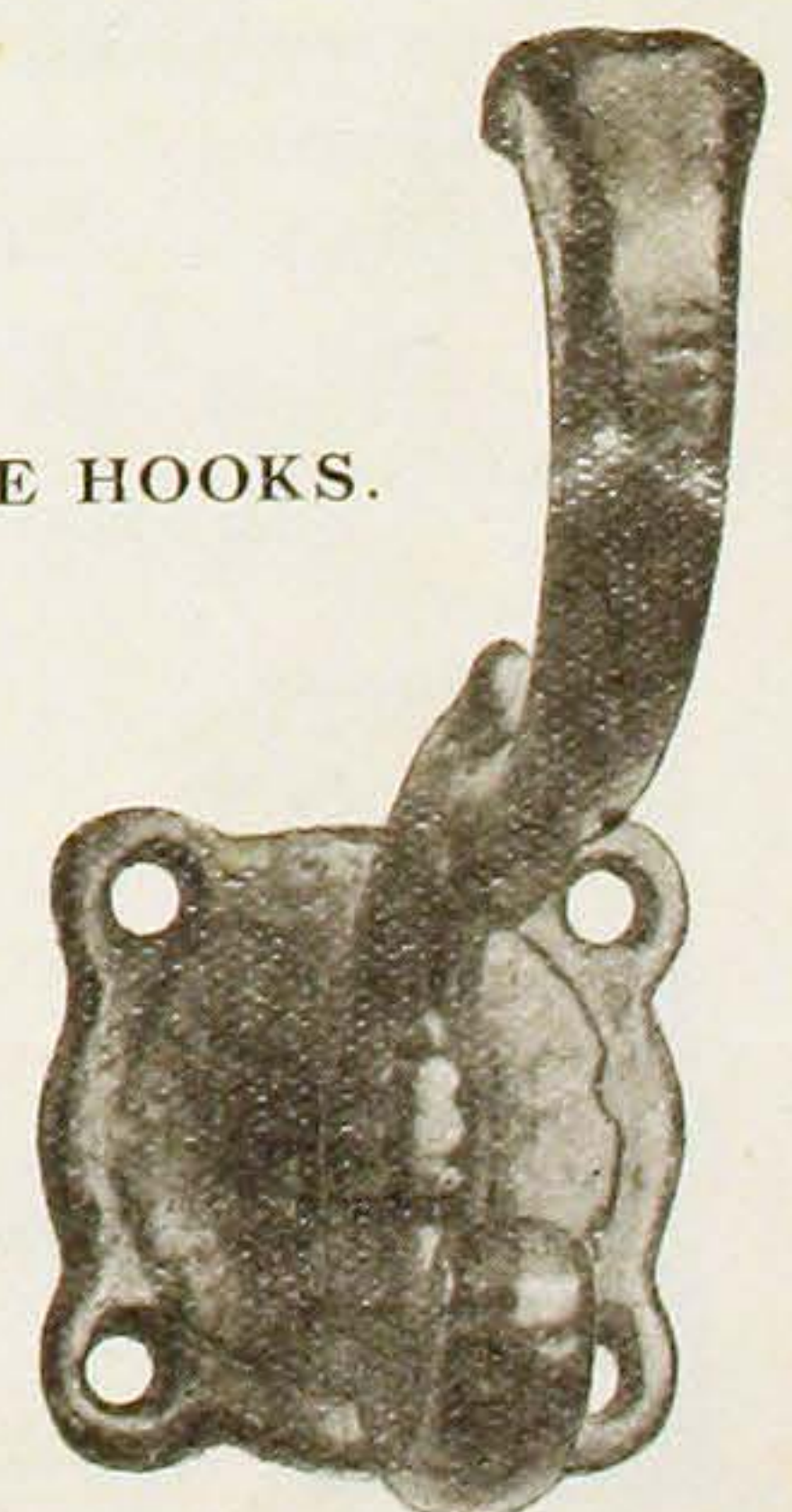
Dull Black .. 14/- dozen.
" " .. 1/3 each.
Armour Bright .. 17/6 dozen.



No. PHQ 8228

Revolving.

Dull Black .. 8/9 dozen.
" " .. 10d. each.
Armour Bright .. 15/9 dozen.
" " .. 1/5 each.

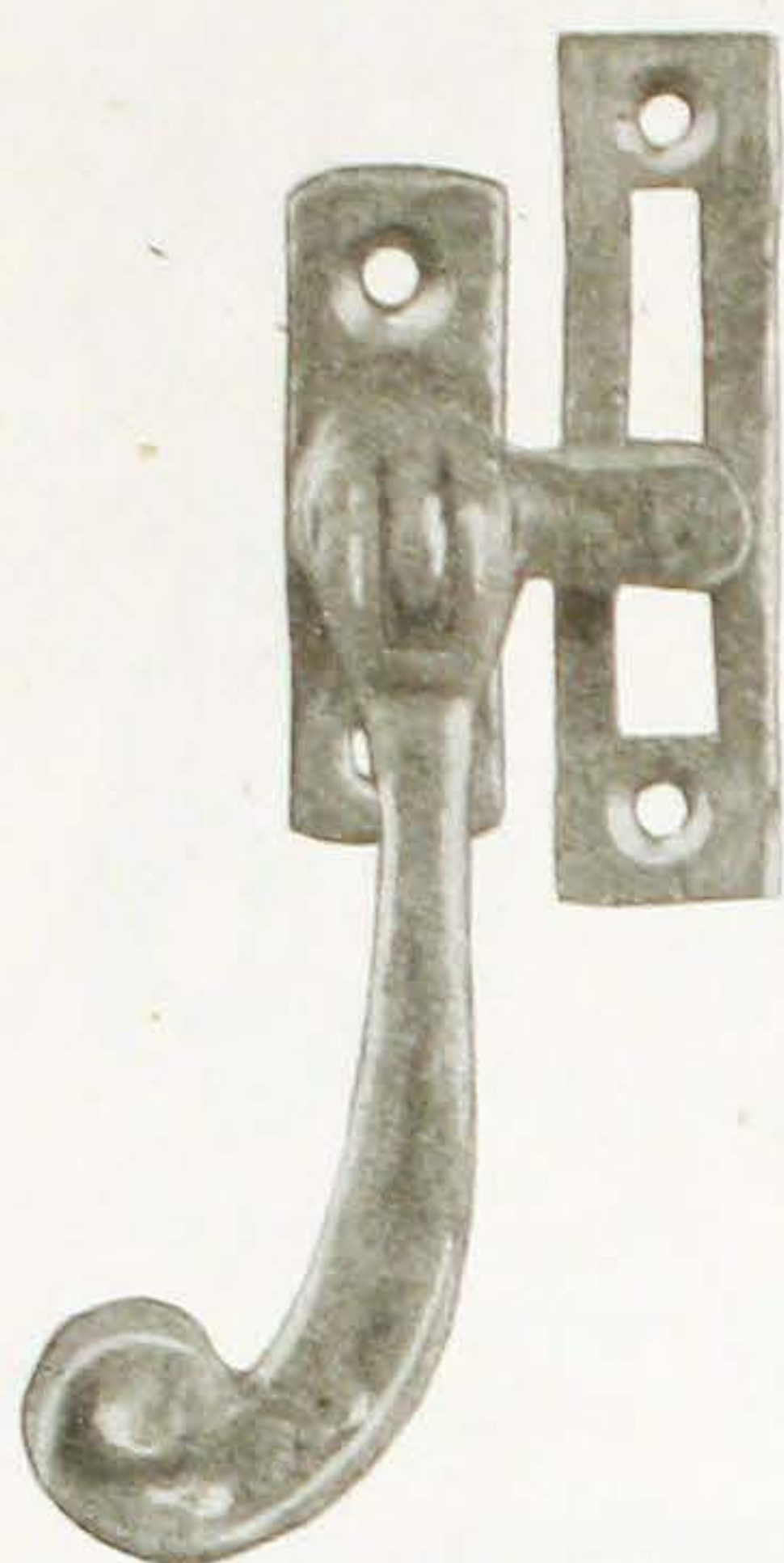


No. PHQ 8229

Plate 2"

Dull Black .. 12/3 dozen.
" " .. 1/2 each.
Armour Bright .. 14/- dozen.
" " .. 1/3 each.

Antique Casement Stays and Fasteners



No. PHQ 6895

Reversible.

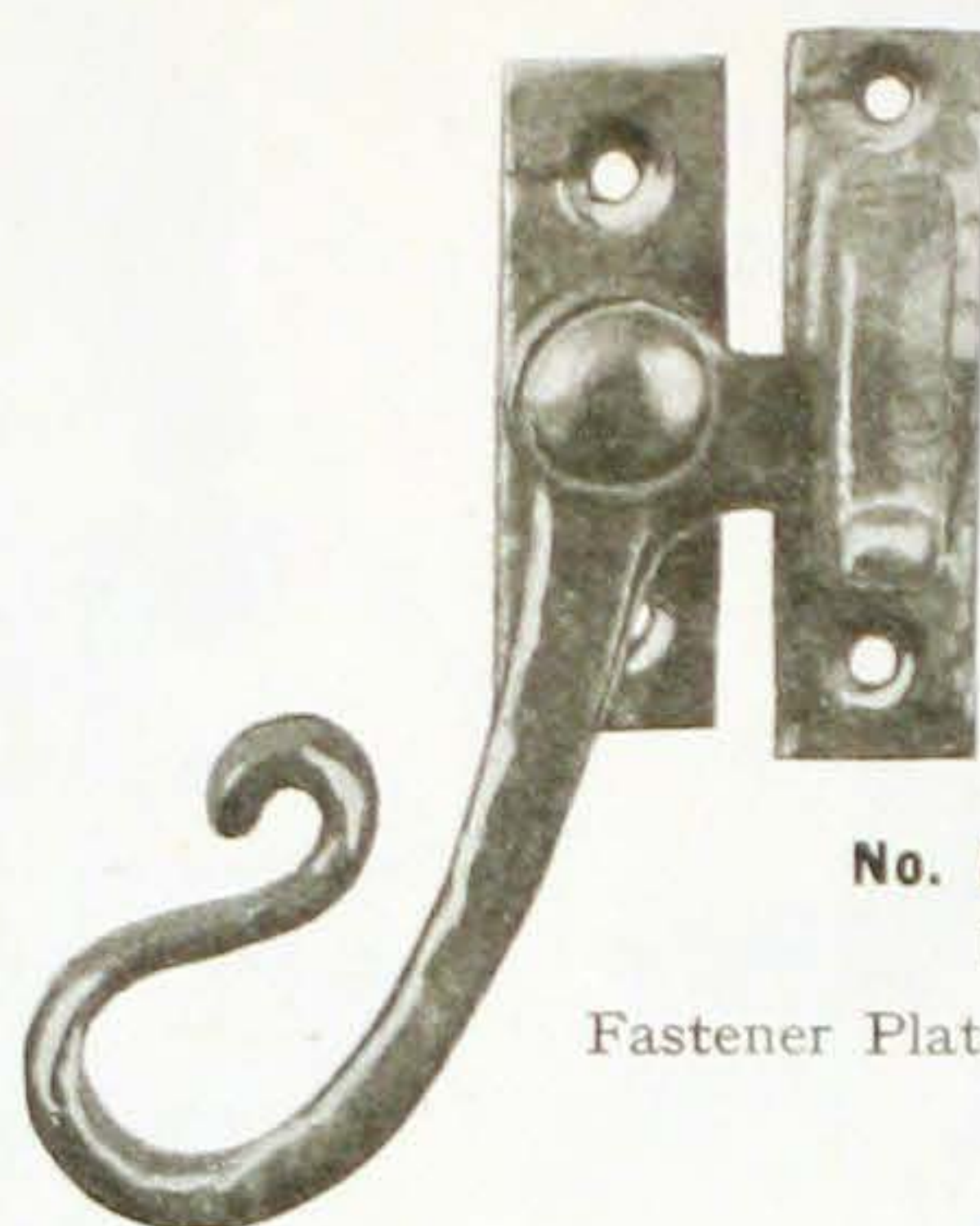
Fastener Plate, 2 $\frac{3}{8}$ " Slot Plate, 3 $\frac{1}{8}$ "

	With Mortice Plate.	With Catch Plate.
Dull Black	18/6	20/3 dozen.
" "	1/8	1/10 each.
Armour Bright	22/-	23/8 dozen.
" "	2/-	2/2 each.



No. PHQ 6896 Screw-down pattern.

	11"	13"
Dull Black	28/-	29/9 dozen.
" "	2/6	2/8 each.
Armour Bright	31/6	33/3 dozen.
" "	2/9	3/- each.

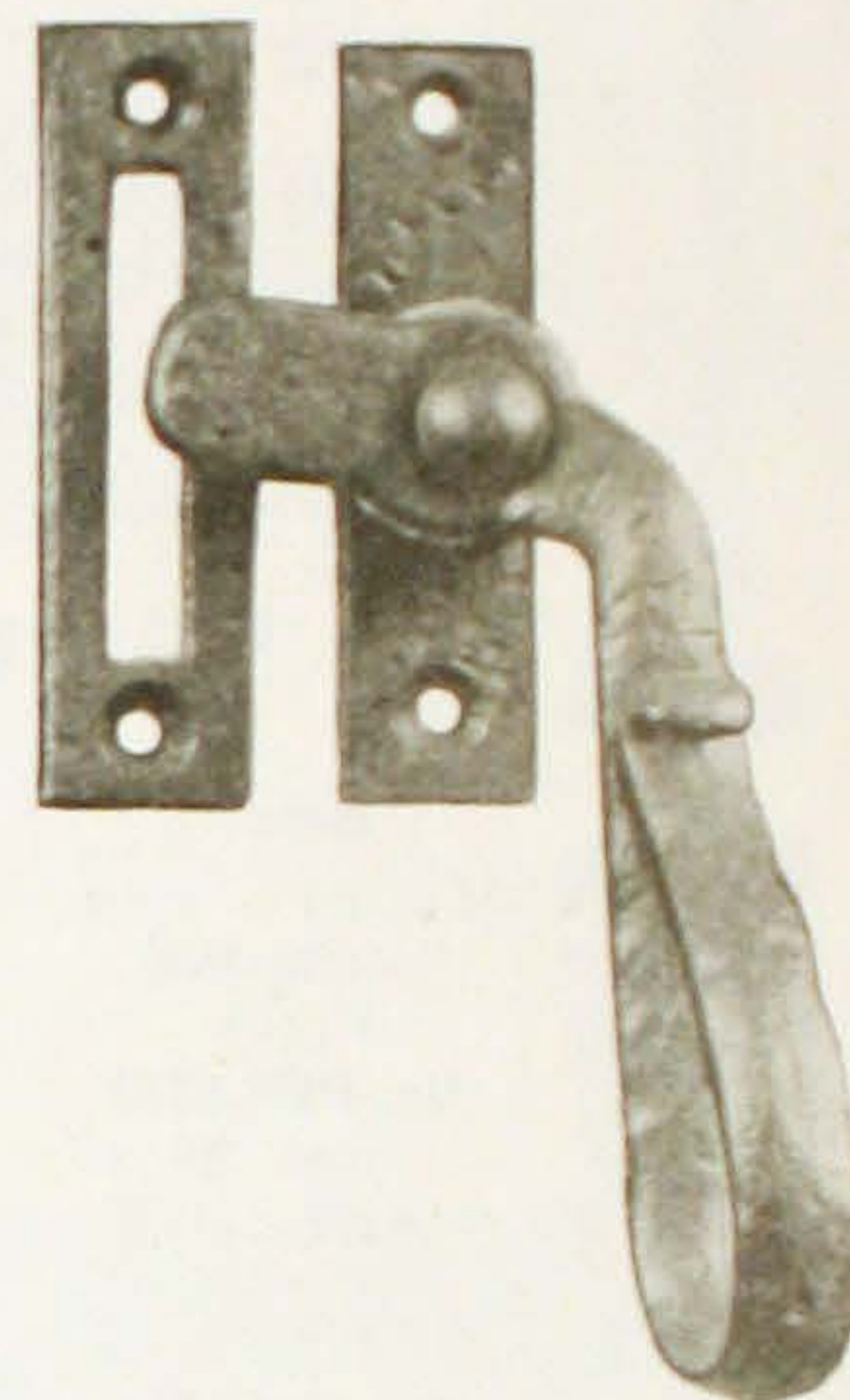


No. PH7 6897

Reversible.

Fastener Plate, 2 $\frac{1}{4}$ " Hook Plate, 2 $\frac{1}{2}$ "

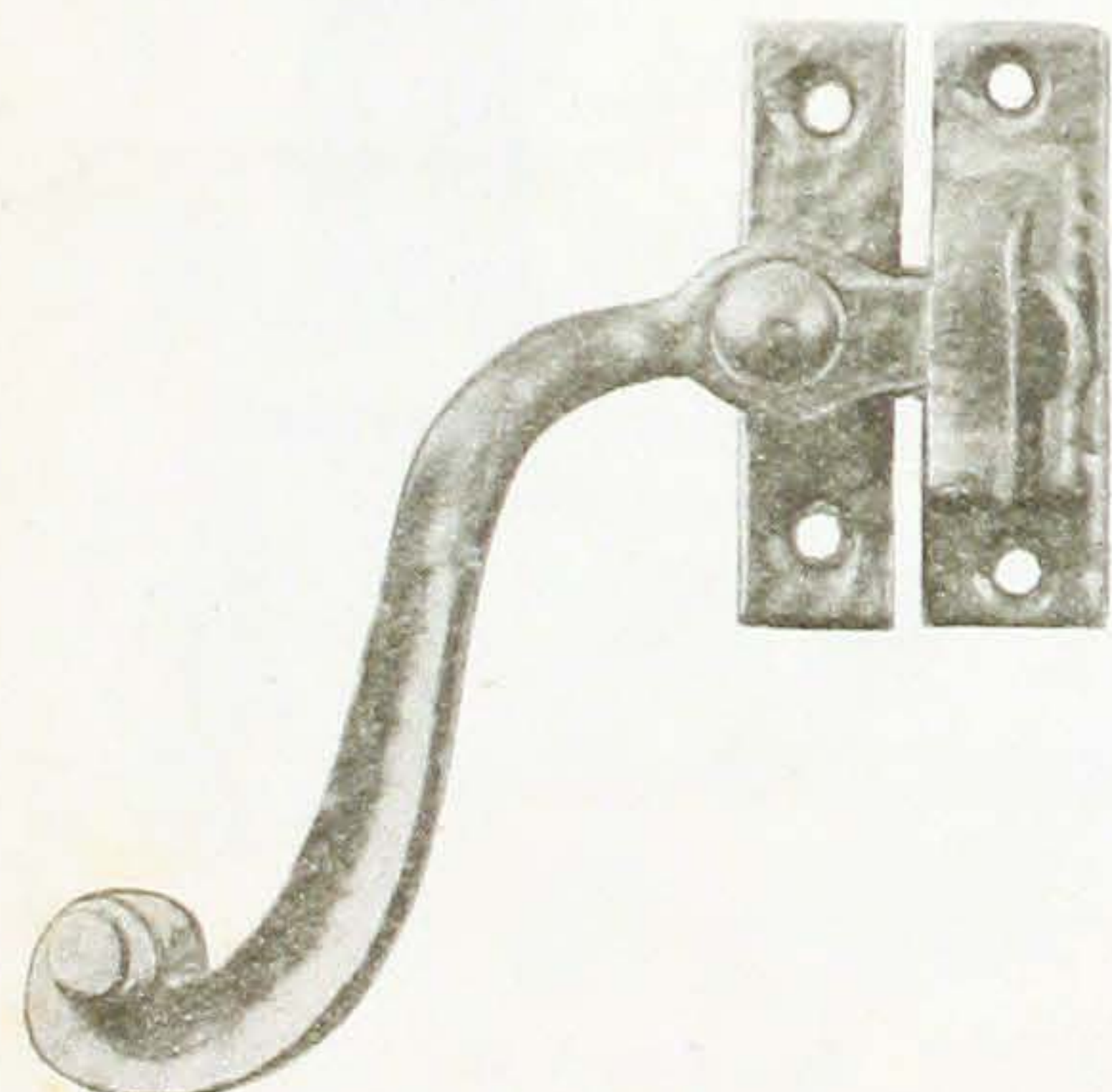
	With Mortice Plate.	With Hook Plate.
Dull Black	15/-	16/9 dozen.
" "	1/4	1/6 each.
Armour Bright	18/6	20/3 dozen.
" "	1/8	1/10 each.



No. PHQ 6898

Plates 3"

	With Mortice Plate.	With Catch Plate.
Dull Black	17/6	19/3 dozen.
" "	1/7	1/9 each.
Armour Bright	21/-	22/9 dozen.
" "	1/10	2/- each.



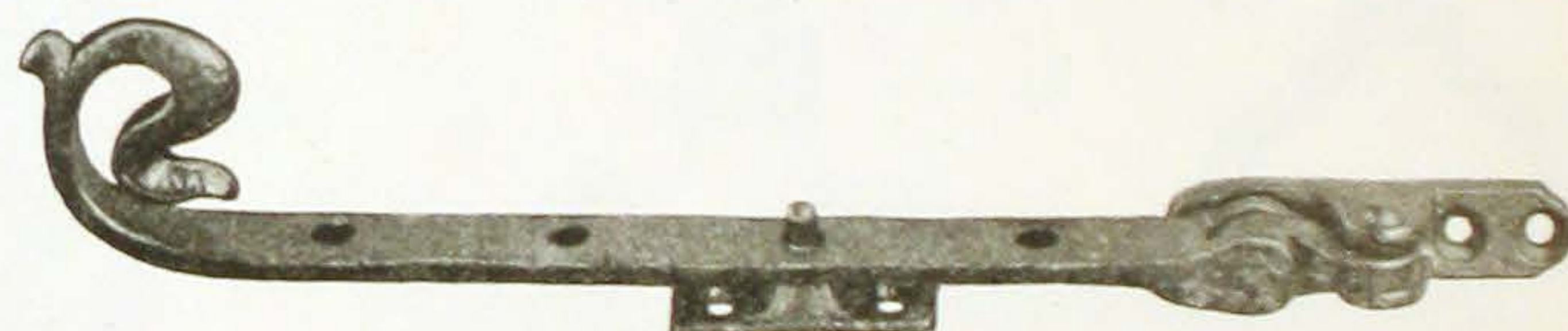
No. PHQ 6899

Reversible. Plates 2 $\frac{1}{2}$ "

With Catch Plate.

Dull Black	19/3 dozen.
" "	1/9 each.
Armour Bright	21/- dozen.
" "	1/11 each.

" B " Basis.

PHQ—
Quick delivery.

No. PHQ 8200 Size 12"

Dull Black	22/- dozen.
" "	2/- each.
Armour Bright	25/6 dozen.
" "	2/3 each.



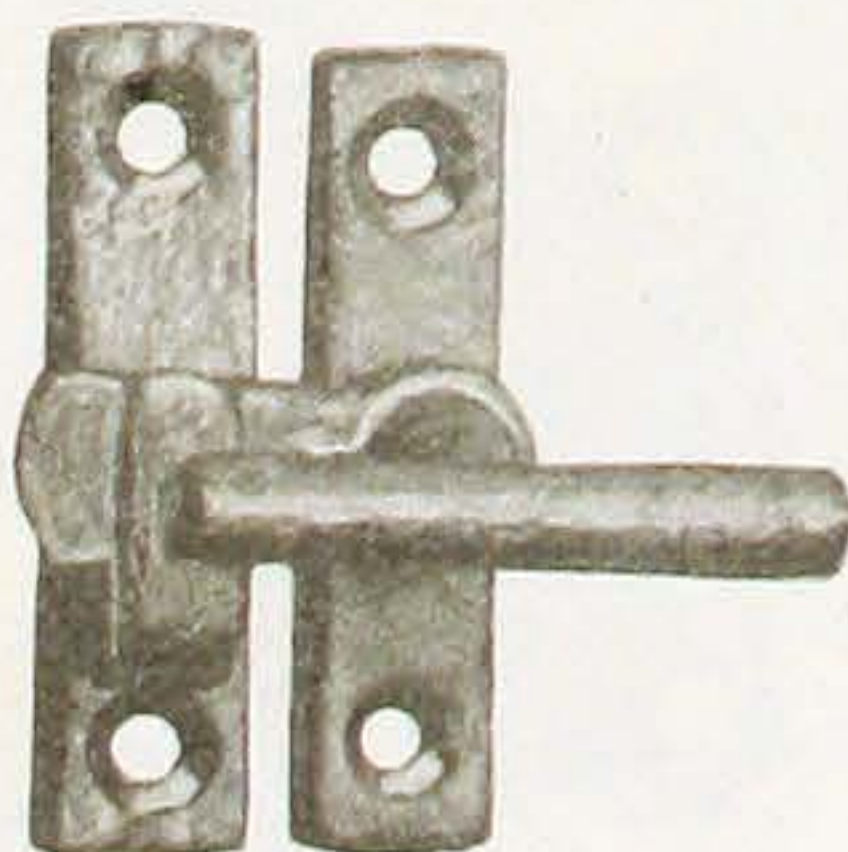
No. PHQ 8201

	11"	13"
Dull Black	17/6	19/3 dozen.
" "	1/8	1/9 each.
Armour Bright	21/-	22/9 dozen.
" "	1/10	2/- each.



No. PHQ 8203 Size 12"

Dull Black	22/- dozen.
" "	2/- each.
Armour Bright	25/6 dozen.
" "	2/3 each.



No. PHQ 8202

Plates, 2 $\frac{1}{2}$ "

Dull Black	12/3 dozen.
" "	1/2 each.
Armour Bright	15/9 dozen.
" "	1/5 each.



No. PHQ 6524

	10"	12"	14"	16"
	doz.	each.	doz.	each.
Dull Black	17/6	1/8	19/3	1/9
Armour Bright	21/-	1/10	22/9	2/-
			26/3	2/4
			29/9	2/8

No. PHQ 8204

Reversible.

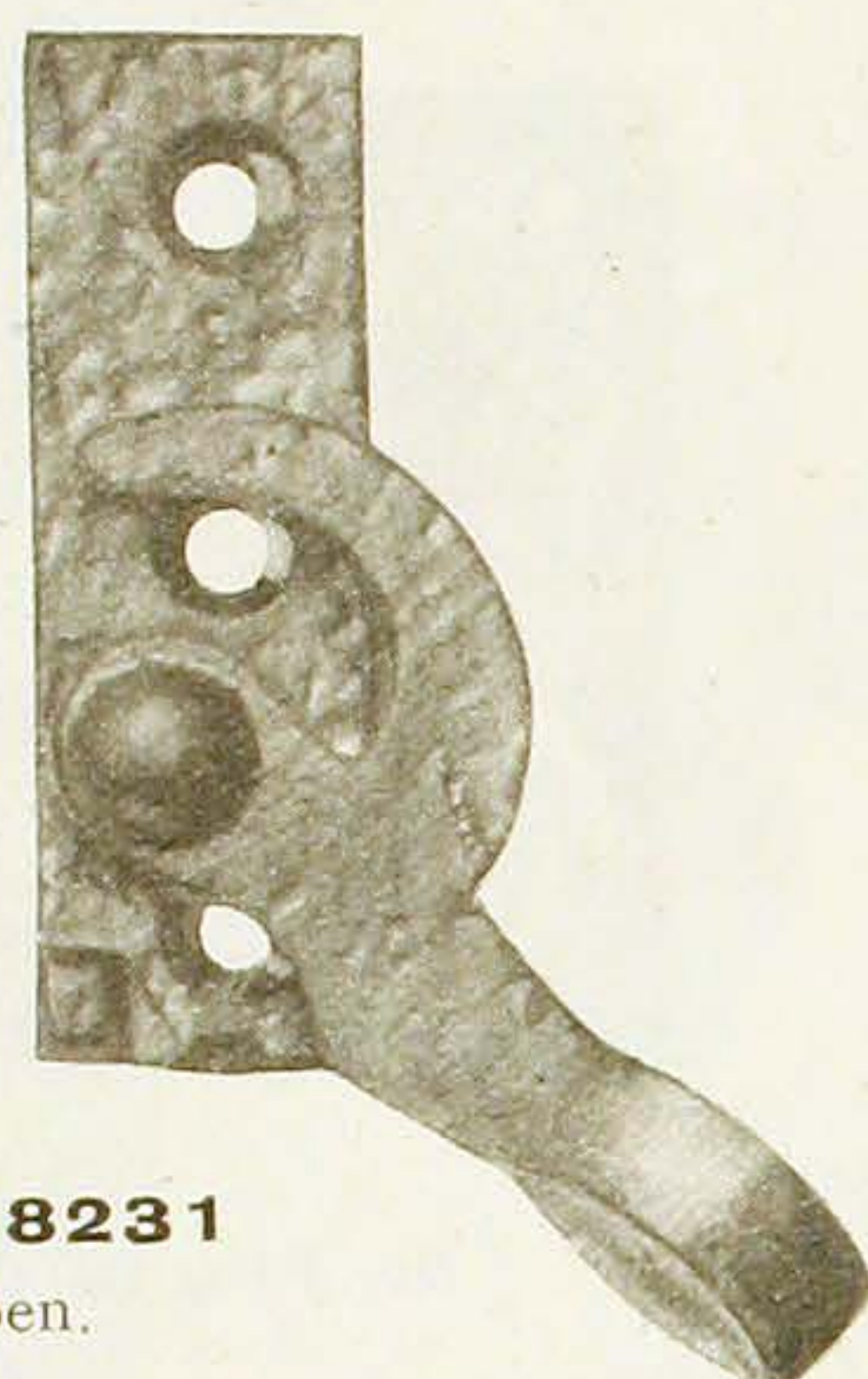
Fastener Plate, 2 $\frac{1}{2}$ " Slot Plate, 3 $\frac{1}{8}$ "

	With Mortice Plate.	With Catch Plate.
Dull Black	18/6	20/3 dozen.
" "	1/8	1/10 each.
Armour Bright	22/-	23/8 dozen.
" "	2/-	2/2 each.

Antique Casement Stays and Fasteners, Latches, etc.

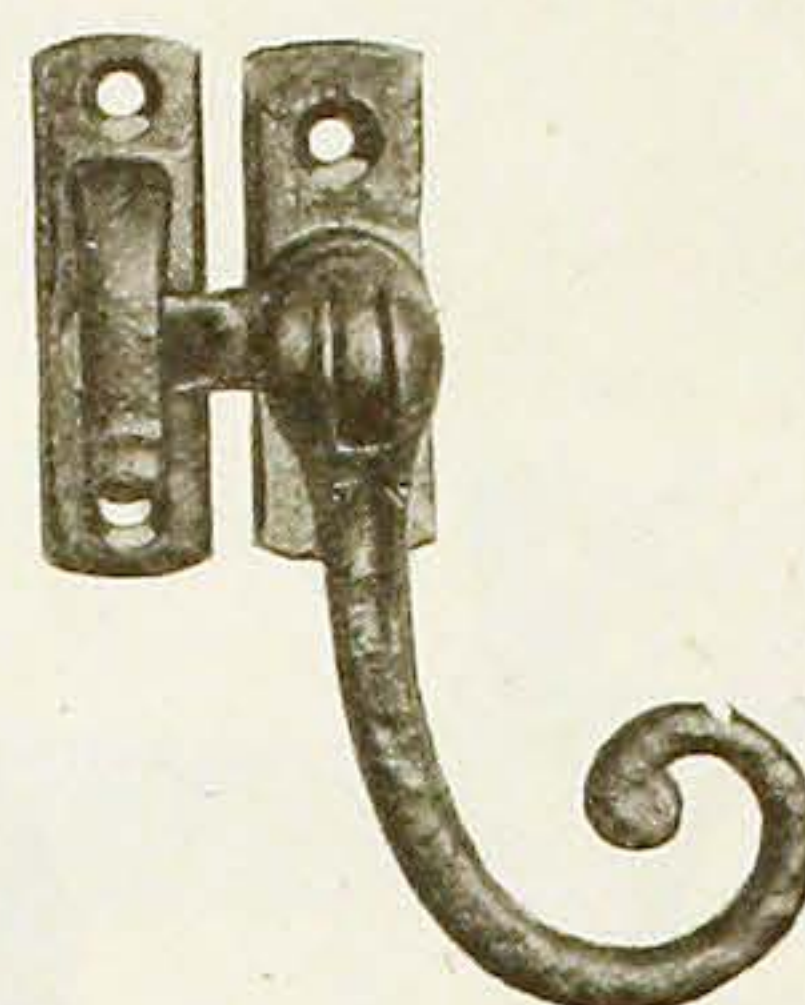


No. PHQ 8231
Open.



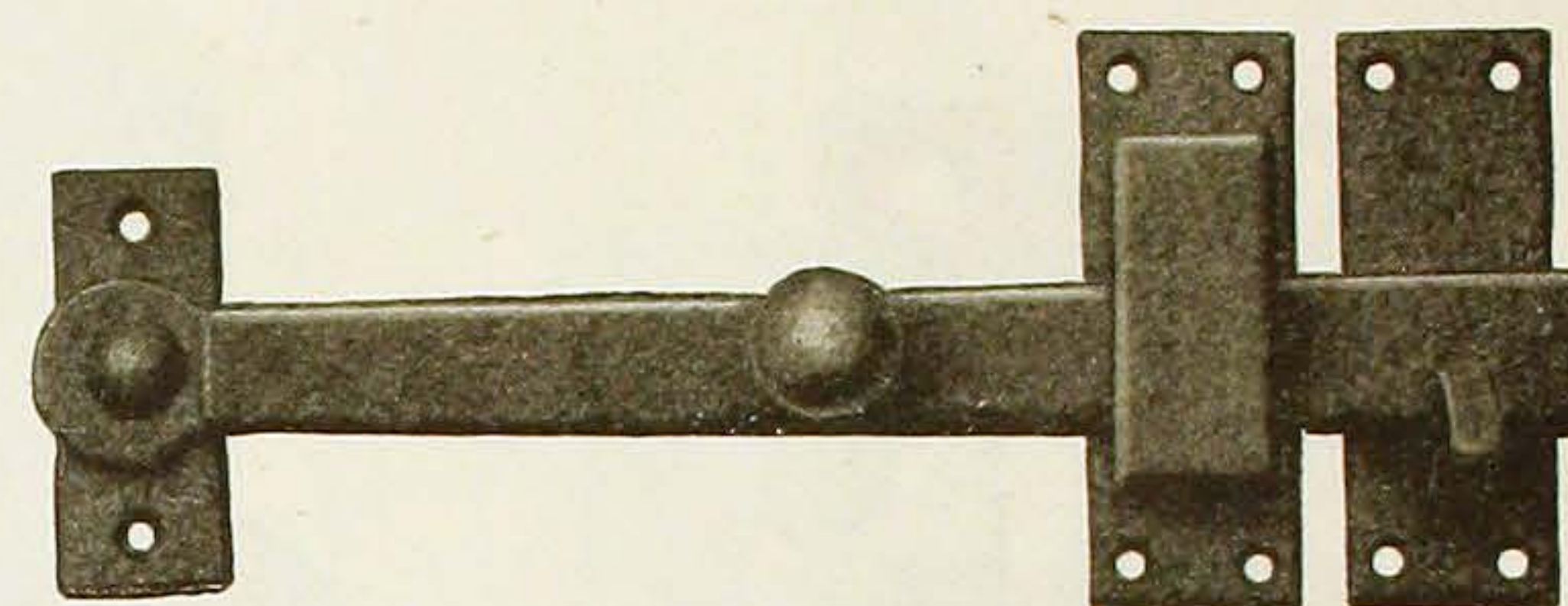
No. PHQ 8231
Shut

	Plates 2 $\frac{9}{16}$ "	
Dull Black	...	15/9 dozen.
" " Bright	...	1/5 each.
" " "	...	18/6 dozen.
" " "	...	1/8 each.



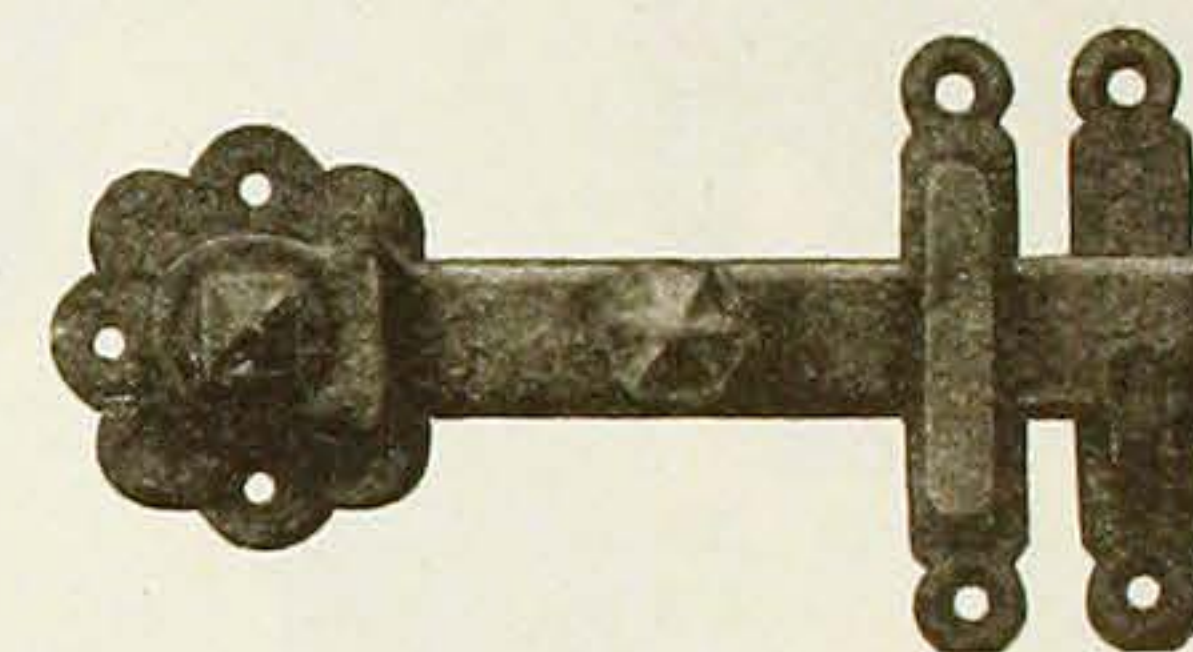
No. PHQ 8234
Reversible. Plates 2 $\frac{1}{2}$ "
With Mortice Plate.
Dull Black ... 18/6 doz.
" " Bright ... 1/8 ea.
" " " 22/- doz.
" " " 2/- ea.

	With Catch Plate.
Dull Black	20/3 doz.
" " Bright	1/10 ea.
" " "	23/8 doz.
" " "	2/2 ea.



No. PHQ 8236
Antique Latch. 12"

	doz.	sets.	per set.
Dull Black	...	52/6	4/6
Armour Bright	...	59/6	5/3



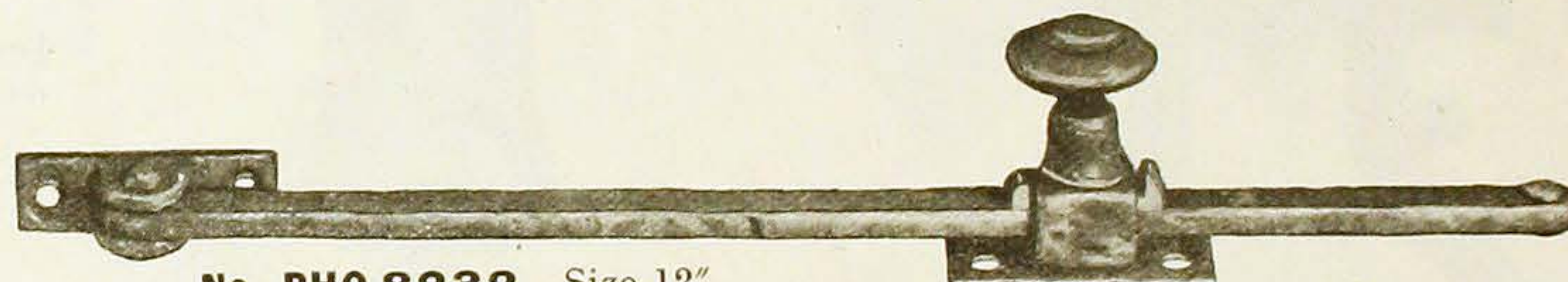
No. PHQ 8237
Antique Latch. 6"

	doz.	sets.	per set.
Dull Black	...	31/6	2/9
Armour Bright	...	35/-	3/2



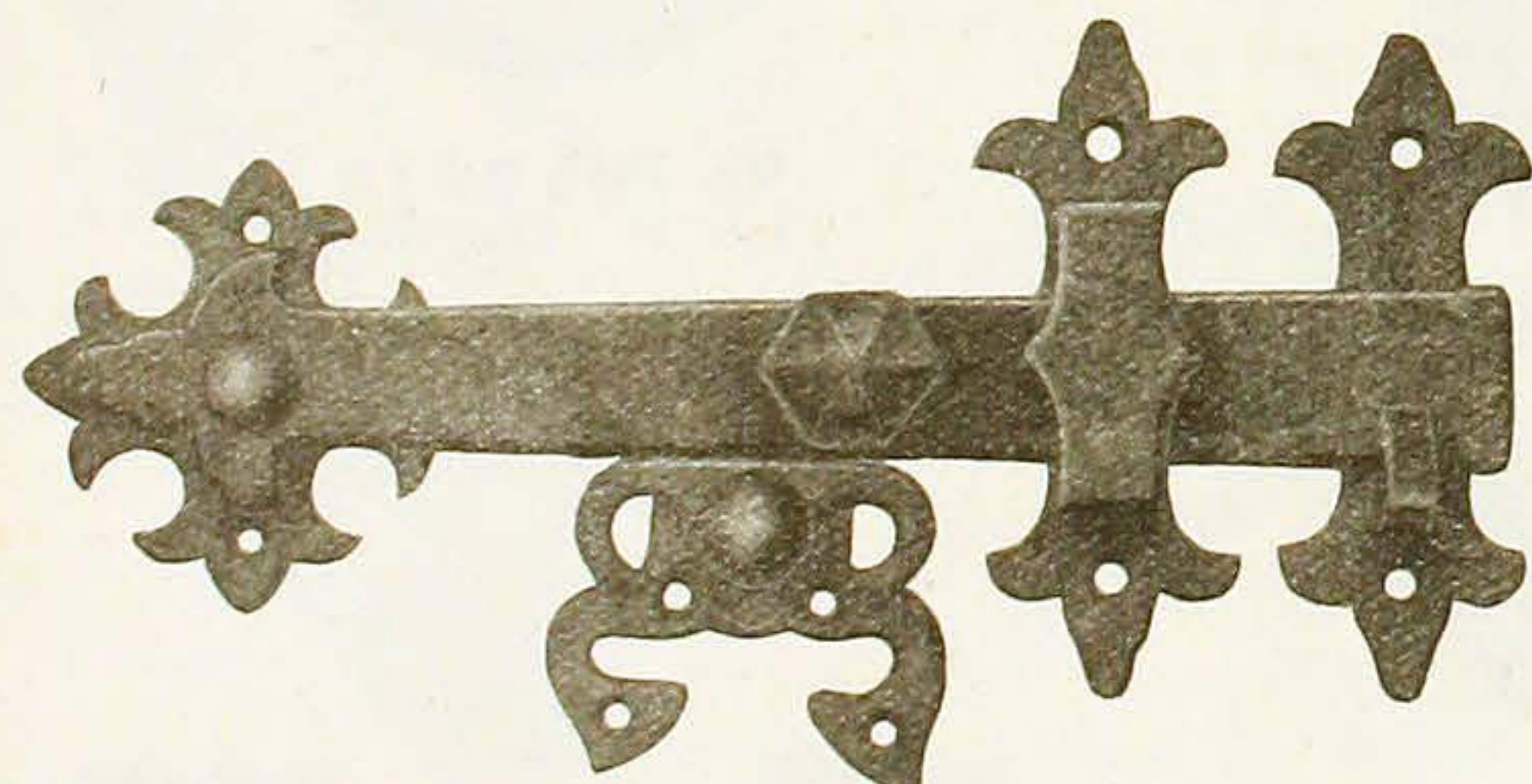
No. PHQ 8233 Screw-down pattern.

	10"	12"
Dull Black	28/-	29/9 dozen.
" " Bright	2/6	2/8 each.
" " "	31/6	33/3 dozen.
" " "	2/9	3/- each.



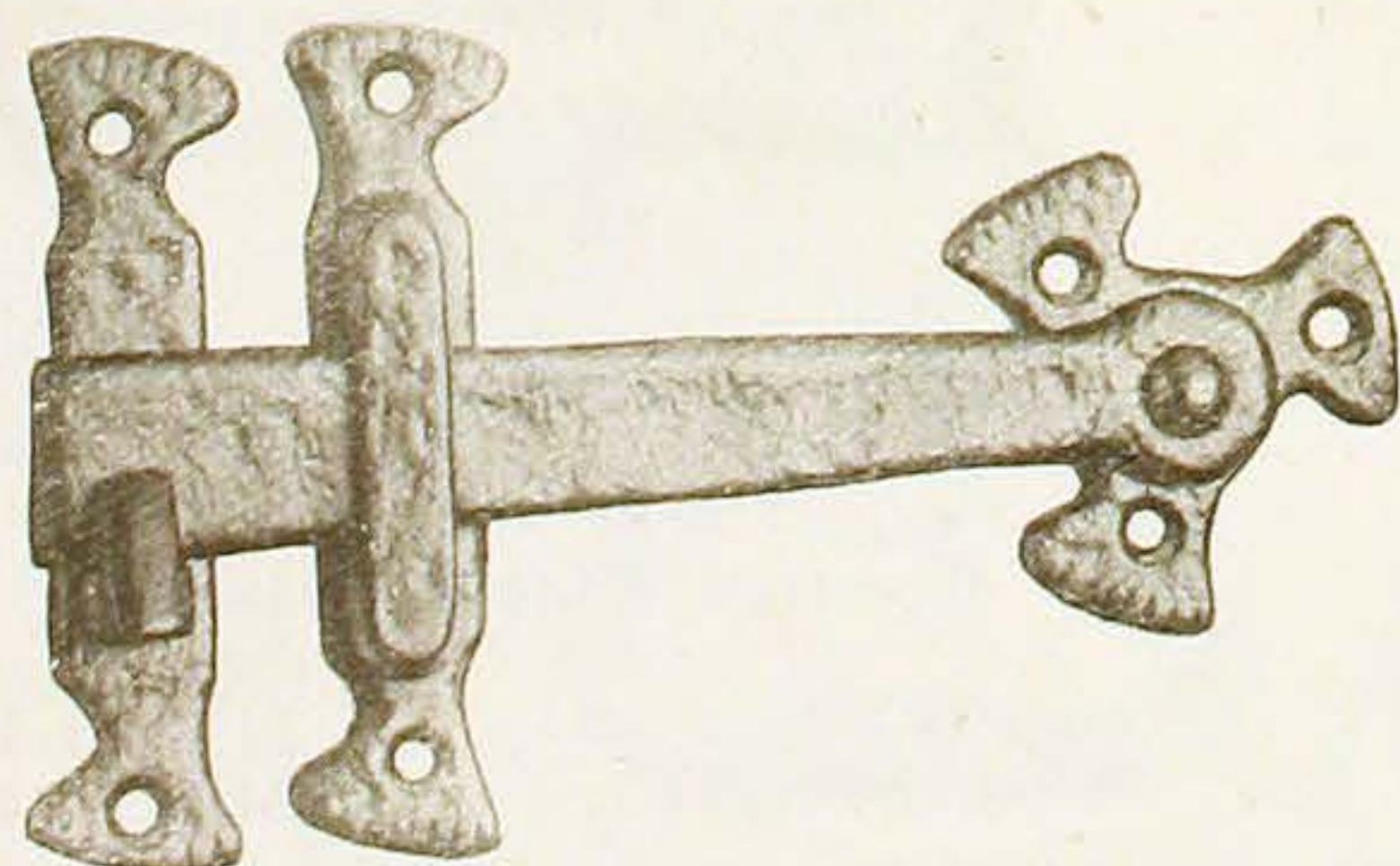
No. PHQ 8232 Size 12"

	Screw-down pattern.
Dull Black	31/6 dozen.
" " Bright	2/9 each.
" " "	36/9 dozen.
" " "	3/3 each.



No. PHQ 8235
Antique Latch. 11 $\frac{1}{4}$ "
doz. sets. per set.

Dull Black	...	52/6	4/6
Armour Bright	...	59/6	5/3

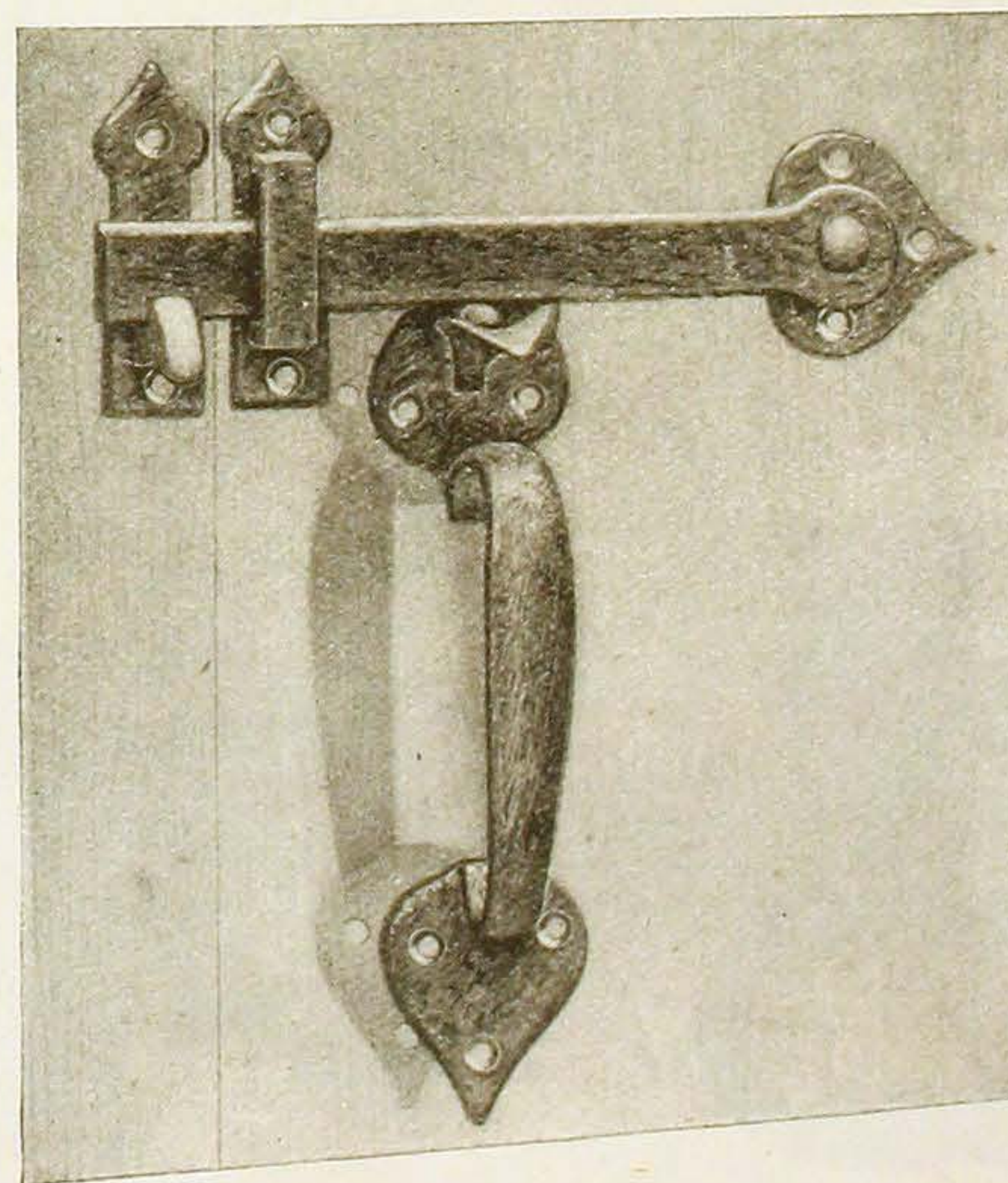


No. PHQ 8239
Furniture. 5" long.
doz. sets. per set.

Dull Black	...	45/6	4/-
Armour Bright	...	57/9	5/-



No. PHQ 8239
Size 7 $\frac{1}{2}$ "
Handle
included in price
of set.

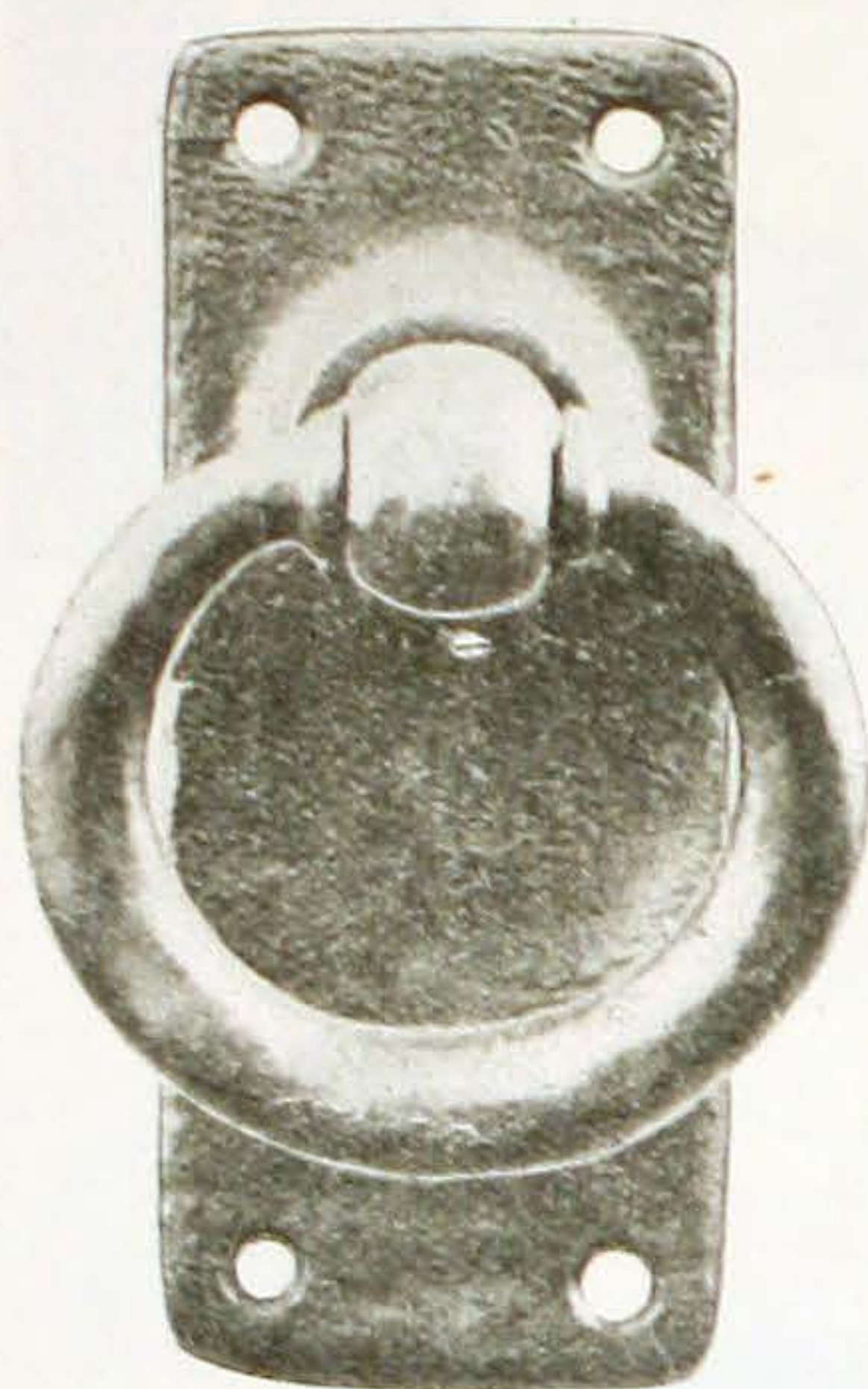


8" Antique Latch with Bow Handles.
Each Side.

No. PHQ 8238

Dull Black.	6/8	Armour Bright.	8/- per set.
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Antique Handles and Latch Furniture



No. PHQ 8205

Plate, 5" long. Handle, 3" diam.
Dull Black ... 2/3 each.
Armour Bright ... 2/8 "



No. PHQ 8206

Plate 5 1/4"

Dull Black ... 2/4 each.
Armour Bright ... 2/9 "



No. PHQ 8207

Plate 4" x 3 1/4" Handle, 3"

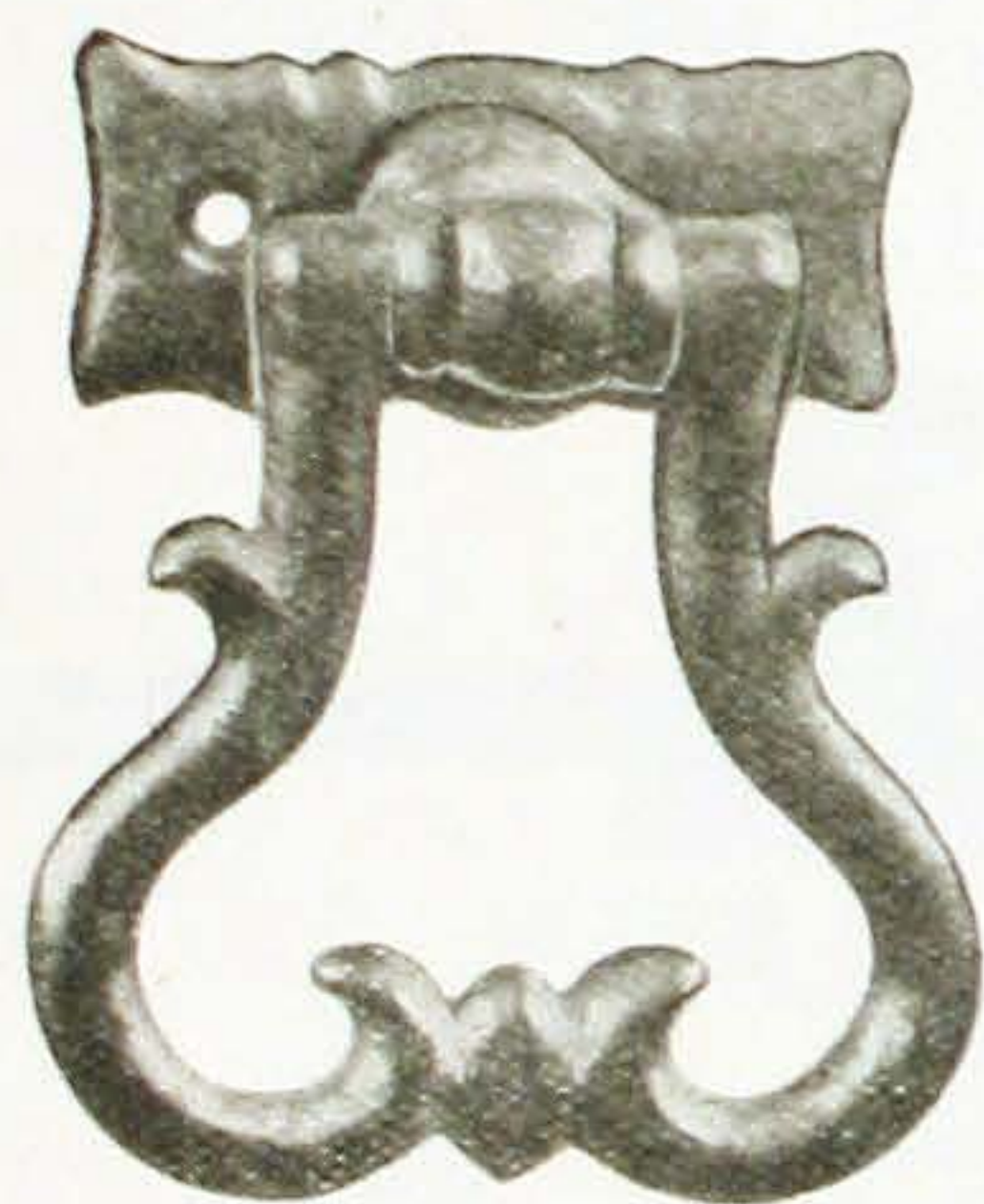
Dull Black ... 2/8 each.
Armour Bright ... 3/2 "



No. PHQ 8208

Size 5"

Dull Black ... 5/10 each.
Armour Bright ... 6/8 "



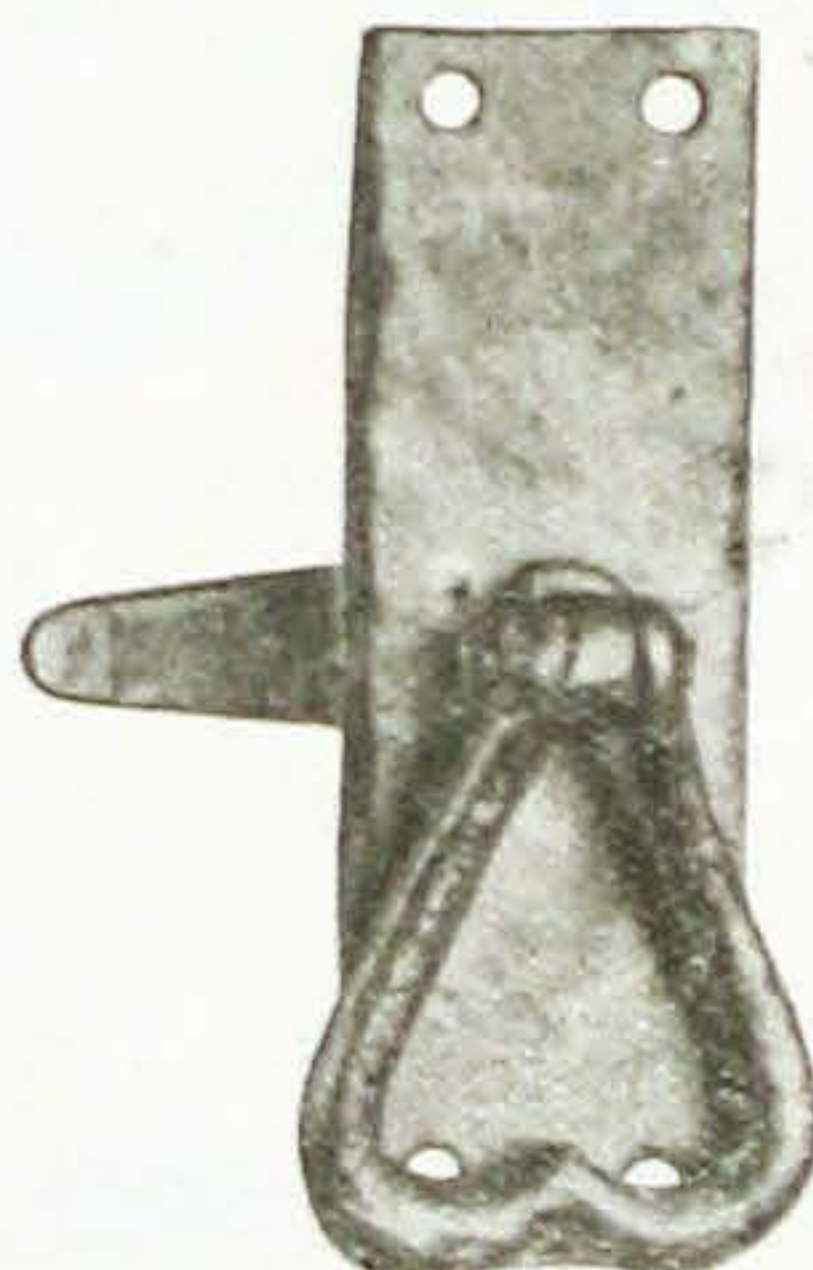
No. PHQ 8209

Wardrobe Handle with Spindle.

	doz.	each.
Dull Black ...	14/-	1/3
Armour Bright ...	15/9	1/5

Cupboard Handle with Spindle and Turnbuckle.

	doz.	each.
Dull Black ...	15/9	1/5
Armour Bright ...	17/6	1/8



No. PHQ 8210

Riveted Pedestal Handle.

	doz.	each.
Dull Black ...	12/3	1/2
Armour Bright ...	14/-	1/3

Wardrobe Handle with Spindle.

Dull Black ...	14/-	1/3
Armour Bright ...	15/9	1/5

Cupboard Handle with Spindle and Turnbuckle.

Dull Black ...	15/9	1/5
Armour Bright ...	17/6	1/8



No. PHQ 8211

Plate 2 1/2"

	doz.	each.
Dull Black ...	13/3	1/3
Armour Bright ...	15/-	1/5



No. PHQ 8212

Plate 2" Handle 3"

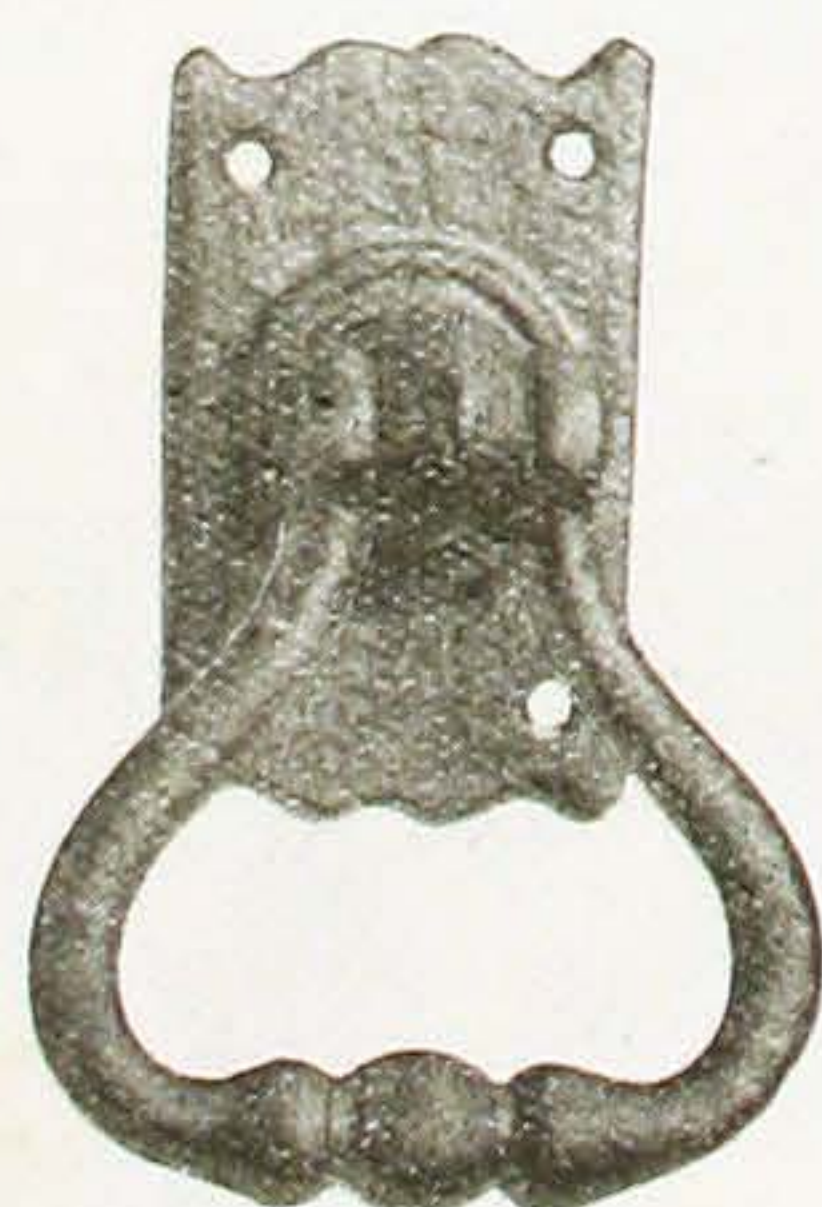
Dull Black ...	2/3 each.
Armour Bright ...	2/8 "



No. PHQ 8213

Rose 2 3/4" Handle 5"

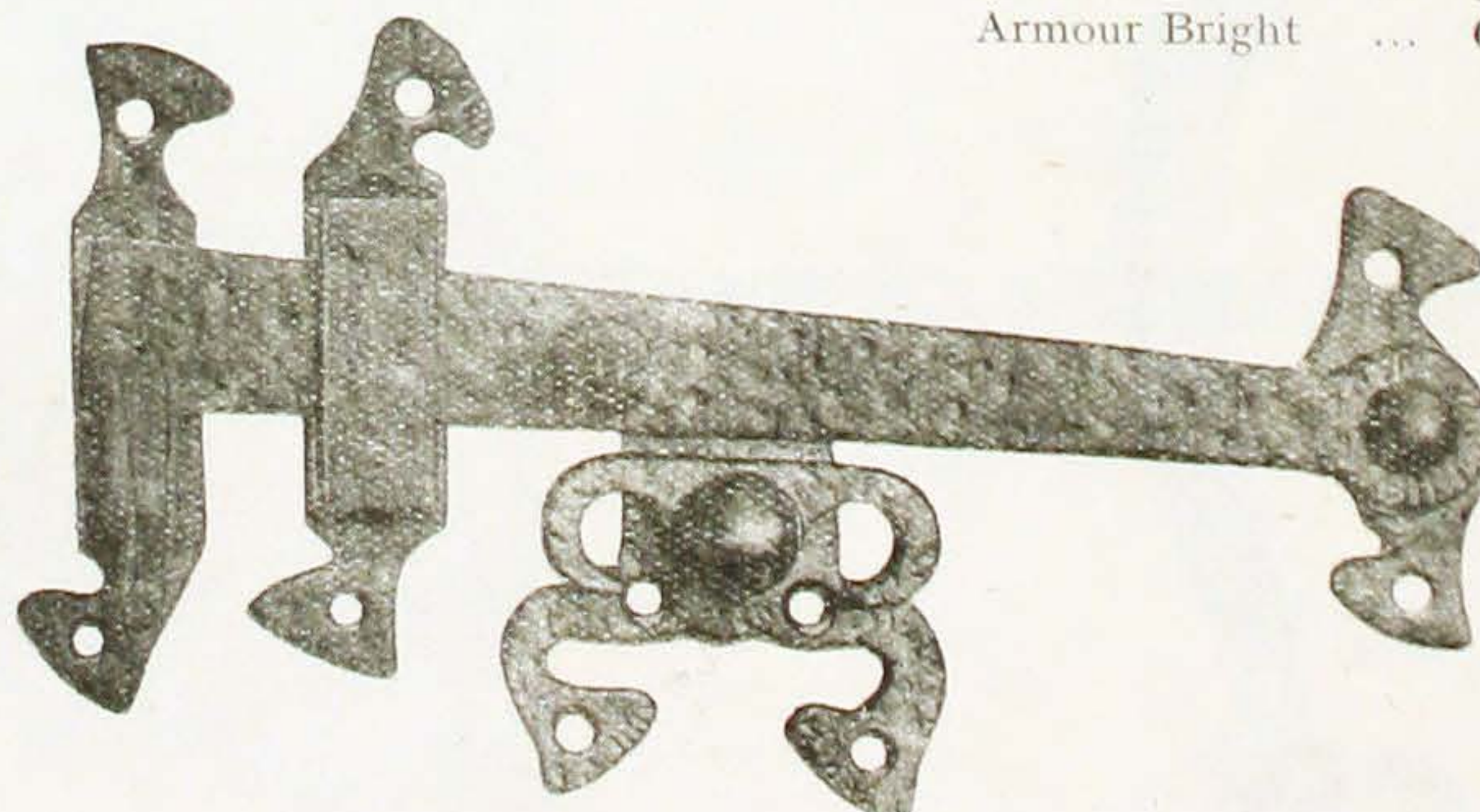
Dull Black ...	5/3 each.
Armour Bright ...	6/3 "



No. PHQ 8214

Plate 3 1/4"

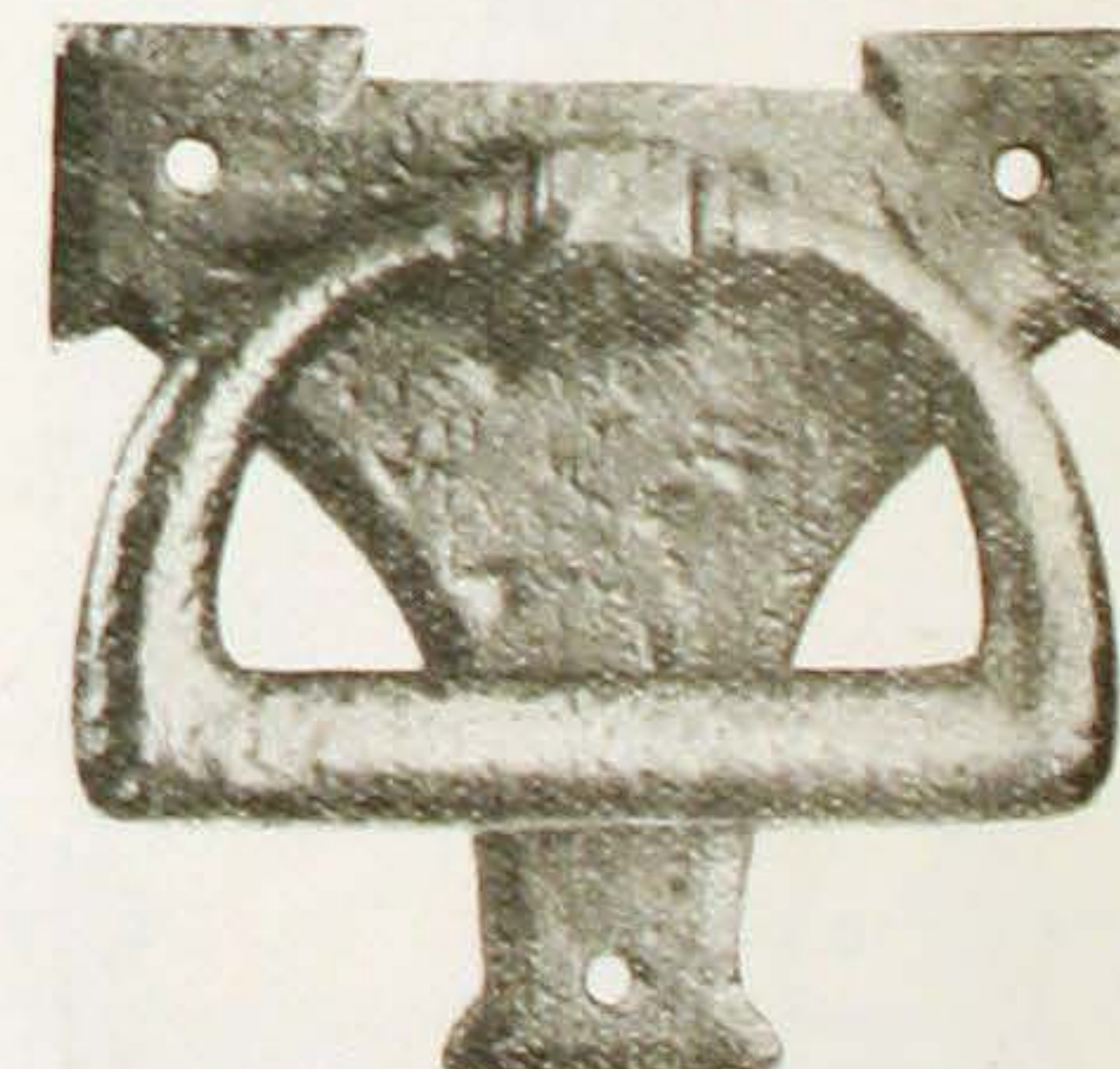
Handle included in price of set.
See price on right.



No. PHQ 8214

Size 9 1/4" Plates 4 1/4"

Dull Black ...	70/- doz. sets.
" " ...	6/- set.
Armour Bright ...	84/- doz. sets.
" " ...	7/3 set.



No. PHQ 8215

Riveted Pedestal Handle.

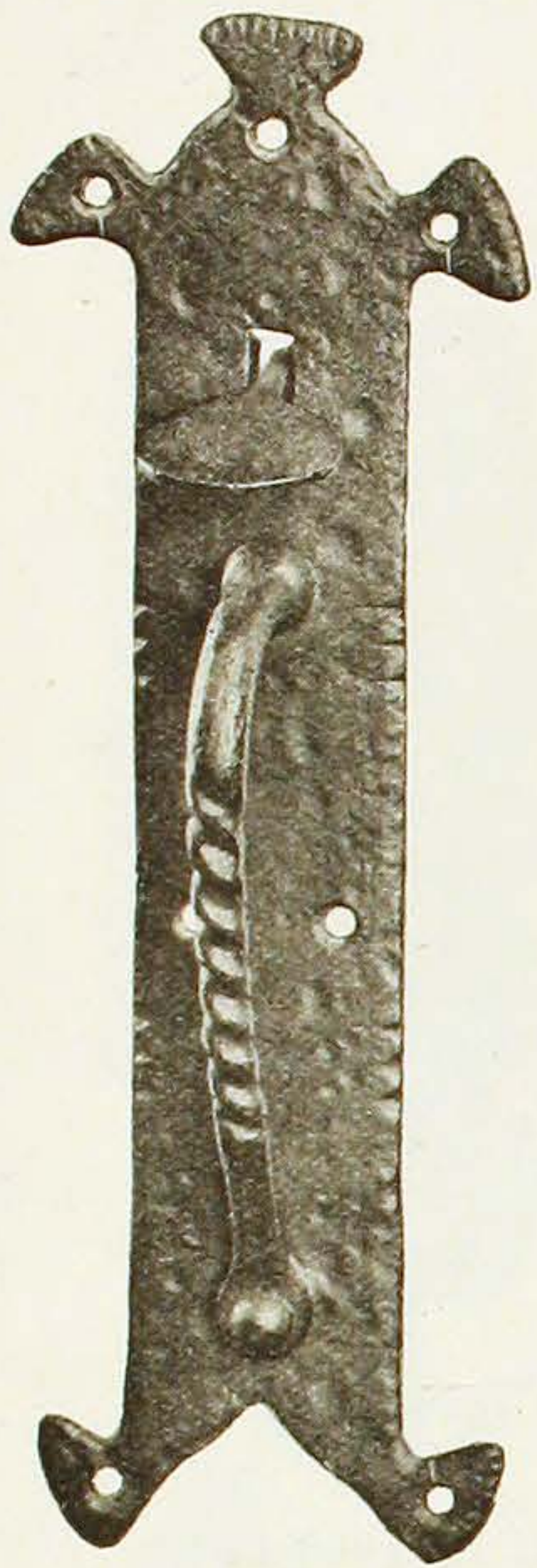
	doz.	each.
Dull Black ...	21/-	1/10
Armour Bright ...	24/6	2/2

Wardrobe Handle with Spindle.

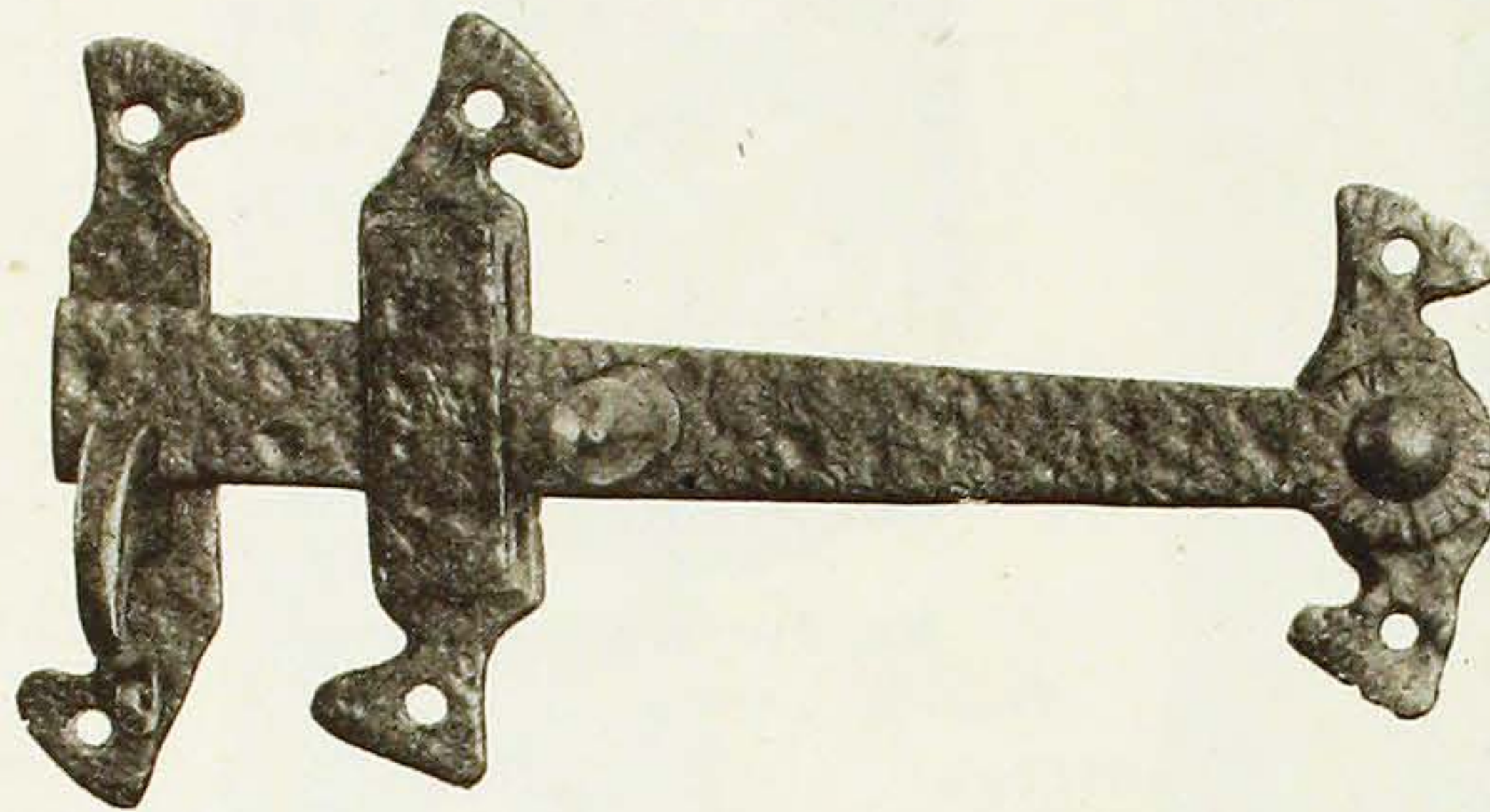
	doz.	each.
Dull Black ...	22/9	2/-
Armour Bright ...	26/3	2/4

Antique Latch Handles and Furniture

COTTAGE DOOR HANDLE AND FURNITURE.



No. PHQ 6833
Size 10 1/4"

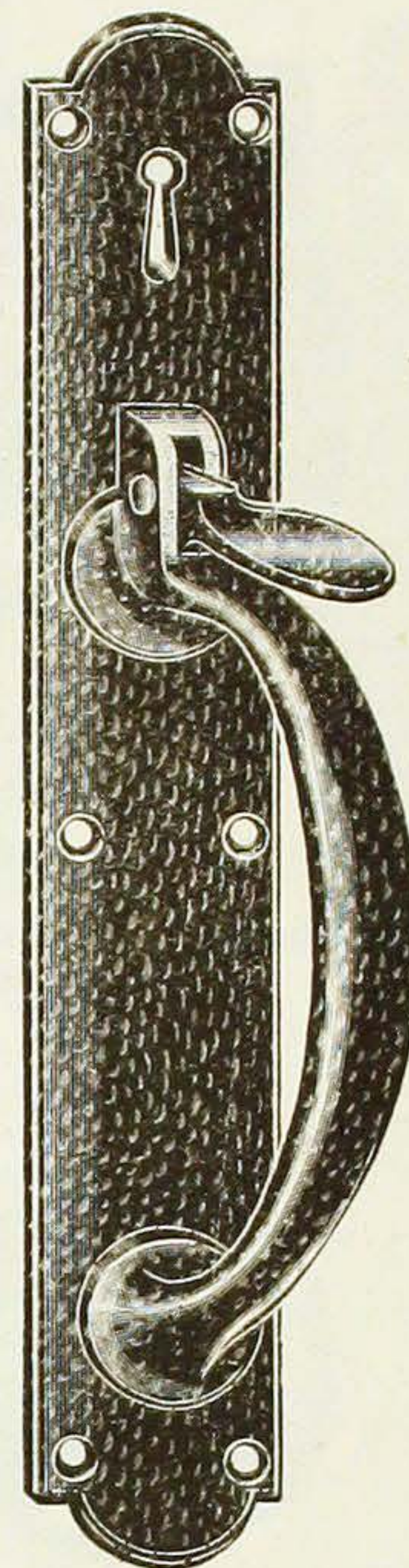


No. PHQ 6833 Complete with Furniture 9 1/4" x 4 1/2"
Dull Black ... 6/2 per set.
Ditto, with Pin and Chain ... 6/8 "
Armour Bright ... 7/- "
Ditto, with Pin and Chain ... 7/6 "

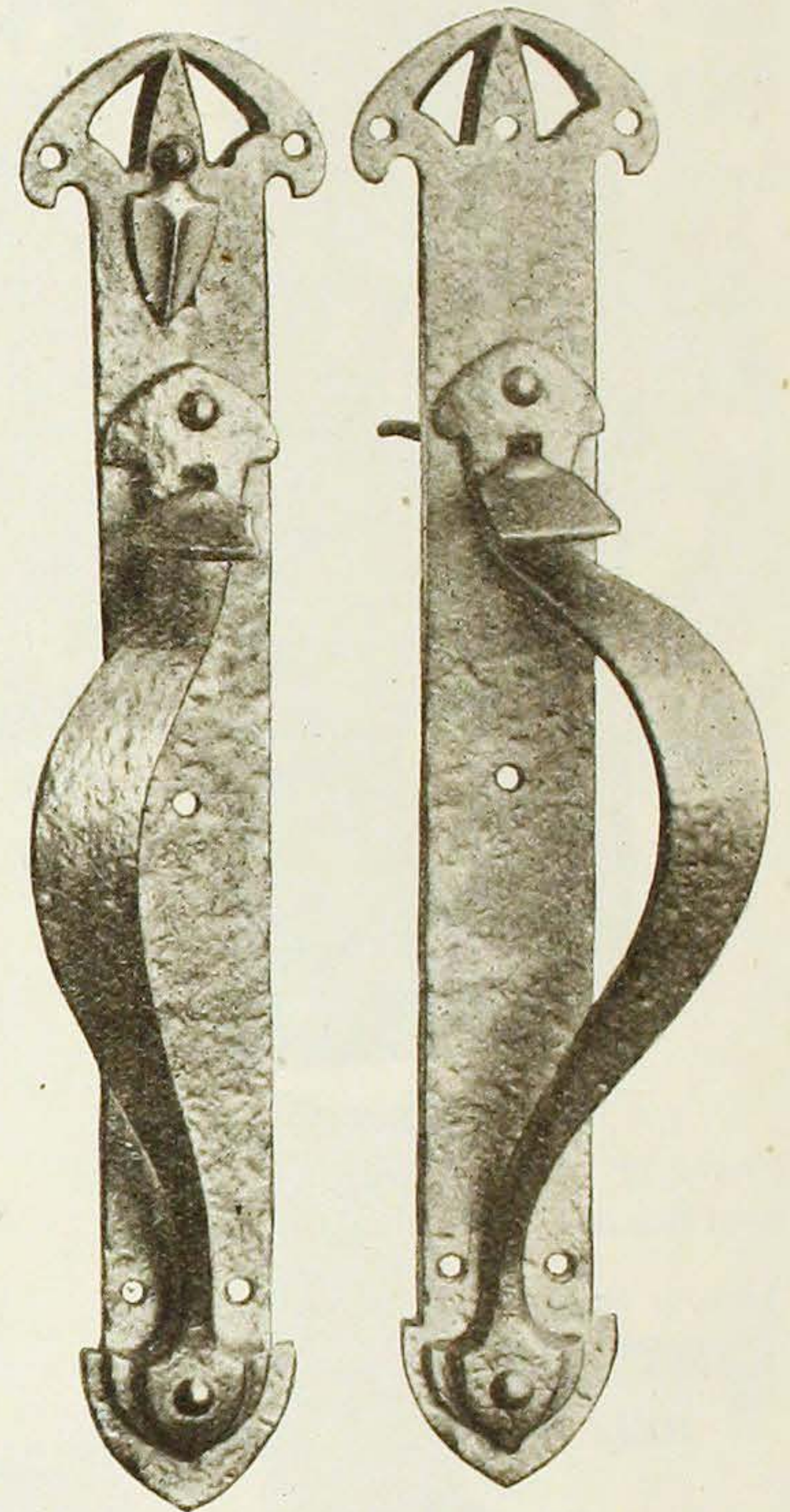


Latch for Cupboard Doors.
Catch Plate is separate.

No. PHQ 6835 Size 3 1/2"
dozen. each.
Dull Black, complete ... 31/6 2/9
Armour Bright " ... 35/- 3/2



No. PHQ 4703
Weighted Lock
Handle, 12" x 2"
Antique Hammered
B.B. 3/6 each.



Left hand. Right hand.
With
covered Escutcheon.

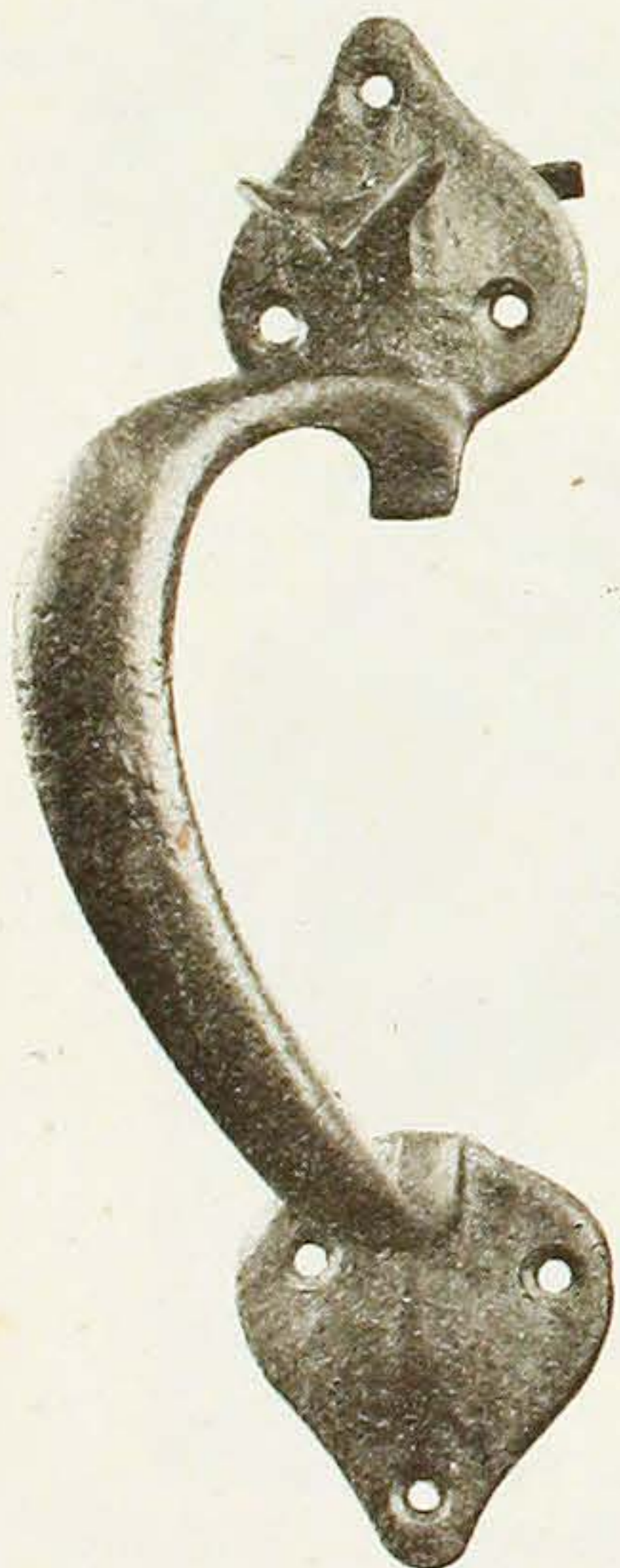
No. PHQ 6834
Weighted Lock Handles.
Size 12 1/2"

Without Escutcheon.

Dull Black ... 3/6 each.
Armour Bright ... 4/- "

With Covered Escutcheon.

Dull Black ... 4/- each.
Armour Bright ... 4/6 "



No. PHQ 6837 Straight
No. PHQ 6929 Cranked
as illustrated.
Complete with Furniture.



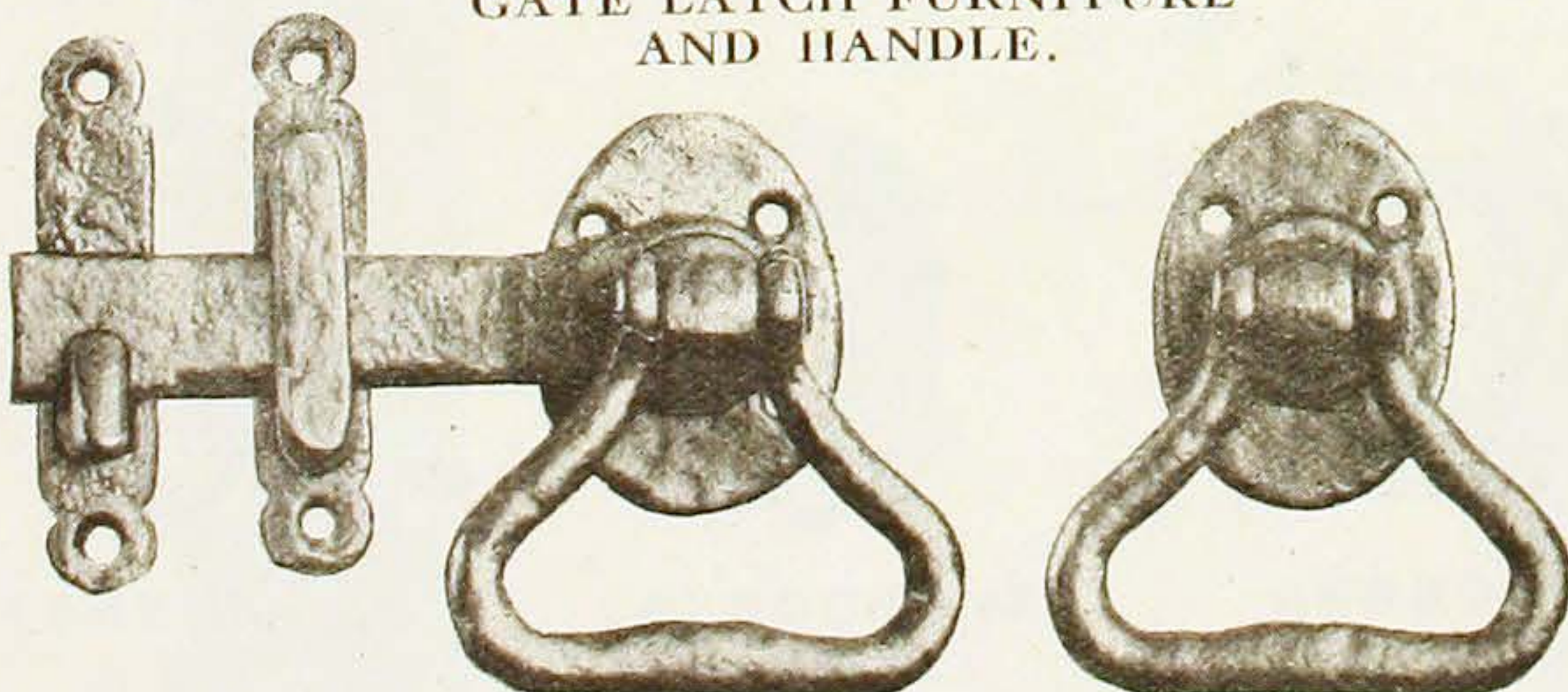
No. PHQ 6837 Straight.
9" Thumb Latch, complete with Furniture.
Dull Black. With Pin and Chain. Armour Bright.
4/6 5/- 5/3

No. PHQ 6929 Cranked Handle.
With Pin and Chain. Armour Bright.
5/- 5/3

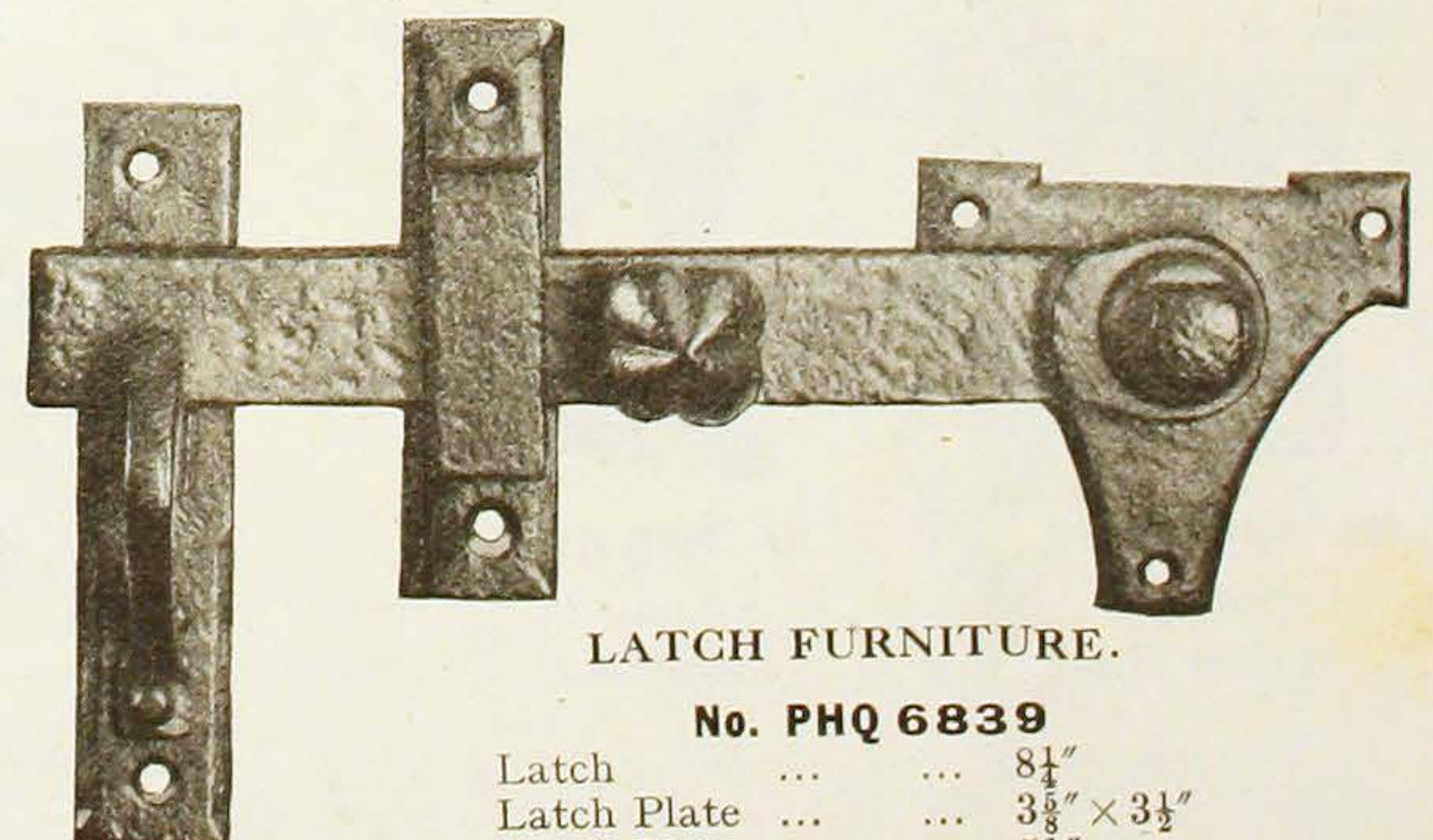
With Pin and Chain.
5/10 set.

With Pin and Chain.
4/6 per set.
5/10 set.

GATE LATCH FURNITURE AND HANDLE.



No. PHQ 6838 Prices
Furniture 4 1/2" long. complete.
Plates 3 1/2" long.
Dull Black ... 70/- dozen sets.
" " " " 6/- per set.
Armour Bright ... 84/- dozen sets.
" " " " 7/3 per set.



LATCH FURNITURE.

No. PHQ 6839
Latch ... 8 1/2"
Latch Plate ... 3 1/2" x 3 1/2"
Catch Plate ... 5 1/4"
Dull Black ... 6/3 set.
Armour Bright ... 6/8 "

Antique Door Knobs, Escutcheons, etc.



No. PHQ 6840

Plate, 2 $\frac{3}{4}$ " wide. Knob 2 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "
 Dull Black ... 38/6 dozen.
 " " ... 3/4 each.
 Armour Bright ... 44/8 dozen.
 " " ... 3/10 each.

BELL PUSH (not fitted).



No. PHQ 6846 (not fitted).

Plate 4 $\frac{3}{4}$ " x 2 $\frac{1}{8}$ "
 Dull Black ... 14/- dozen.
 " " ... 1/3 each.
 Armour Bright ... 15/9 dozen.
 " " ... 1/6 each.



No. PHQ 6841

Plate 2 $\frac{7}{8}$ " x 2" Knob 2 $\frac{3}{8}$ " x 1 $\frac{1}{2}$ "
 Dull Black ... 26/3 dozen.
 " " ... 2/4 each.
 Armour Bright ... 30/8 dozen.
 " " ... 2/8 each.



No. PHQ 6842

Plate 2 $\frac{3}{4}$ " x 2" Knob 1 $\frac{1}{2}$ "
 Dull Black ... 24/6 dozen.
 " " ... 2/2 each.
 Armour Bright ... 26/3 dozen.
 " " ... 2/4 each.



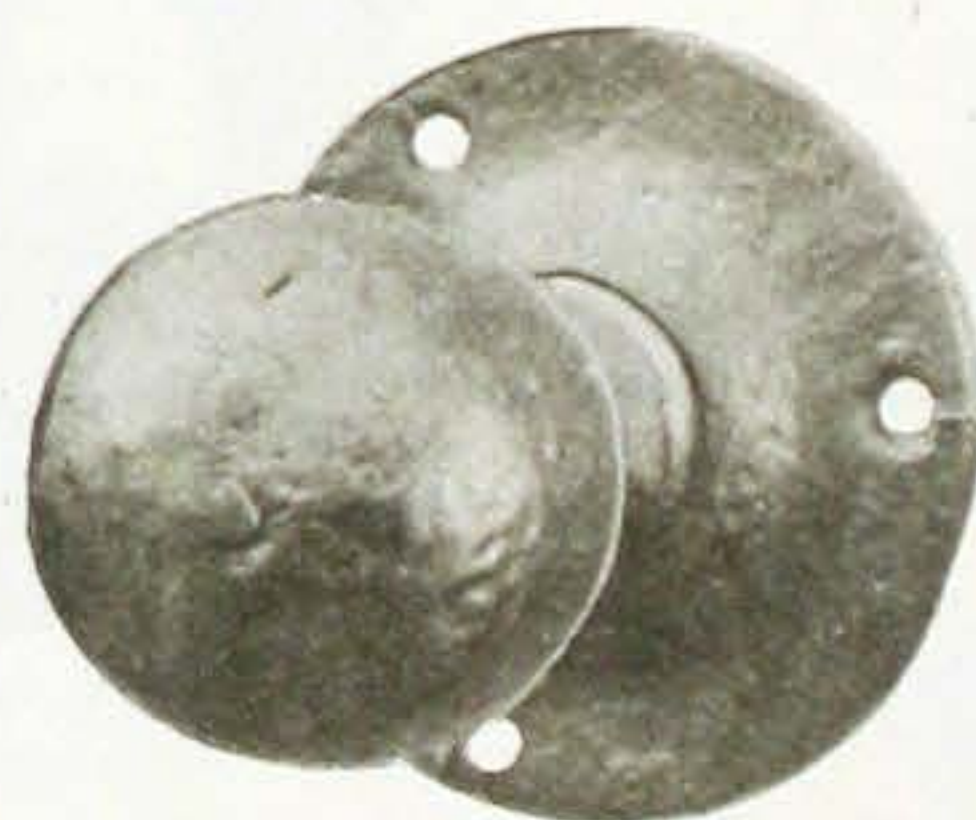
No. PHQ 6844

Plate 2" dia. Knob 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "
 Dull Black ... 17/6 dozen.
 " " ... 1/7 each.
 Armour Bright ... 19/3 dozen.
 " " ... 1/9 each.



No. PHQ 6845

Plate 2 $\frac{3}{8}$ " dia. Knob 2 $\frac{3}{8}$ " x 1 $\frac{1}{2}$ "
 Dull Black ... 25/6 dozen.
 " " ... 2/3 each.
 Armour Bright ... 29/- dozen.
 " " ... 2/7 each.



No. PHQ 6851

Plate 2 $\frac{3}{8}$ " dia. Knob 1 $\frac{1}{4}$ " dia.
 Dull Black ... 24/6 dozen.
 " " ... 2/2 each.
 Armour Bright ... 26/3 dozen.
 " " ... 2/4 each.



No. PHQ 6850

Size 3 $\frac{1}{4}$ " x 3 $\frac{1}{4}$ "
 Dull Black ... 31/6 dozen.
 " " ... 2/9 each.
 Armour Bright ... 36/9 dozen.
 " " ... 3/3 each.



No. PHQ 6852

Cabinet 1 $\frac{1}{2}$ "
 Mortise 1 $\frac{3}{4}$ "



No. PHQ 6853

Cabinet 1 $\frac{1}{8}$ "
 Mortise 2"



No. PHQ 6854

Cabinet 1 $\frac{1}{8}$ "
 Mortise 1 $\frac{7}{8}$ "



No. PHQ 6855

Cabinet 1 $\frac{1}{8}$ "
 Mortise 1 $\frac{3}{8}$ "



No. PHQ 6856

Cabinet 1 $\frac{1}{8}$ "
 Mortise 1 $\frac{3}{8}$ "



No. PHQ 6857

Cabinet 1 $\frac{1}{8}$ "
 Mortise 2"

All above Escutcheons same price.

	Dull Black.	Armour Bright.
	dozen.	dozen.
Cabinet	3/2	4/-
Mortise	3/6	4/4
	each.	each.
	4d.	5d.
	4d.	5d.

"B" Basis.

PHQ—Quick delivery.

Antique Finger Plates and Lever Handles



No. PHQ 6858
Sizes 7½" and 12½"



No. PHQ 6859
Sizes 8½" and 12½"



No. PHQ 6862
Sizes 8" and 12"



No. PHQ 6861
Sizes 8" and 12"



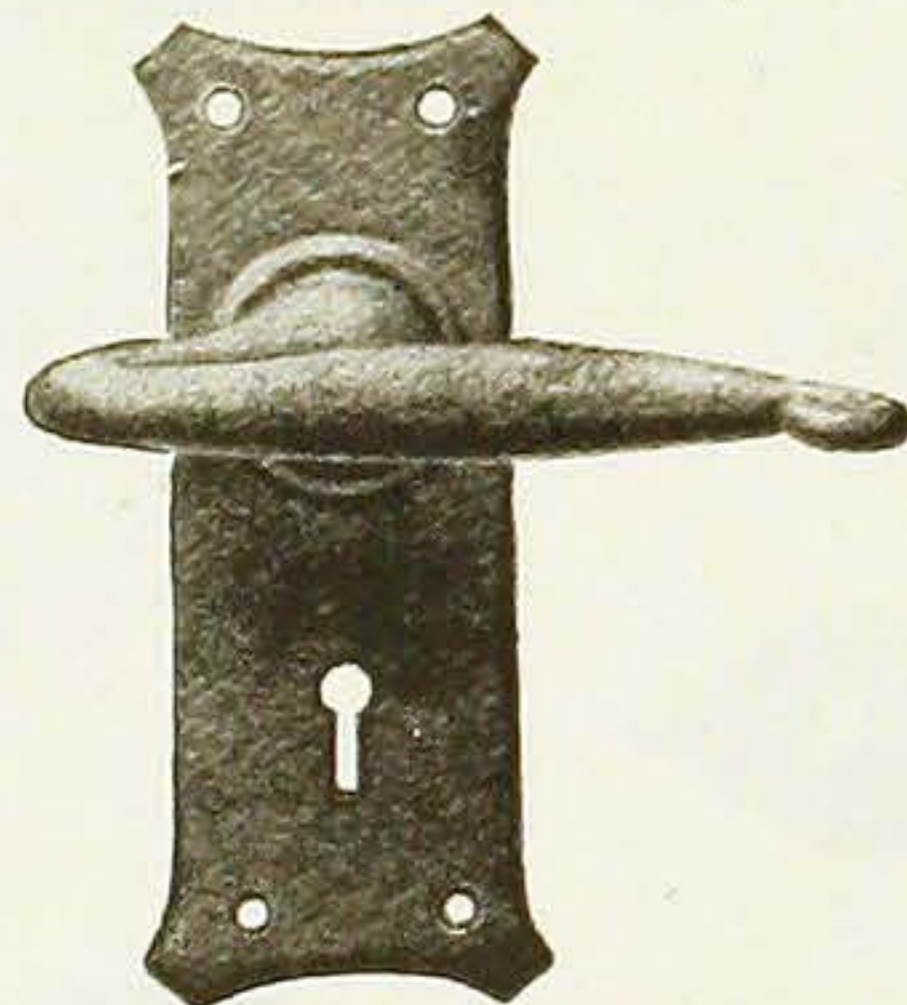
No. PHQ 6860
Sizes 9" and 12"

All Same Price. Separately.

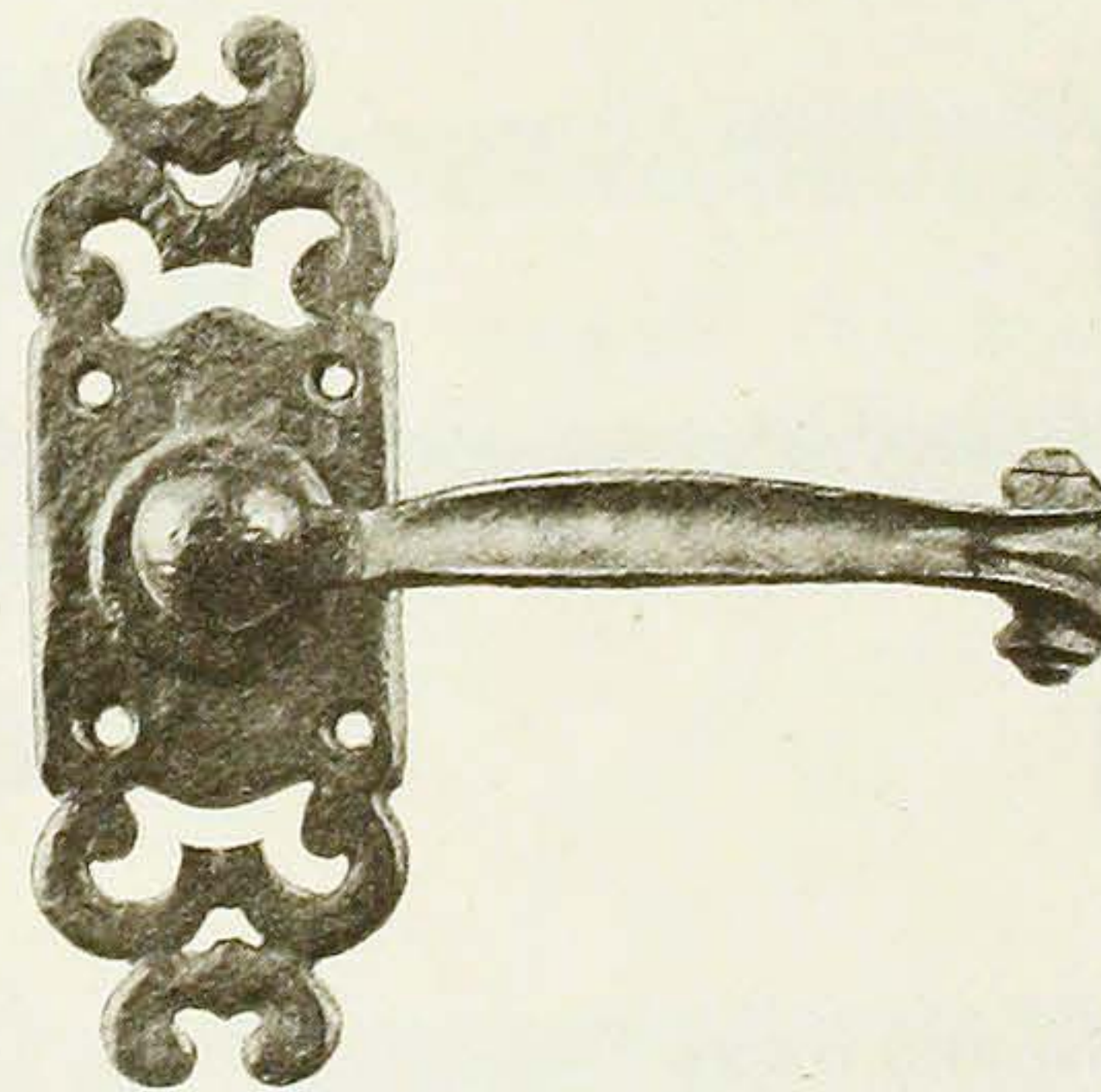
	Pair.	Smaller.	Larger.
Dull Black ..	4/1	1/9	2/4 each.
Armour Bright ..	4/8	2/-	2/8 each.



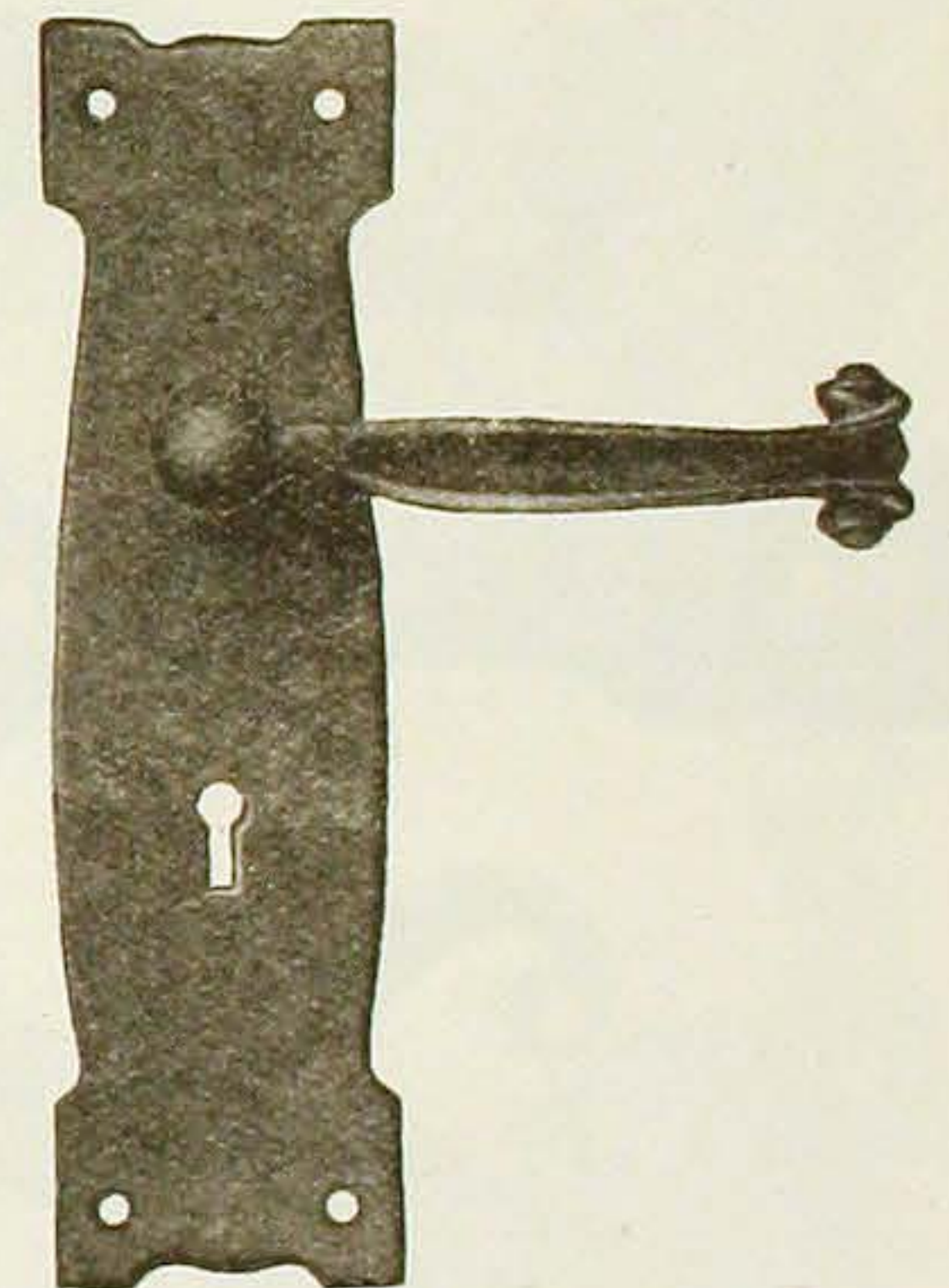
No. PHQ 6867
Plate 4½" Handle 4½"
Dull Black .. 17/6 dozen.
" " " 1/8 each.
Armour Bright .. 21/- dozen.
" " " 1/10 each.



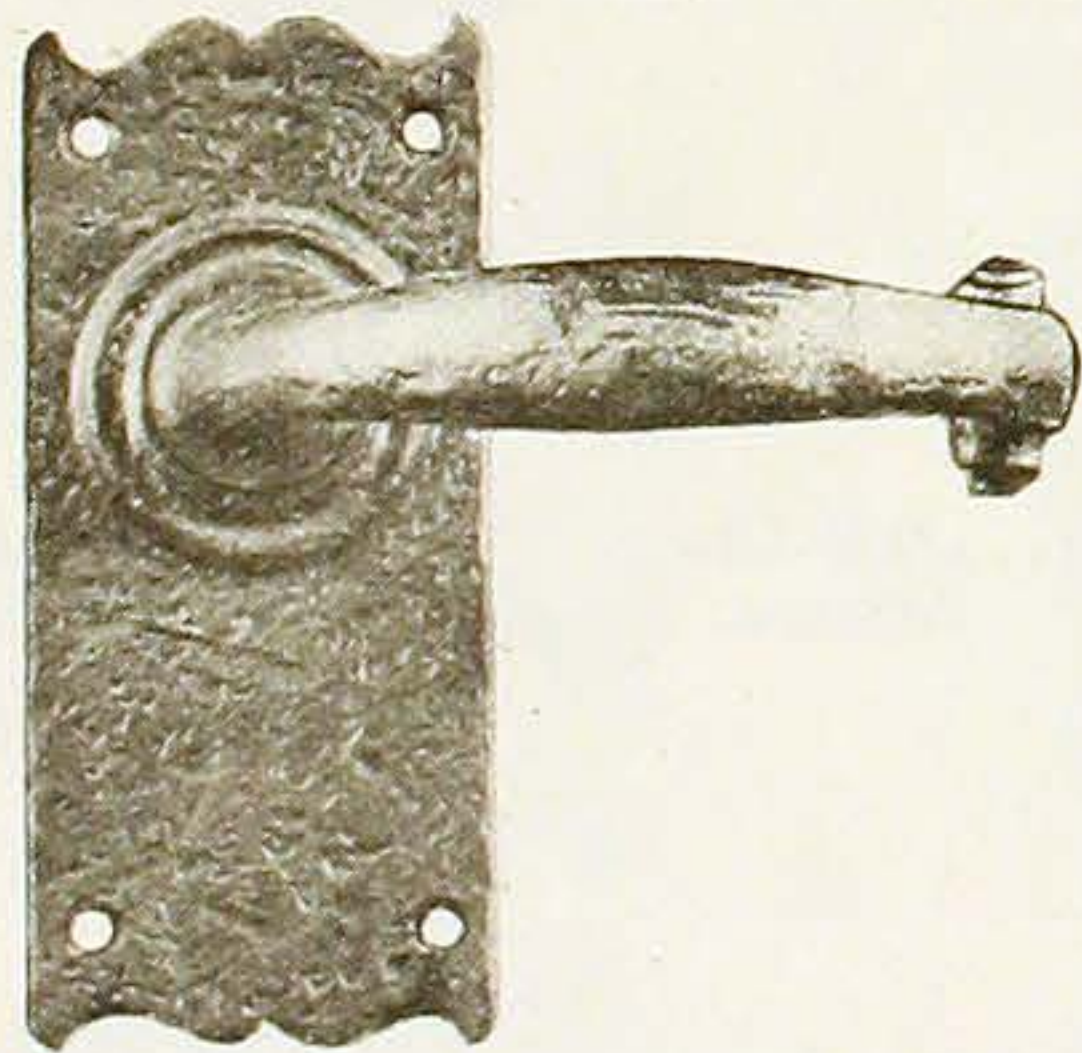
No. PHQ 6863
Plate 6" x 2½" Handle 5"
Dull Black .. 26/3 dozen.
" " " 2/4 each.
Armour Bright .. 31/6 dozen.
" " " 2/9 each.



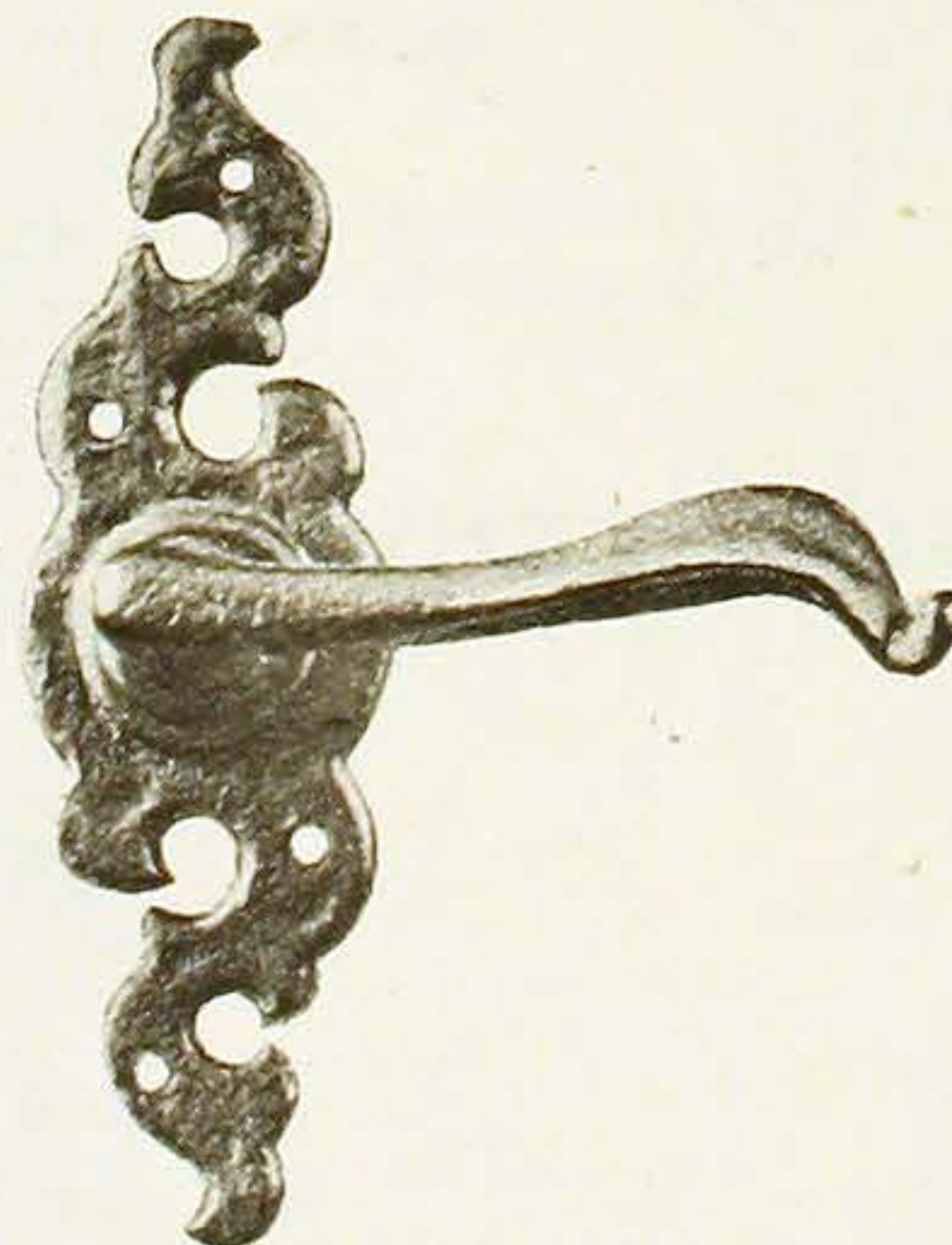
No. PHQ 6849
Plate 6"
Dull Black .. 24/6 dozen.
" " " 2/2 each.
Armour Bright .. 28/- dozen.
" " " 2/6 each.



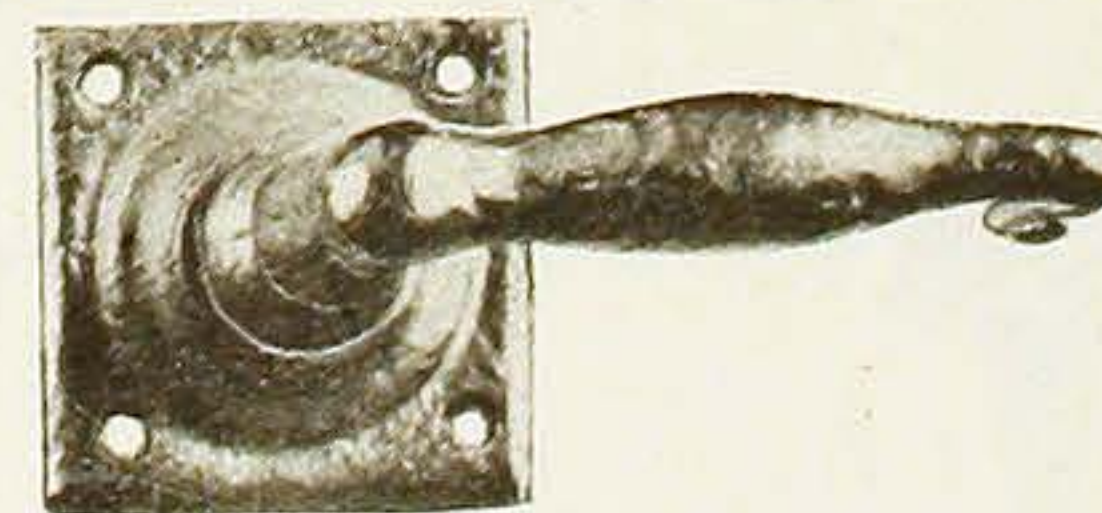
No. PHQ 6871
Plate 8½" x 2½" Handle 5"
Dull Black .. 31/6 dozen.
" " " 2/9 each.
Armour Bright .. 38/6 dozen.
" " " 3/4 each.



No. PHQ 6868
Plate 4½"
Dull Black .. 24/6 dozen.
" " " 2/2 each.
Armour Bright .. 28/- dozen.
" " " 2/6 each.



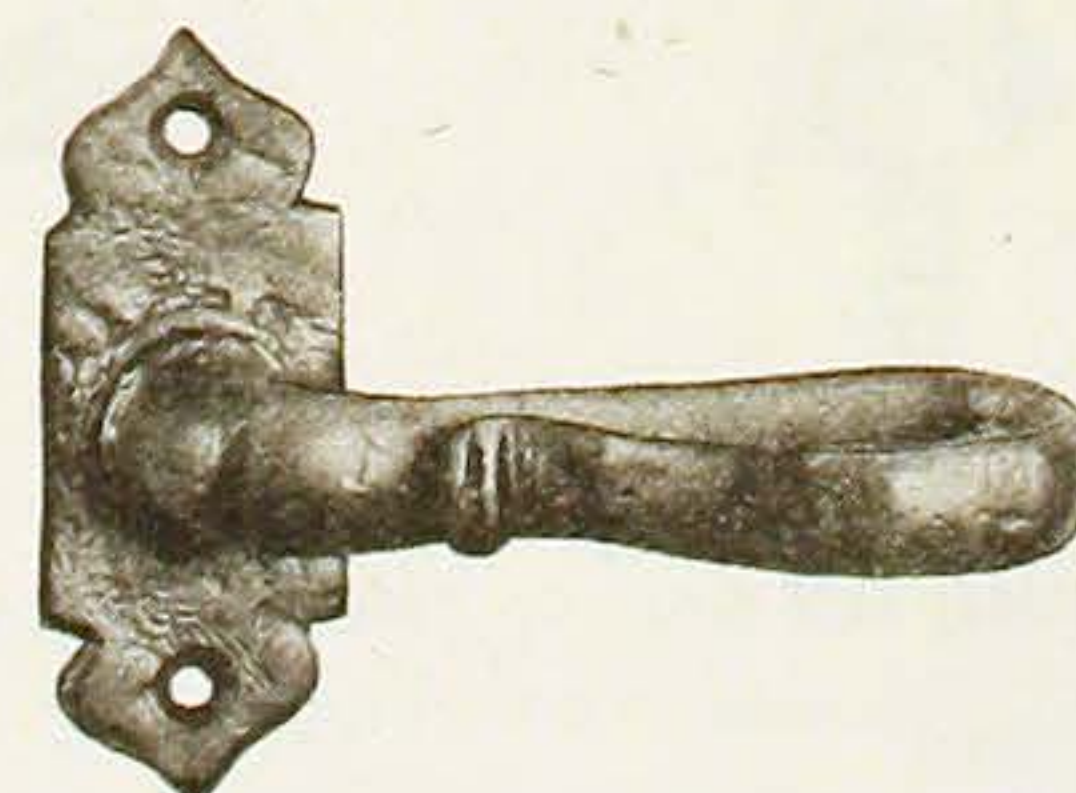
No. PHQ 6869
Plate 5½"
Dull Black .. 1/8 each.
Armour Bright .. 2/- "



No. PHQ 6847
Plate 2" x 2"
Dull Black .. 17/6 dozen.
" " " 1/8 each.
Armour Bright .. 21/- dozen.
" " " 2/- each.



No. PHQ 6864
Plate 8" x 2½" Handle 4"
Dull Black .. 29/9 dozen.
" " " 2/8 each.
Armour Bright .. 36/9 dozen.
" " " 3/3 each.



No. PHQ 6870
Plate 3½" Handle 4"
Dull Black .. 17/6 dozen.
" " " 1/8 each.
Armour Bright .. 21/- dozen.
" " " 1/10 each.



No. PHQ 6865
Plate 10" x 2" Handle 5"
Dull Black .. 28/- dozen.
" " " 2/6 each.
Armour Bright .. 36/9 dozen.
" " " 3/3 each.

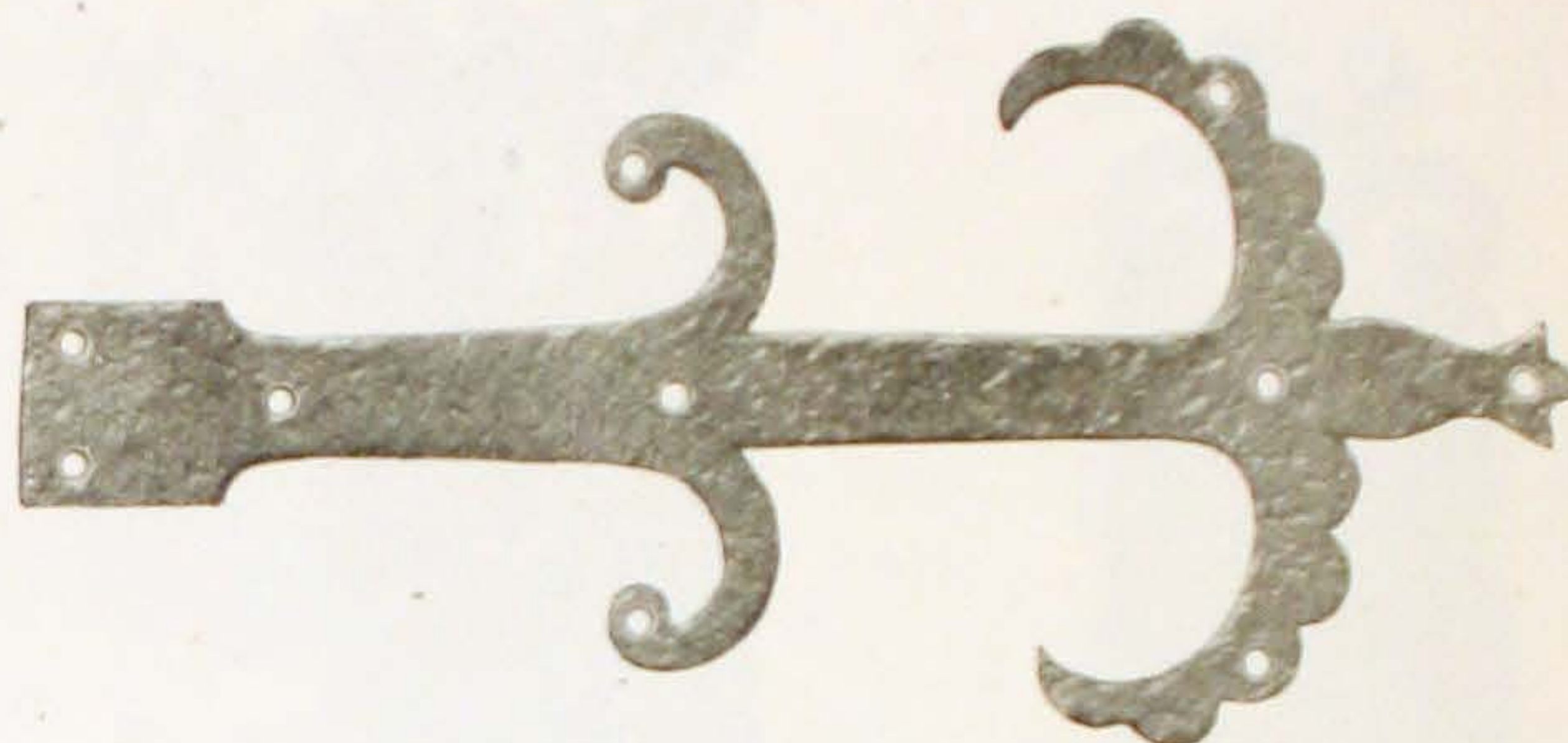
Antique Hinge Fronts, Door Nails and Screws



No. PHQ 6872

Size 18" x 4"

Dull Black ... 5/3 pair.
 Armour Bright ... 6/3 "



No. PHQ 6873

Size 15" x 6 1/2"

Dull Black ... 5/3 pair.
 Armour Bright ... 6/3 "



No. PHQ 6874

Size 18" x 4 1/2"

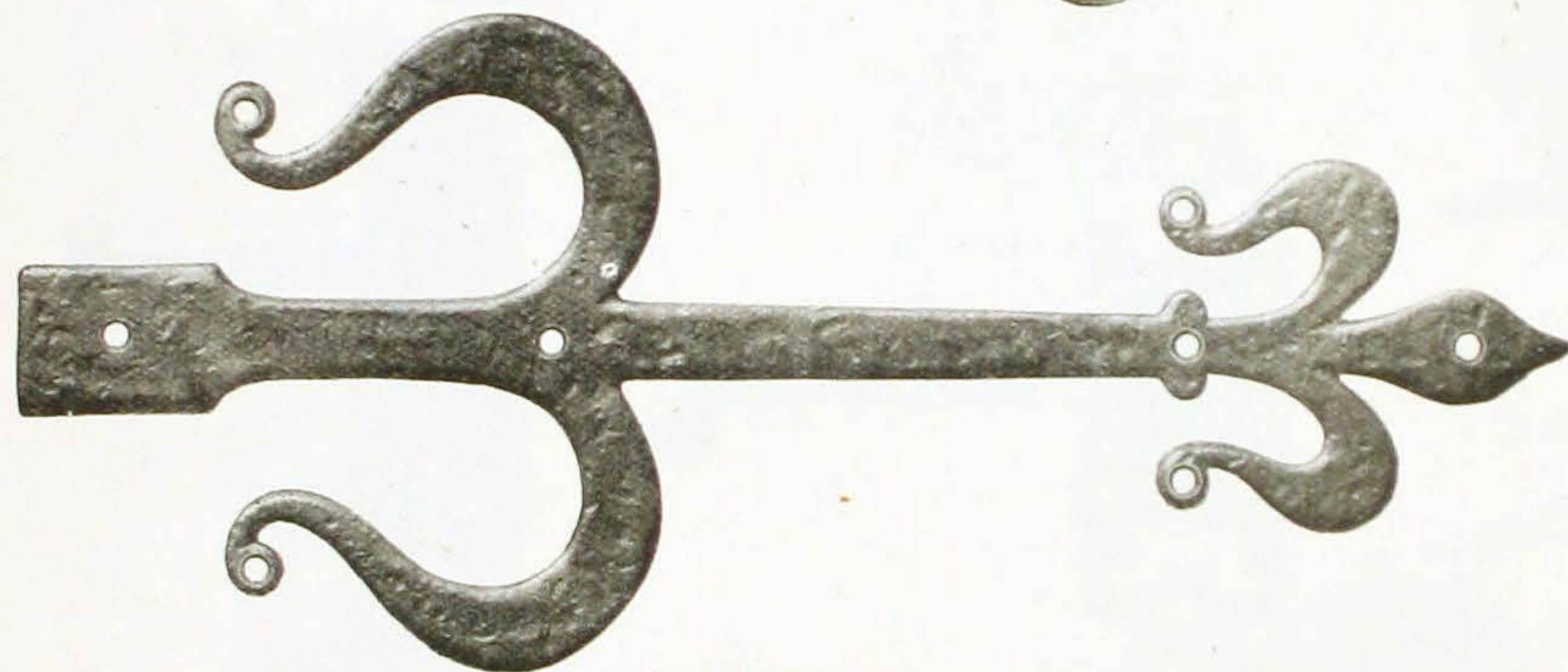
Dull Black ... 5/3 pair.
 Armour Bright ... 6/3 "



No. PHQ 6875

Size 21" x 5 3/4"

Dull Black ... 7/- pair.
 Armour Bright ... 8/- "



No. PHQ 6876

Size 20" x 8 1/2"

Dull Black ... 8/9 pair.
 Armour Bright ... 9/9 "



No. PHQ 6877

gross. dozen.

Dull Black ... 24/6 2/3
 Armour Bright ... 28/- 2/6



No. PHQ 6878

gross. dozen.

Dull Black ... 21/- 1/10
 Armour Bright ... 24/6 2/3

Door Nails and Screws



No. PHQ 6879

Berlin Black.

21/- gross, 1/10 dozen.



No. PHQ 6171

Berlin Black.

21/- gross, 1/10 dozen.



No. PHQ 6172

Berlin Black.

24/6 gross, 2/3 dozen.



No. PHQ 6173

Berlin Black.

21/- gross, 1/10 dozen



No. PHQ 6880

Berlin Black.

24/6 gross, 2/3 dozen.



No. PHQ 6881

Shank, 1" x 1/4"

24/6 gross, 2/3 dozen.



No. PHQ 8250



No. PHQ 8251

Both Same Price.

	With 1/2" Head.	With 3/4" Head.
	gross. dozen.	gross. dozen.
3/4"	13/2 1/3	17/- 1/7
1"	14/6 1/4	19/8 1/9
1 1/4"	17/- 1/7	22/4 2/-
1 1/2"	18/6 1/8	23/9 2/2

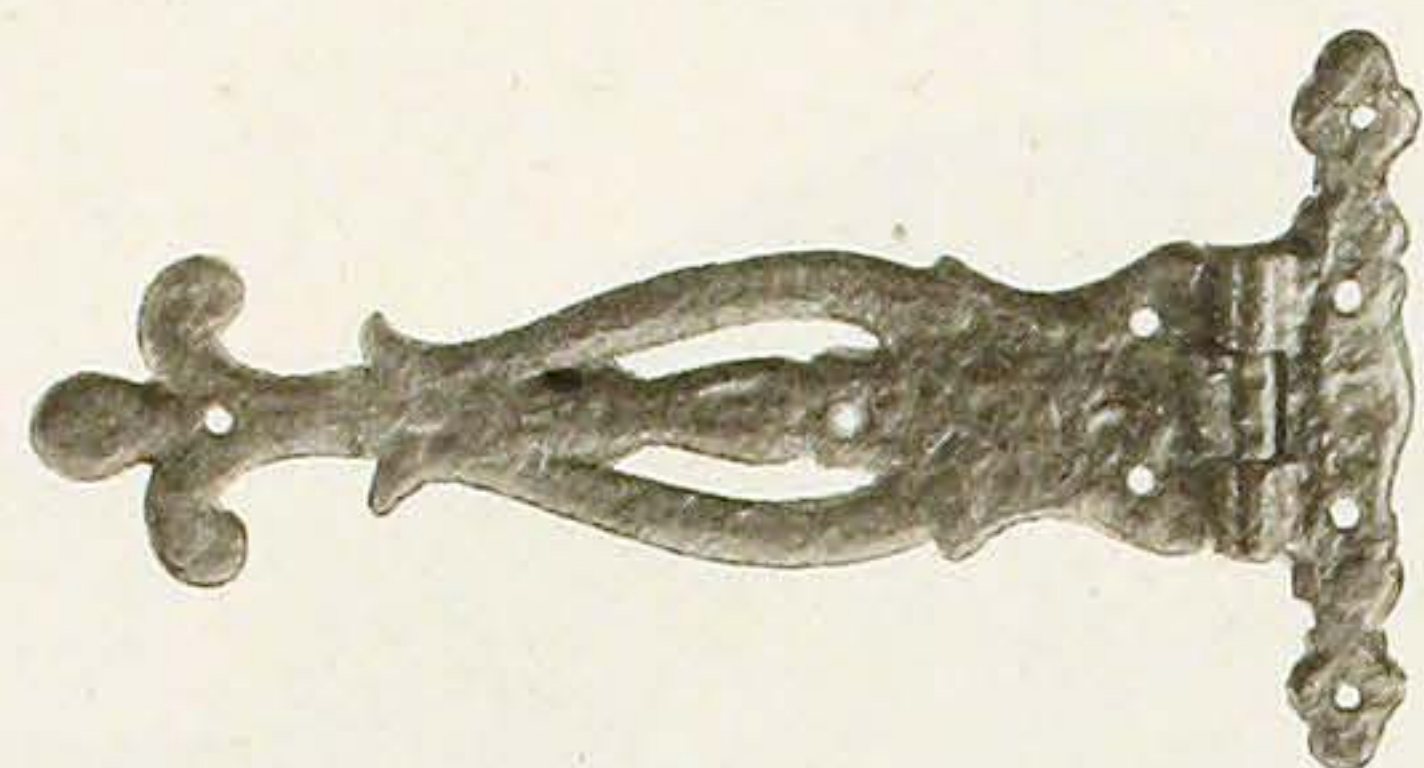


No. PHQ 6170

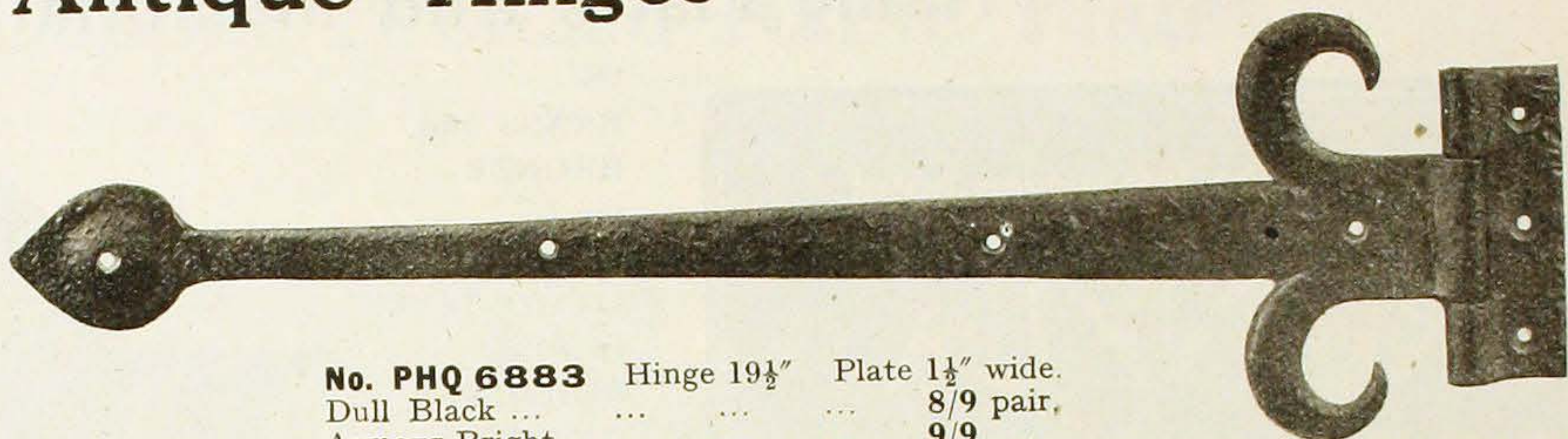
Head. Screw. gross. doz.

Head.	Screw.	gross.	doz.
3/4"	1"	22/-	2/-
1"	1 1/4"	23/9	2/2
1 1/4"	1 1/2"	29/-	2/6
1 1/2"	1 3/4"	32/6	2/10

Antique Hinges



No. PHQ 6882
Hinge, 7 $\frac{1}{4}$ " Plate 1" wide.
Dull Black ... 3/6 pair.
Armour Bright ... 4/2 "



No. PHQ 6883 Hinge 19 $\frac{1}{2}$ " Plate 1 $\frac{1}{2}$ " wide.
Dull Black ... 8/9 pair.
Armour Bright ... 9/9 "



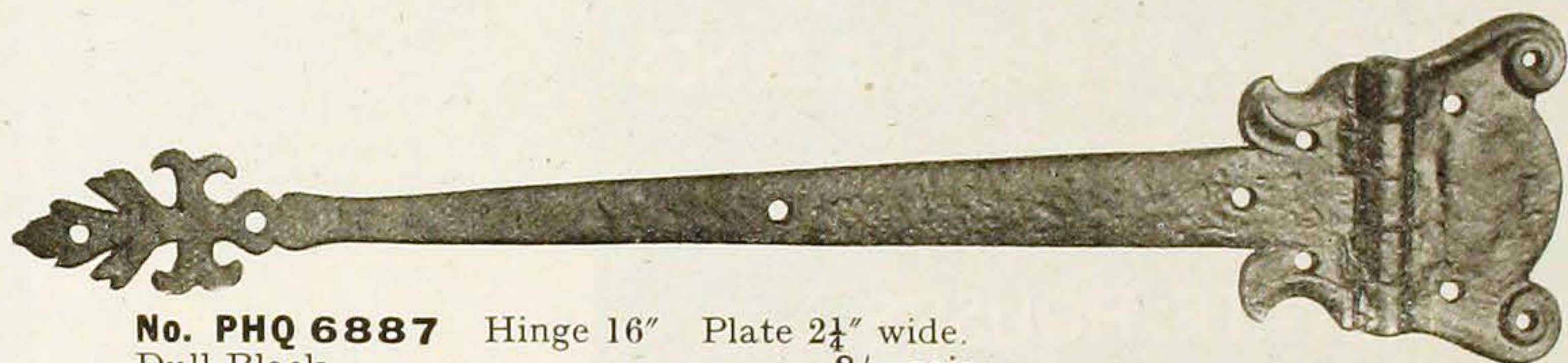
No. PHQ 6884
Hinge 5"
Dull Black ... 2/8 pair.
Armour Bright ... 3/2 "



No. PHQ 6885 Hinge 17 $\frac{1}{4}$ " Plate 2 $\frac{1}{4}$ " wide.
Dull Black ... 8/4 pair.
Armour Bright ... 9/8 "



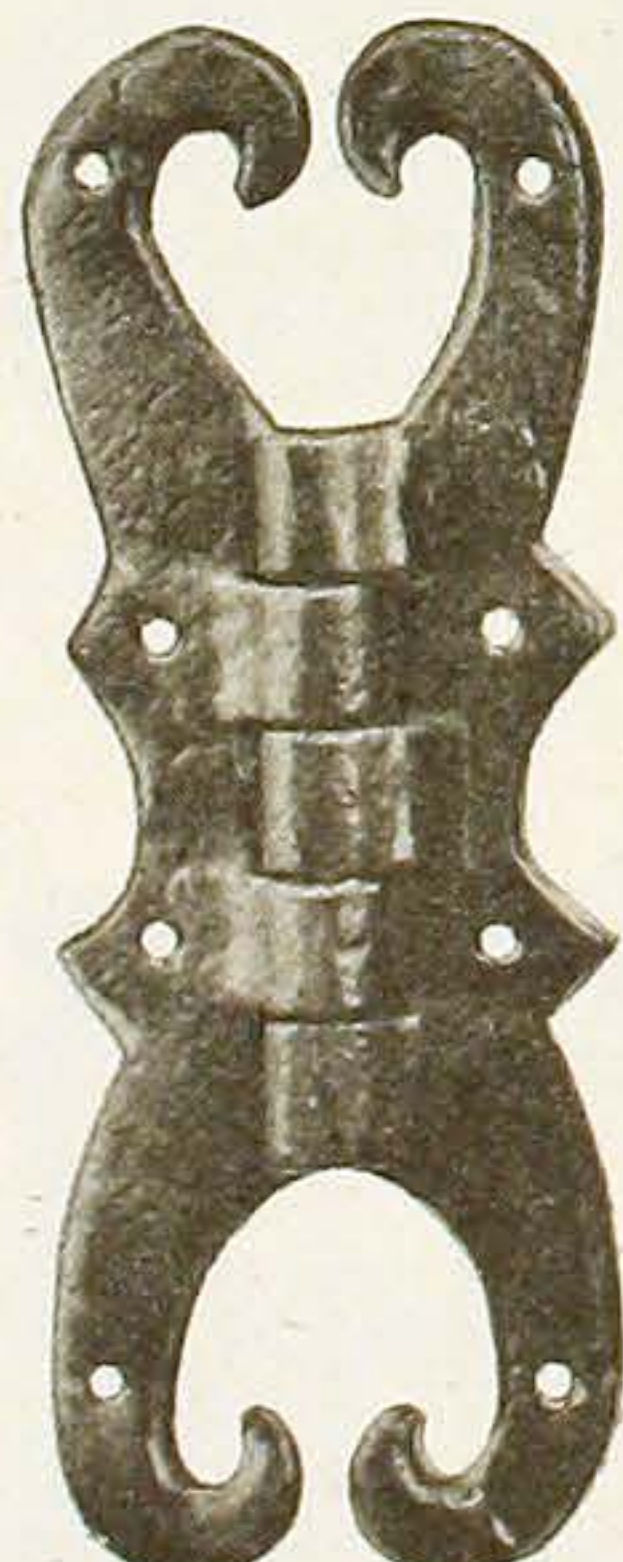
No. PHQ 6886
Hinge 10" Plate 2 $\frac{1}{4}$ " wide.
Dull Black ... 3/6 pair.
Armour Bright ... 4/2 "



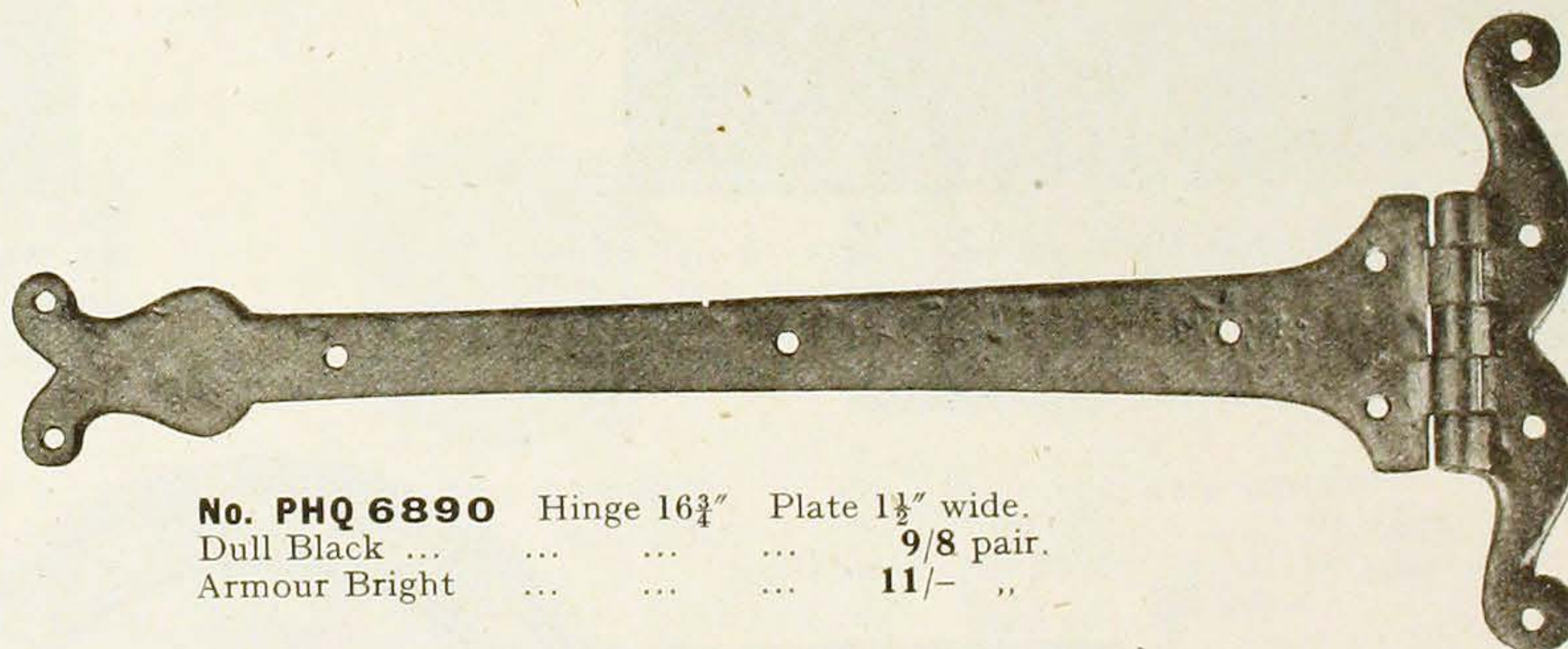
No. PHQ 6887 Hinge 16" Plate 2 $\frac{1}{4}$ " wide.
Dull Black ... 8/- pair.
Armour Bright ... 9/3 "



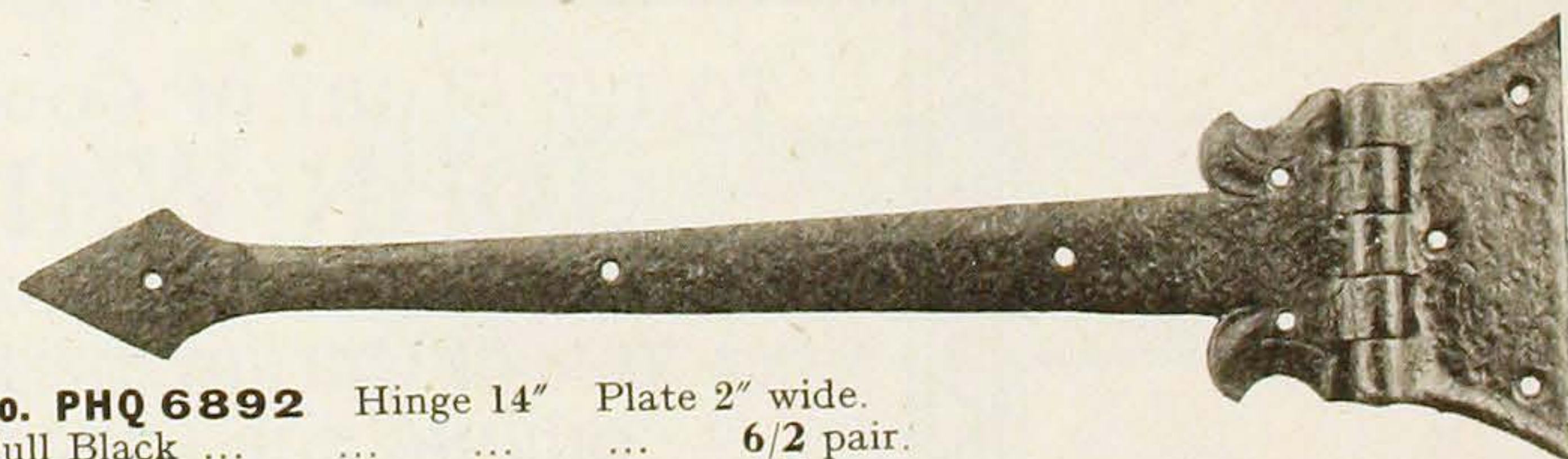
No. PHQ 6888
pair.
Dull Black ... 4/2
Armour Bright ... 4/8



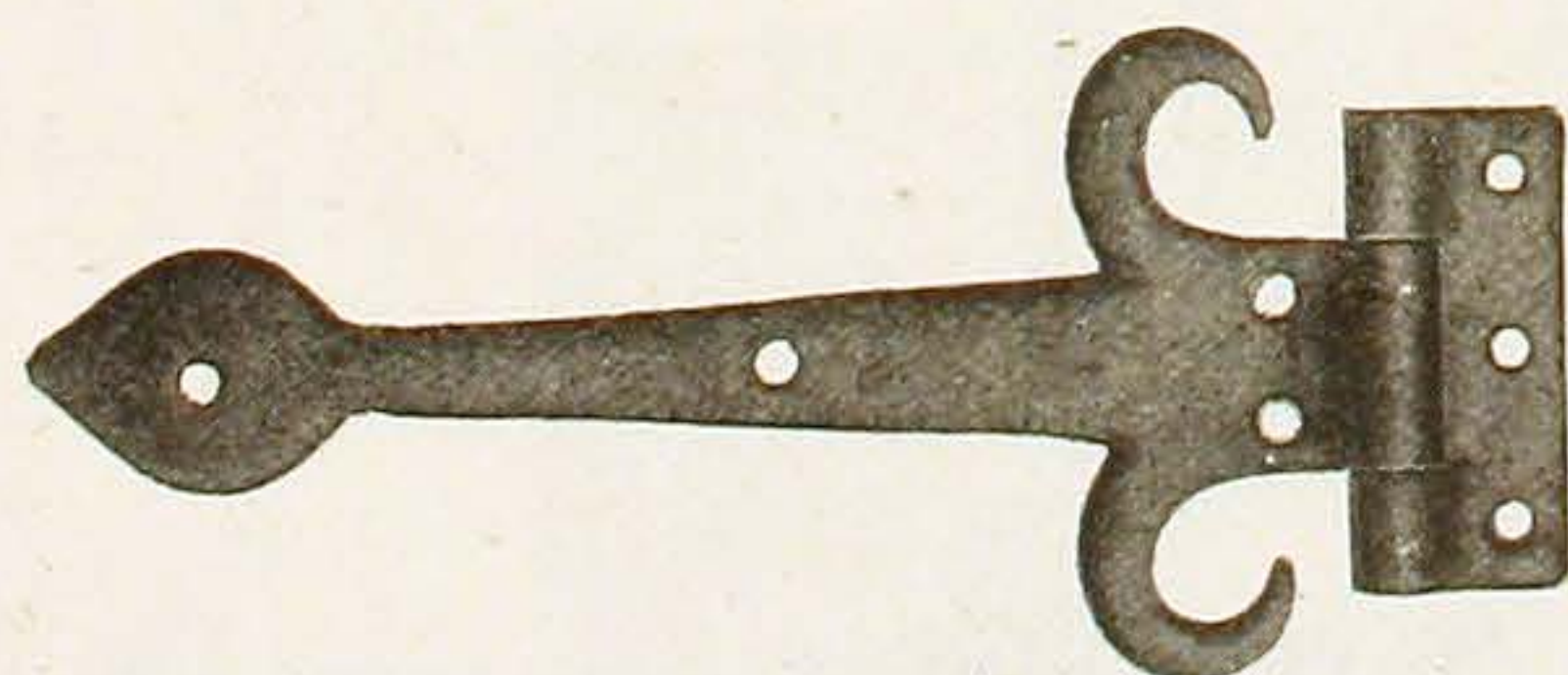
No. PHQ 6889
Size 6 $\frac{3}{4}$ " pair.
Dull Black ... 4/-
Armour Bright ... 4/4



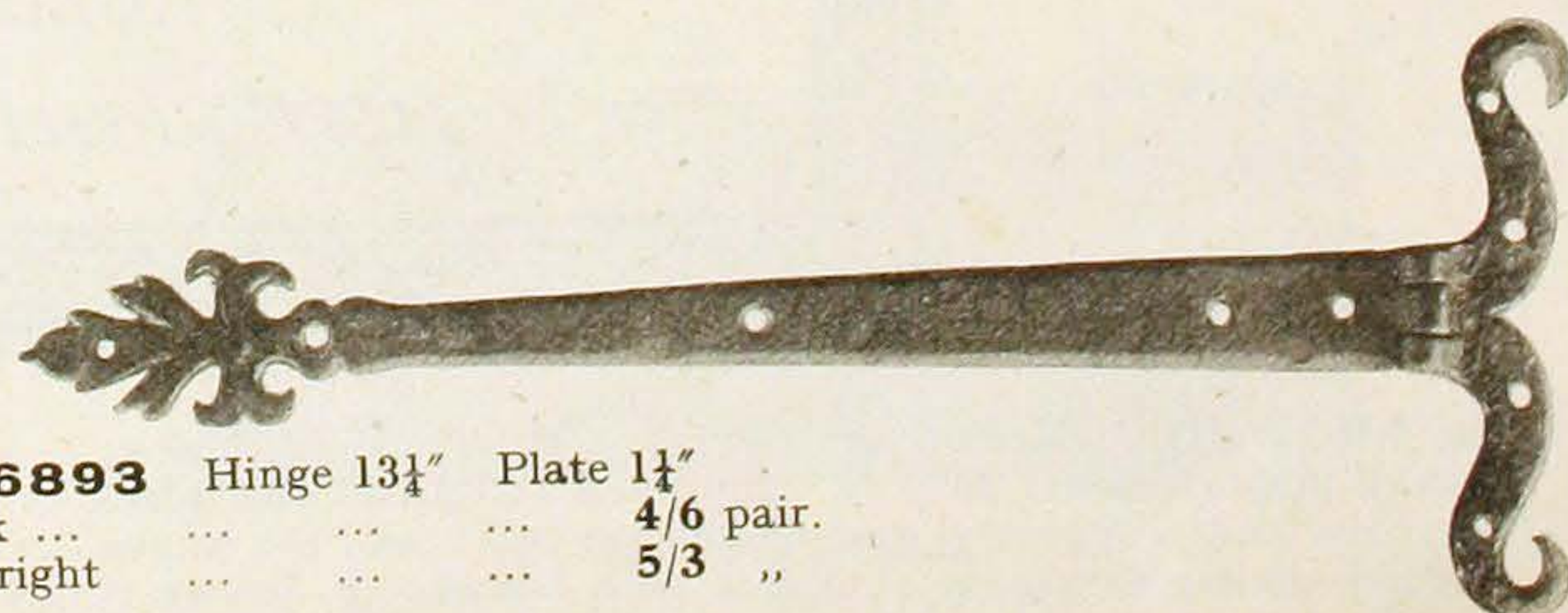
No. PHQ 6890 Hinge 16 $\frac{1}{4}$ " Plate 1 $\frac{1}{2}$ " wide.
Dull Black ... 9/8 pair.
Armour Bright ... 11/- "



No. PHQ 6892 Hinge 14" Plate 2" wide.
Dull Black ... 6/2 pair.
Armour Bright ... 6/8 "



No. PHQ 6891 Size 9"
Dull Black ... 3/6 pair.
Armour Bright ... 4/6 "



No. PHQ 6893 Hinge 13 $\frac{1}{4}$ " Plate 1 $\frac{1}{4}$ " wide.
Dull Black ... 4/6 pair.
Armour Bright ... 5/3 "

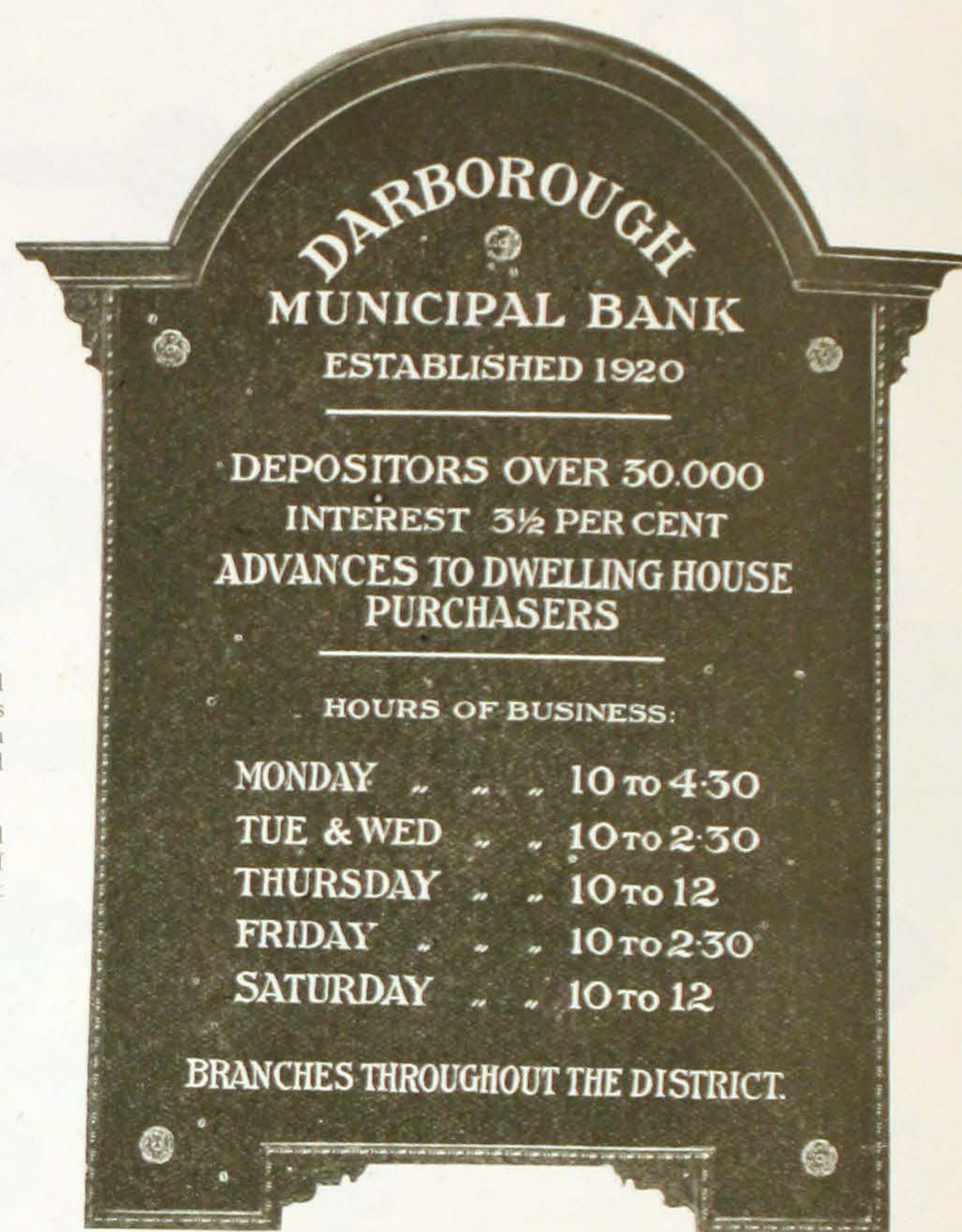
Name Plates and Memorial Tablets



IN
BRASS and
BRONZE
for
WAR
MEMORIALS,
PUBLIC
BUILDINGS,
OFFICES,
HOUSES, &c.

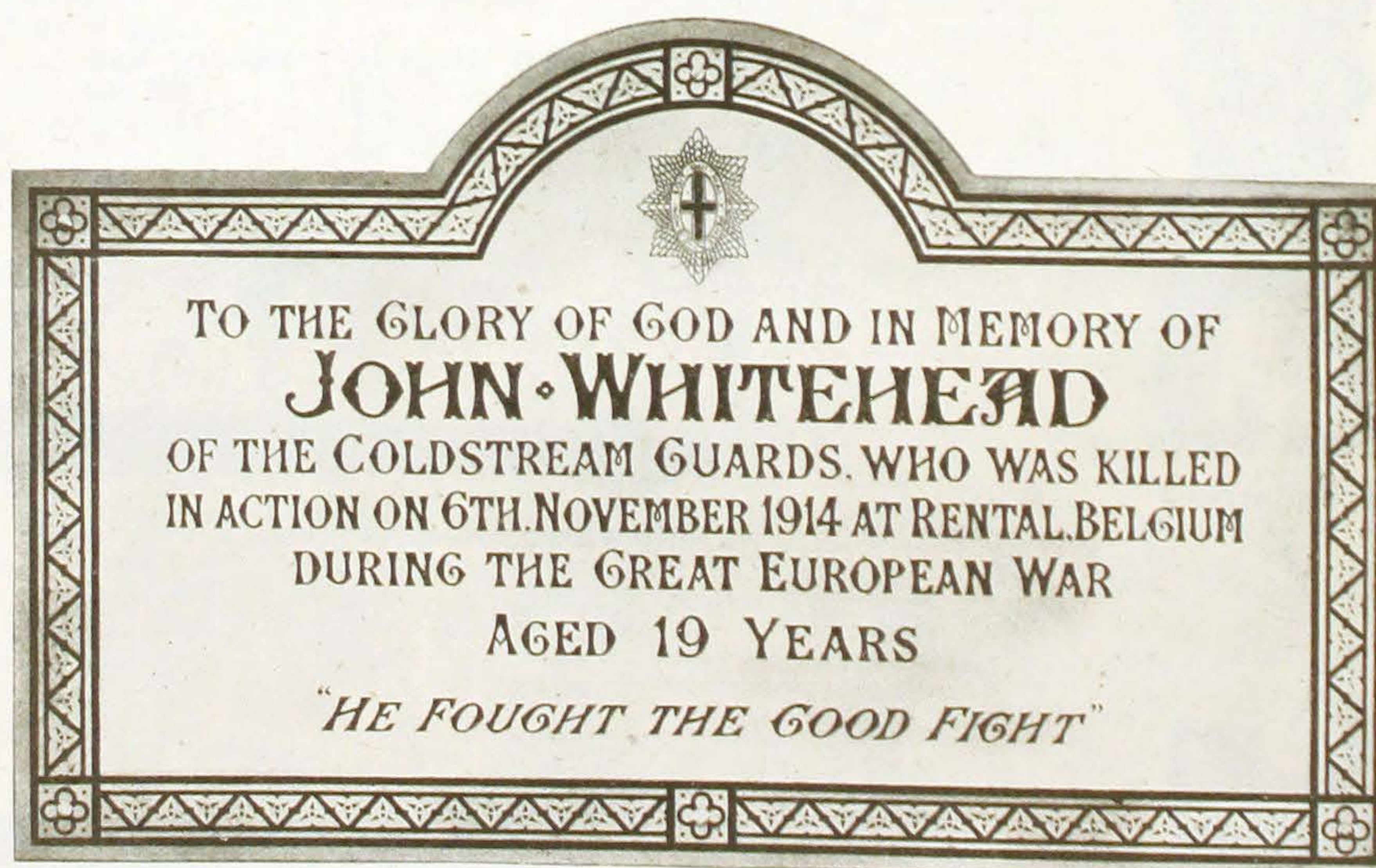
We shall be pleased to submit sketches and estimates upon receipt of detailed requirements.

Prices quoted will give an idea of approximate cost for similar plates.



No. PHO 3901 Bronze Plate, 36" x 24" engraved and filled with cream enamel as illustrated, approximately the same amount of wording as above, complete with 3/4" Bronze Moulding and Fixing Screws. £19 5 0

No. PHO 3902 Bronze Tablet as illustrated, overall measurements 36" x 24" with lettering in cream enamel, worded similar to above, with Cast Bronze Mouldings and Tudor Rosette Fixing Screws. £33 5 0



No. PHO 3903 Brass Memorial Tablet as illustrated, overall measurements 36" x 18", engraved and filled with black wax, the badge engraved and filled with black and red waxes, worded similar to above, complete with six Fixing Screws to pass through border, £16 12 6

No. PHO 3904 As No. PHO 3903 but in Bronze and with, lettering and border in cream Vitreous Enamel, or any other suitable colour, £24 10 0

Repoussé Copper Bronzed Name Plates

BEATEN COPPER NAME PLATES MADE IN ANY NAME AND SIZE.



No. PHO 9933

12" x 5" ... 15/9 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
6/2 extra.



No. PHO 9934

12" x 4" ... 26/3 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
7/- extra.



No. PHO 9931

12" x 4" ... 10/6 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
5/3 extra.



No. PHO 9935

12" x 5" ... 22/9 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
6/2 extra.



No. PHO 9930

12" x 4" ... 14/- each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
6/2 extra.



No. PHO 9932

12" x 4" ... 22/9 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
5/3 extra.



No. PHO 9936

12" x 3 1/2" ... 8/9 each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
5/3 extra.



No. PHO 9938

4" x 3" ... 4/5 each.



No. PHO 9939

4" x 4" ... 6/2 each.



No. PHO 9937

10" x 3" ... 7/- each.
Fumed Oak Mount, Bolts, Nuts and Backstrap,
3/6 extra.

Carved Oak Name Plates



No. PHO 9940

15" x 4 1/2" ... 14/4 each.



No. PHO 9942

12" x 5 1/2" ... 8/6 each.



No. PHO 9941

15" x 4" ... 10/10 each.



No. PHO 9943

15" x 5" ... 6/9 each.

Prices are
for any
Name
of not more
Letters
than
shown.

Extra
Letters
10d.
per letter.

Number and Name Plates, Loose Figures, etc.



No. PHO 7042

Bronze Pull or Push Plates.

Size 3" x 2" Engraved and filled with Opaque Enamel.

Price 4/- each, 3/6 each in dozen lots.



No. PHO 7043

Bronze Plate Engraved and Filled with Opaque Enamel. Style of lettering as above.
Bronze Metal ... 22/9 per square foot.

Size of Letter	1/4"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"
Price per Letter	5d.	8d.	11d.	1/-	1 1/2	1/7	1/11	2/3	2/8	3/-	3/5	3/10
Line Border	1/8" wide, 1/9 per foot extra.											
Bevel Edges	7d.											

See note in centre of page re colours.



No. PHO 7044

Brass Push or Pull Plates.

Engraved and filled with Black Wax.

Price 3/2 each, 2/8 each in dozen lots.



No. PHO 7045

Bronze Name Plate, suitable for Garden Gates, etc. Engraved and filled with Opaque Enamel. Style of Lettering as above.

Size 8" x 2"—8 Letters	...	...	...	...	10/6 each.
Additional Letters	...	...	...	...	1/4 each.

DOOR NUMBERS.



No. PHO 7046

Cast Bronze Figures.

Filled flush with Enamel.

Size 1 1/4" 2/2 each. Size 1 3/4" 1/9 each in dozens of one kind.



No. PHO 6012 Brass.

Brass—	1 1/2"	2"	2 1/2"	3"
	7/6	8/-	10/6	14/3 doz.
	9d.	10d.	1/-	1/4 each
B.M.A.—	9/3	10/3	13/3	17/6 doz.
	10d.	1/-	1/3	1/6 each

OPAQUE ENAMEL LETTERING

Prices cover practically any colour enamel.

Whilst Red Enamel Letters can be executed, this colour is not recommended for giving permanent satisfaction.



No. PHO 7047

Bronze Number Plates, engraved and filled with Opaque Enamel.
Size 2 1/2" x 2", 3/2 each.
Size 2 1/2" x 2", 2/8 each, in dozen lots of a sort.



No. PHO 6014
Engraved. Size 2 x 2"
No. of Figures—
1 2 3

Brass—	24/6	36/9	44/3 doz.
	2/3	3/3	3/9 each
B.M.A.—	27/-	39/3	46/9 doz.
	2/6	3/6	4/- each

STREET NAME PLATES.

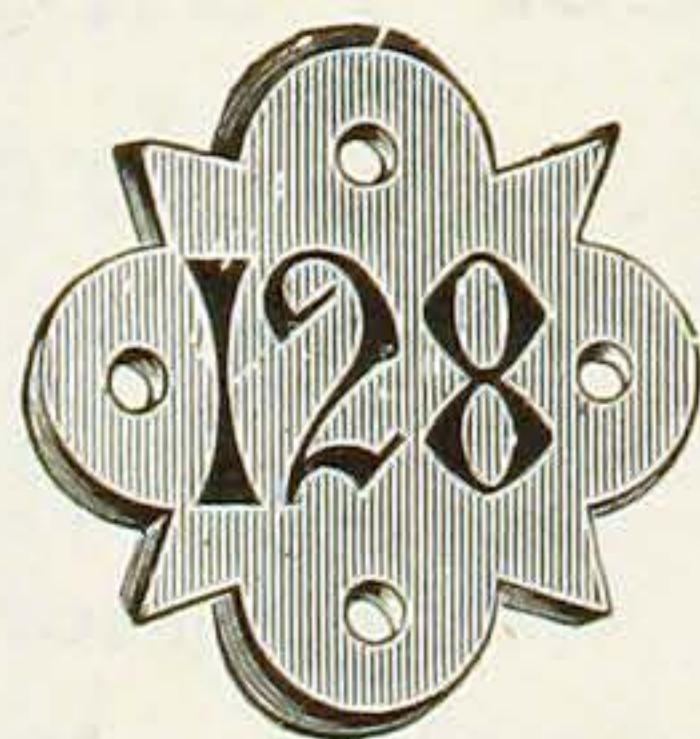


No. PHO 5334

Iron with Letters 3 1/2" deep.
Price 1/4 per letter.

Enamelled Letters 3 1/2" deep.
Price 1/- per letter.

Can be made with any name.



No. PHO 6013

Engraved.	Size 2" x 2"		
No. of Figures—	1	2	3
Brass—	22/3	33/3	41/9 doz.
	2/-	3/-	3/9 each
B.M.A.—	24/6	36/9	44/3 doz.
	2/3	3/3	3/9 each

DOOR NUMBERS.



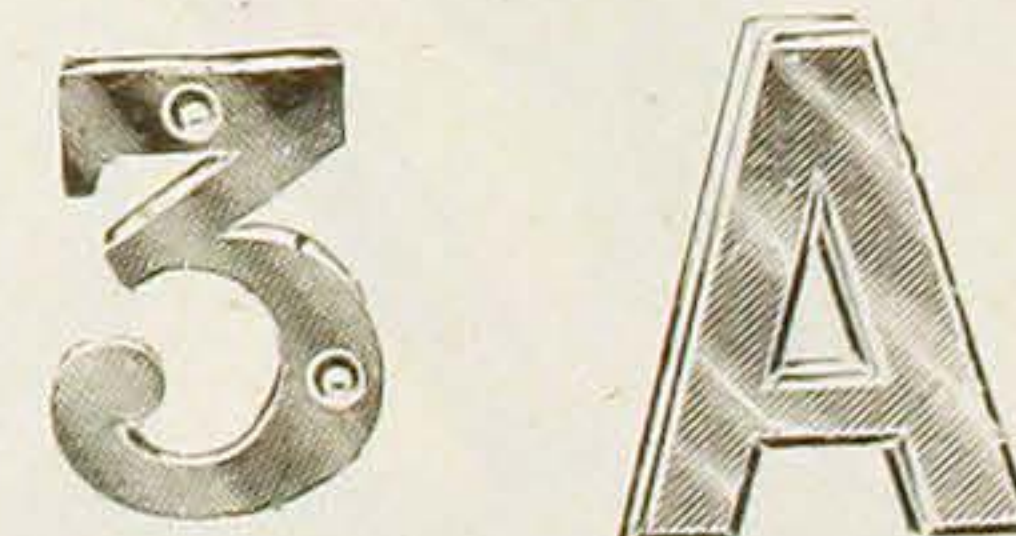
No. PHS 6423 Per gross.

No. of Figures on Plate	1	2	3
Size of Plate	3" x 2 1/8"	4" x 2 1/8"	4 1/2" x 3"
Japanned	28/6	46/-	65/8
Painted White Figures	32/10	52/6	78/9

Enamelled.

Per dozen.	3 1/8" x 2 1/8"	4" x 2 1/8"	5" x 3"
Blue, white letters	9/2	11/10	14/5
White, black letters	9/2	11/10	14/5

LOOSE FIGURES AND LETTERS.



No. PHS 7048

Size	1 1/2"	2"	2 1/2"
Japanned	13/2	15/4	22/- gross.
Painted White	19/3	24/2	30/8

BRASS AND BRONZE METAL.

Letters and Figures

POLISHED.

HALF FULL SIZE.

E

No. PHO 5959 Brass.

Supplied with Spikes or Screw
holes, 1 1/4" and 1 1/2"1 1/4" 1 1/2"
6/3 7/9 dozen.

B

No. PHO 5967 Brass.

Sent with Spikes unless other-
wise ordered.2", 2 1/2", 3 1/2", 4" and 5"
12/9 dozen.
14/6 "
20/2 "
33/1 "
44/11 "

P

No. PHO 5968 Brass.

Any size made, with and
without Spikes.2" 3/1 each.
2 1/2" 3/6 "
4" 5/- "
5" 8/- "
6" 8/9 "
7" 11/- "ALL KINDS—
ENAMELLED,
COPPER, GLASS
AND BRILLIANT
LETTERS;
GILT WOOD
LETTERS AND
SIGNS MADE AND
FIXED TO ORDER.

2 6

No. PHO 5971

No. PHO 5969 Brass.
With Spikes, 2", 2 1/2" and 3".
2" 8/11 dozen.
2 1/2" 10/1 "
3" 15/4 "Pol. Brass 7/- 8/- 8/9
C. B. & R. 8/- 8/9 10/-
B.M.A. 8/- 8/9 10/6
Ox. Silver on W.M. 13/2 15/- 17/6
dozen.

A

No. PHO 5976 4 1/2"

Brass 32/- per dozen.
Bronze Metal 37/2 "

g

No. PHO 5977 4 1/2"

Brass 32/- per dozen.
Bronze Metal 37/2 "

S

No. PHO 5978 5"

Brass 32/- per dozen.
Bronze Metal 37/2 "

R

No. PHO 5979 5" x 1/4"

Brass 68/6 per dozen.
With Screw Holes to Order.

Cast Iron Letters and Figures

L

LETTERS
&
3 4 6

No. PHO 9490

CAST IRON LETTERS AND FIGURES.

	2"	2 1/2"	3"	4"	6"	8"
Block	3/8	4/3	8/1	16/8	25/5	dozen.
Compressed	3/6	3/10	—	—	—	"
Block	10"	12"	15"	16"	18"	dozen.
Compressed	35/2	—	56/7	—	83/2	"
Ornamental	—	—	—	93/3	—	"

CAST IRON FIGURES.

3"	4/5	per dozen.
4"	8/2	"
6"	16/1	"

POINTER HANDS 16/10 per dozen.

BRANDS

No. PHO 9493

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & FIGURES

No. PHO 9491

STEEL NAME
PUNCHES

No. PHO 9492

Steel Punches and Wrought Iron Brands

No. PHO 9491 STEEL PUNCHES (as illustrated).

Letters	13/2	13/2	13/2	15/9	23/8	25/5	30/3	47/3	per set.
Figures	4/5	4/5	4/5	5/3	7/11	8/4	10/1	15/9	"

No. PHO 9492 STEEL PUNCHES (NAMES).

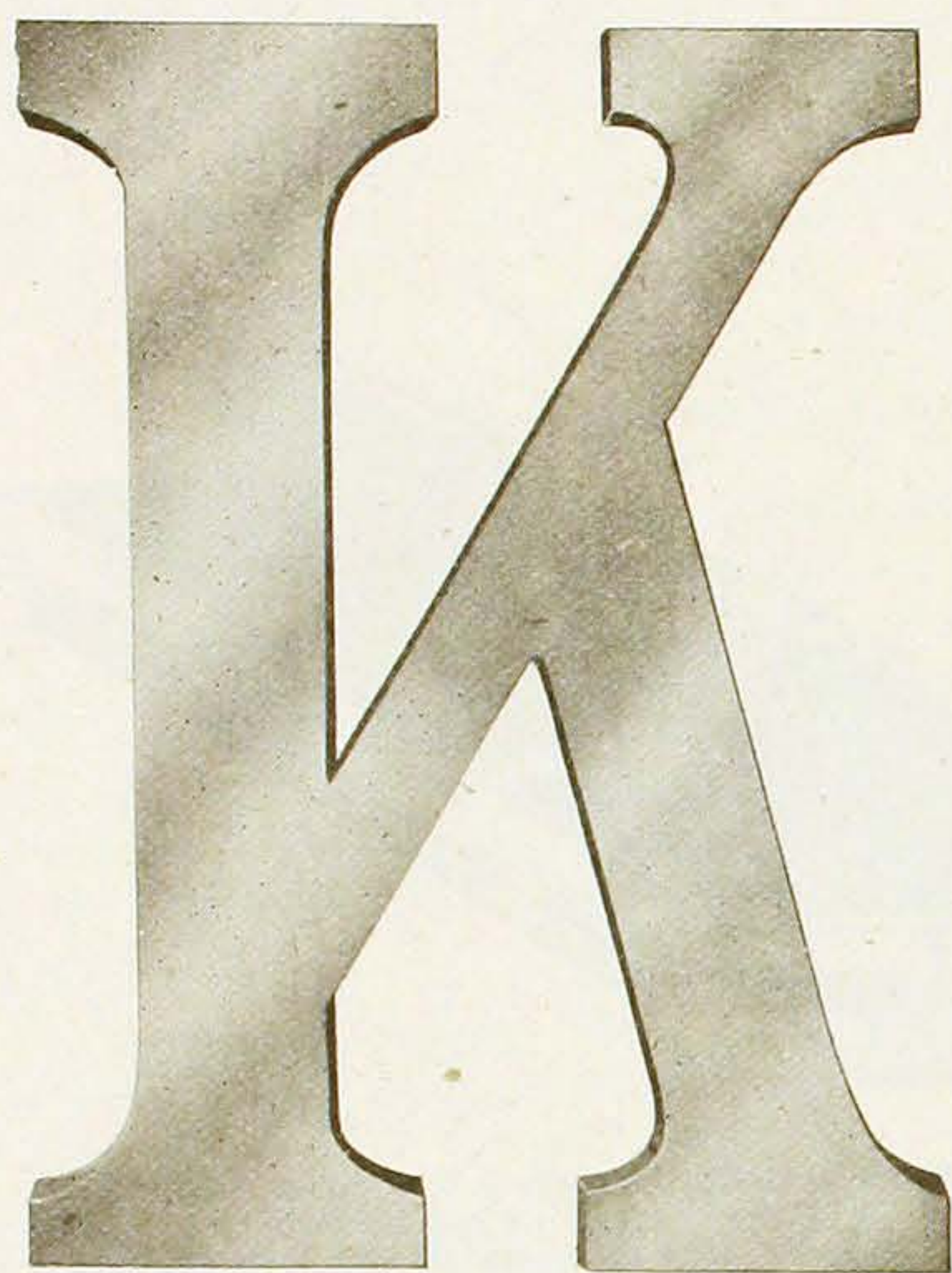
Single line of letters	6d.	6d.	8d.	1/1	1/4	1/6	1/9	letter.
Double line Punches. 25% extra on all Name Punches.								

No. PHO 9493 WROUGHT IRON BRANDS.

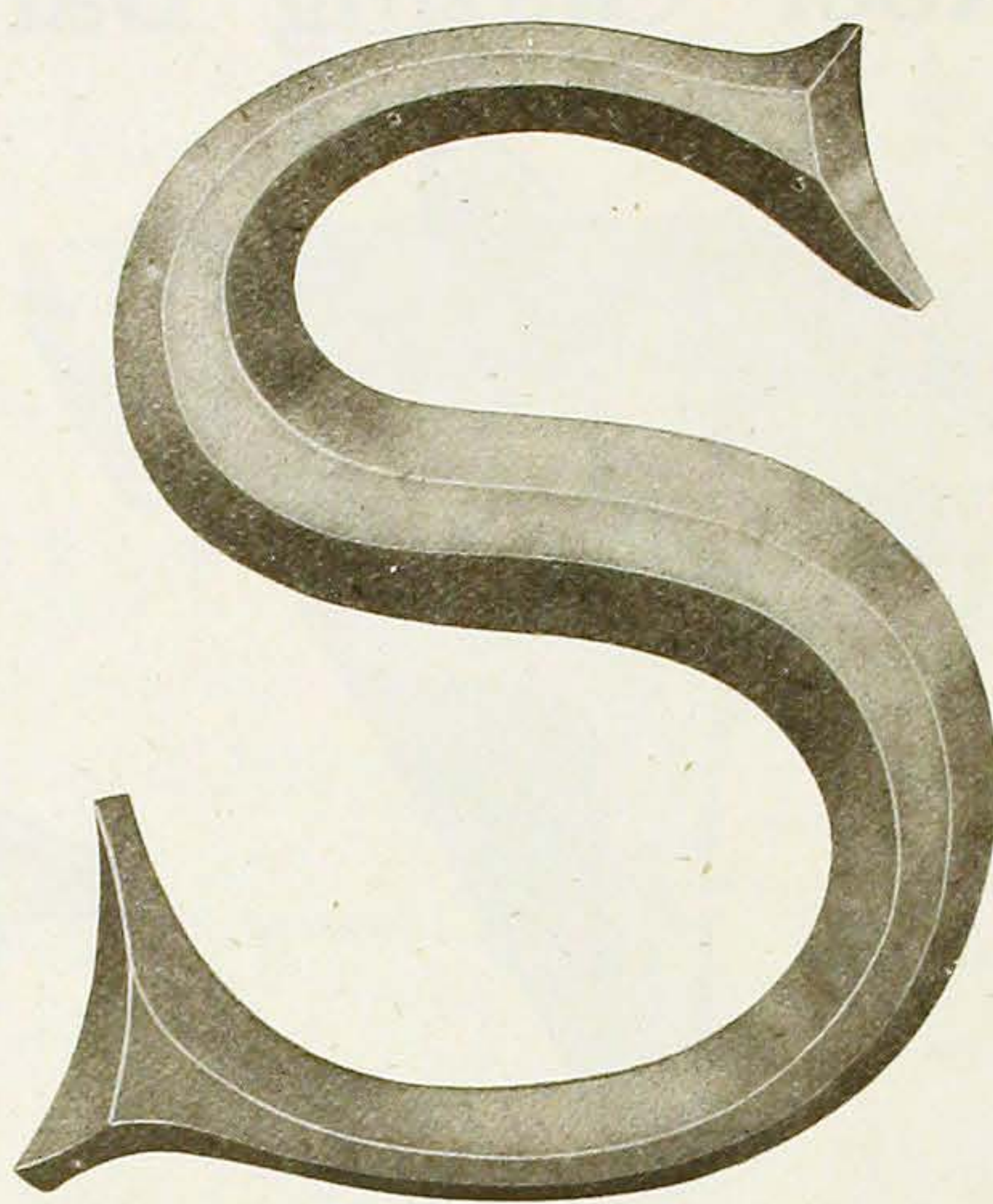
No. of Letters	1"	1 1/2"	2"	3"	4"	6"	8"
1	2/3	2/8	3/3	5/5	7/7	11/5	13/2
2	3/1	4/3	5/7	9/3	11/5	15/9	18/10
3	4/-	6/2	7/11	12/9	15/9	20/2	24/6
4	5/-	7/11	10/3	16/8	20/2	24/6	30/3
5	6/5	9/4	12/3	20/2	24/6	30/3	35/11
6	7/7	10/10	14/6	23/8	28/11	35/11	41/7
7	9/8	12/3	16/8	27/2	34/2	41/7	47/3
8	10/1	14/-	18/10	30/8	37/8	47/3	53/-
9	10/10	15/9	21/-	34/2	42/-	53/-	57/9
10	11/8	17/6	23/3	37/8	46/5	57/9	"

Gilded Wooden Letters

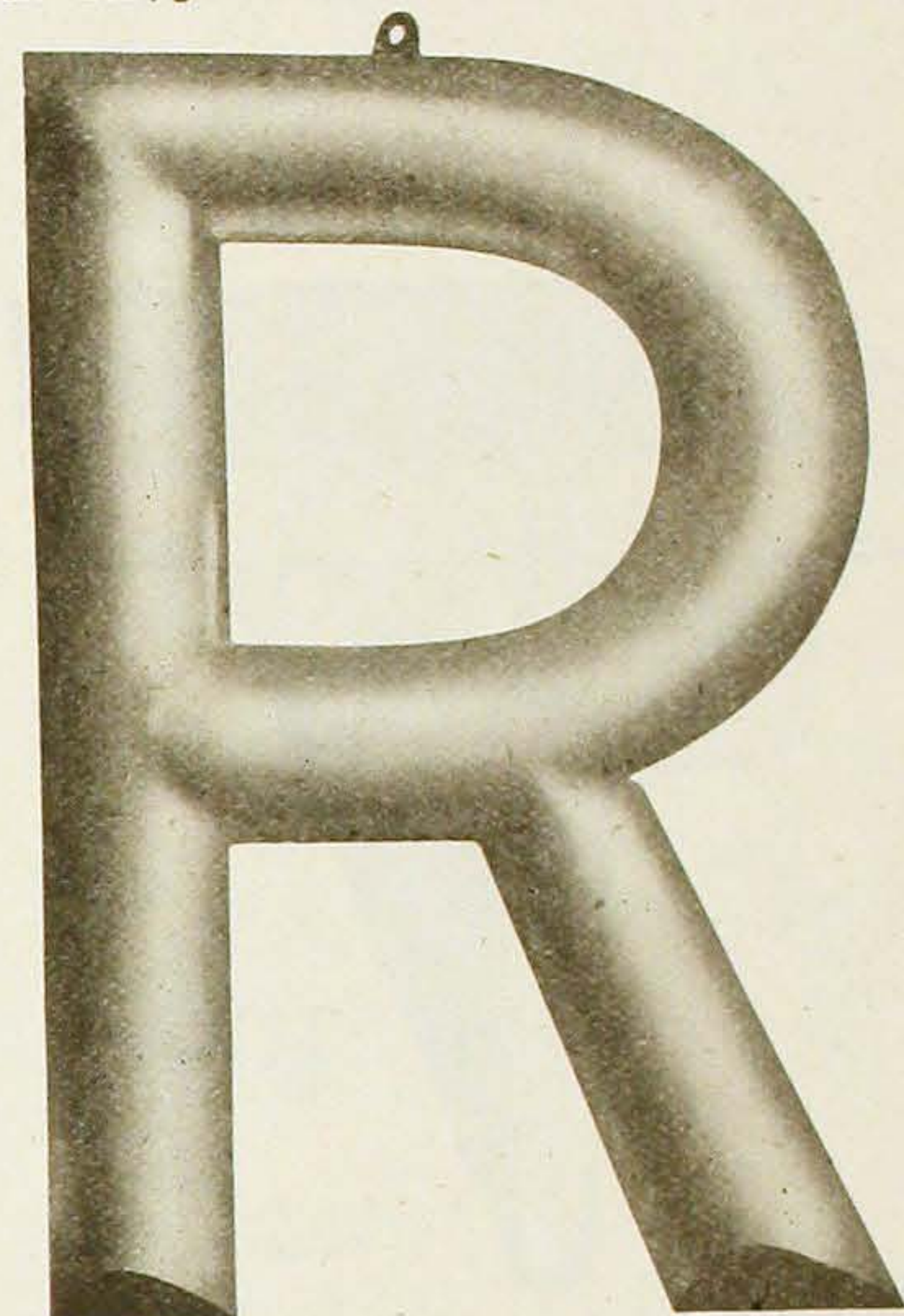
These Letters are all made of Best Selected Pine and Painted with 4 coats of Colour back and front and Gilded 23 carat English Gold Leaf, guaranteed.



No. PHO 9946 FLAT FACE HEAVY ROMAN.

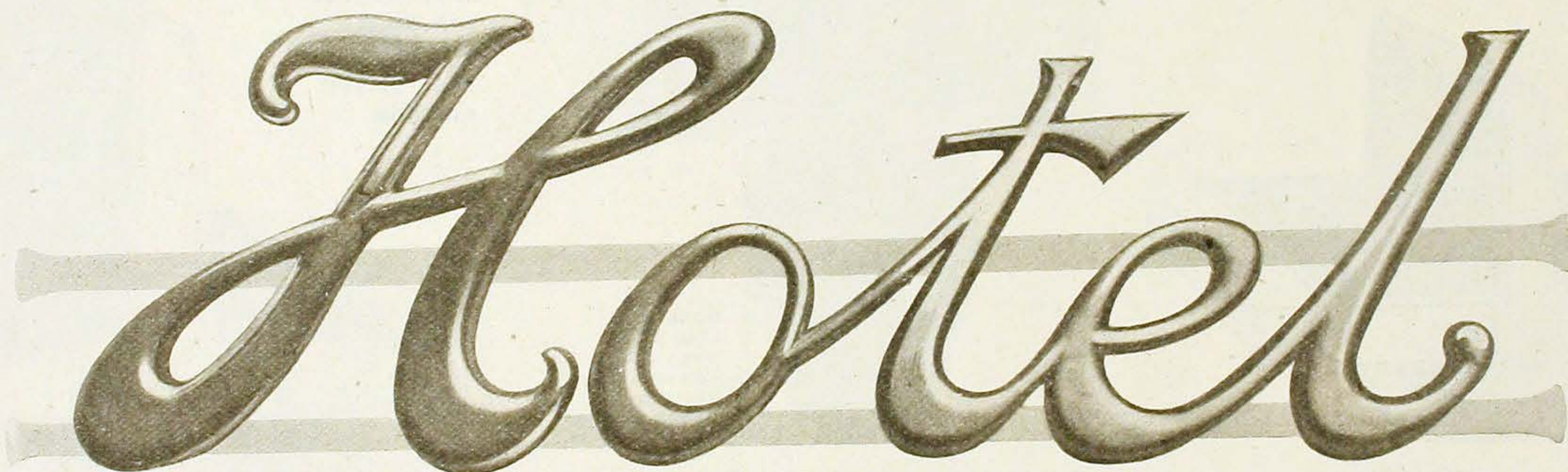


No. PHO 9947 BEVELLED.



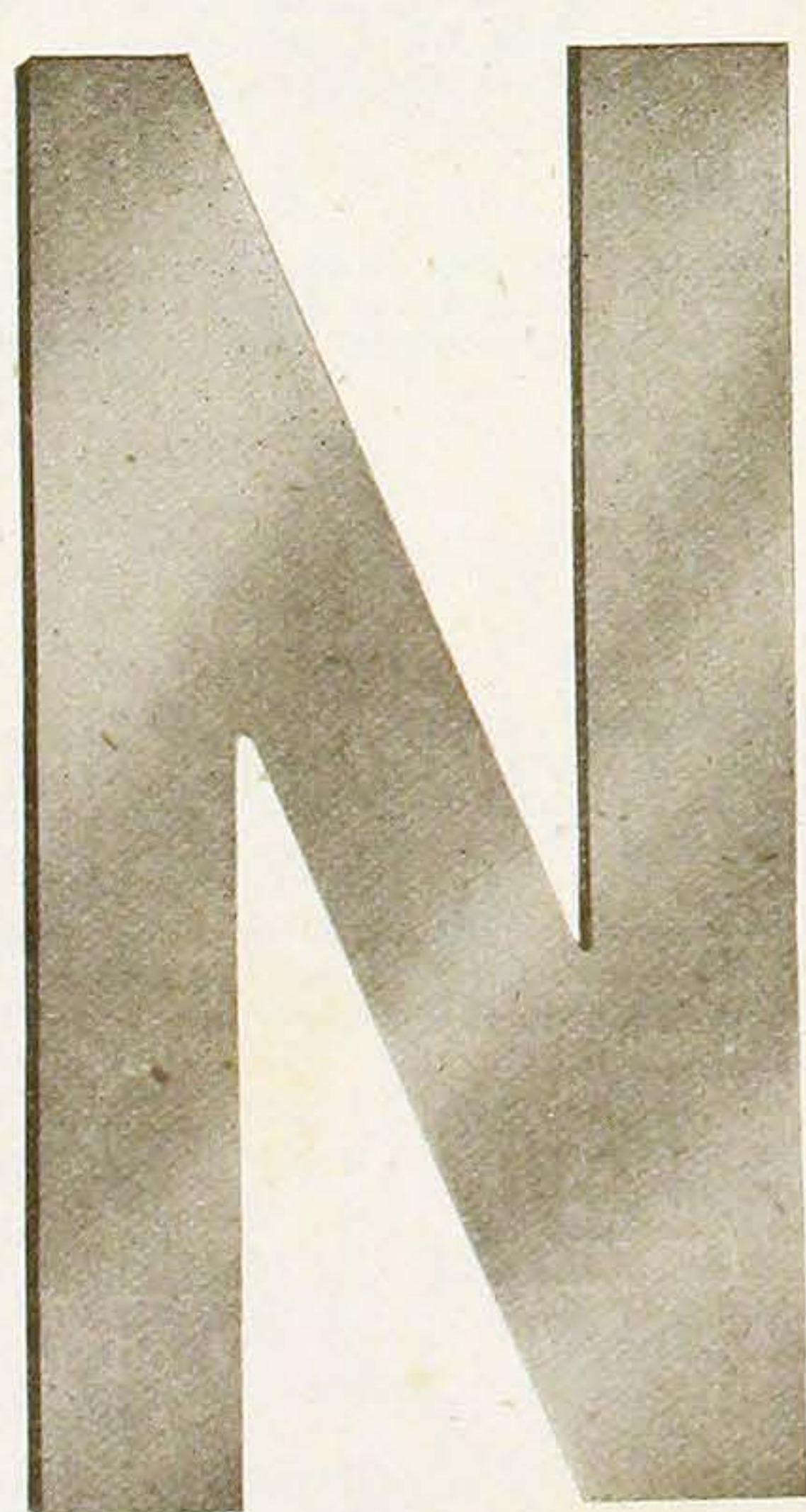
No. PHO 9948 HALF ROUND BLOCK LETTERS.

No. PHO 9946	Gilded Face, Coloured Edges	10d. per inch up to 24" high.
No. PHO 9946	Gilded Face and Edges	1/- " " 24" "
No. PHO 9947	Ornamental Letters, Gilded	1/- " " 24" "
No. PHO 9947	Block Type, Bevelled	10d. " " 24" "
No. PHO 9948	Gilded	9d. " " 24" " (Afterwards Special Quotations).



No. PHO 9949 Script Gilded Half round Wood Letters
Flat Face Script Letters (Coloured Edges)
Iron Rails drilled with holes to secure Letters to Bars

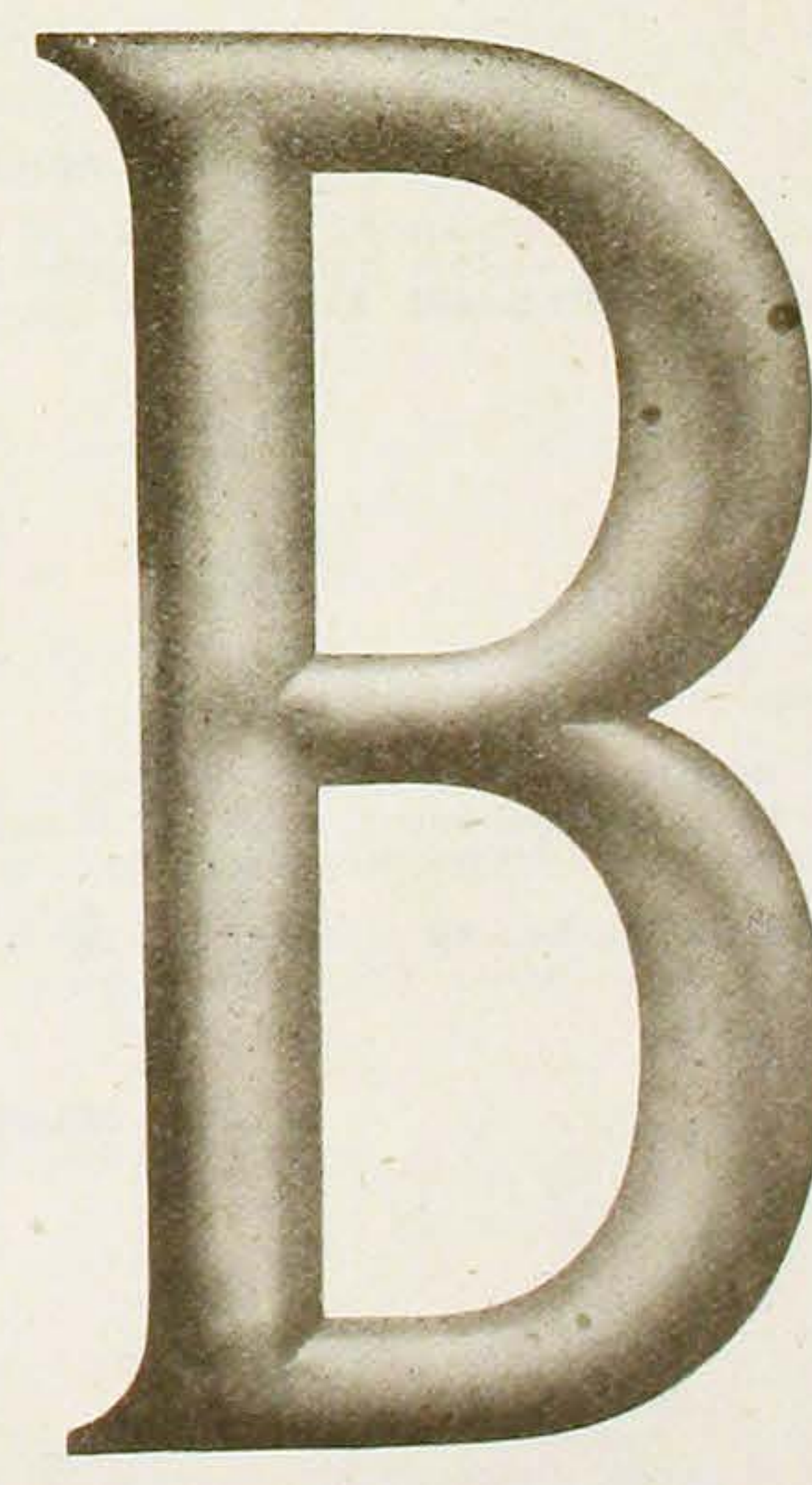
1/- per inch up to 24" high.
10d. " " 24" "
5d. per foot run, 1" x 1/2"



No. PHO 9950 FLAT FACE BLOCK TYPE.



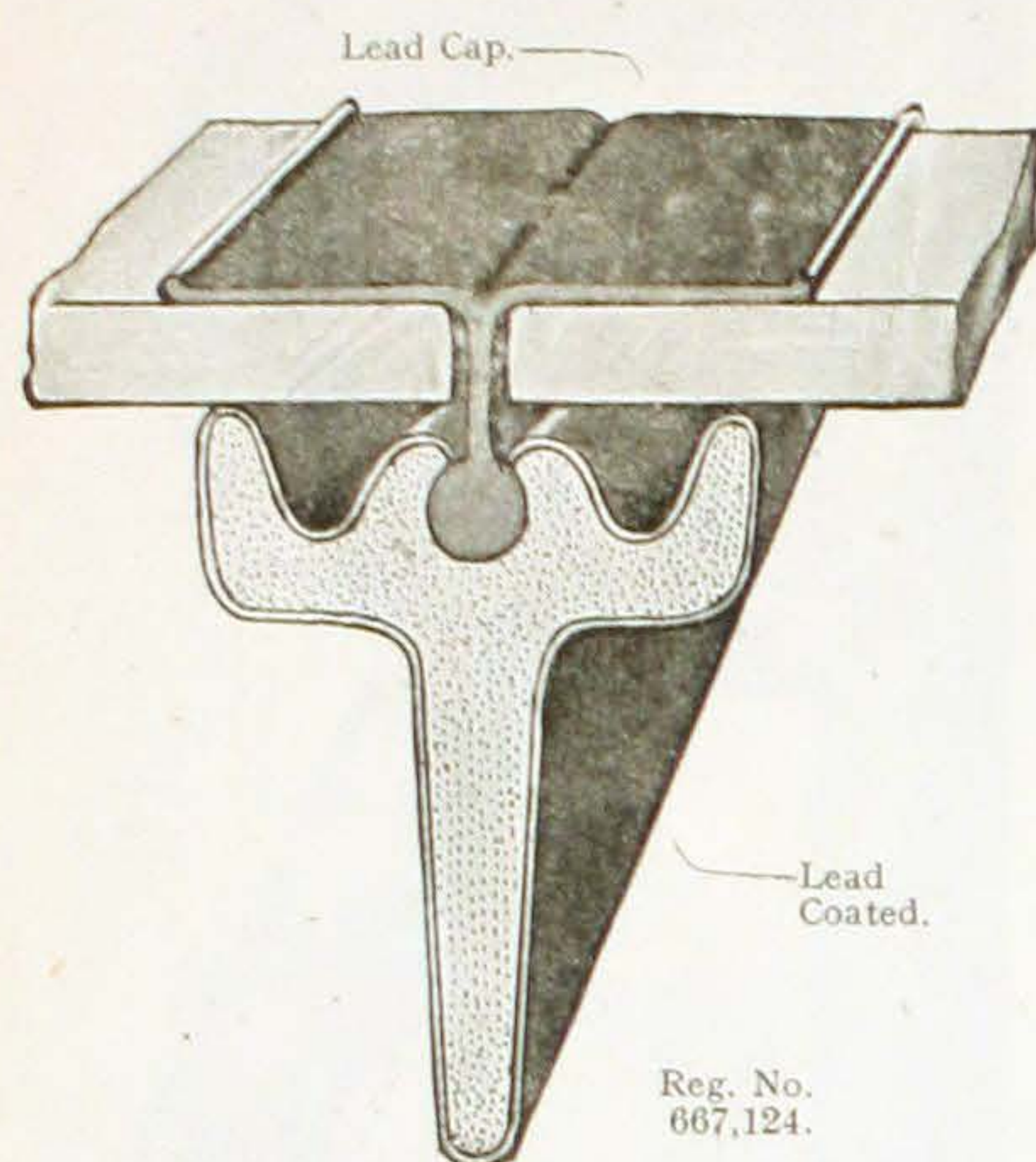
No. PHO 9951 ROMAN TYPE FLAT FACE.



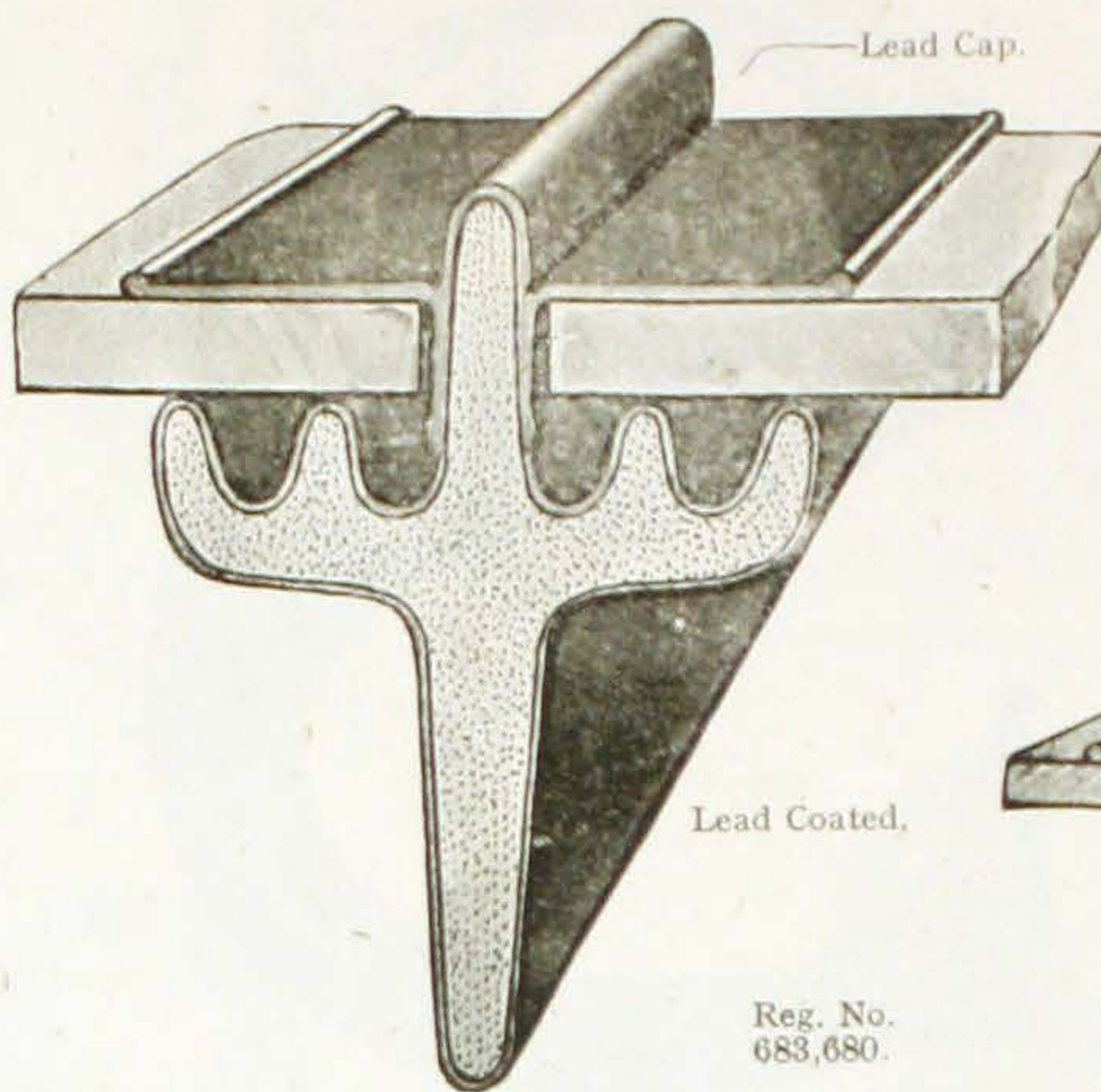
No. PHO 9952 HALF ROUND ORNAMENTAL TYPE

No. PHO 9950	Gilded Face, Coloured Edges and Varnished	8d. per inch up to 24" high.
No. PHO 9950	Gilded Face and Edges	9d. " " 24" "
No. PHO 9951	Gilded Face, Coloured Edges and Varnished	9d. " " 24" "
No. PHO 9951	Gilded Face and Edges	10d. " " 24" "
No. PHO 9952	Gilded	1/- " " 24" "

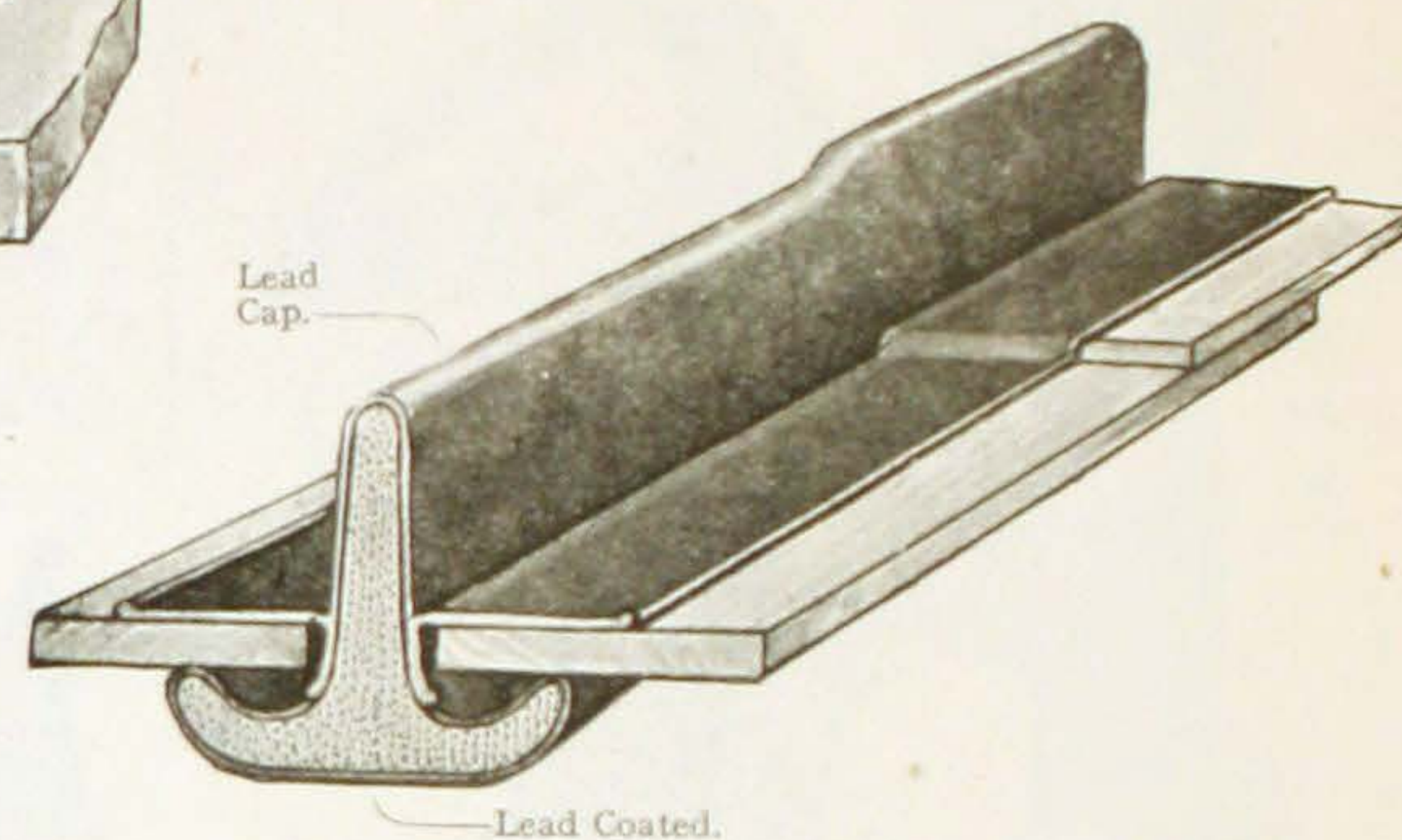
Roof Glazing Bars



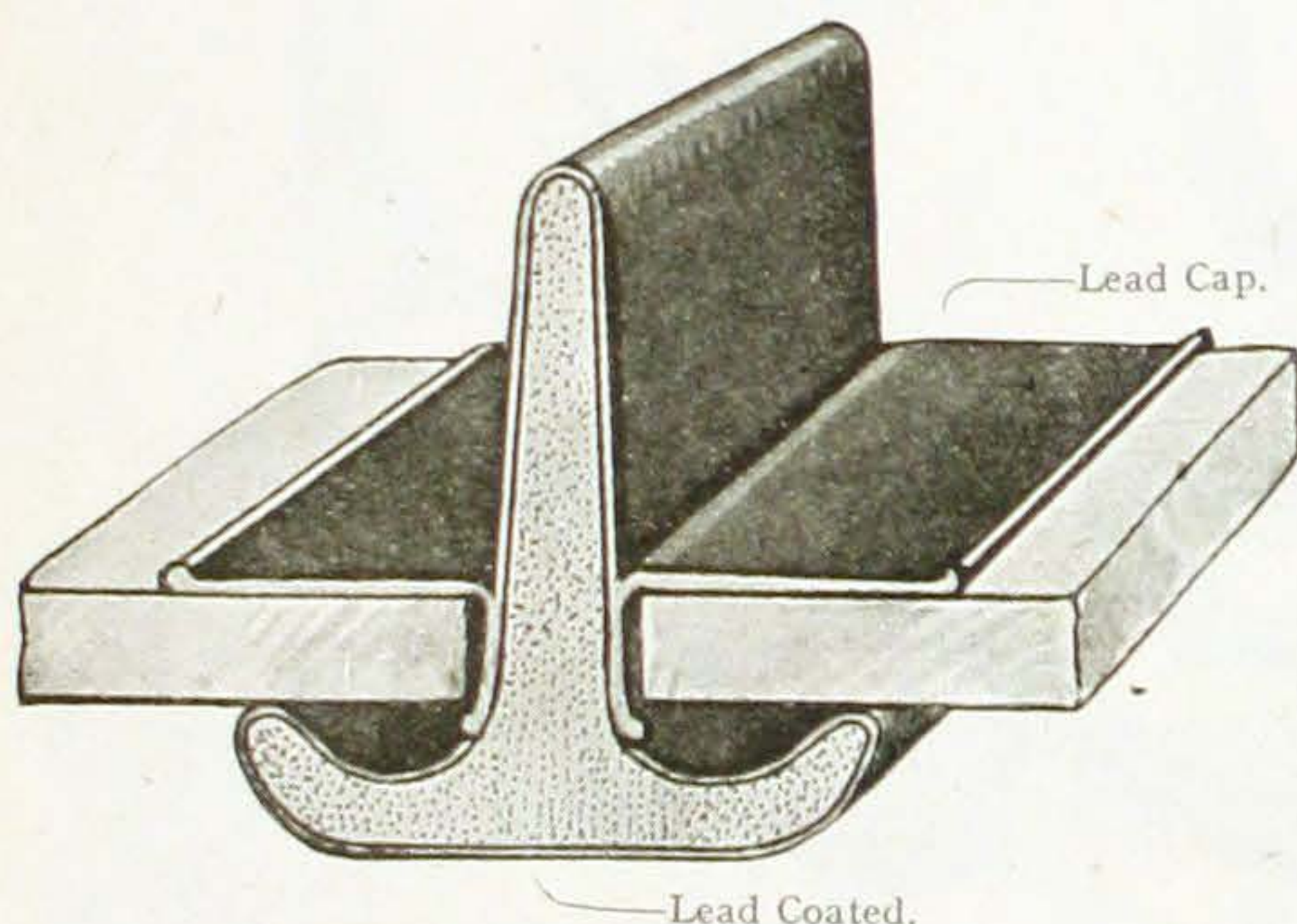
No. PHO 6540 Bar, suitable for lengths up to 8' 0"
Price 2/2 per foot lineal. 1/4" Cast Glass extra (see below).



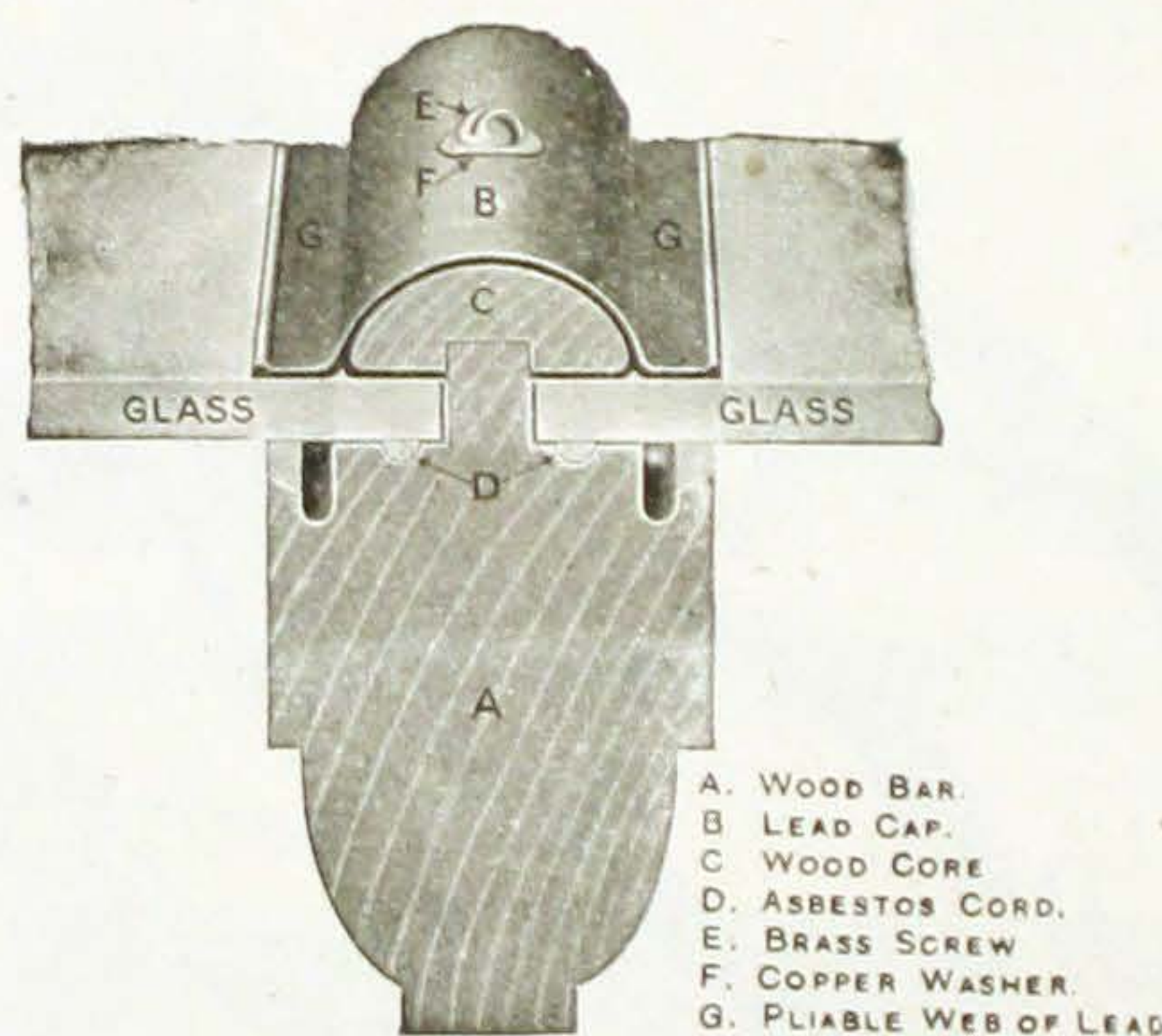
No. PHO 6541 Bar, suitable for lengths from 8' to 10'.
Price 2/3 per foot lineal. 1/4" Cast Glass extra (see below).



No. PHO 6542 Specially designed for Sheet Glass for Greenhouses, etc., for lengths up to 6' or can be used up to 12' with Purline in centre with the Glass lapped for any desired length where a maximum of light is required. Spaced at 18 1/2" centres and glazed 21 oz. glass. Glazing Bar only 1/9 per foot lineal. Glass extra (see below).

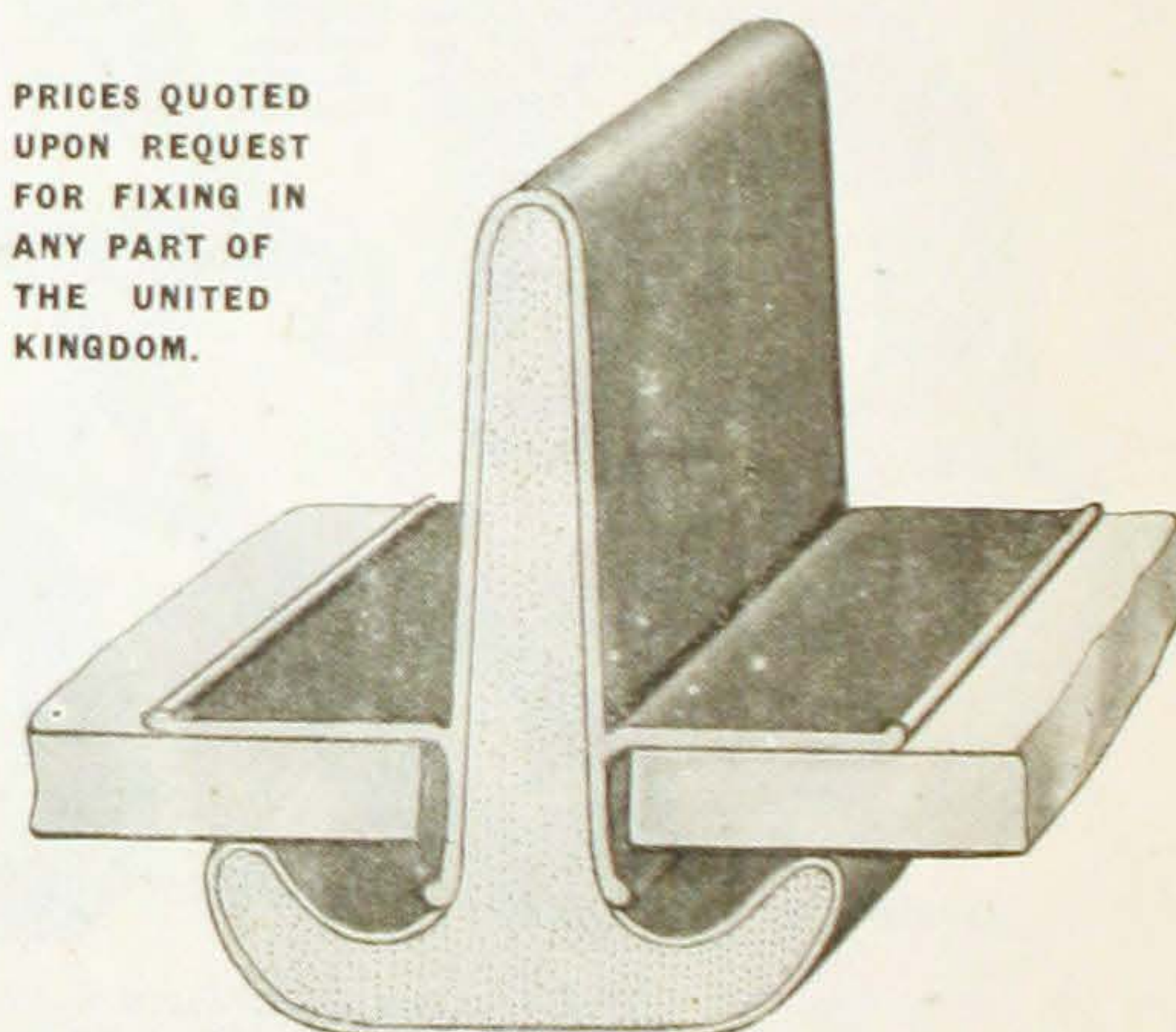


No. PHO 6543 Bar, suitable for lengths up to 6' 6" spacing at 24 1/2" centres.
Price 2/- per lineal foot. Glass extra (see below).



Scale approximately half size.
No. PHO 6544 Bar, dimensions below.
3" x 2" Bars up to 7' 0" long ... 1/2 per foot run.
3 1/2" x 2" " 8' 6" " ... 1/3 " "
4" x 2" " 10' 0" " ... 1/4 " "
In 200 foot run lots and upwards, delivered Free within 50 miles radius of Birmingham. Glass and fixing extra. No extra charge for creosoting the Bar.

PRICES QUOTED
UPON REQUEST
FOR FIXING IN
ANY PART OF
THE UNITED
KINGDOM.



No. PHO 6562
Suitable for spans up to 10' 6"
Price 2/5 per lineal foot.
1/4" Cast Glass extra (see below).

PRICES (except where otherwise stated) ARE CARRIAGE PAID ON ORDERS OF £10 LIST VALUE.

The above are all Steel Bars with the exception of No. PHO 6544. A heavy lead coating is electrically deposited on the bar and becomes incorporated with the steel, thus completely eliminating the risk of hidden corrosion. All cuts and Drill Holes are made before depositing. The entire Bar is under cover of Glass.
Glass, No. PHO 6563, Extra: 1/4" Rough Cast 126" x 24" 9d. per super foot. 1/4" Wired Rough Cast, 1/1 per super foot. 21 oz. glass (200 sq. feet lots), 44/6 Fitting extra. Lowest Price quoted against specification.

Wall Boards

No. PHS 9763

Write for Descriptive Lists.
We have separate Folders for each article named.

"URALITE" hard White, in sheets, 6' x 3' x 1/8" thick,
1/1 per square foot. F.O.R. Birmingham.

"BEAVER" BOARD in sheets 8' x 4' x 1/8" thick, 4d. per square foot, in 1,000 square foot lots, F.O.R. Birmingham. Less number of sheets, slightly more according to quantity.

"THISTLE" PLASTER BOARD in sheets 32" x 36", 8 square feet, 2/- per square yard. F.O.R. Birmingham.

"FIBERLIC" Building Board in standard size sheets, 8', 9' and 10' x 4' x 1/8" and 6' and 8' x 2' 8" x 1/8" thick, 3 1/2d. per square foot, in bundles of 10 sheets. F.O.R. Birmingham. Only sizes underlined kept in stock. Less number of sheets slightly more according to quantity.

"SHEETROCK" Gypsum Wall and Ceiling Board in sheets 8' and 10' x 4' x 1/8" thick. Price for crate lots of 20 sheets. 7d. per square foot. F.O.R. Birmingham. Less number of sheets, slightly more, according to quantity.

"SHEETROCK" FINISHER for Joints, 2/9 per packet. If ordered with crate lots of boards 1d. packet less. Prices: F.O.R. Birmingham.

CELOTEX INSULATING BOARD. An Insulating Board with extraordinary Insulating Properties, and without knots, sap or cross grains. Size 8' x 4' x 1/8" in bundles of eight sheets. Price 4d. per square foot nett.

Roof Repairing Materials

No. PHS 9764.

FAROTEX. A plastic compound for repairing old roofs, making new Waterproof Roofs, Waterproofing walls, etc. 1 cwt. kegs 58/- cwt. 28 lb. tins, 7d. lb. 14 lbs. tins, 7 1/2d. lb. 7 lb. tins, 7 1/4d. per lb.

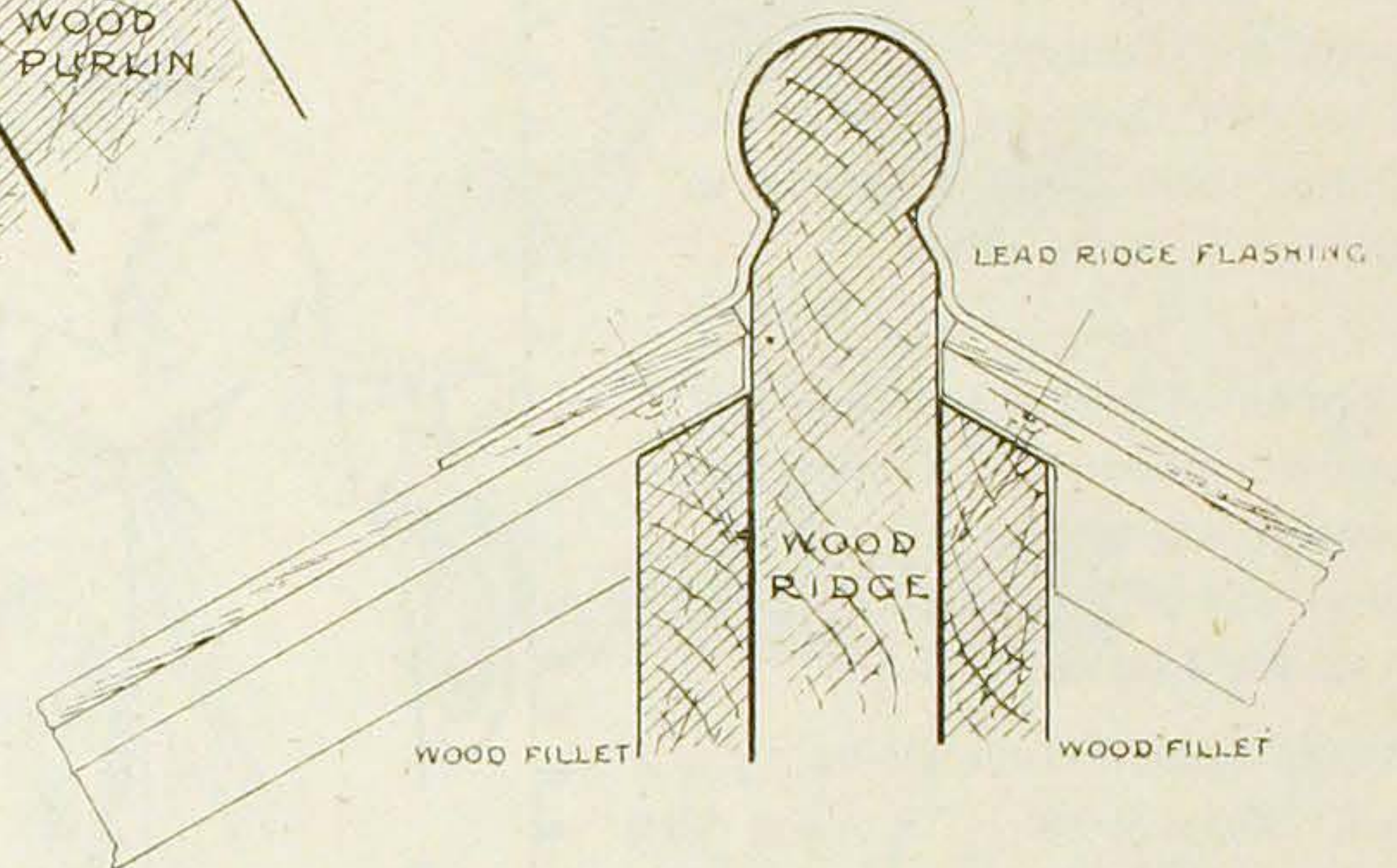
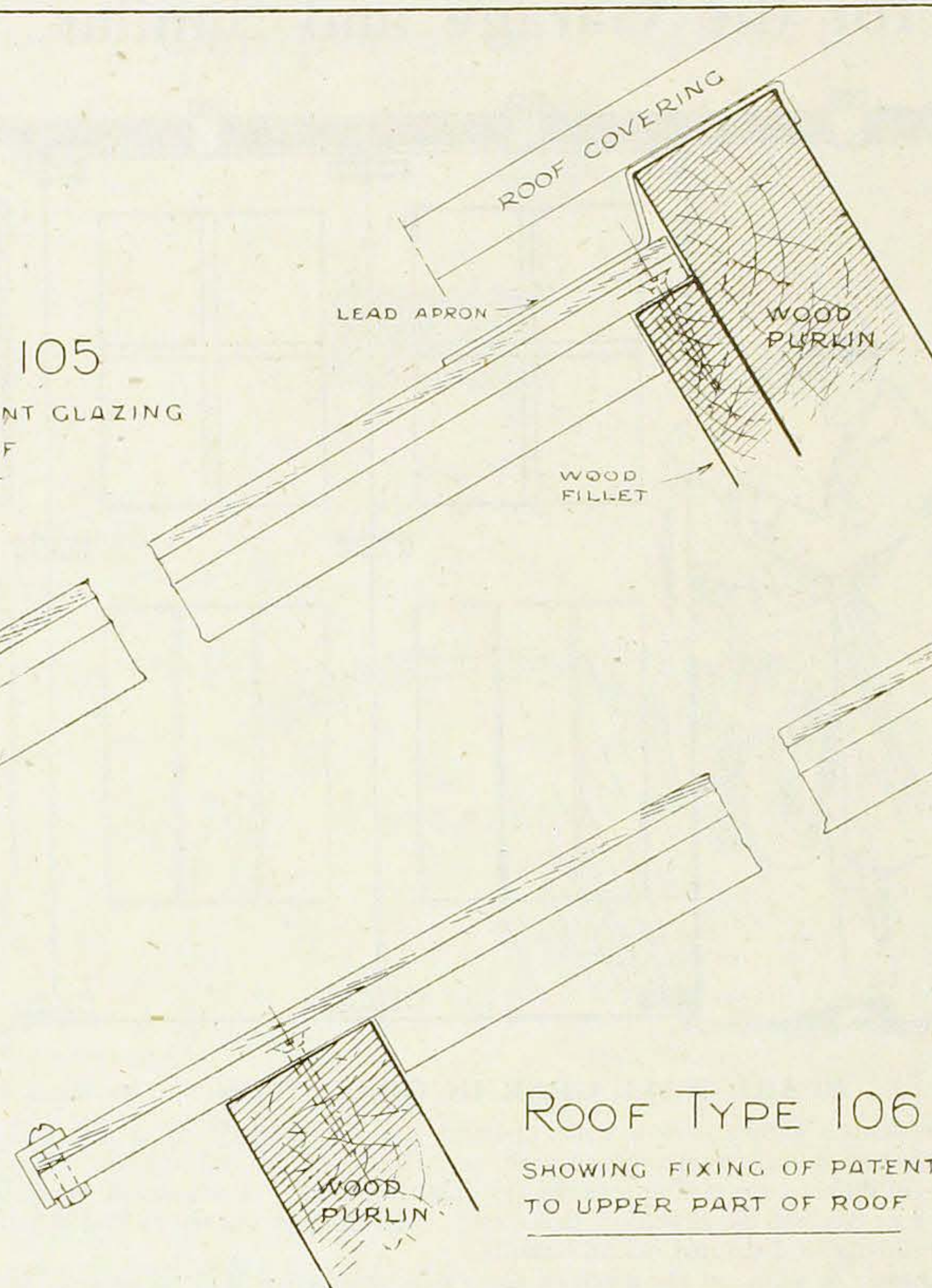
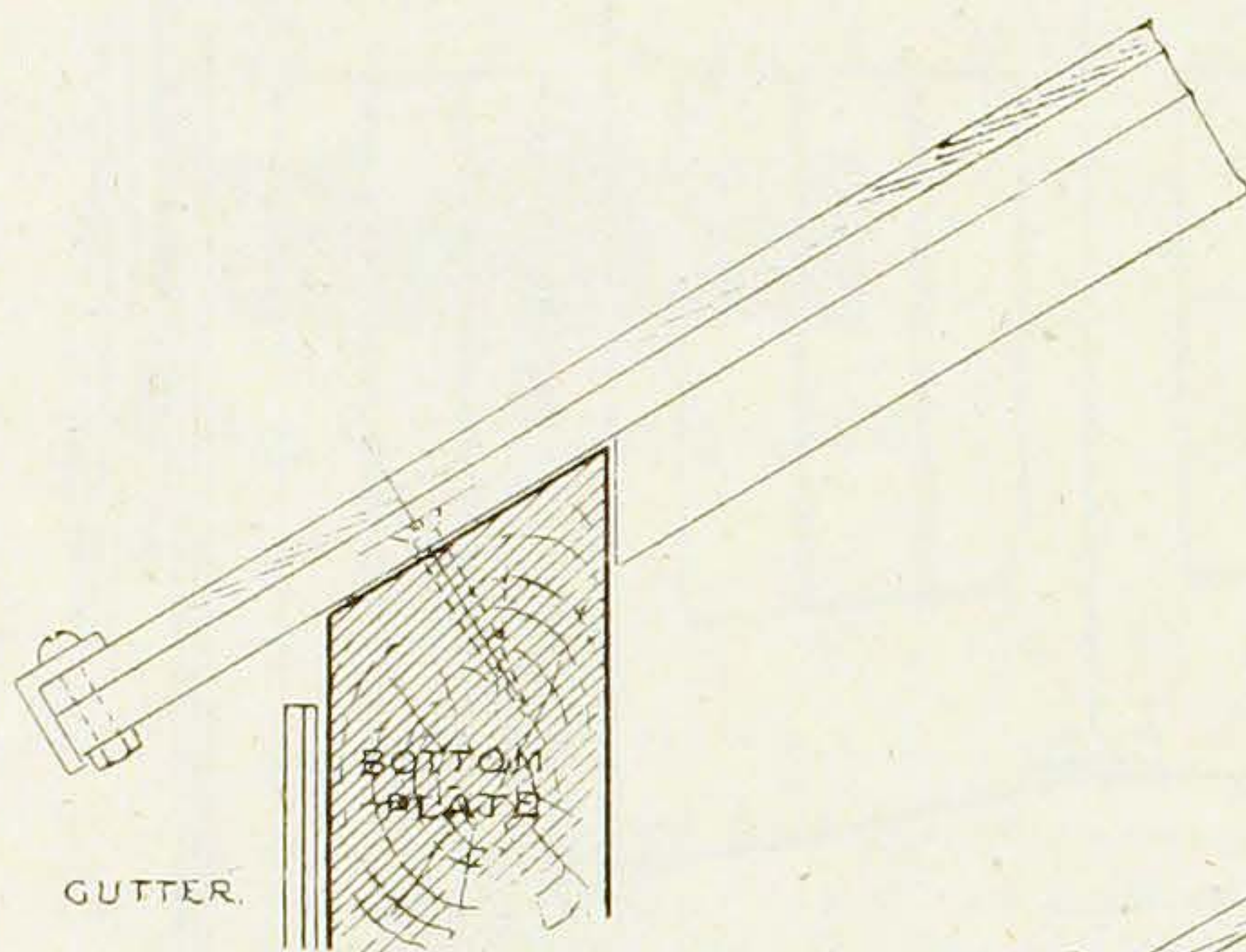
RUFOLD. A plastic Waterproof. When set it is impervious to moisture. 3 lb. tins, 3/6 each. 7 lbs, 7/- each. 14 lb. 12/6 each. 28 lb. 22/- each.

SLATEX. A semi-liquid Emulsified Bituminous Compound for the stormproofing of old cracked Slate Roofs, fastening loose tiles into place, etc. 28 lb. tins, 17/3 each. 14 lb. tins, 10/- each. 7 lb. tins, 5/6 each.

RITO. For Roof Repairs. Spreads easily with a trowel. On Metal, concrete or other flats. Rito sets like Rubber and lasts a lifetime. 28 lb. tins, 18/6 each. 10 lb. tins, 7/- each.

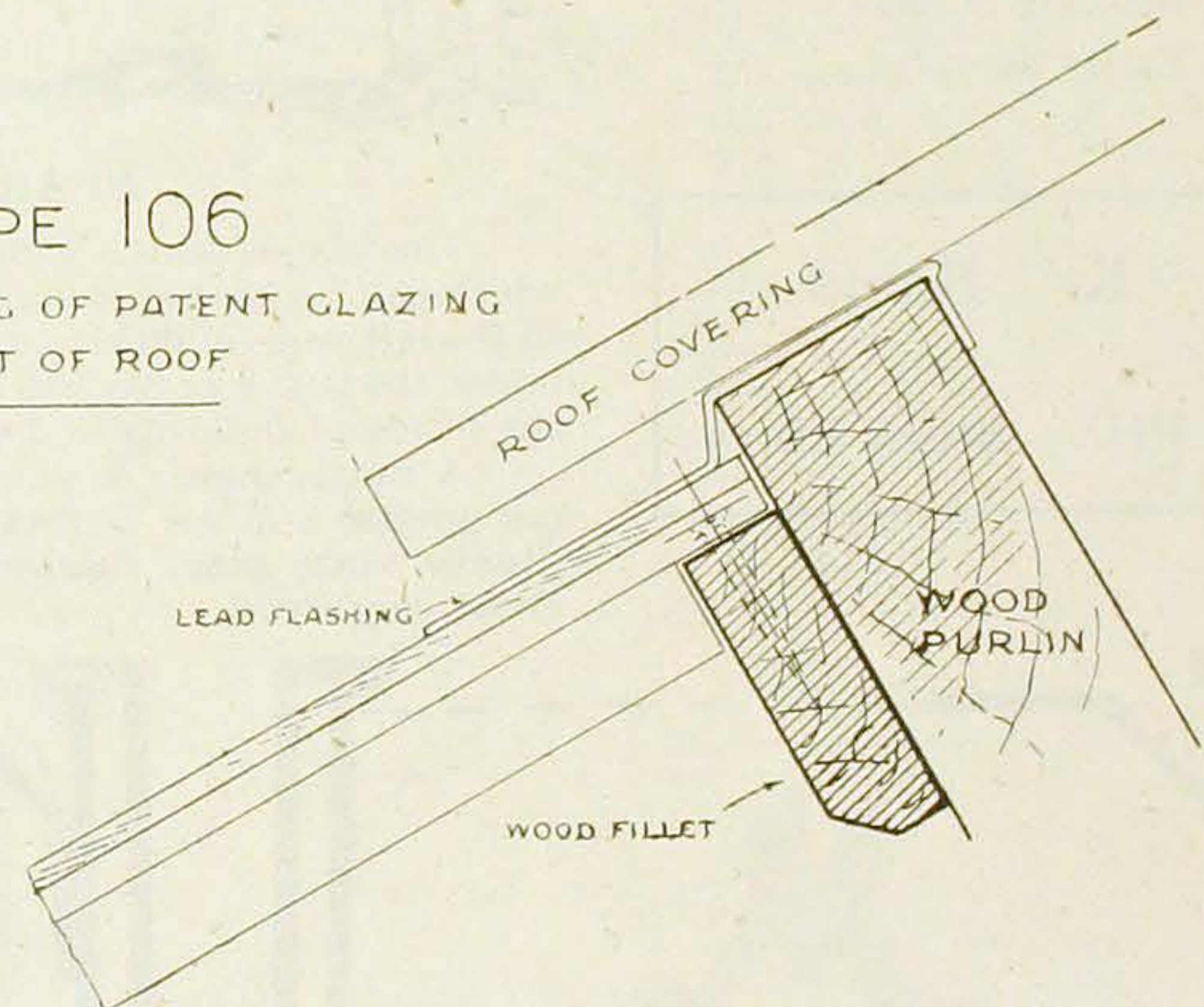
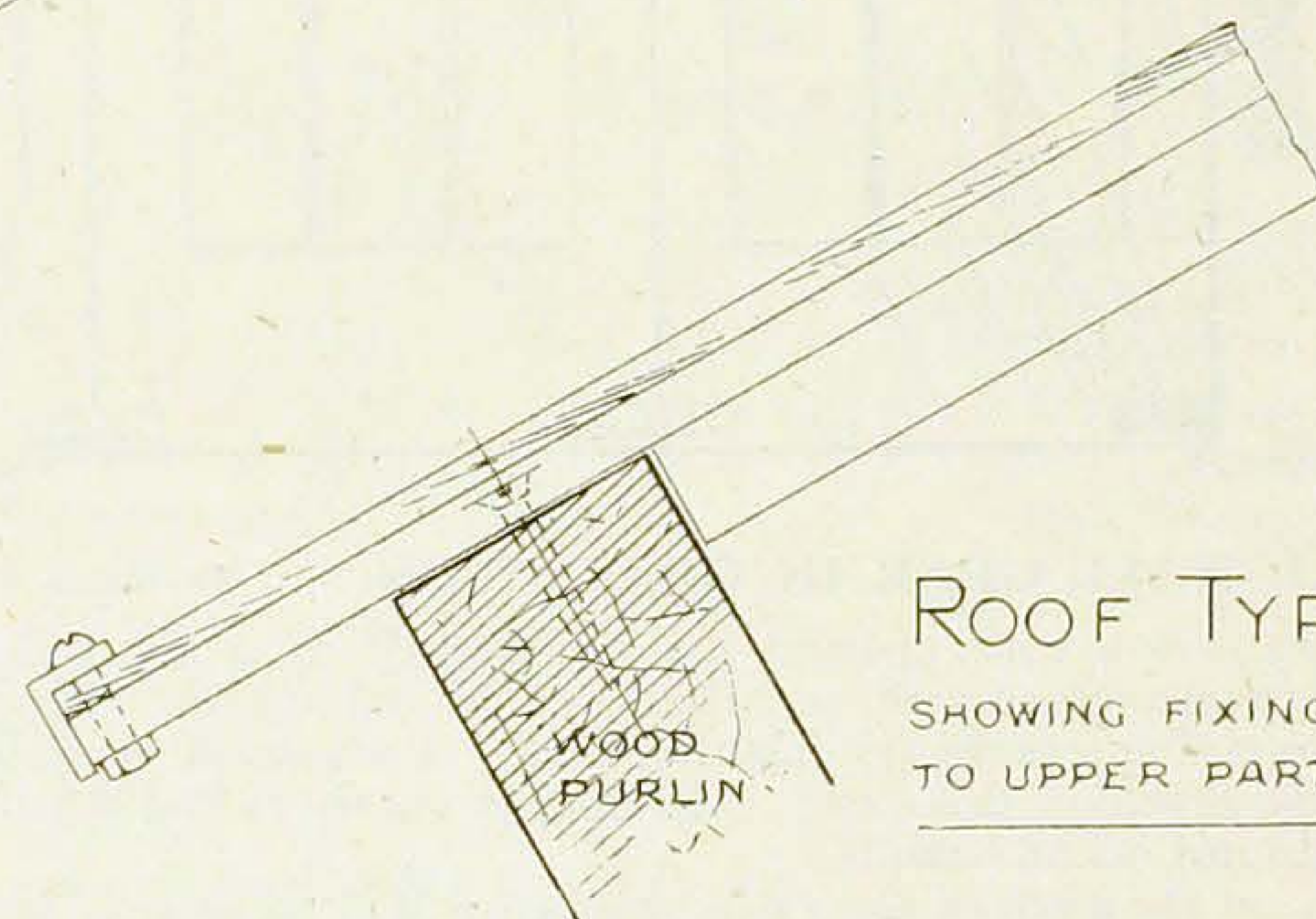
Roof Type 105

SHOWING FIXING OF PATENT GLAZING TO LOWER PART OF ROOF



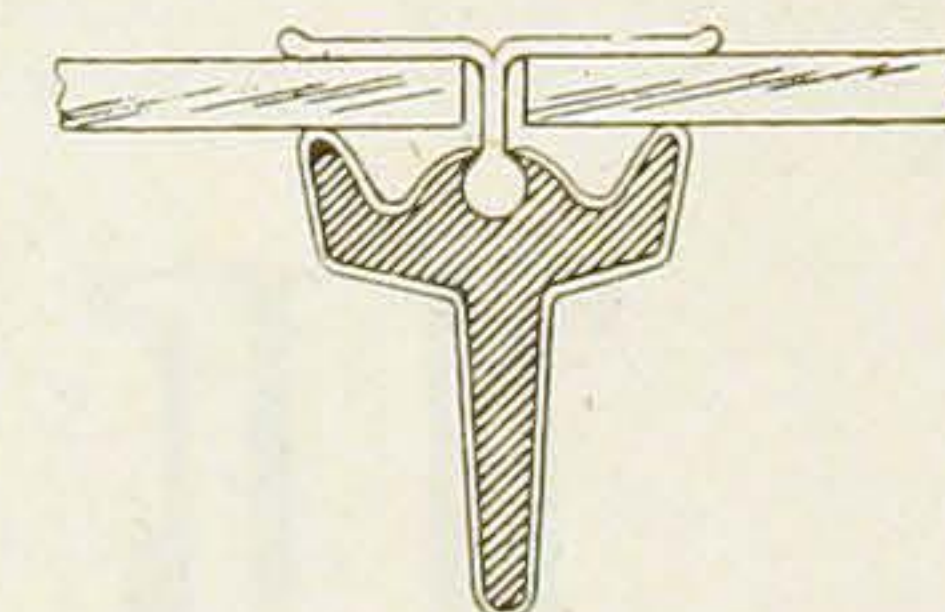
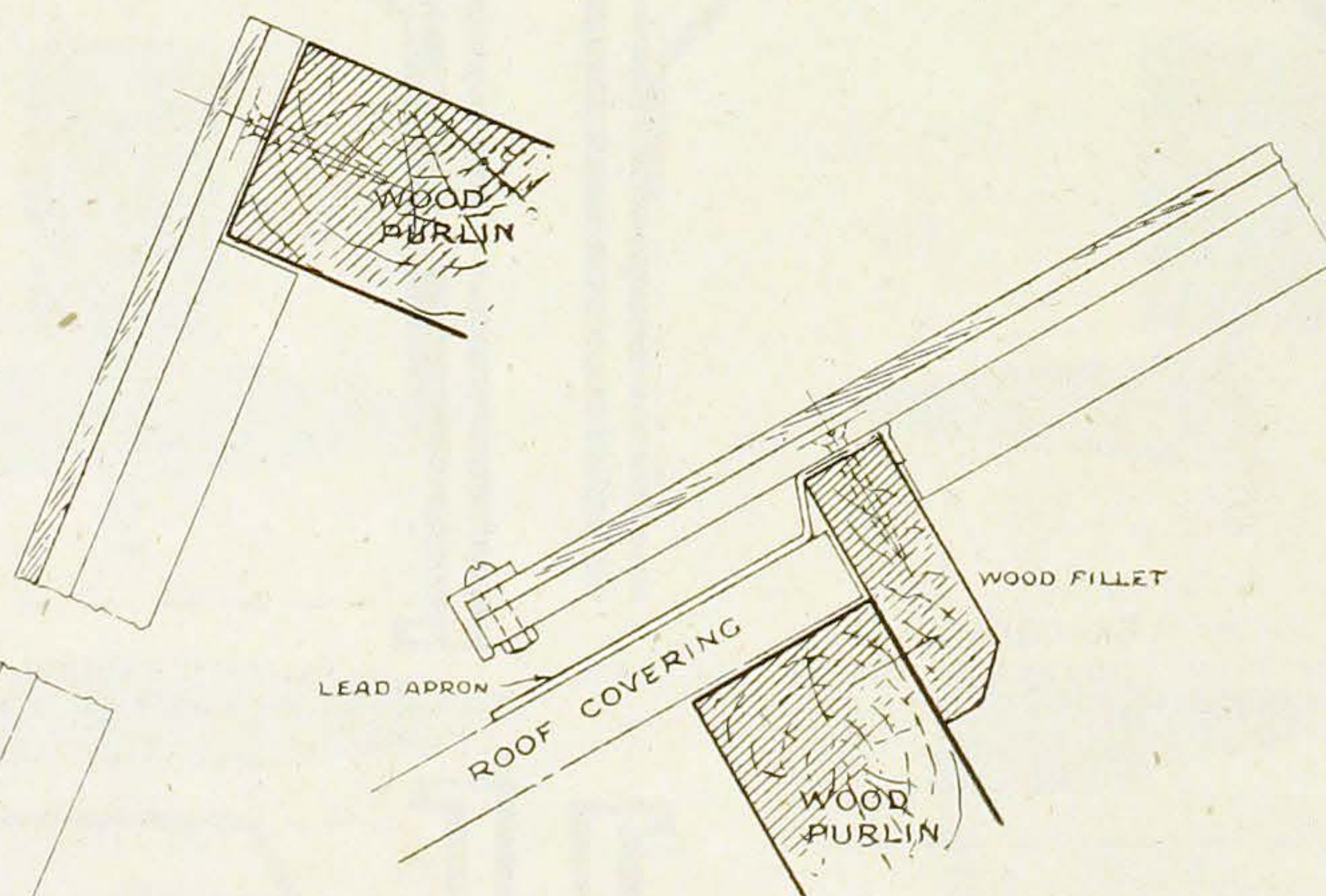
Roof Type 106

SHOWING FIXING OF PATENT GLAZING TO UPPER PART OF ROOF

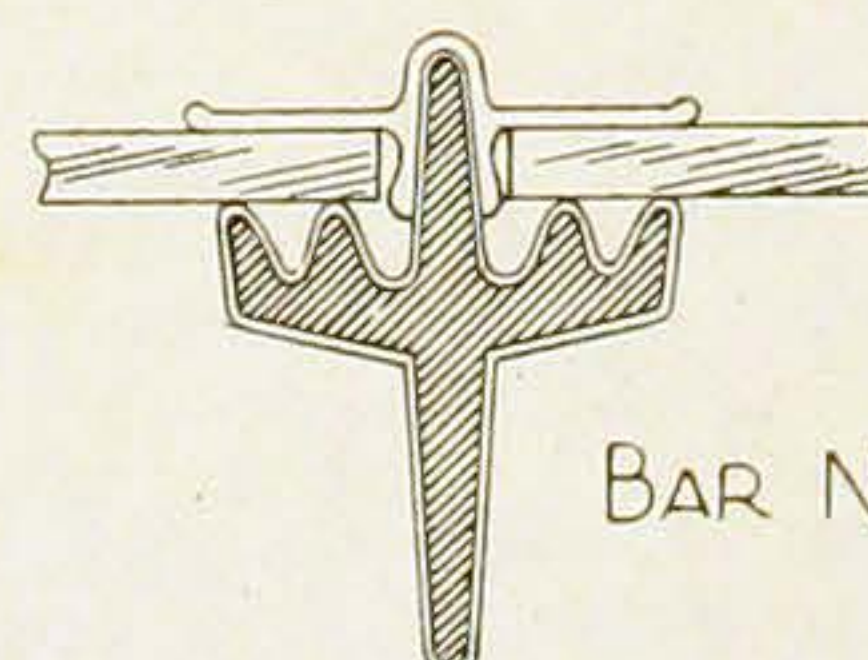


Roof Type 107

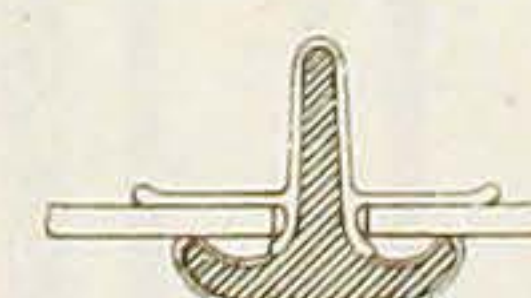
SHOWING FIXING OF PATENT GLAZING TO CENTRE PART OF ROOF



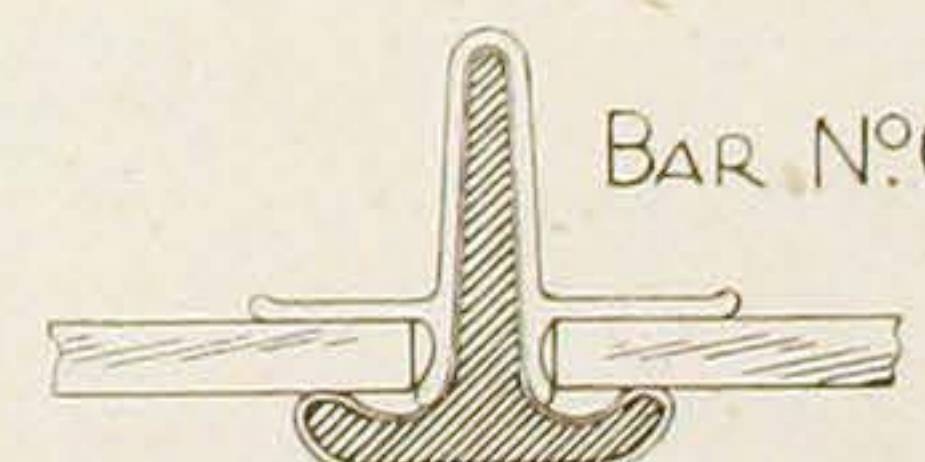
BAR N°6540



BAR N°6541



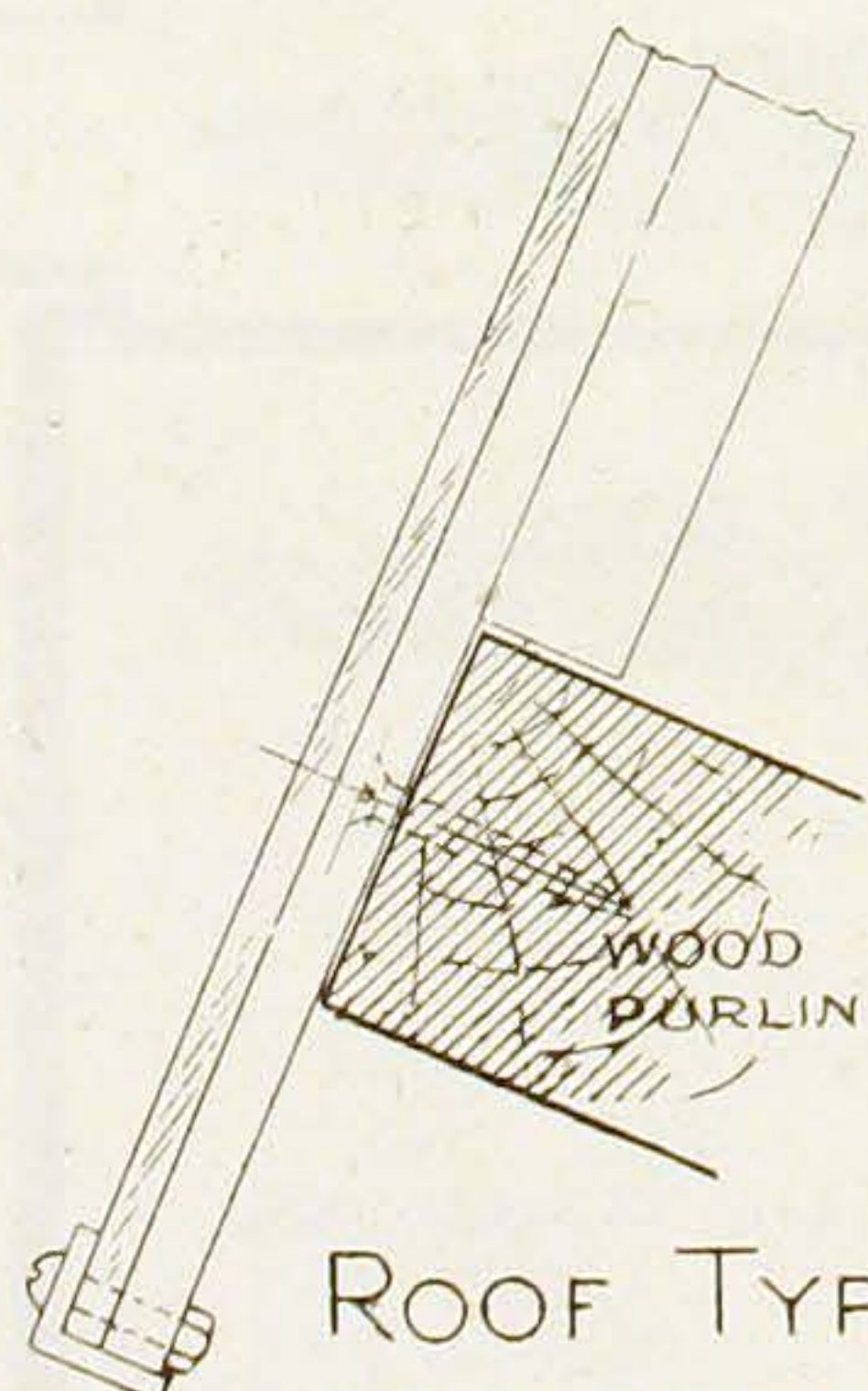
BAR N°6542



BAR N°6543

Roof Type 108

SHOWING FIXING OF PATENT GLAZING TO ORDINARY NORTH-LIGHT ROOF



"COBURN" System for the Garage and Similar Sliding Doors

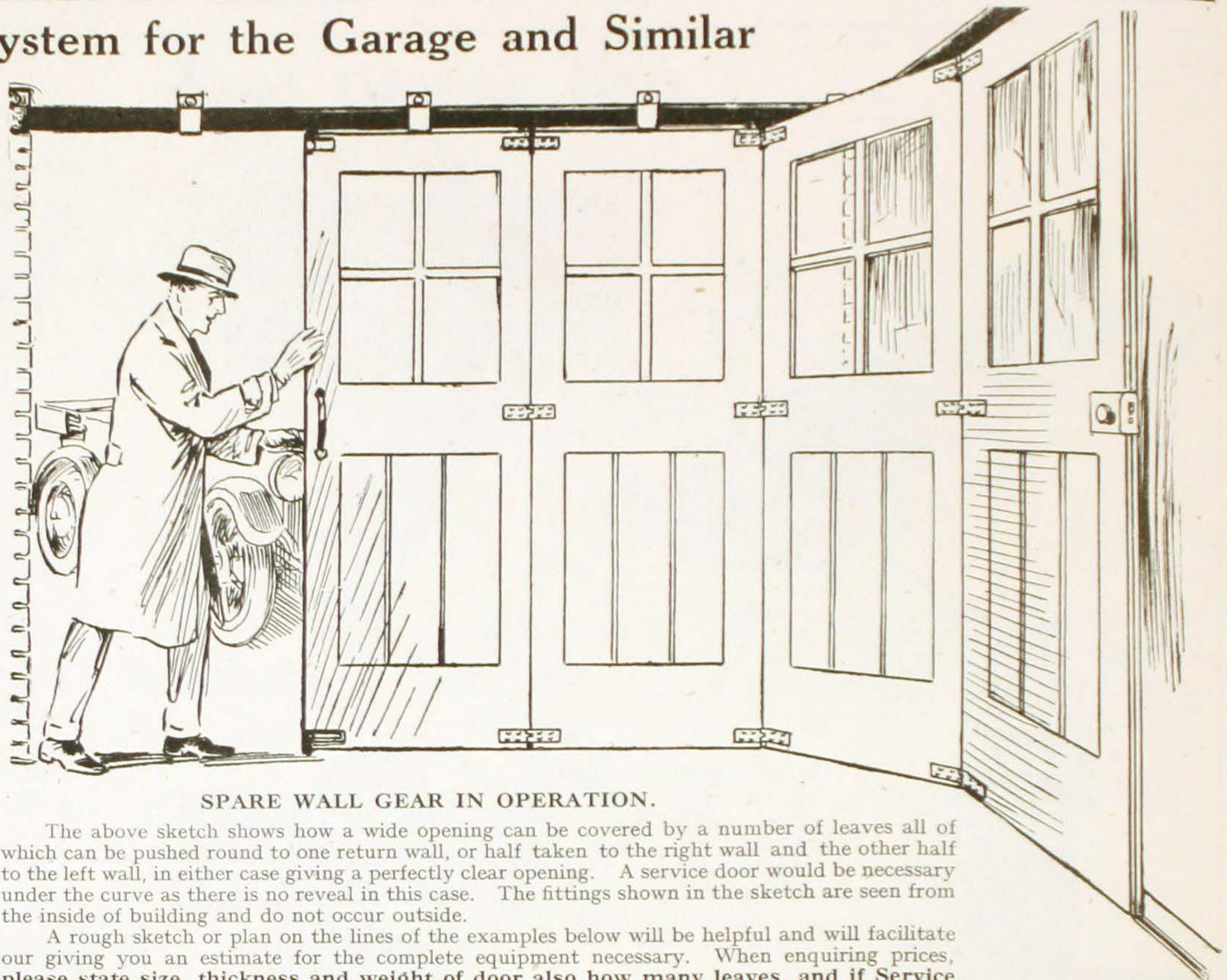
No. PHS 8845

Upon this and the following pages details are given of the popular "Coburn" Spare Wall Gear for hanging doors and sliding them round the corner to the inside return wall.

The designs have been augmented and many improvements embodied. A complete booklet containing all the designs will be sent upon request. Ask for List S.W.G.507.

Advantages of Hung Doors.

1. Save Space.
2. Not liable to sag, bind, shrink, wind nor swell.
3. Will not blow to, on the windiest of days.
4. Easily operated.



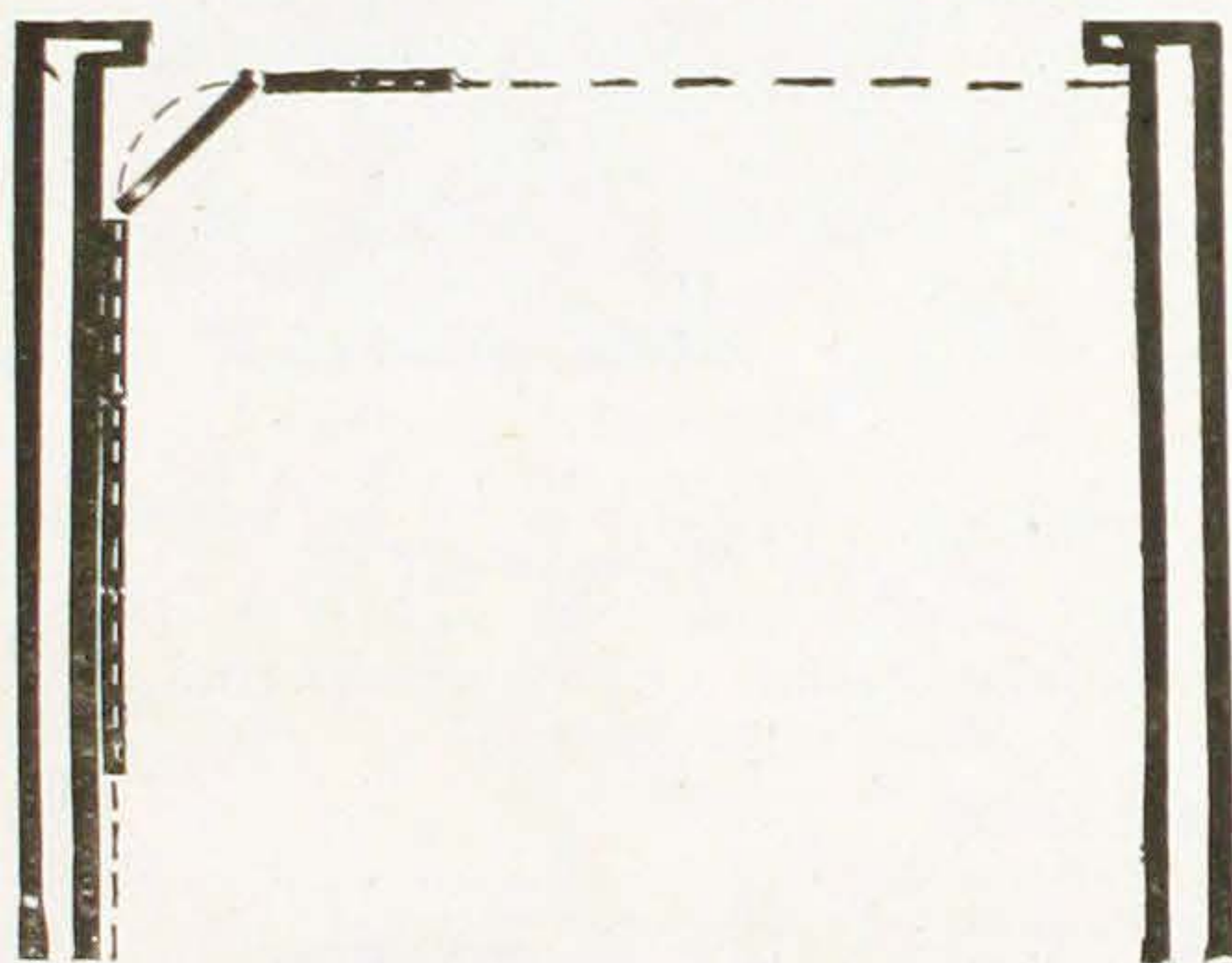
SPARE WALL GEAR IN OPERATION.

The above sketch shows how a wide opening can be covered by a number of leaves all of which can be pushed round to one return wall, or half taken to the right wall and the other half to the left wall, in either case giving a perfectly clear opening. A service door would be necessary under the curve as there is no reveal in this case. The fittings shown in the sketch are seen from the inside of building and do not occur outside.

A rough sketch or plan on the lines of the examples below will be helpful and will facilitate our giving you an estimate for the complete equipment necessary. When enquiring prices, please state size, thickness and weight of door also how many leaves, and if Service Door required.

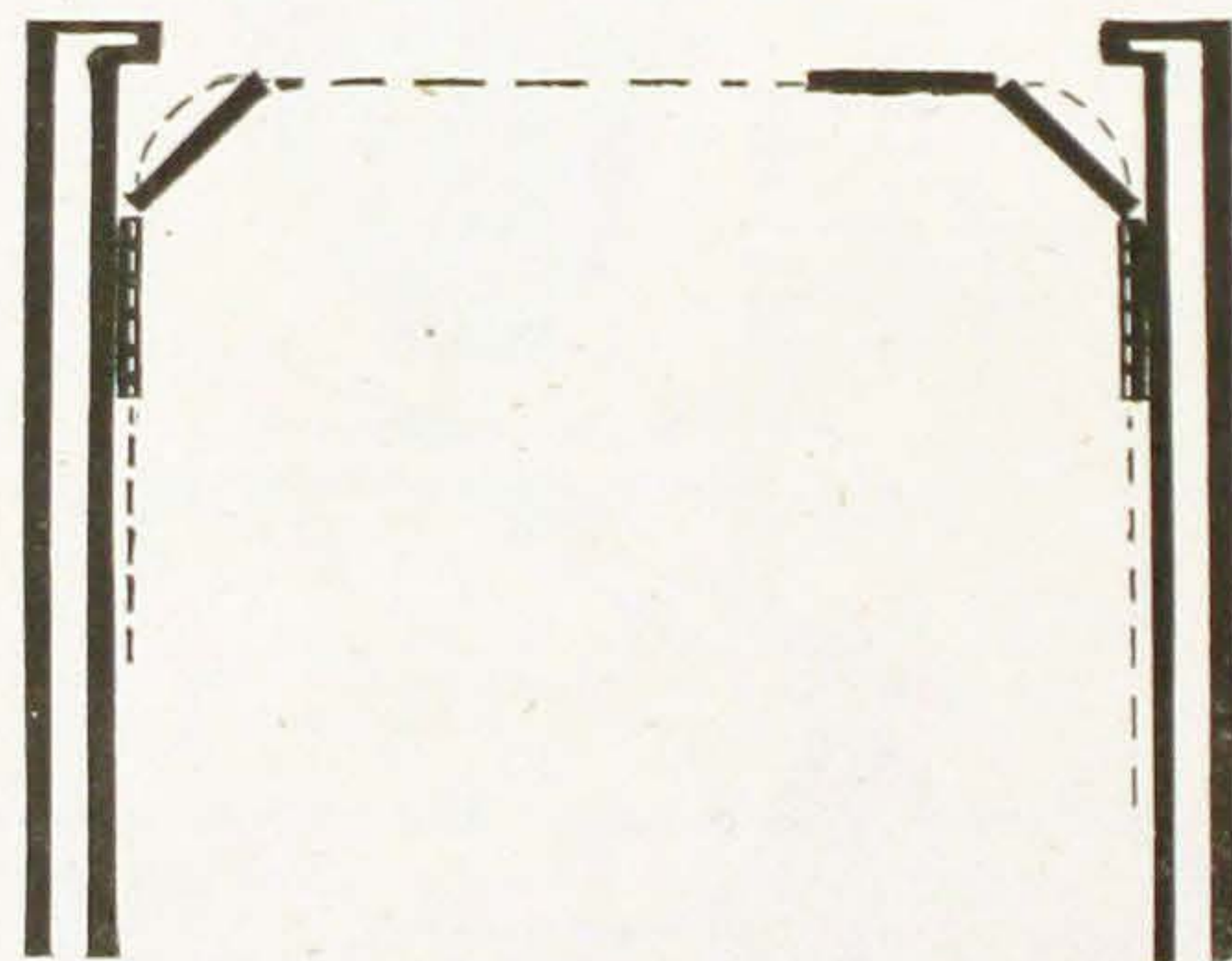
"K" Basis.

All PHS—Stock Lines.



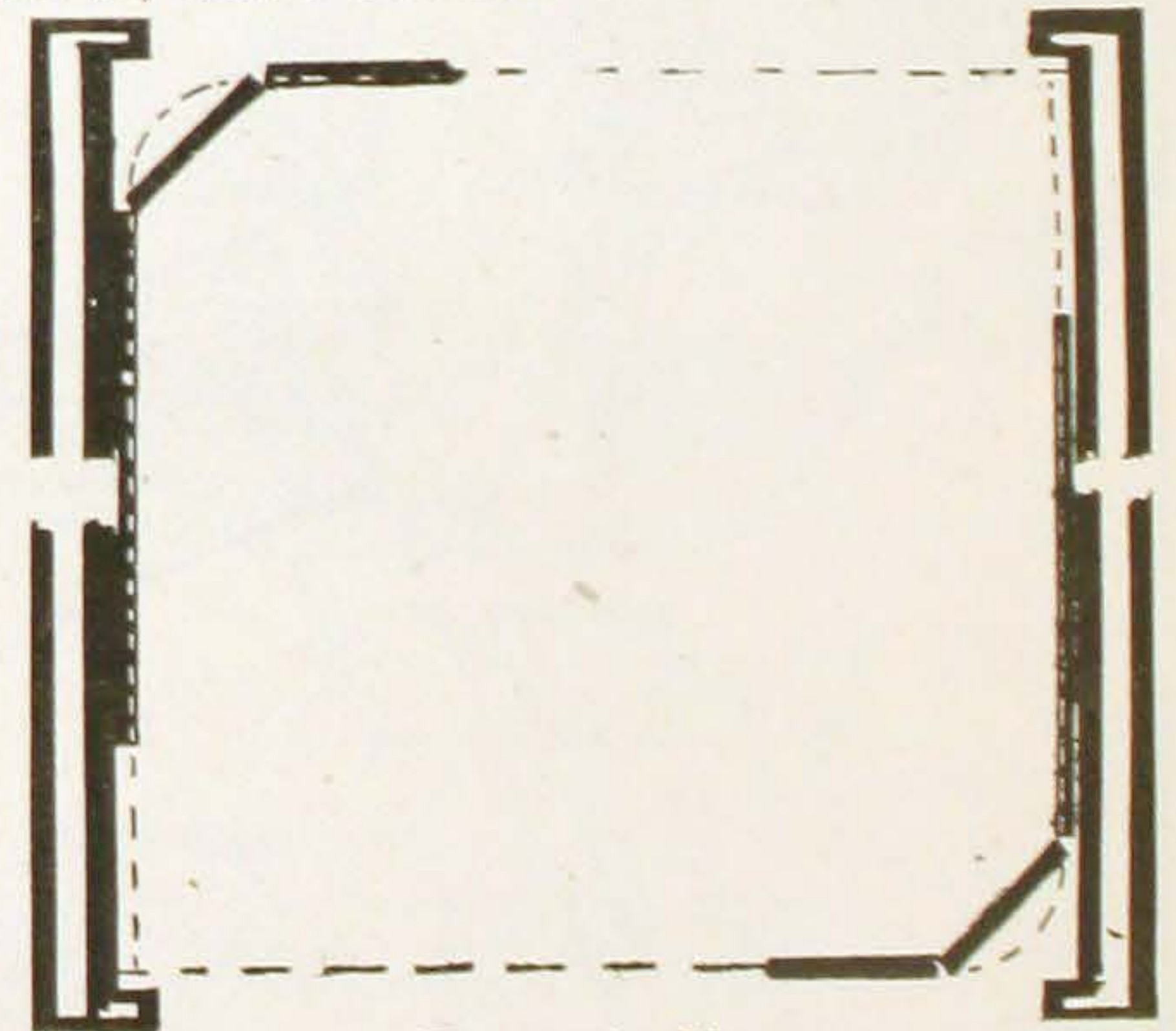
Example S.

Showing a set of leaves partly open and when completely open all the leaves will be flat against the left hand wall. See Example X.



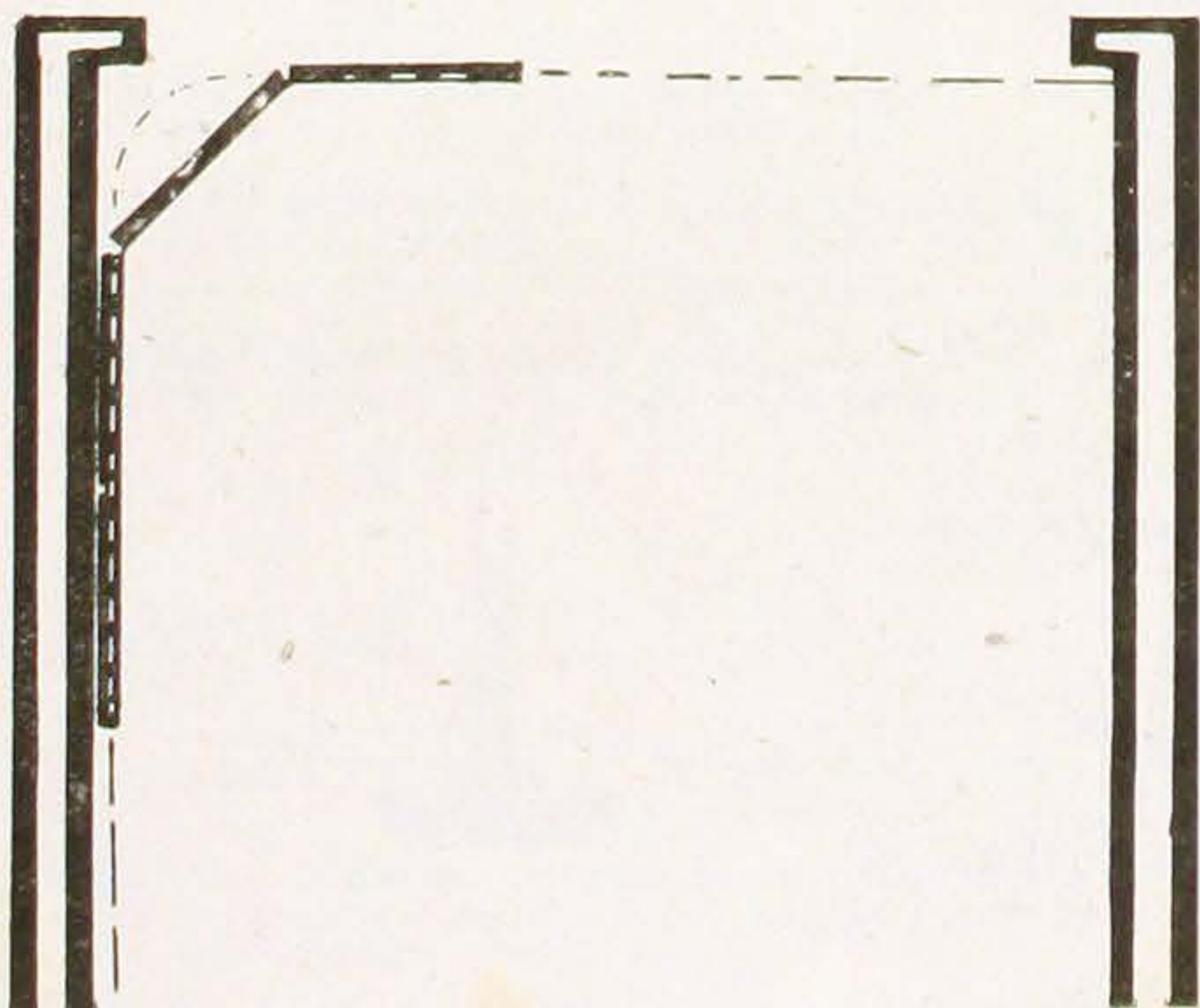
Example T.

Illustrates a set operating to the left and right hand wall in two sections.



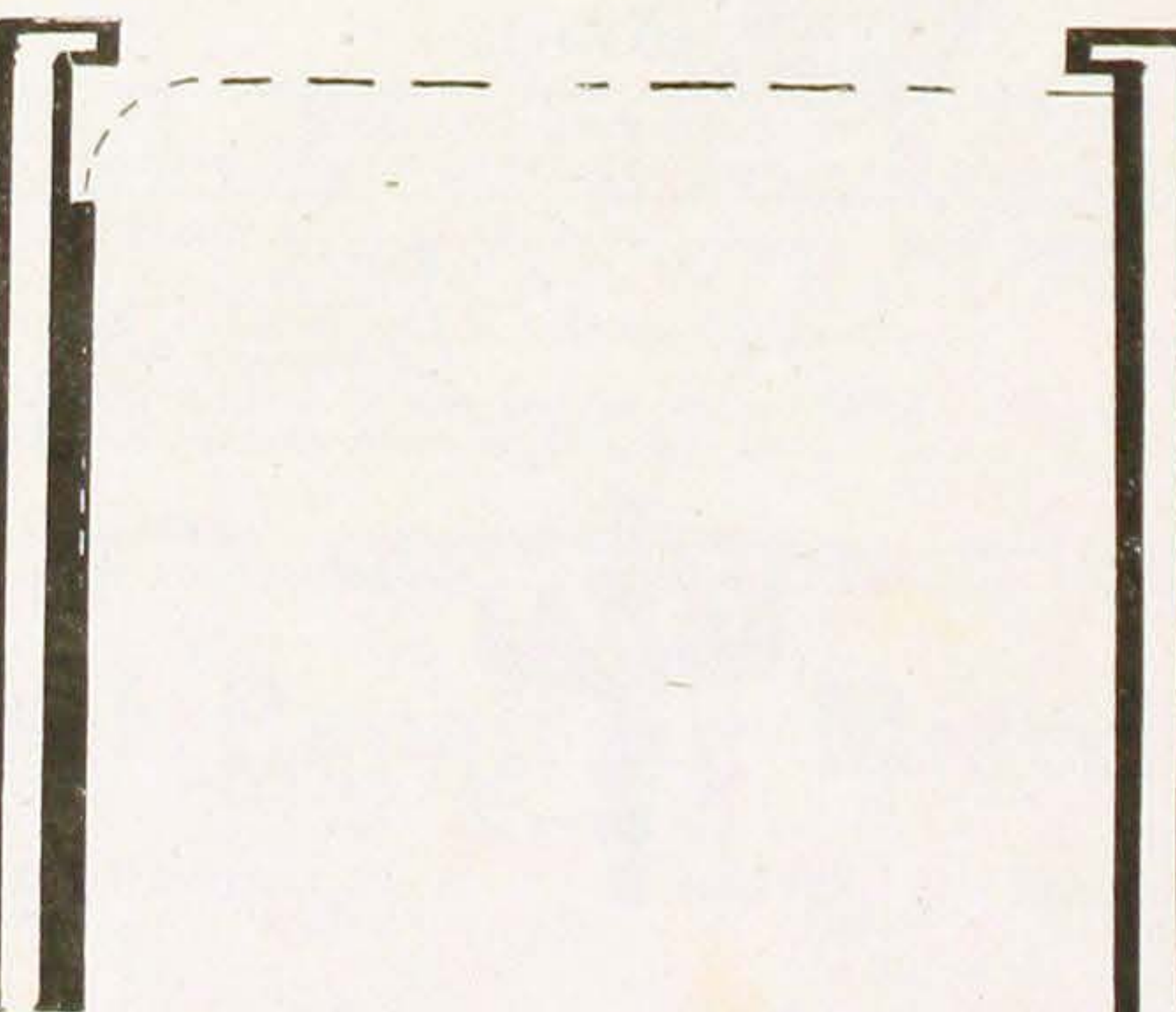
Example U

Shows how a straight run through a garage can be obtained.



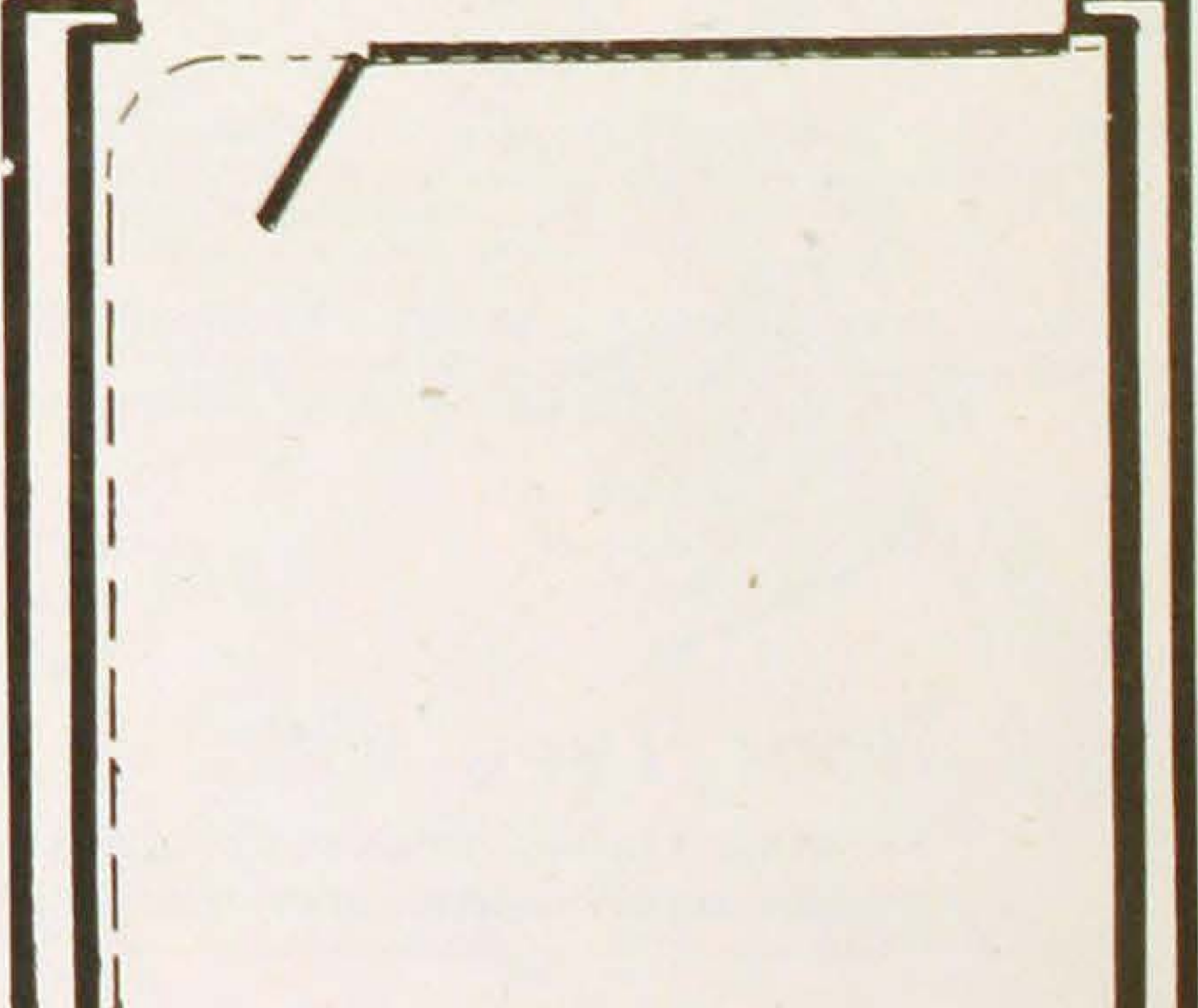
Example W

Intended to indicate the small amount of space occupied by the gear when opening or shutting the doors, viz., 12" on a 12" radius curve, etc.



Example X.

Doors fully opened against wall. The whole of the floor space can be used for car, stores or bench.



Example Y

Clearly indicates the operation of a service door.

"Major" Components, "Coburn" System

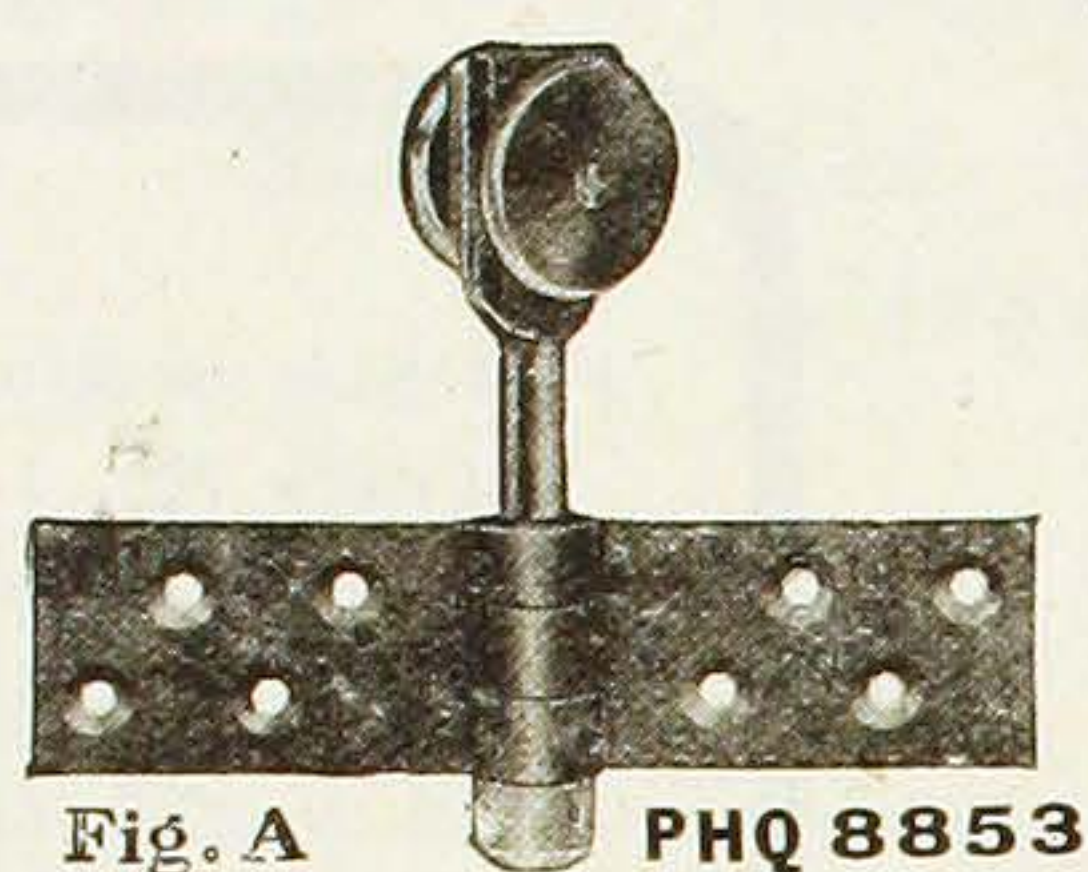


Fig. A PHQ 8853



Fig. B PHQ 8855

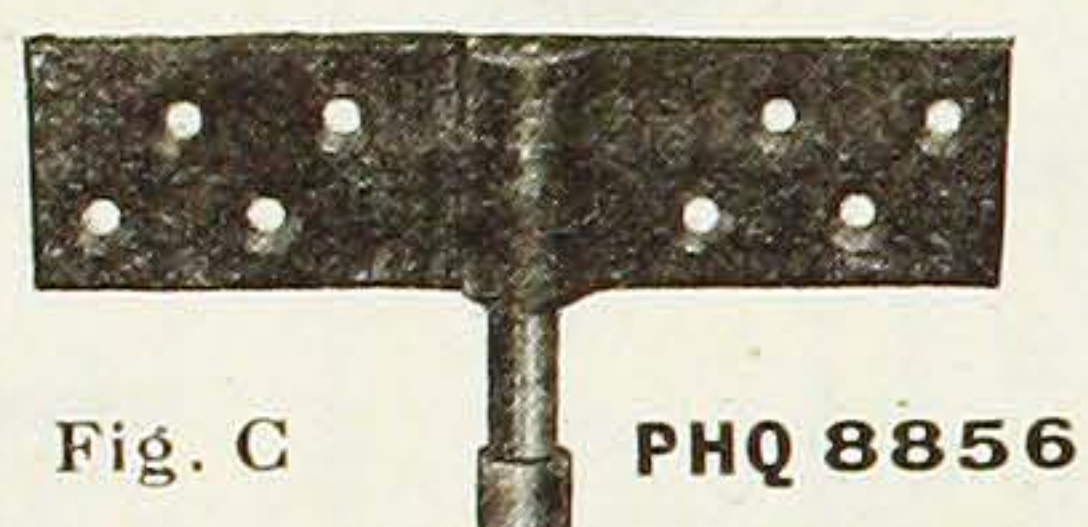
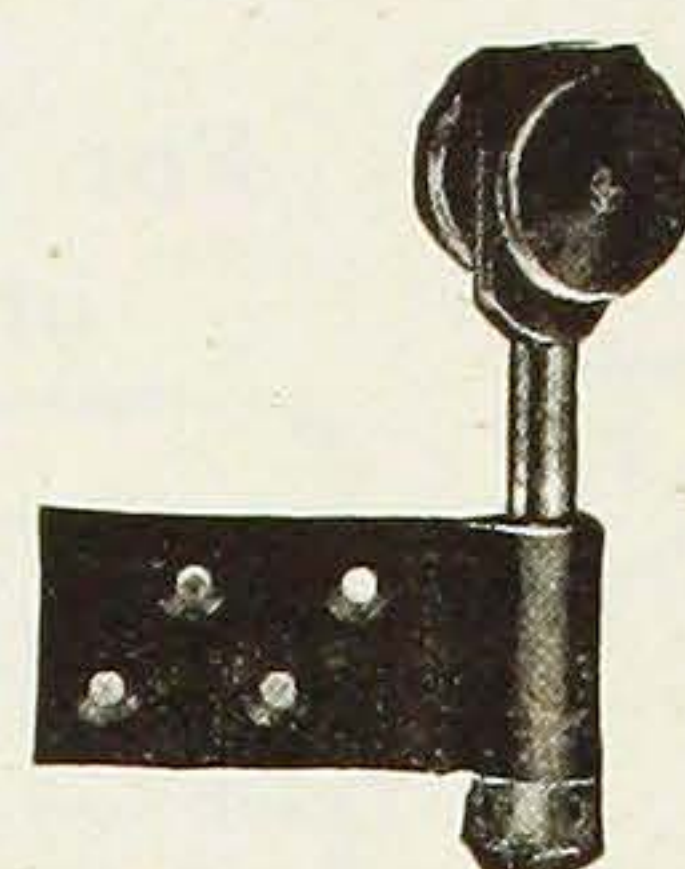
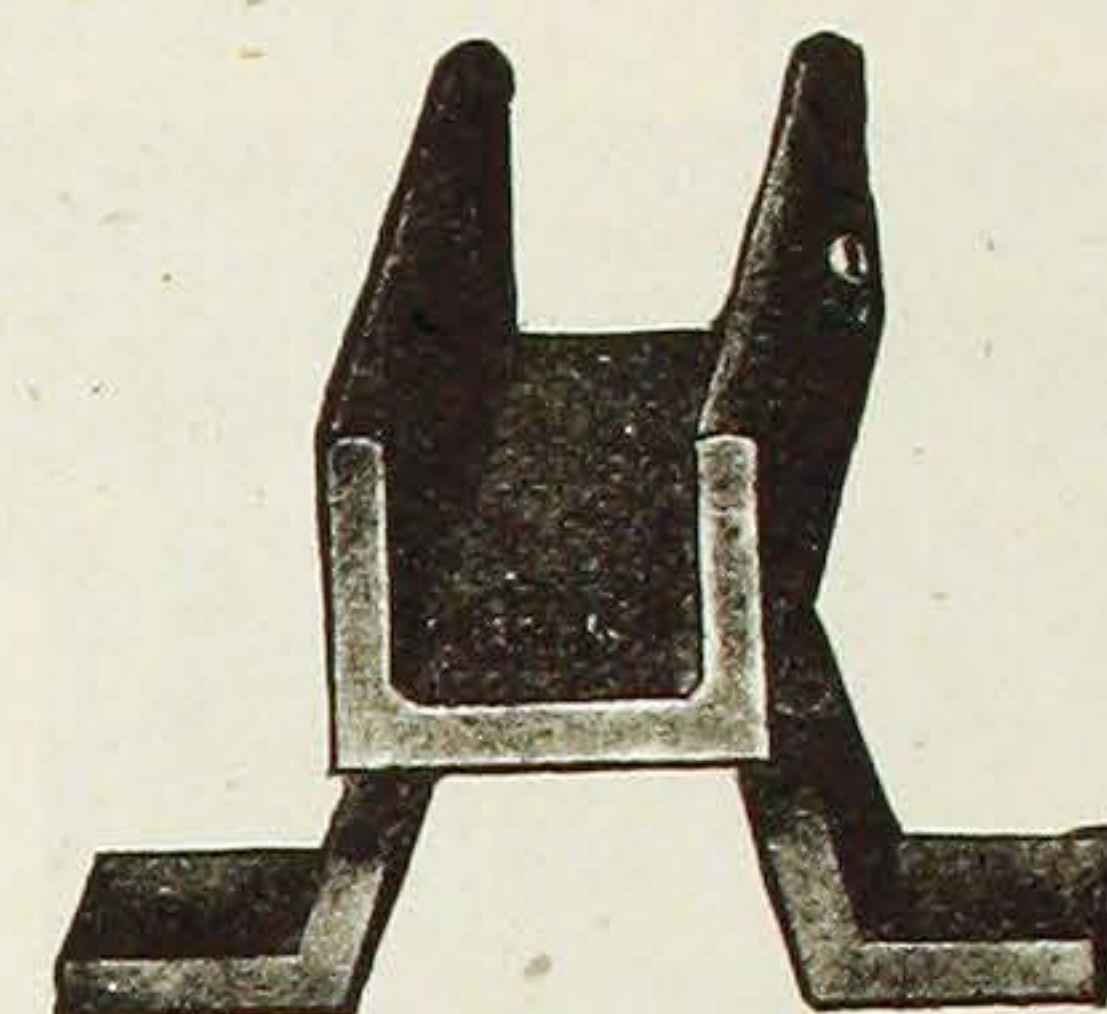


Fig. C PHQ 8856

Fig. G
PHQ 8854Fig. F
PHQ 8858Fig. D
PHQ 8859Fig. E
PHQ 8857

		Not exceeding 100 lbs. weight for each Leaf.		Not exceeding 150 lbs. weight, for each Leaf.		For heavy work, Public Garage or Rough Usage.	
No. PHQ 8850	Track	16G	10d. per foot.	14G.	1/6 per foot.	1/8 plate, 2/9 per foot.	
No. PHQ 8851	Side Wall Brackets, Open or Closed		10d. each.	16G	1/3 "	13G.	2/3 per foot.
No. PHQ 8852	Parallel Ear Brackets		1/1 "		1/6 each.		3/4 each.
No. PHQ 8853	Trolley No. 197, (Fig. A) with special Adjust- ment (Patent applied for)		8/6 "		1/8 "		3/4 "
No. PHQ 8854	Half Trolley (Fig. G.)		7/6 "		10/6 "		25/- "
No. PHQ 8855	Backflaps <i>en Suite</i> (Fig. B.)		2/6 "		9/6 "		22/6 "
No. PHQ 8856	Backflaps and Guide with G.M. Roller <i>en Suite</i>		4/6 "		2/6 "		5/- "
No. PHQ 8857	Track Corner Curve with three Brackets and Patent Buckle. 12" or 18" radius		12/6 "		4/6 "		5/6 "
No. PHQ 8858	Channel Curve, 12" radius or over		3/- per foot.		15/- "		30/- "
No. PHQ 8859	Channel fitted with Braces for concrete		1/3 "		3/- per foot.		3/- per foot.
					1/3 "		1/6 "

"Minor" Components

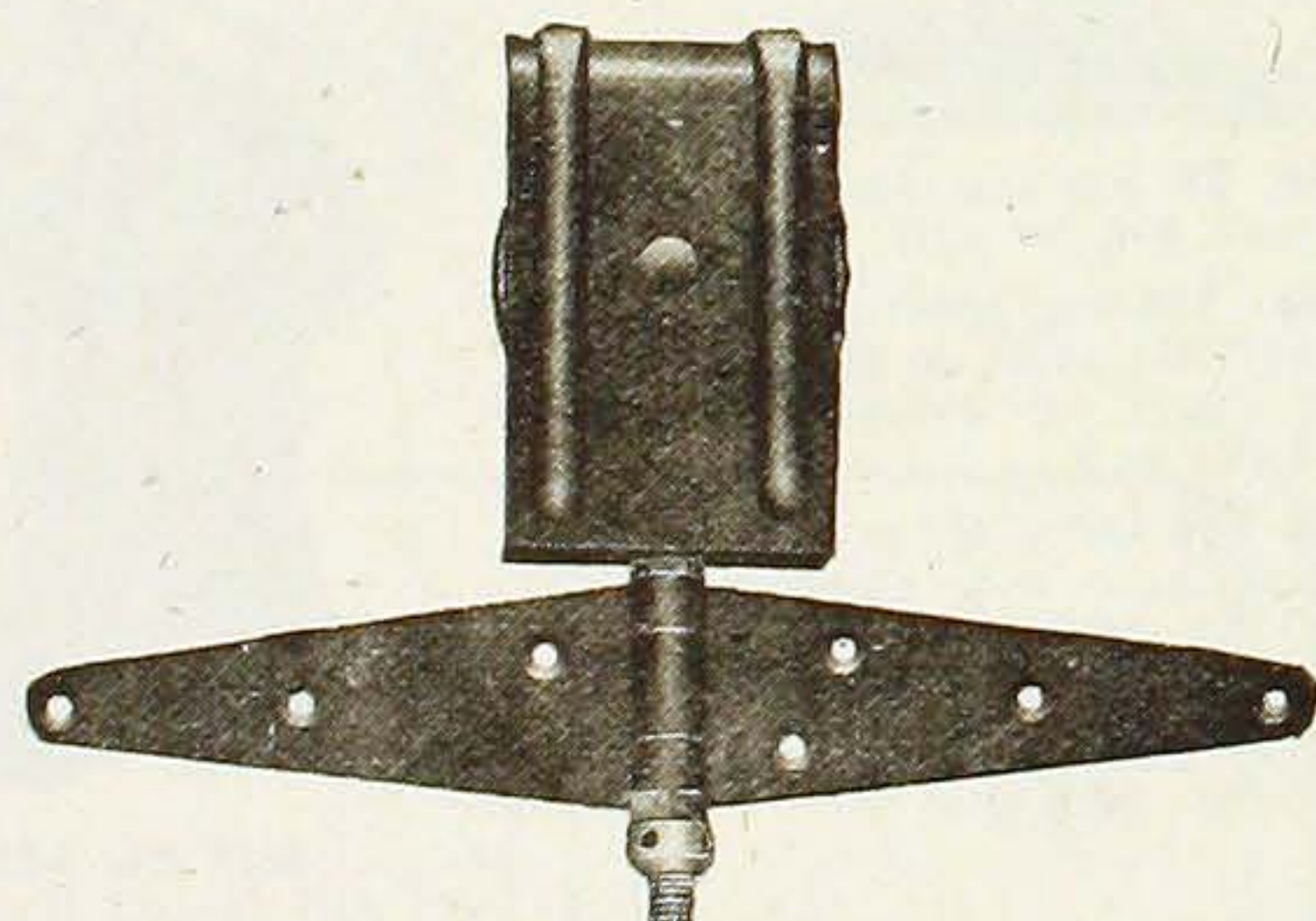


Fig. A



Fig. B

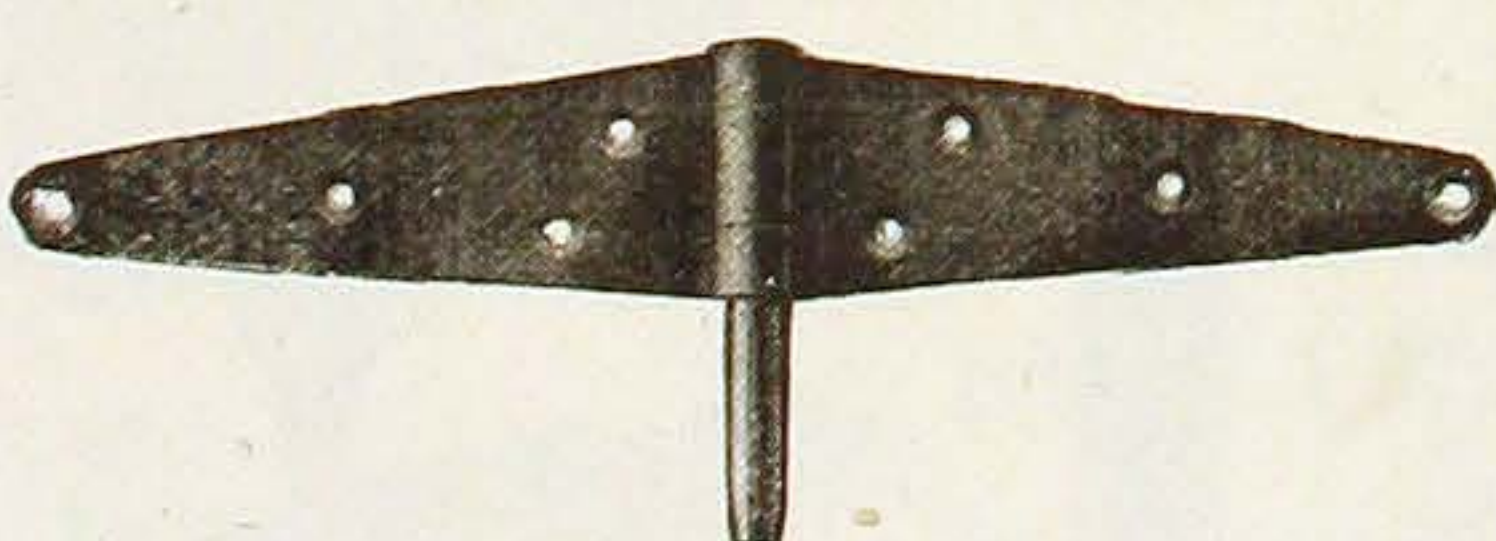


Fig. C

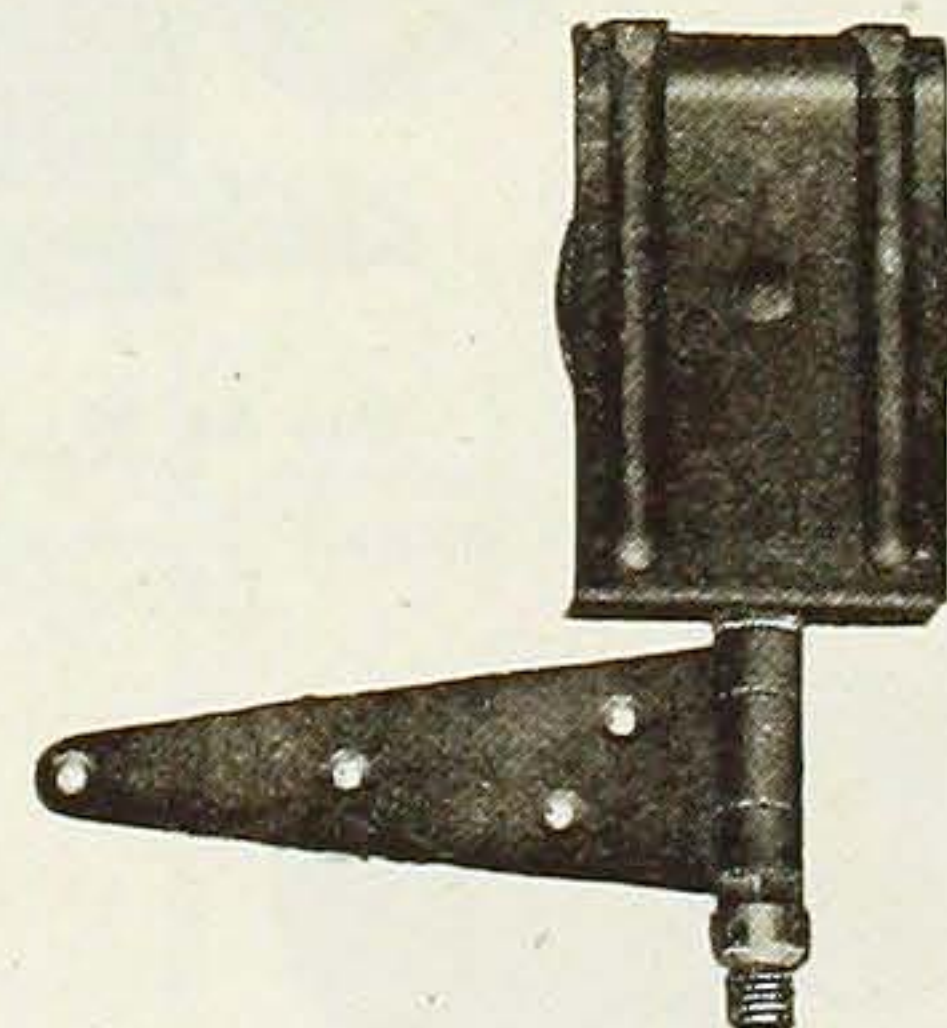


Fig. G

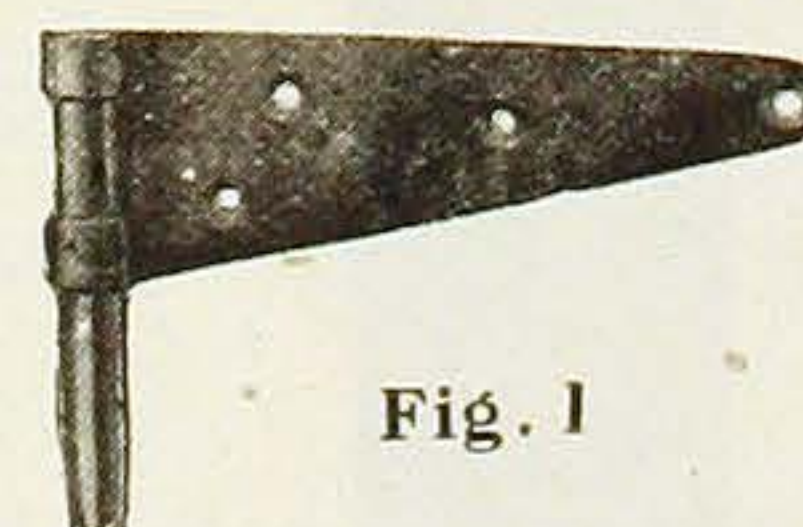


Fig. I



Fig. F



Fig. D



Fig. E



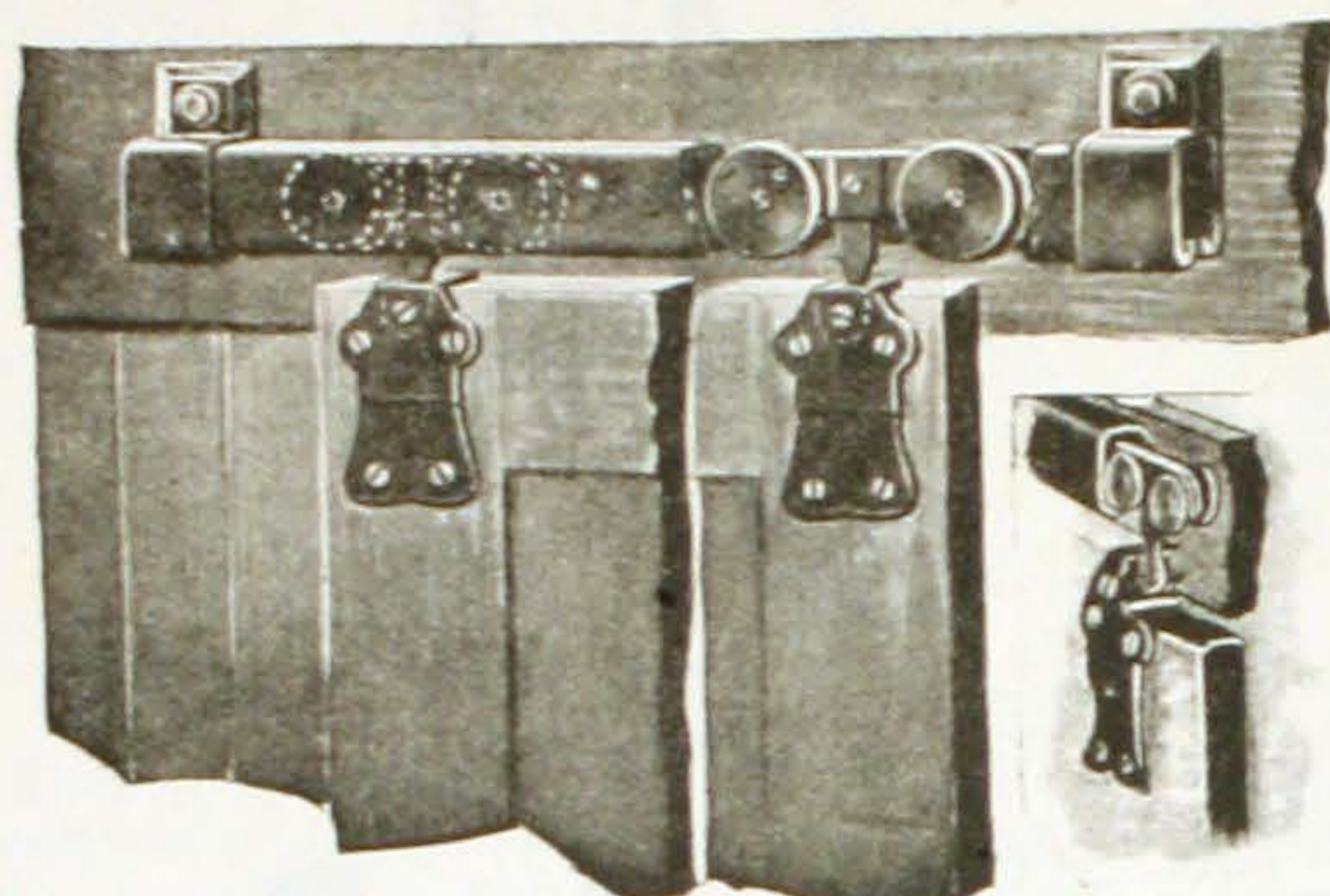
Fig. H

FOR LEAVES NOT EXCEEDING 100 LBS. EACH.

No. PHQ 8860	Fig. A. All Steel Trolley with Roller Bearings and Vertical Adjustment with Lock	4/6 each.
No. PHQ 8861	" B. All Steel Backflaps, <i>en Suite</i>	10d. "
No. PHQ 8862	" C. All Steel Backflap Guide, <i>en Suite</i>	1/- "
No. PHQ 8863	" D. Channel, fitted with Braces for concrete or drilled for wood	1/- per foot.
No. PHQ 8864	" E. Corner Curves, fitted with Brackets, ready for erection	1/- "
No. PHQ 8865	" F. and H. Channel Corner Curves, with coupling for straight track.	1/3 "
No. PHQ 8866	" G. Half Trolley, handed	4/3 each.
No. PHQ 8867	(Not illustrated), Steel Track, fitted with necessary Brackets, ready for erection	8d. per foot.
No. PHQ 8877	Fig. I. All Steel Half Backflap Guide, <i>en Suite</i>	1/- each.

"COBURN" Round Trough Steel Track and Fittings

No. PHQ 8845



Front Elevation.

TRACK.
For sizes see
diagram above.

Size No. 0 20 gauge Steel.
For Light Cupboard Doors only.
Black Japanned, 8d. per foot.

Size No. 1 16 gauge Steel.
Suitable for Doors up to 300 lbs.
Black Japanned, 10d. per foot.

For Sliding Doors of all kinds.

The illustration on left shows a typical example of "Coburn" Hung Doors. The system is comprised of:—

Track (see diagram on right), obtainable in the various sizes mentioned.

Brackets, Hanging or Suspending For supporting the Track or Tracks.

Hangers. Consisting of Trolley which runs in Track and affixing Cast Petticoat or Double Petticoat.

Full Size Section of Track No. 1.

	Depth.	Width.
Size 0	is 1 1/4"	1 1/4"
" 1	is 2"	1 1/4"
" 2 1/2	is 3 1/4"	1 1/4"
" 4	is 3 1/4"	2 1/4"

Size No. 4
Suitable for the Heaviest type of Door.
Black Japanned, 2/1 per foot.

BRACKETS.

A pair of "Closed End" Brackets to form a stop at extreme ends of Track (and sufficient centre or Open Brackets) are sent with each set of Fittings.

"Side Wall" Brackets as examples E and G are of three types.

Open or Through type; Right Hand Closed; Left Hand Closed. All three are the same in price.

Track No. ...	0	1	2 1/2	4
Bracket E ..	8d.	10d.	1/6	3/4
Bracket G ..	1/6	5/-	7/4	11/6

Priced each.

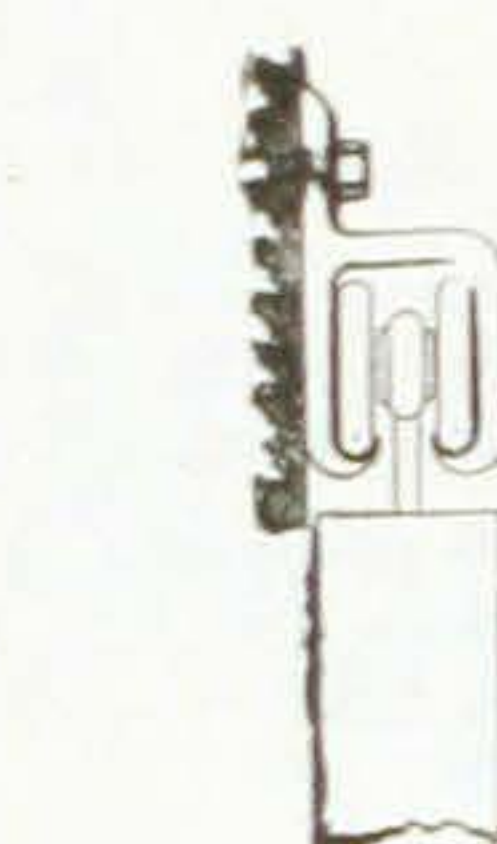
"Parallel Ear" and "Side Ear" Brackets are of two types, Open or Through type or Closed Handed; both the same price.

Track No. ...	0	1	2 1/2	4
Bracket I ..	8d.	1/1	1/8	3/4
Bracket H ..	8d.	1/3	1/11	4/2

Priced each.

Note.—F is simply a group of I Brackets.

HANGERS are of various designs; the accompanying illustrations are a selection. For Fully Illustrated and Explanatory Catalogue ask for Catalogue CT507.



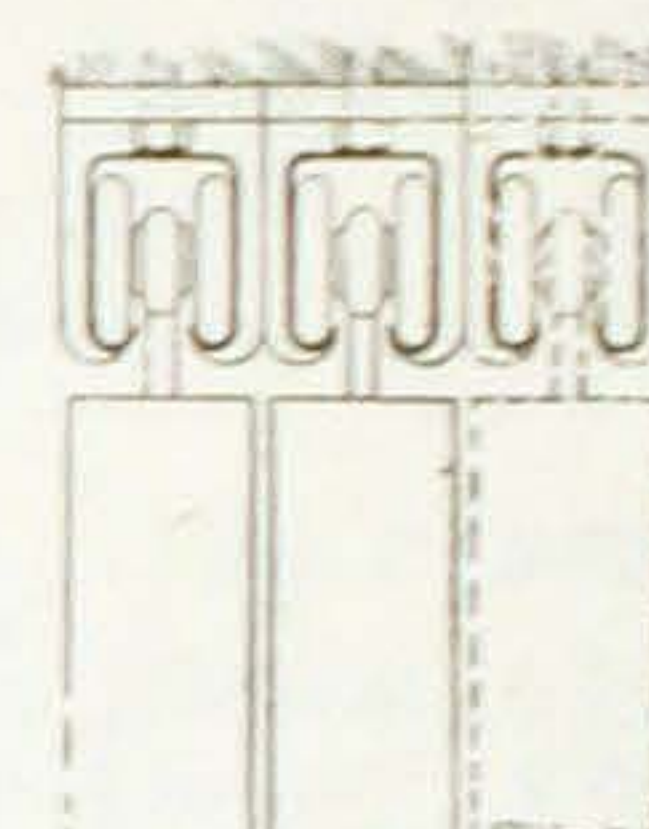
As used on face of wall.
Example E.
Bracket known as "Side Wall."



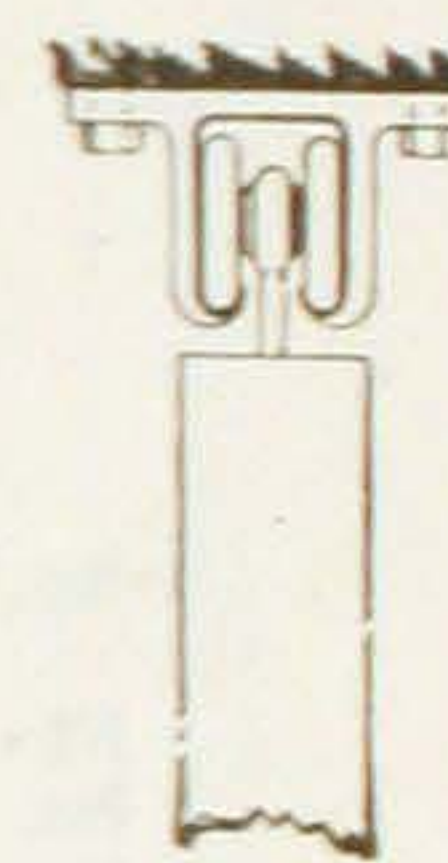
As used on face of wall for doors running over each other.
Example G.
Bracket known as "Double Side Wall."



As used on soffit, with limited space for fixing.
Example I.
Bracket known as "Parallel Ear."

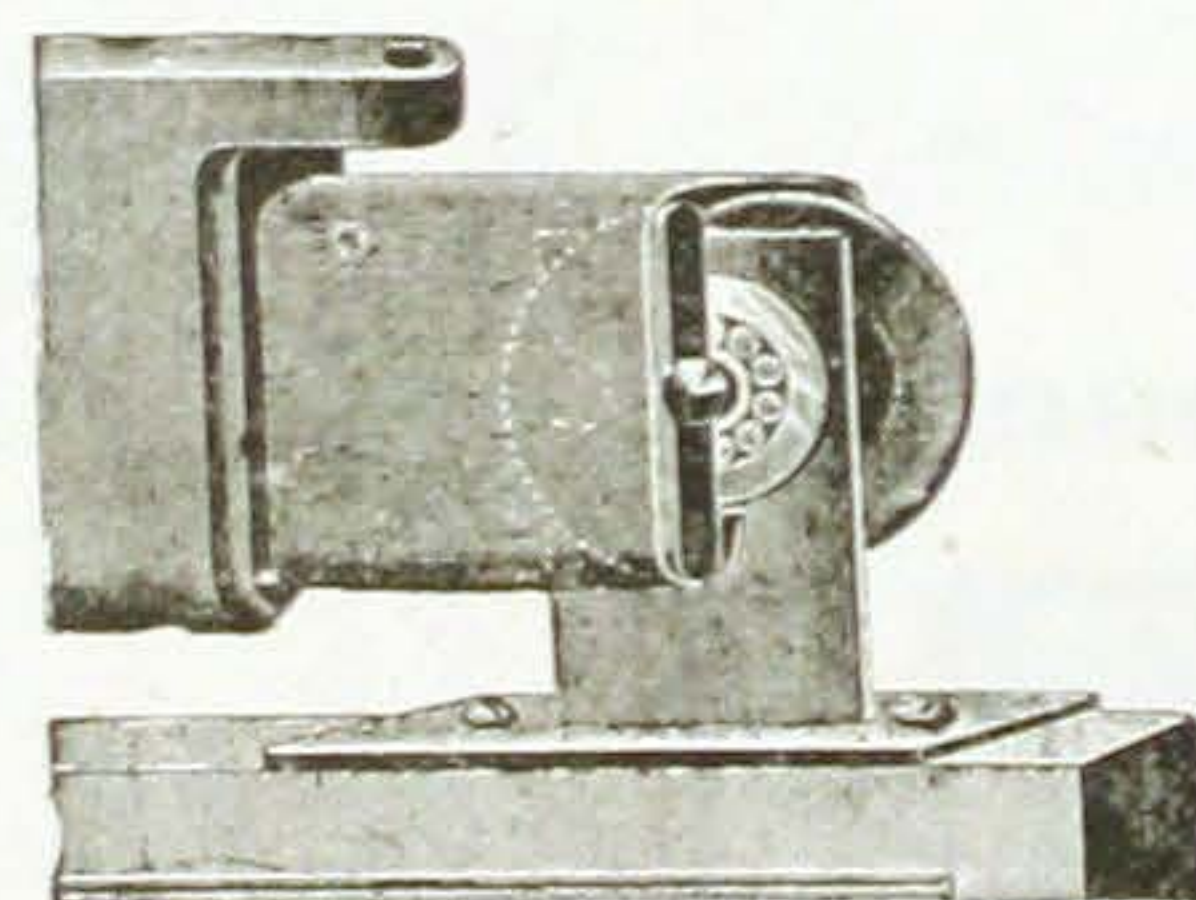


As used on soffit, for two or more doors running over each other.
Example F.
Bracket known as "Parallel Ear."

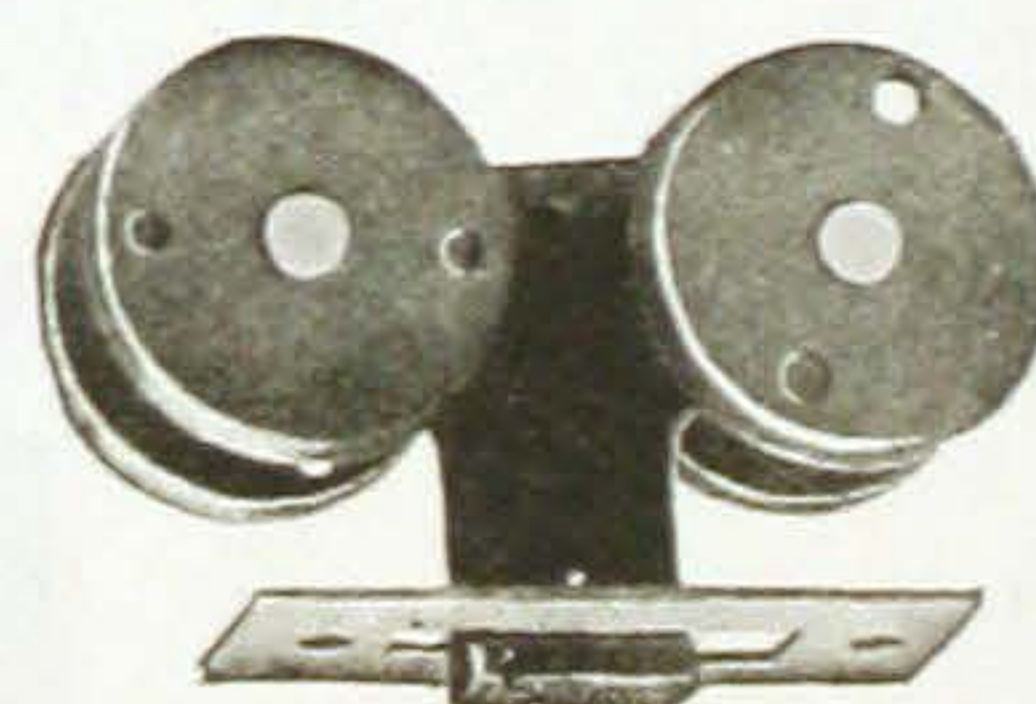


As used on soffit, for single lines of track.
Example H.
Bracket known as "Side Ear."

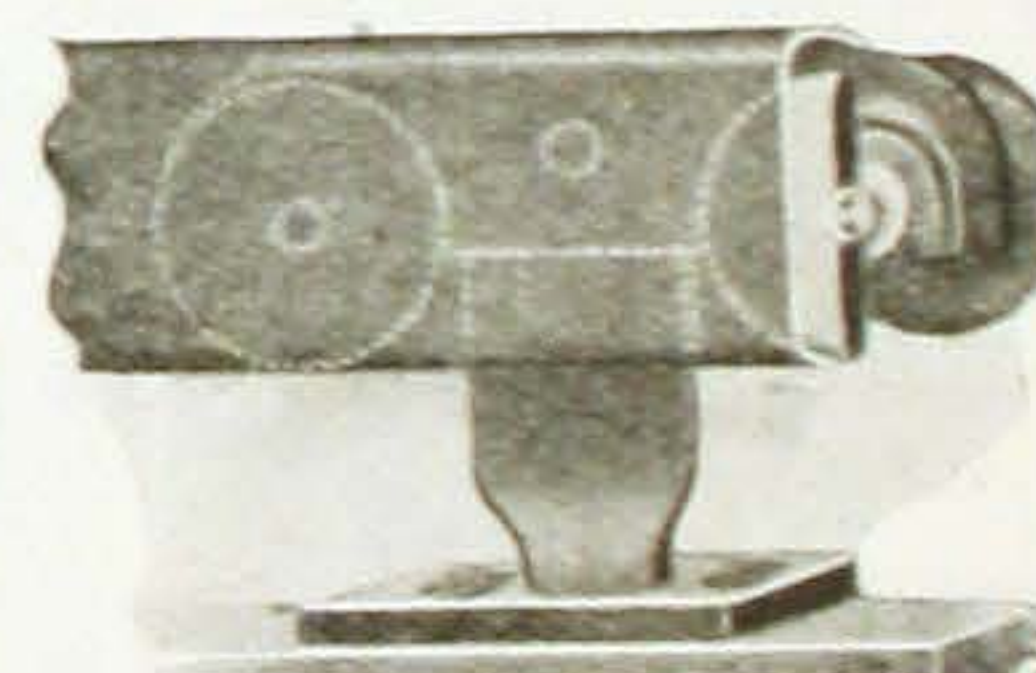
HANGERS.



Size No. 99 Fig. A.
For light Cupboard Doors only, therefore used with No. 0 track, 6/3 per pair.



Size No. 99 Fig. B.
Used with No. 0 Track. For Cupboard Doors up to 40 lbs. 7/3 per pair.



Size No. 95 Suitable for No. 1 Track, 8/4 per pair.

Size No. 119 As illustrated in first illustration on this page for doors up to 200 lbs., 9/2 per pair.

Size No. 120 Ditto for doors 1 1/4" thick and not exceeding 300 lbs., 10/6 per pair.

Size No. 122 Ditto for doors 2 1/4" thick and not exceeding 300 lbs., 10/6 per pair.



Size No. 122 1/2
Used with No. 2 1/2 track, applied to doors weighing up to 400 lbs. 13/6 per pair.



Size No. 137
Hanger with Double Steel Petticoats.

Size No. 137A Used with Track No. 1 for doors not exceeding 3 cwt. .. 12/6 per pair.
Size No. 137B Used with Track No. 2 1/2 for doors not exceeding 5 cwt. .. 16/8 per pair.
Size No. 137C Used with Track No. 4 for doors not exceeding 10 cwt. .. 24/- per pair



Size No. 140
Used with No. 4 Track, suitable for heaviest type of door up to 3" thick, 27/- per pair.

Size No. 130
Similar to 140, used with No. 4 Track, suitable for doors weighing 600-1,000 lbs. and not exceeding 3" in thickness. 22/8 per pair.



Wrought Iron Double Petticoat.
Size Used with
No. Track No.
160A 1 .. 18/9 pair.
160B 2 1/2 .. 20/10 "
160C 4 .. 25/- "
160CS Extra Strong for No. 4 Track, 28/6 pair.



Size No. 181A Used with No. 1 Track for doors not exceeding 300 lbs., 18/6 per pair.

Size No. 181B Used with No. 2 1/2 Track for doors not exceeding 400 lbs., 22/- per pair.

Size No. 181C Used with No. 4 Track for doors not exceeding 10 cwt., 27/6 per pair.

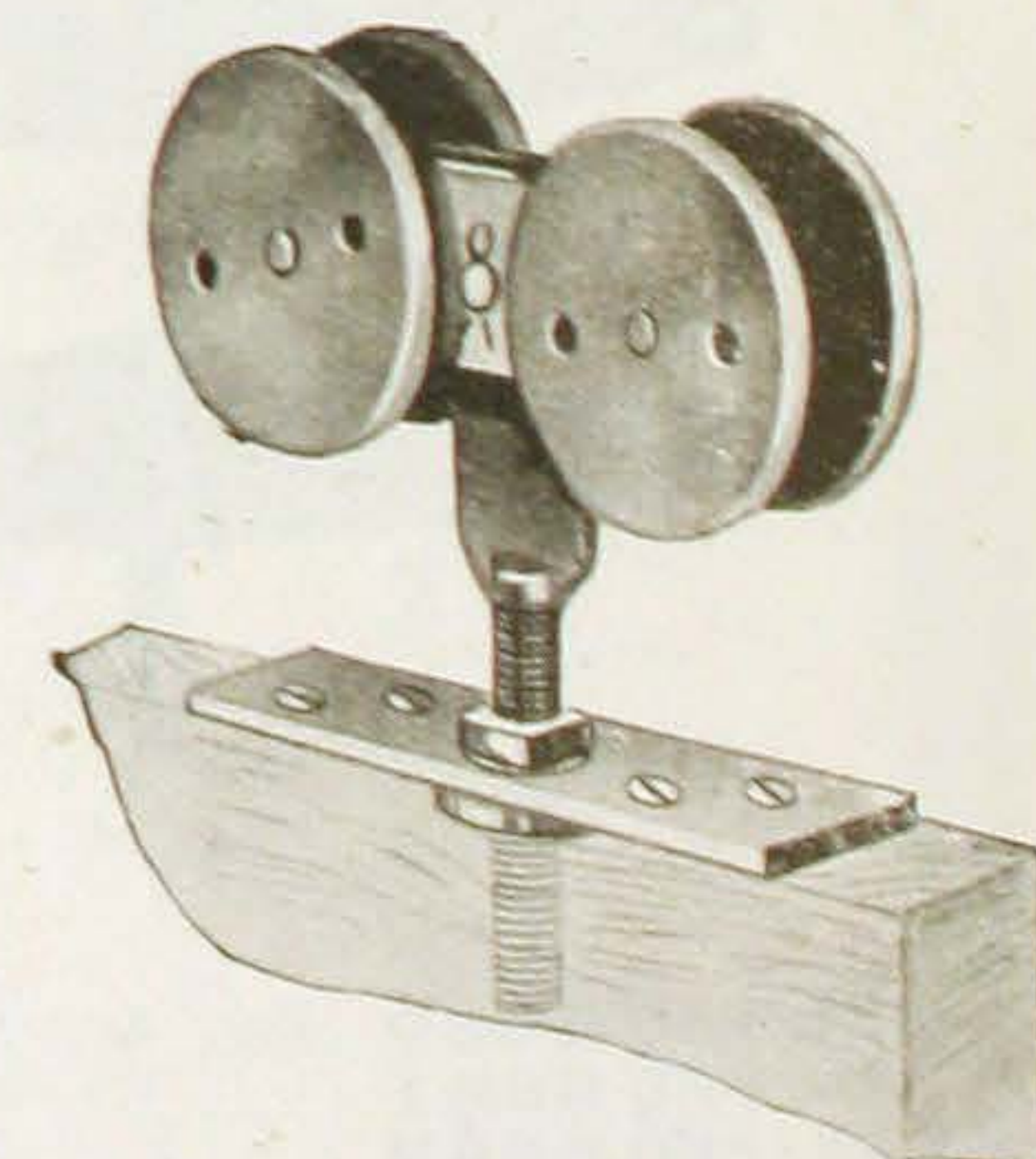


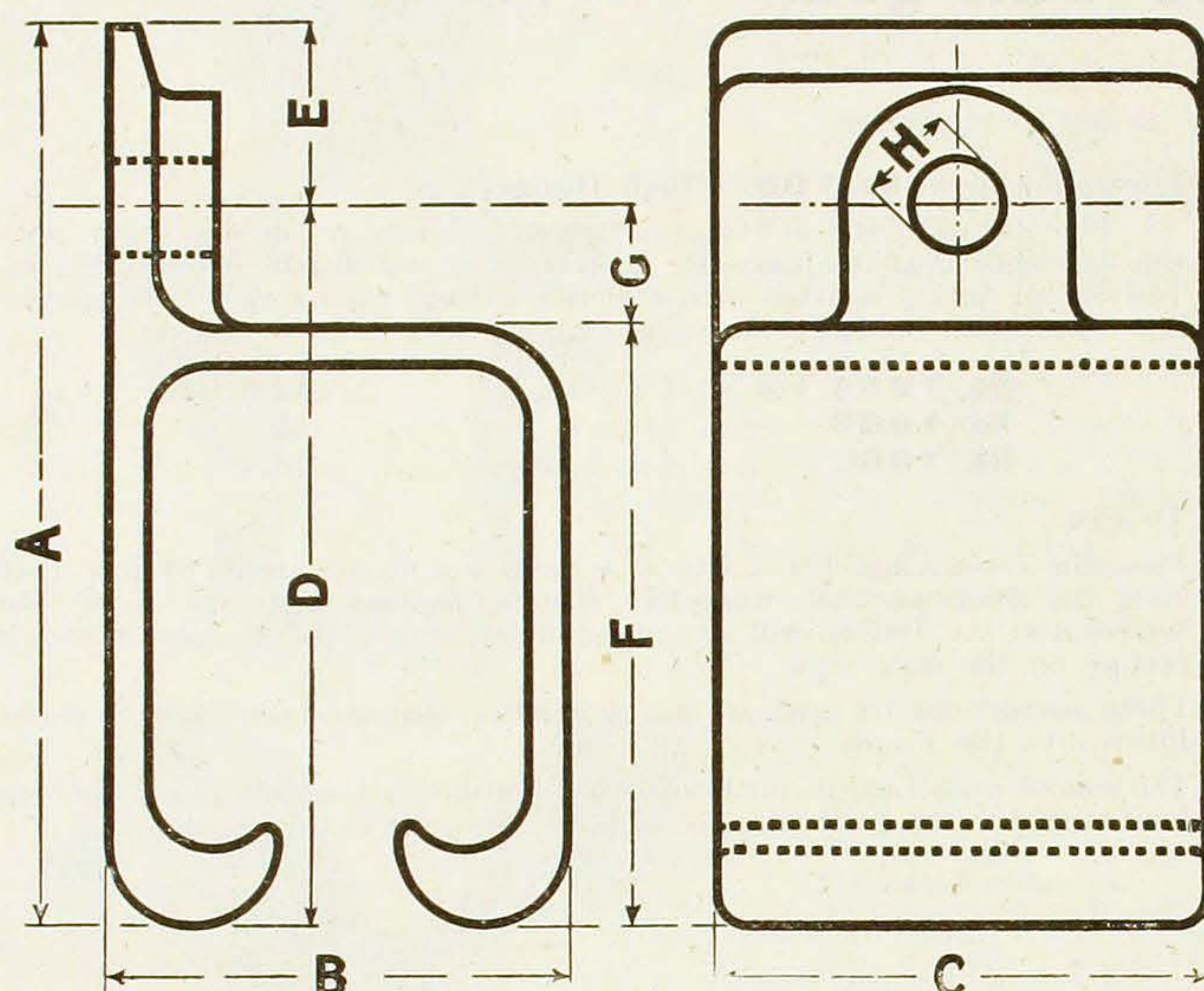
Illustration shows
No. 400 Hanger, which is fitted with Fibre Wheels to obviate noise.
Used with No. 1 Track 19/6 pair.
" " 2 1/2 " 26/6 "
" " 4 " 50/- "

NOTE.—Nos. 120, 122 1/2, 130 and 140 Hangers are fitted with an adjusting screw giving a lateral movement of from 1 1/4" to 2 1/4". This adjustment simplifies the true centre hanging of the door. The movement can be effected with a screwdriver while the door is in position. No load is carried by the adjusting screw.

IMPORTANT.—In ordering, please give thickness of door, and state whether the petticoat is to cut in flush or stand above the work.

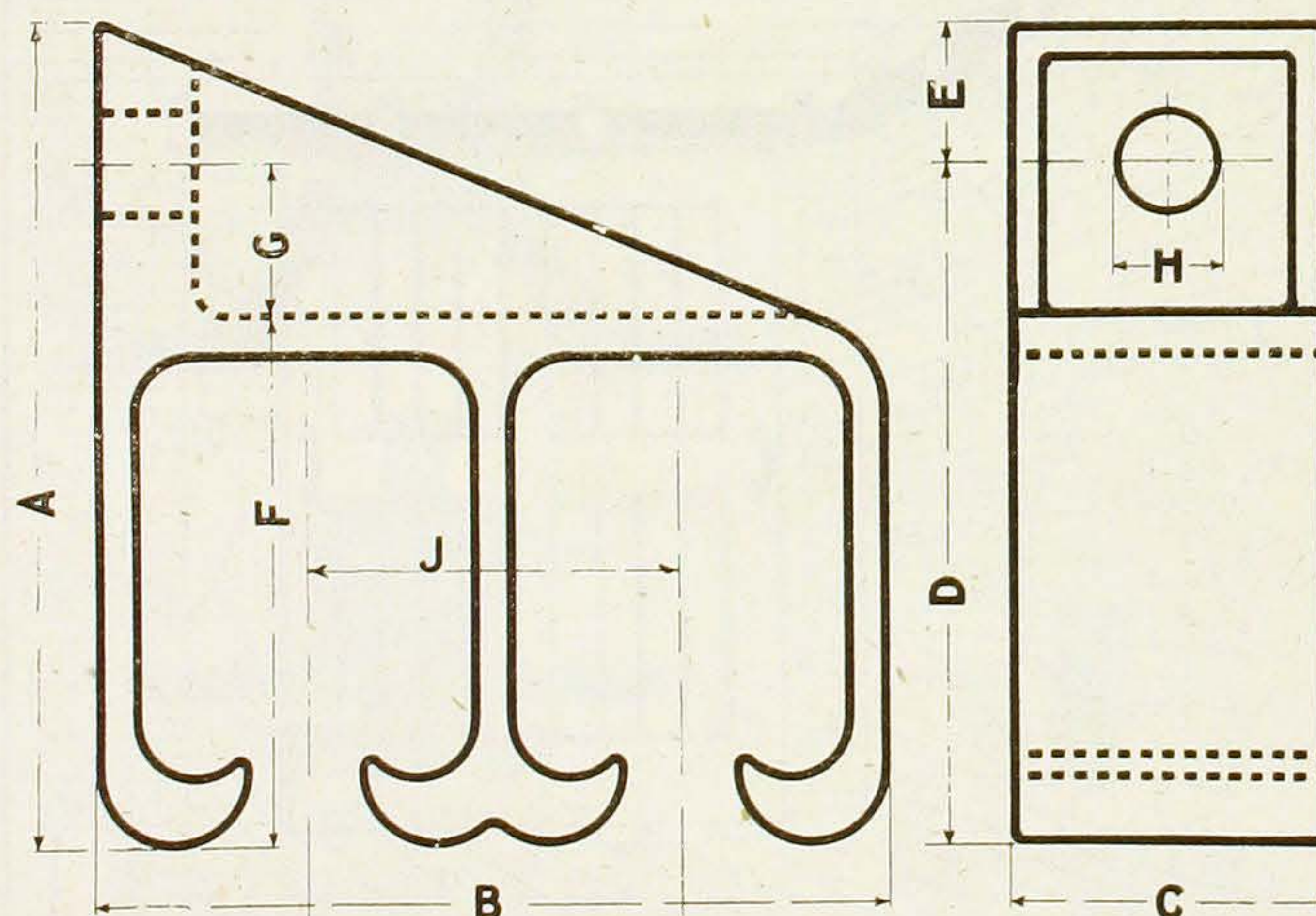
"Coburn" System Brackets, etc.**SIDE WALL BRACKETS**

No. PHQ 8868



Dimensions in Inches.

Track	No.	A	B	C	D	E	F	G	H
No. 0	...	3 1/8	1 1/16	1 1/2	2 1/8	5/8	2 3/4	1 1/2	1/4
" 1	...	4 1/4	2 3/8	2 1/2	3 3/8	7/8	3 1/4	1 1/2	1/2
" 2 1/2	...	5 3/8	2 3/8	2 1/2	4 9/16	1 1/8	3 7/8	1 1/2	1/2
" 3	...	6 3/4	3 3/4	4	6	1 1/2	5	1 1/2	3/4
" 4	...	7 1/2	3 5/8	4	6	1 1/2	4 7/8	1 1/2	3/4
" 5	...	7 1/2	3 3/4	4	6	1 1/2	5	1	3/4

**DOUBLE SIDE WALL BRACKETS**

No. PHQ 8869

Dimensions in Inches.

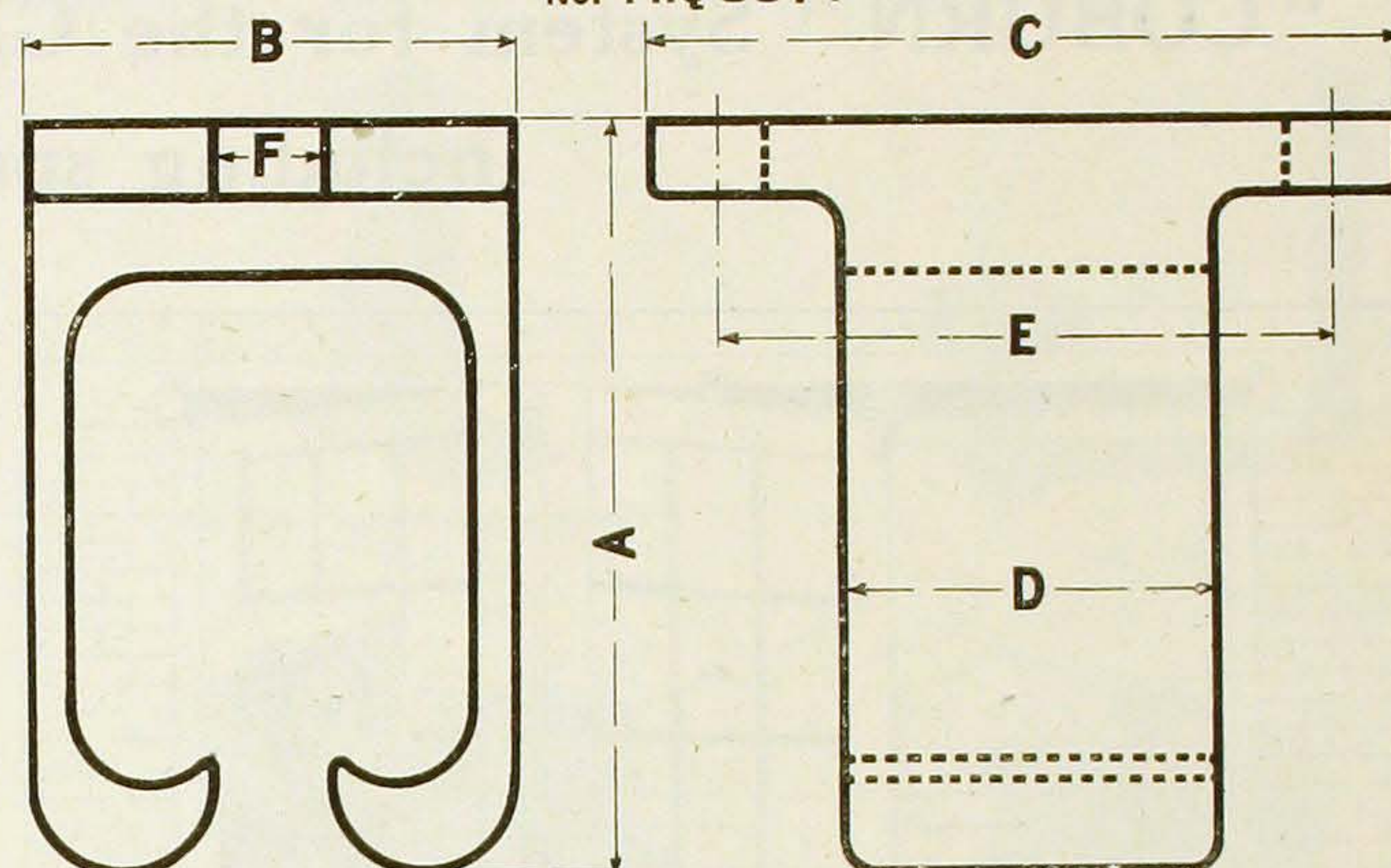
Track	No.	A	B	C	D	E	F	G	H	J
No. 0	...	3 3/8	3	1 1/2	2 3/4	5/8	2 1/8	5/8	3/8	1 7/16
" 1	...	5 1/2	4 3/8	2 1/2	4 1/8	1 3/8	2 7/8	1 1/4	5/8	2
" 2 1/2	...	6 3/8	4 1/2	2 7/8	5 5/16	1 7/16	4 5/16	1	11/16	2
" 3, 4 or 5	...	8	7 1/4	3	6 1/2	1 1/2	5 3/8	1 1/8	3/4	3 3/8

Example G
As used on face of wall for doors running over each other.

Bracket known as "Double Side Wall"

PARALLEL EAR BRACKETS

No. PHQ 8871

**Example I.**

As used on soffit, with limited space for fixing.

Bracket known as "Parallel Ear."

Example F.

Brackets fixed side by side.

As used on soffit, for two or more doors running over each other.

Brackets known as "Parallel Ear."

Example I.**Example F.**

Dimensions in Inches.

Track	No.	A	B	C	D	E	F
No. 0	...	2 1/4	1 5/8	3 1/8	1 1/2	2 9/16	1/4
" 1	...	3 1/2	2 3/8	4 1/2	2	3 1/4	3/8
" 2 1/2	...	4 3/4	2 3/8	4 1/16	2 1/8	3 1/2	1/2
" 3, 4 or 5	...	5 1/2	3 3/4	6	3	4 3/4	3/4

PRICES AND NUMBERS.

No. PHQ 8868		For Track	Bracket	Price
SIDE WALL BRACKETS.		No.	No.	each.
Open or through type	...	0	85	8d.
Closed right hand	...	0	86	8d.
Closed left hand	...	0	87	8d.
Open or through type	...	1	16	10d.
Closed right hand	...	1	14	10d.
Closed left hand	...	1	15	10d.
Open or through type	...	2 1/2	217	1/6
Closed right hand	...	2 1/2	218	1/6
Closed left hand	...	2 1/2	219	1/6
Open or through type	...	3	47	2/1
Closed right hand	...	3	48	2/1
Closed left hand	...	3	49	2/1
Open or through type	...	4 or 5	44	3/4
Closed right hand	...	4 or 5	45	3/4
Closed left hand	...	4 or 5	46	3/4

**No. PHQ 8869
DOUBLE SIDE WALL BRACKETS**

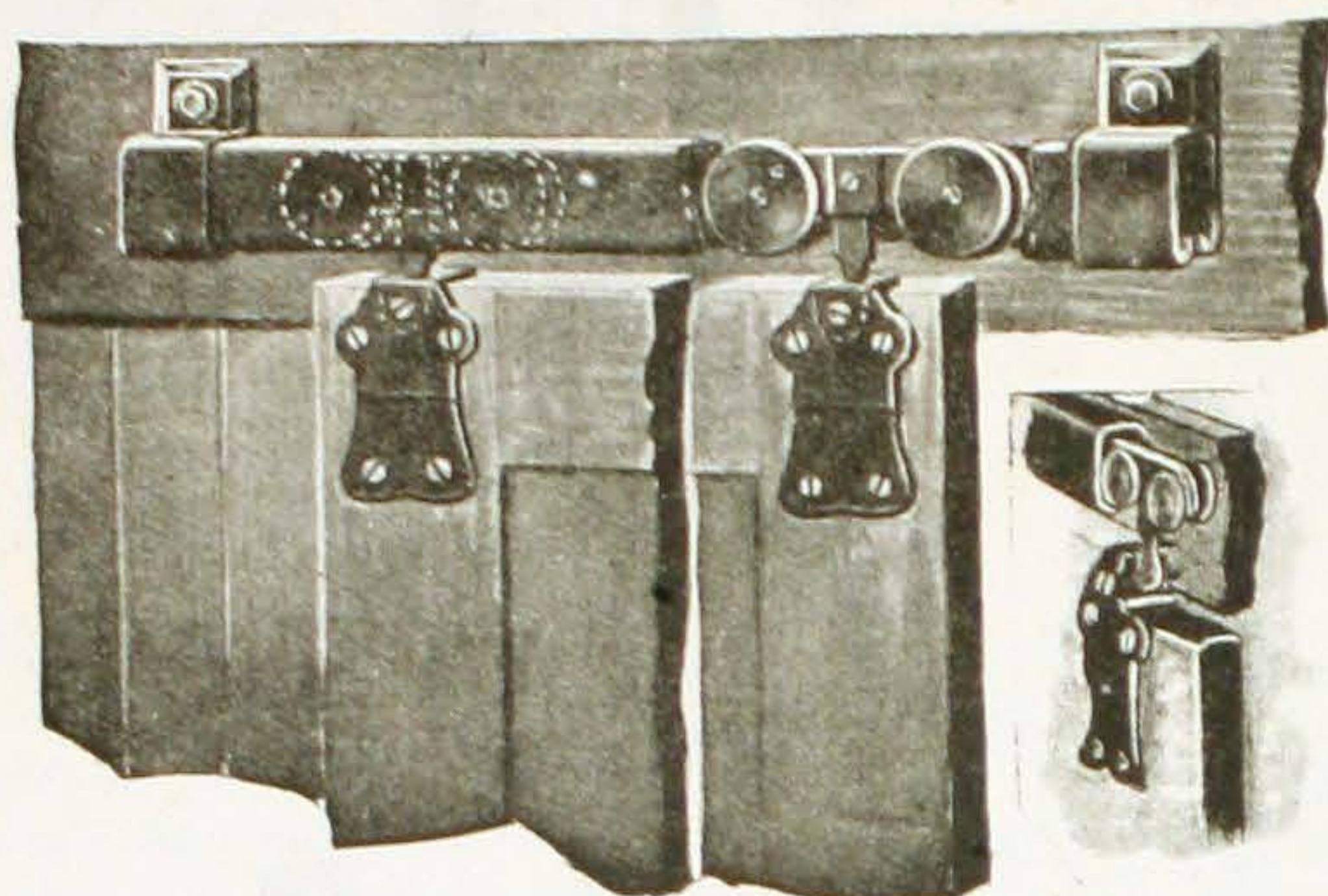
Open or through type	...	0	100	1/6
Right hand closed	...	0	101	1/6
Left hand closed	...	0	102	1/6
Open or through type	...	1	118	5/-
Right hand closed	...	1	119	5/-
Left hand closed	...	1	120	5/-
Open or through type	...	2 1/2	125	7/4
Right hand closed	...	2 1/2	126	7/4
Left hand closed	...	2 1/2	127	7/4
Open or through type	...	3, 4, or 5	111	11/6
Right hand closed	...	3, 4 or 5	112	11/6
Left hand closed	...	3, 4 or 5	113	11/6

**No. PHQ 8871
PARALLEL EAR BRACKETS.**

Open or through type	...	0	89	8d.
Closed (handed)	...	0	90	8d.
Open or through type	...	1	21	1/1
Closed (handed)	...	1	22	1/1
Open or through type	...	2 1/2	221	1/8
Closed (handed)	...	2 1/2	222	1/8
Open or through type	...	3, 4, or 5	52	3/4
Closed (handed)	...	3, 4, or 5	53	3/4

"COBURN" Round Trough Steel Track and Fittings

No. PHQ 8845



Front Elevation.

TRACK.
For sizes see diagram above.

Size No. 0 20 gauge Steel.
For Light Cupboard Doors only.
Black Japanned, 8d. per foot.

Size No. 1 16 gauge Steel.
Suitable for Doors up to 300 lbs.
Black Japanned, 10d. per foot.

For Sliding Doors of all kinds.

The illustration on left shows a typical example of "Coburn" Hung Doors. The system is comprised of:—

Track (see diagram on right), obtainable in the various sizes mentioned.

Brackets, Hanging or Suspending For supporting the Track or Tracks.

Hangers. Consisting of Trolley which runs in Track and affixing Cast Petticoat or Double Petticoat.

Full Size Section of Track No. 1.

Depth. Width.

Size 0 is $1\frac{1}{2}" \times 1\frac{1}{4}"$ " 1 is $2" \times 1\frac{1}{4}"$ " $2\frac{1}{2}"$ is $3\frac{1}{2}" \times 1\frac{1}{4}"$ " 4 is $3\frac{1}{2}" \times 2\frac{1}{4}"$

Size No. 4
Suitable for the Heaviest type of Door.
Black Japanned, 2/1 per foot.

BRACKETS.

A pair of "Closed End" Brackets to form a stop at extreme ends of Track (and sufficient centre or Open Brackets) are sent with each set of Fittings.

"Side Wall" Brackets as examples E and G are of three types.

Open or Through type; Right Hand Closed; Left Hand Closed. All three are the same in price.

Track No. . .	0	1	$2\frac{1}{2}$	4
Bracket E . .	8d.	10d.	$1/6$	$3/4$
Bracket G . .	$1/6$	$5/-$	$7/4$	$11/6$

Priced each.

"Parallel Ear" and "Side Ear" Brackets are of two types, Open or Through type or Closed Handed; both the same price.

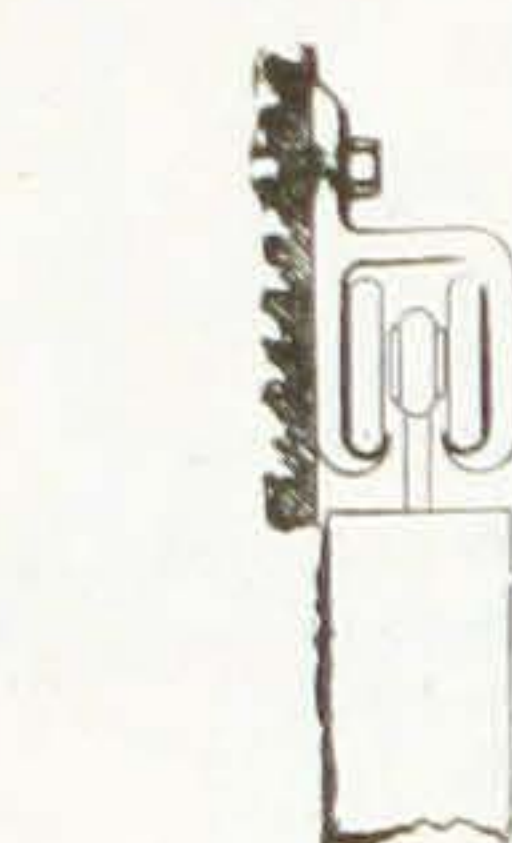
Track No. . .	0	1	$2\frac{1}{2}$	4
Bracket I . .	8d.	$1/1$	$1/8$	$3/4$
Bracket H . .	8d.	$1/3$	$1/11$	$4/2$

Priced each.

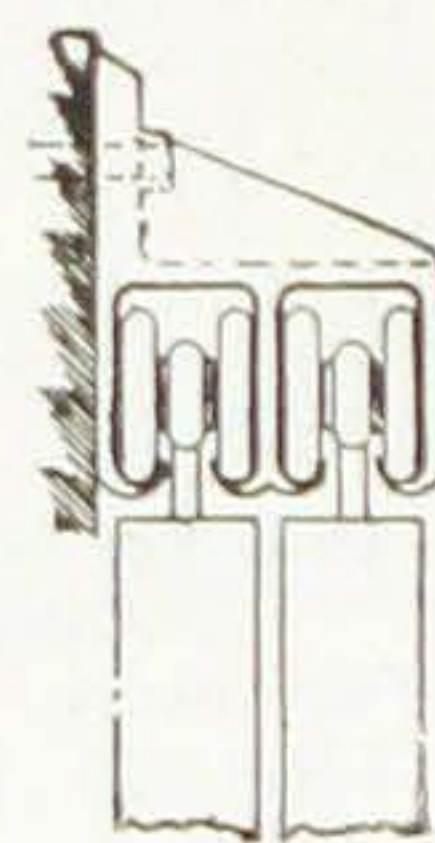
Note.—F is simply a group of I Brackets.

HANGERS are of various designs; the accompanying illustrations are a selection

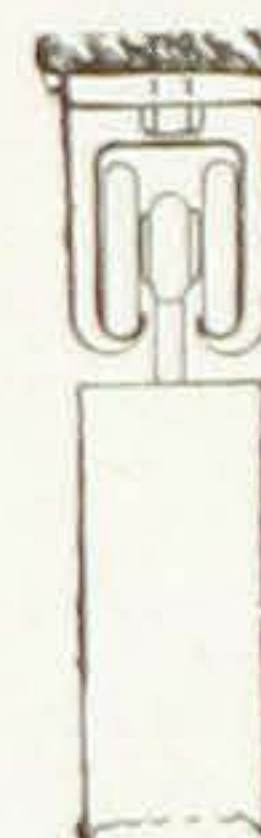
For Fully Illustrated and Explanatory Catalogue ask for Catalogue GT507.



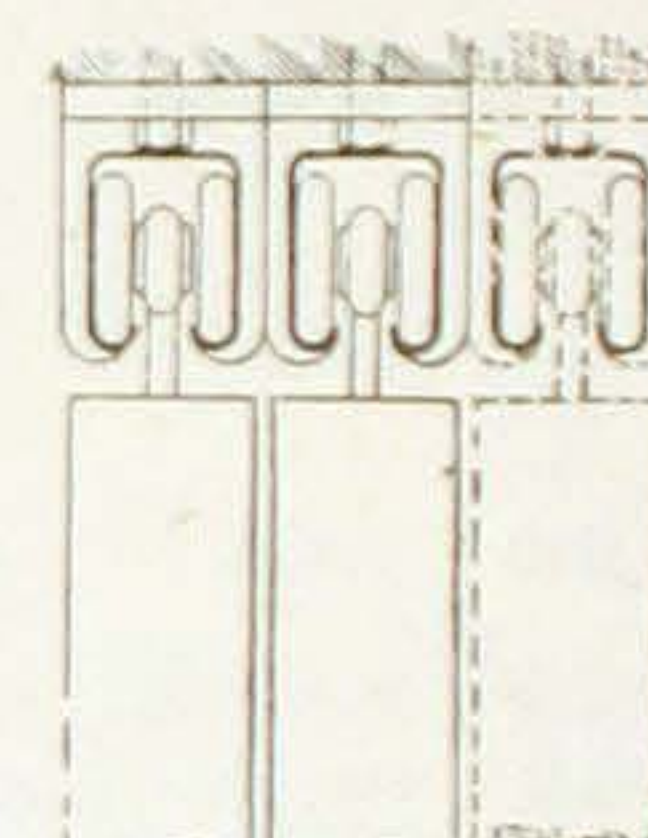
As used on face of wall.
Example E.
Bracket known as "Side Wall."



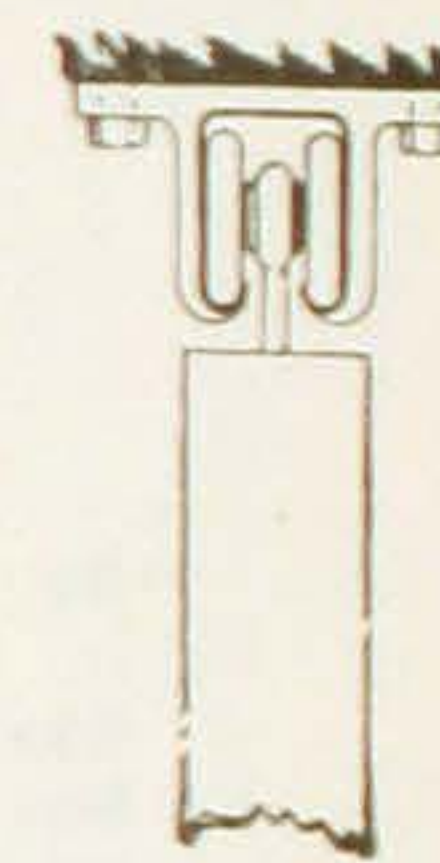
As used on face of wall for doors running over each other.
Example G.
Bracket known as "Double Side Wall."



As used on soffit, with limited space for fixing.
Example I.
Bracket known as "Parallel Ear."

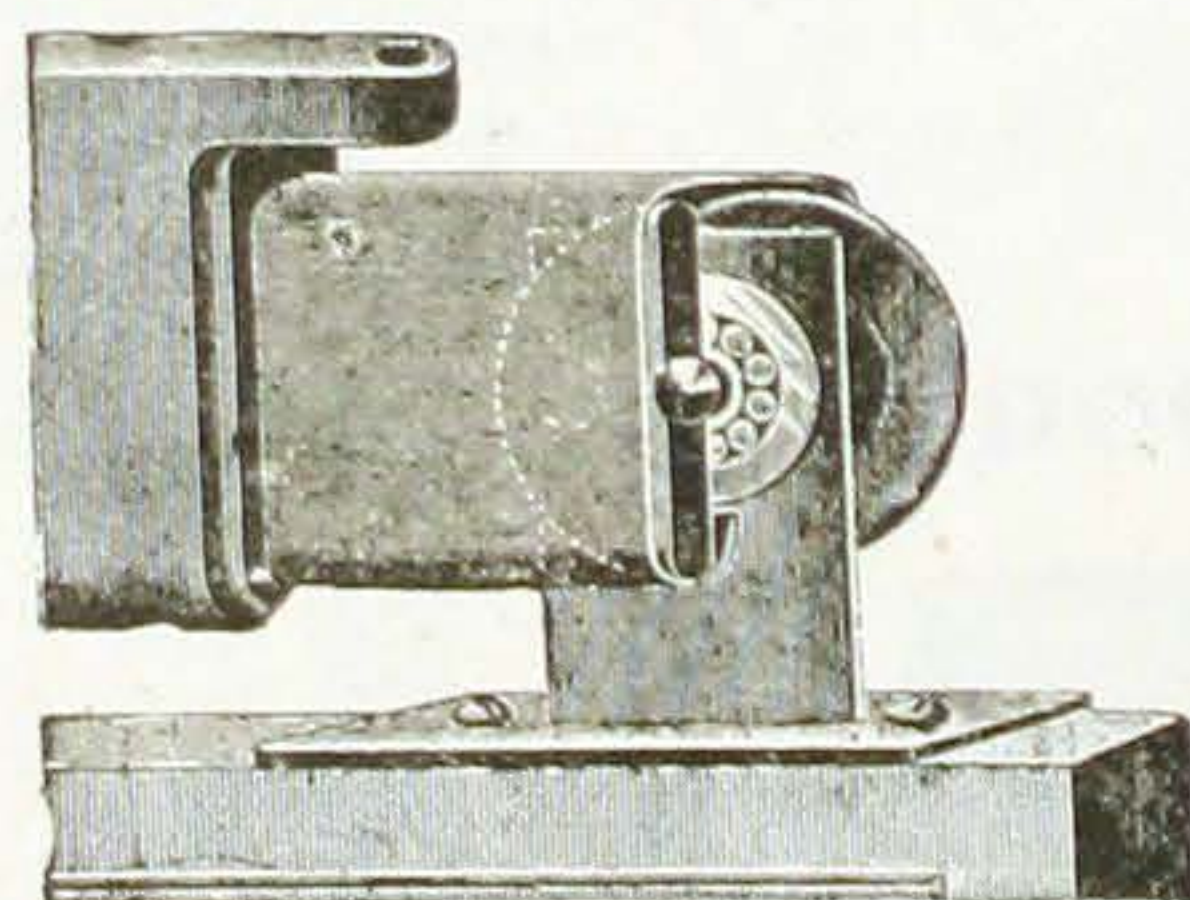


As used on soffit, for two or more doors running over each other.
Example F.
Bracket known as "Parallel Ear."

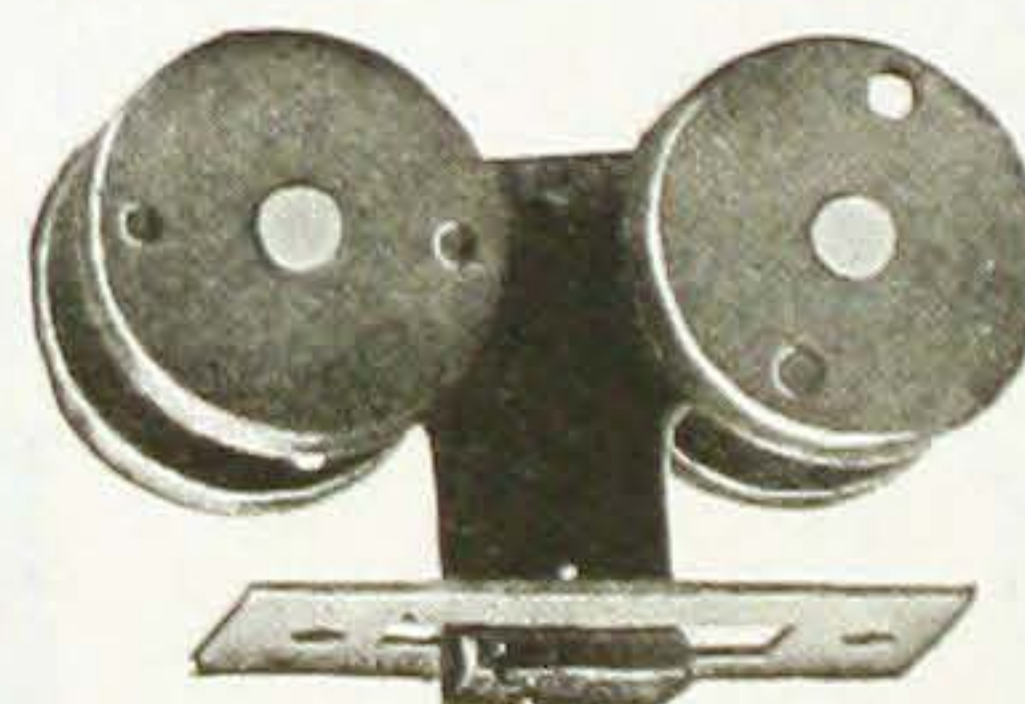


As used on soffit, for single lines of track.
Example H.
Bracket known as "Side Ear."

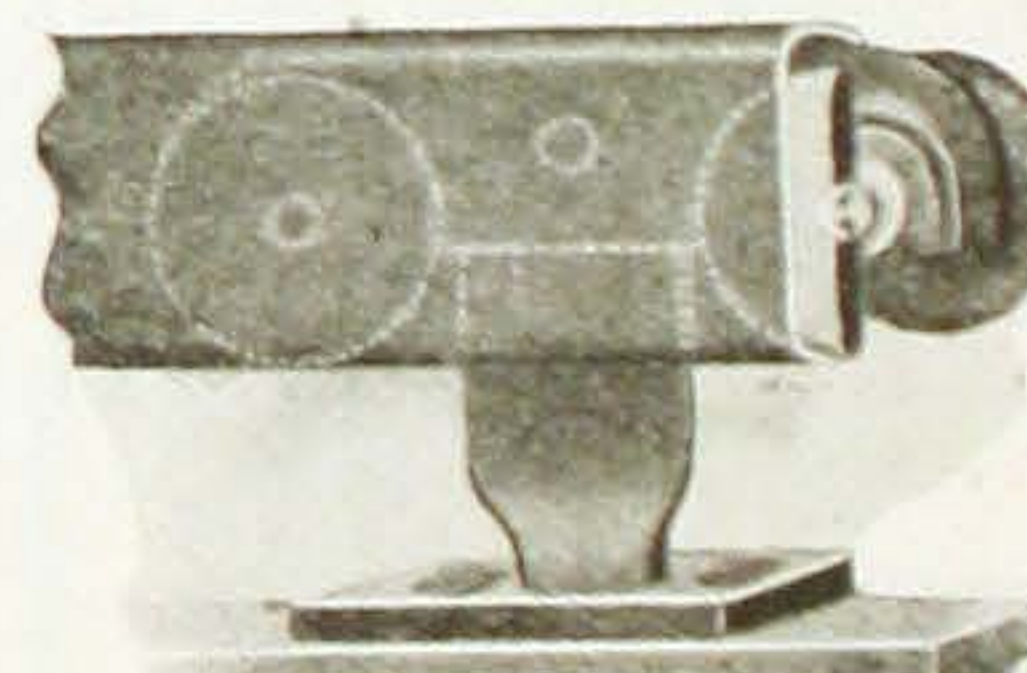
HANGERS.



Size No. 99 Fig. A.
For light Cupboard Doors only, therefore used with No. 0 track, 6/3 per pair.



Size No. 99 Fig. B.
Used with No. 0 Track. For Cupboard Doors up to 40 lbs. 7/3 per pair.



Size No. 95 Suitable for No. 1 Track, 8/4 per pair.

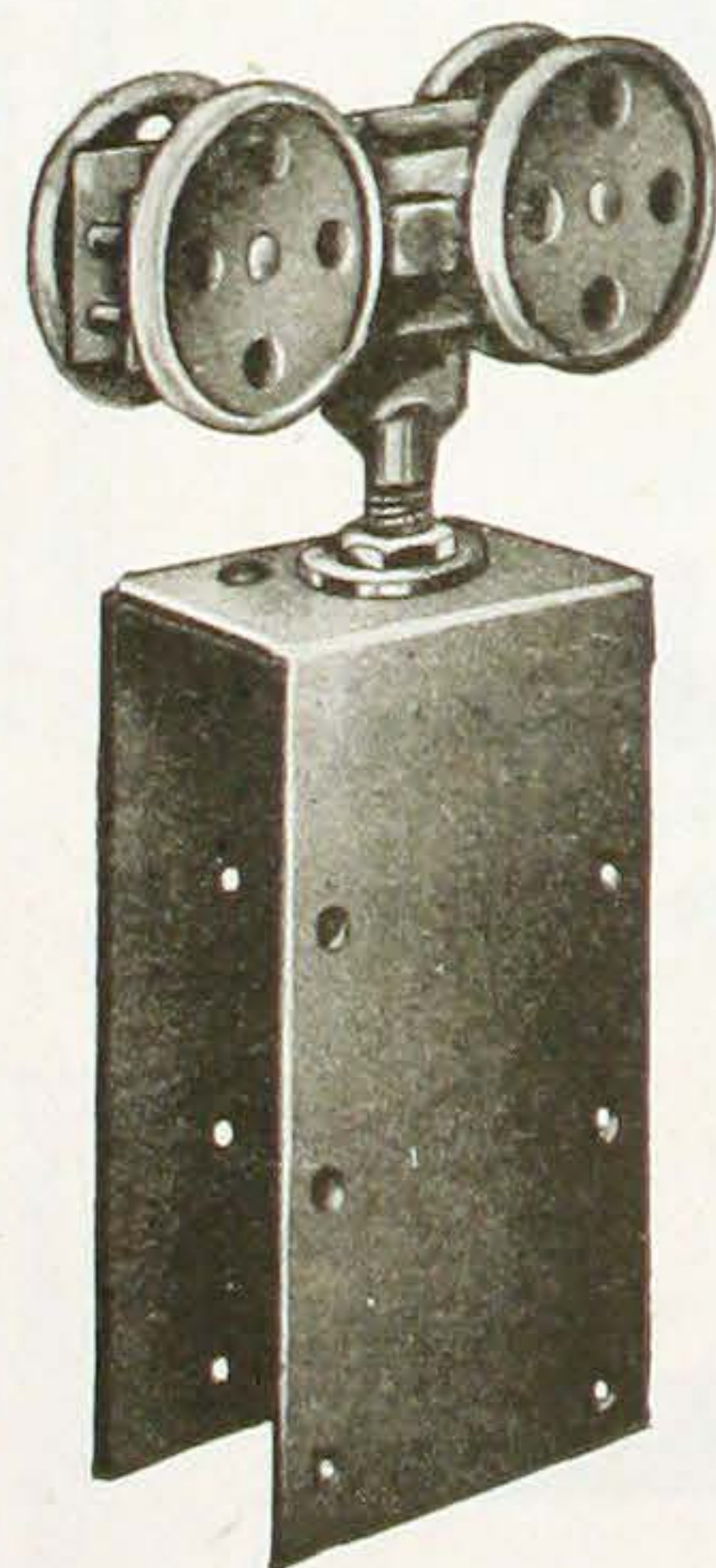
Size No. 119 As illustrated in first illustration on this page for doors up to 200 lbs., 9/2 per pair.

Size No. 120 Ditto for doors $1\frac{1}{2}"$ thick and not exceeding 300 lbs., 10/6 per pair.

Size No. 122 Ditto for doors $2\frac{1}{4}"$ thick and not exceeding 300 lbs., 10/6 pair.



Size No. 122 1/2
Used with No. $2\frac{1}{2}"$ track, applied to doors weighing up to 400 lbs. 13/9 per pair.



Size No. 137
Hanger with Double Steel Petticoats.

Size No. 137A Used with Track No. 1 for doors not exceeding 3 cwt. . . 12/6 per pair.
Size No. 137B Used with Track No. $2\frac{1}{2}"$ for doors not exceeding 5 cwt. . . 16/8 per pair.
Size No. 137C Used with Track No. 4 for doors not exceeding 10 cwt. . . 24/- per pair



Size No. 140
Used with No. 4 Track, suitable for heaviest type of door up to 3" thick, 27/- per pair.
Size No. 130
Similar to 140, used with No. 4 Track, suitable for doors weighing 600-1,000 lbs. and not exceeding 3" in thickness. 22/8 per pair.



Wrought Iron Double Petticoat.
Size Used with
No. Track No.
160A 1 . . . 18/9 pair.
160B $2\frac{1}{2}$. . . 20/10 "
160C 4 . . . 25/- "
160CS Extra Strong for No. 4 Track, 28/6 pair.



Size No. 181A Used with No. 1 Track for doors not exceeding 300 lbs., 18/6 per pair.

Size No. 181B Used with No. $2\frac{1}{2}"$ Track for doors not exceeding 400 lbs., 22/- per pair.

Size No. 181C Used with No. 4 Track for doors not exceeding 10 cwt., 27/6 per pair.

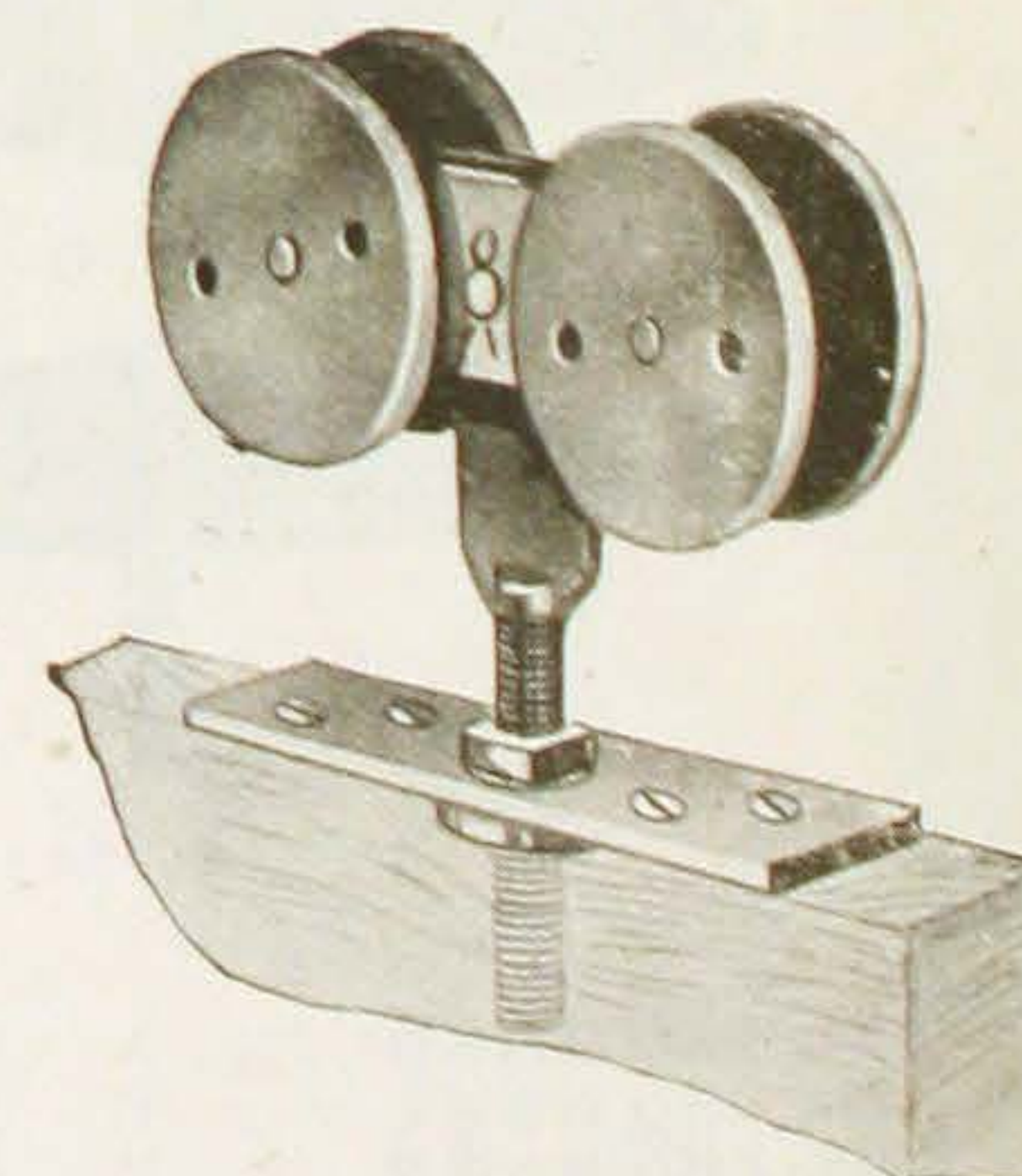
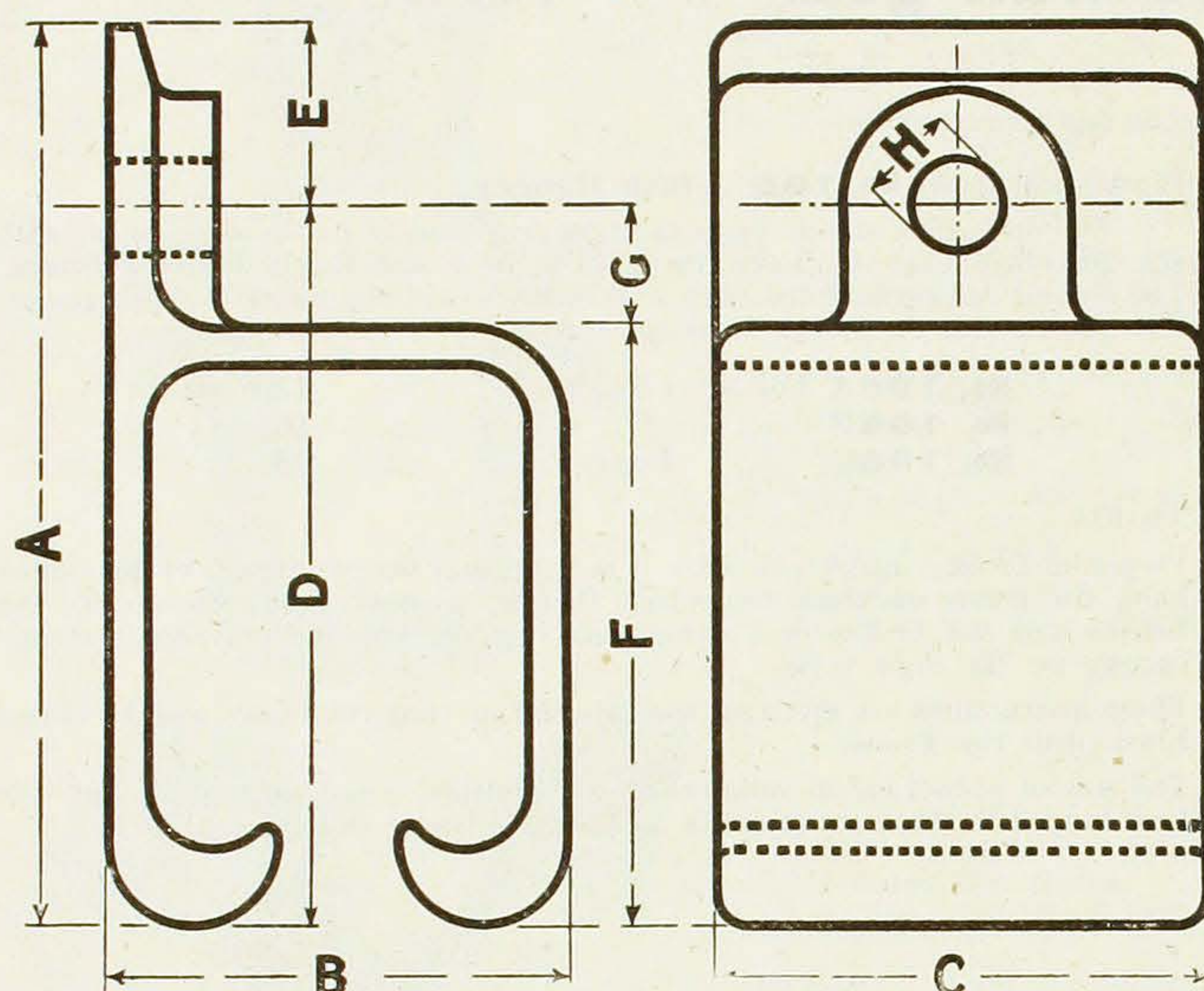


Illustration shows
No. 400 Hanger, which is fitted with Fibre Wheels to obviate noise.
Used with No. 1 Track 19/6 pair.
" " $2\frac{1}{2}"$ " 26/6 "
" " 4 " 50/- "

NOTE.—Nos. 120, 122 1/2, 130 and 140 Hangers are fitted with an adjusting screw giving a lateral movement of from $1\frac{1}{4}"$ to $2\frac{1}{4}"$. This adjustment simplifies the true centre hanging of the door. The movement can be effected with a screwdriver while the door is in position. No load is carried by the adjusting screw.
IMPORTANT.—In ordering, please give thickness of door, and state whether the petticoat is to cut in flush or stand above the work.

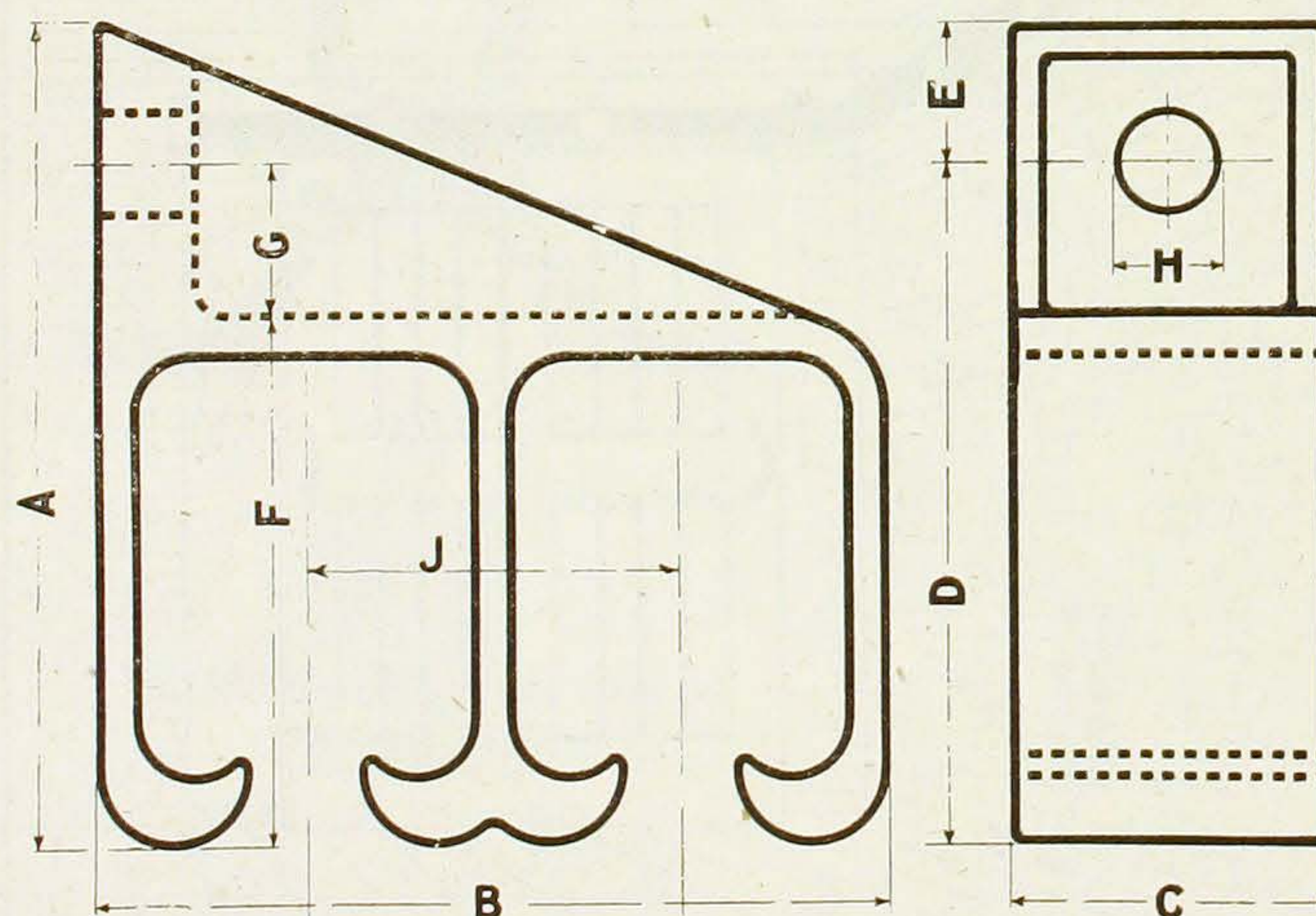
"Coburn" System Brackets, etc.**SIDE WALL BRACKETS**

No. PHQ 8868



Dimensions in Inches.

Track	No.	A	B	C	D	E	F	G	H
No. 0	...	3 1/8	1 9/16	1 1/2	2 1/8	5/8	2 3/4	1 1/2	1/4
" 1	...	4 1/4	2 3/8	2 1/2	3 3/8	7/8	3 1/4	1 5/8	1/2
" 2 1/2	...	5 3/8	2 3/8	2 11/16	4 9/16	1 1/16	3 7/8	1 1/8	3/4
" 3	...	6 3/4	3 3/4	4	6	1 1/2	5	1	3/4
" 4	...	7 1/2	3 5/8	4	6	1 1/2	4 7/8	1 1/8	3/4
" 5	...	7 1/2	3 3/4	4	6	1 1/2	5	1	3/4

**DOUBLE SIDE WALL BRACKETS**

No. PHQ 8869

Dimensions in Inches.

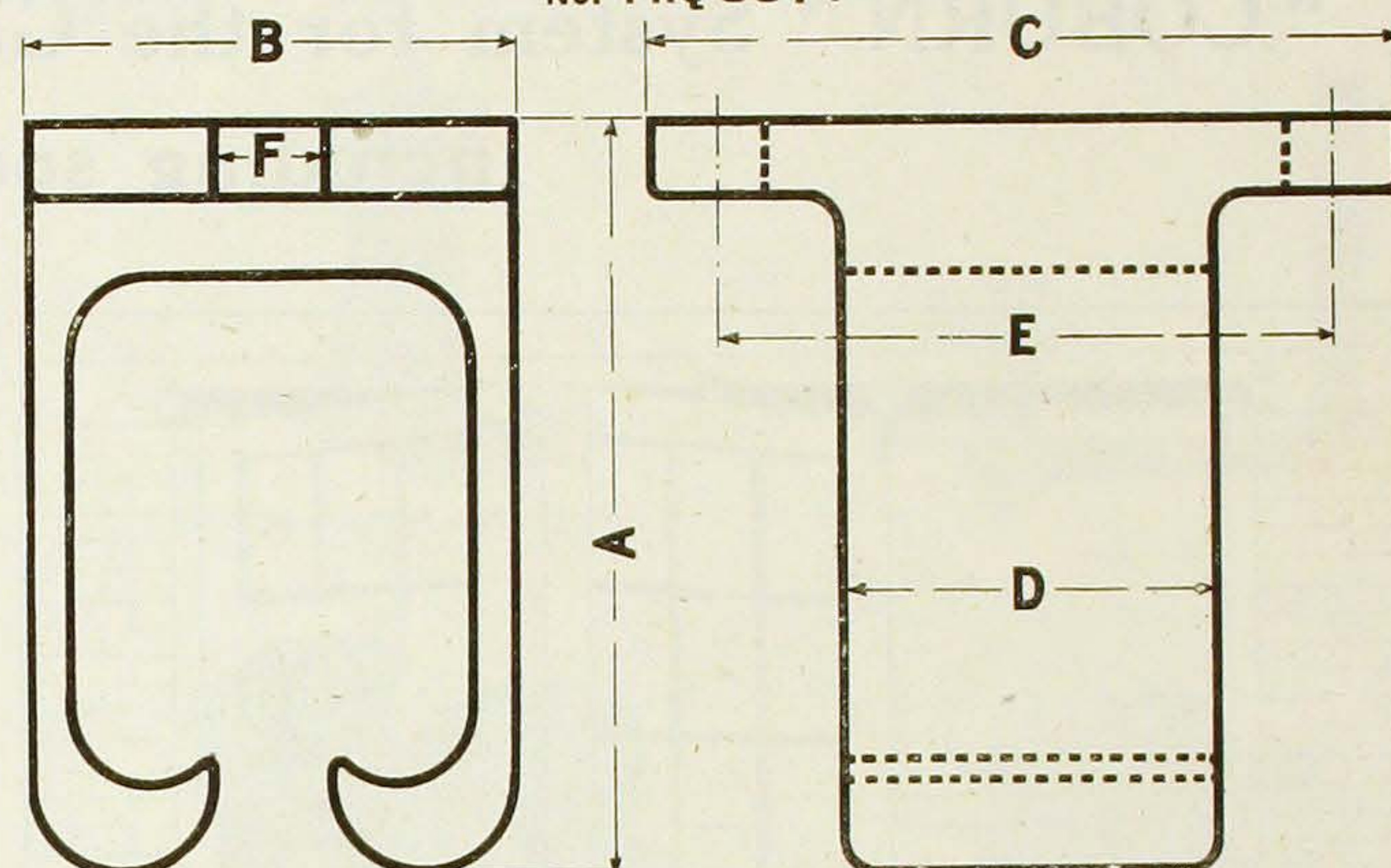
Track	No.	A	B	C	D	E	F	G	H	J
No. 0	...	3 3/8	3	1 1/2	2 3/4	5/8	2 1/8	5/8	3/8	1 7/16
" 1	...	5 1/2	4 3/8	2 1/2	4 1/8	1 3/8	2 7/8	1 1/4	5/8	2
" 2 1/2	...	6 3/8	4 1/2	2 7/8	5 5/16	1 1/16	4 5/16	1	11/16	2
" 3, 4 or 5	...	8	7 1/4	3	6 1/2	1 1/2	5 3/8	1 1/8	3/4	3 3/8

Example G
As used on face of wall for doors running over each other.

Bracket known as "Double Side Wall."

PARALLEL EAR BRACKETS

No. PHQ 8871

**Example I.**

As used on soffit, with limited space for fixing.

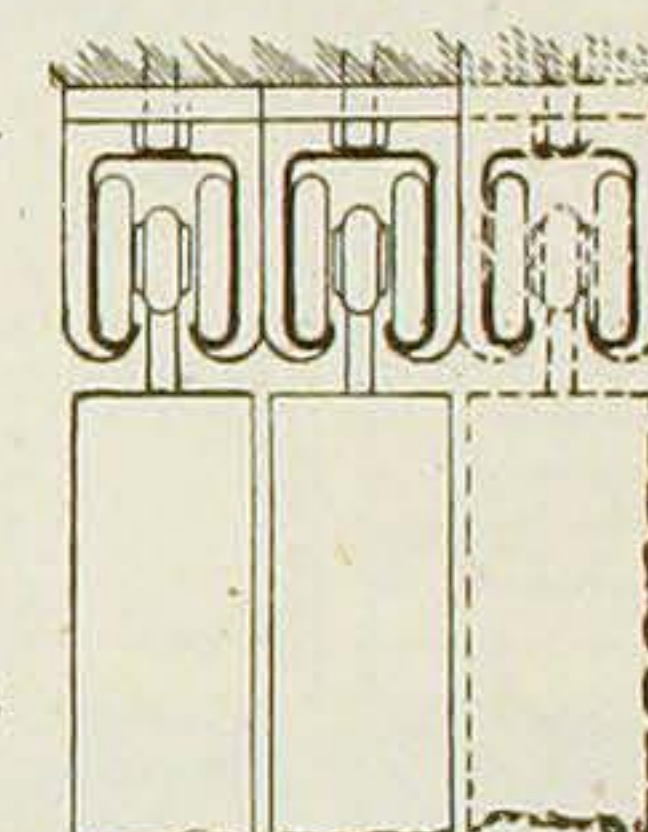
Bracket known as "Parallel Ear."

Example F.

Brackets fixed side by side.

As used on soffit, for two or more doors running over each other.

Brackets known as "Parallel Ear."

**Example F.**

Dimensions in Inches.

Track	No.	A	B	C	D	E	F
No. 0	...	2 1/4	1 5/8	3 1/8	1 1/2	2 9/16	1/4
" 1	...	3 1/2	2 3/8	4 1/2	2	3 1/4	3/8
" 2 1/2	...	4 3/4	2 3/8	4 1/16	2 1/8	3 1/2	1/2
" 3, 4 or 5	...	5 1/2	3 3/4	6	3	4 3/4	3/4

PRICES AND NUMBERS.

No. PHQ 8868		For Track	Bracket	Price
SIDE WALL BRACKETS.		No.	No.	each.
Open or through type	...	0	85	8d.
Closed right hand	...	0	86	8d.
Closed left hand	...	0	87	8d.
Open or through type	...	1	16	10d.
Closed right hand	...	1	14	10d.
Closed left hand	...	1	15	10d.
Open or through type	...	2 1/2	217	1/6
Closed right hand	...	2 1/2	218	1/6
Closed left hand	...	2 1/2	219	1/6
Open or through type	...	3	47	2/1
Closed right hand	...	3	48	2/1
Closed left hand	...	3	49	2/1
Open or through type	...	4 or 5	44	3/4
Closed right hand	...	4 or 5	45	3/4
Closed left hand	...	4 or 5	46	3/4

**No. PHQ 8869
DOUBLE SIDE WALL BRACKETS**

Open or through type	...	0	100	1/6
Right hand closed	...	0	101	1/6
Left hand closed	...	0	102	1/6
Open or through type	...	1	118	5/-
Right hand closed	...	1	119	5/-
Left hand closed	...	1	120	5/-
Open or through type	...	2 1/2	125	7/4
Right hand closed	...	2 1/2	126	7/4
Left hand closed	...	2 1/2	127	7/4
Open or through type	...	3, 4, or 5	111	11/6
Right hand closed	...	3, 4 or 5	112	11/6
Left hand closed	...	3, 4 or 5	113	11/6

**No. PHQ 8871
PARALLEL EAR BRACKETS.**

Open or through type	...	0	89	8d.
Closed (handed)	...	0	90	8d.
Open or through type	...	1	21	1/1
Closed (handed)	...	1	22	1/1
Open or through type	...	2 1/2	221	1/8
Closed (handed)	...	2 1/2	222	1/8
Open or through type	...	3, 4, or 5	52	3/4
Closed (handed)	...	3, 4, or 5	53	3/4

"COBURN" System for the Garage and Similar Folding Doors

Including spare wall gear No. PHQ 8846



Illustration shows **No. 196** Flush Hanger.

The operation of this type of Hanger is similar to the one below, with the difference that it allows the door to be closed **flush** with the Frame. The Swivel Action is fitted with a Ball Race and the fixing is very simple. The wheels run on Roller Bearings.

No. 196A	For No. 1 Track	...	...	12/6 each.
No. 196B	" 2½ "	...	...	16/- "
No. 196C	" 4 or 5 Track	...	...	25/- "

To Fix.

Place the Trolley into Track after it is fixed, but do not attach to door, then hang the Doors on their respective Hinges, depress (open the doors), the Leaves and the Trolley will automatically shew you the position it should occupy on the door style.

These instructions are given on the assumption that the Doors will be closed Flush into the Frame.

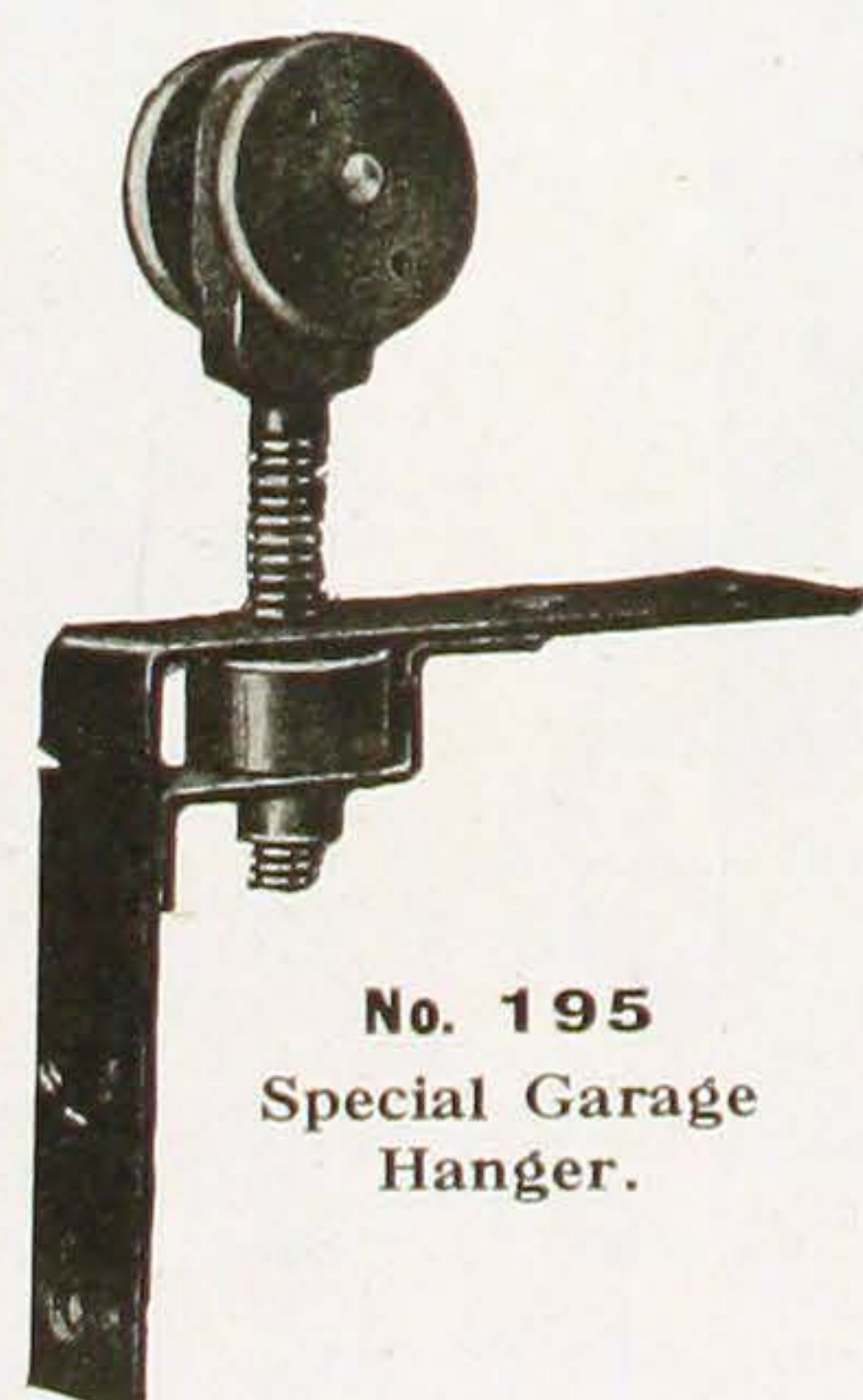
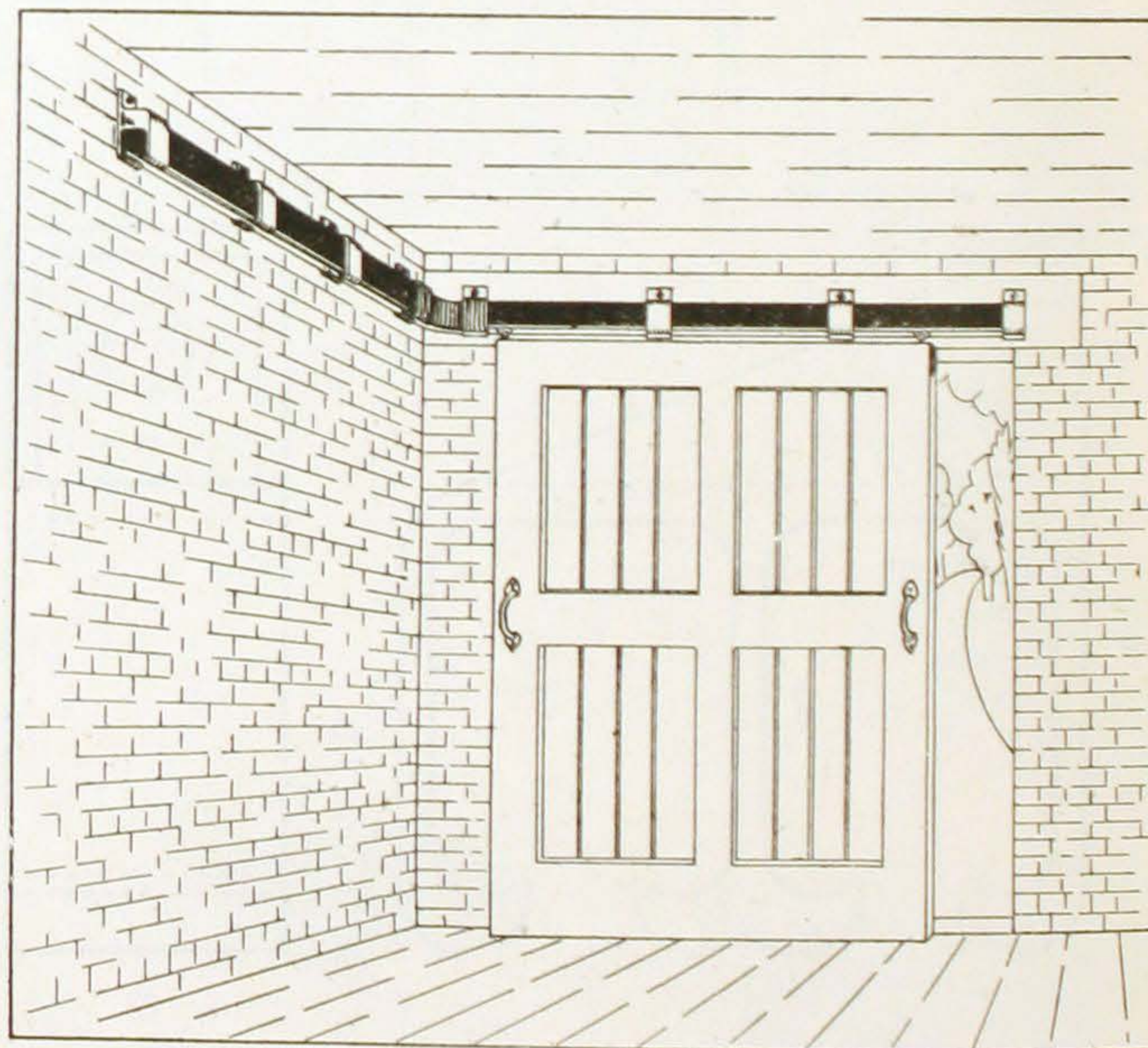
The size of each Leaf in relation to one another is not important, but the Leaf hinged to the Jamb must be at least 2" shorter than the other.

Illustration on right shows **No. 195** Trolley as applied to a Door when its edge does not come within a few inches of the return wall. A corner curve is provided with a radius of 6" which is fixed by two lugs.

Cast Corner Curve for Track	...	...	10/6 each.
" " " " Channel, Malleable	...	...	3/6 "

For details of Trolley and Track, Brackets and Channel, etc., see pages preceding.

For details of Channel, see page following.



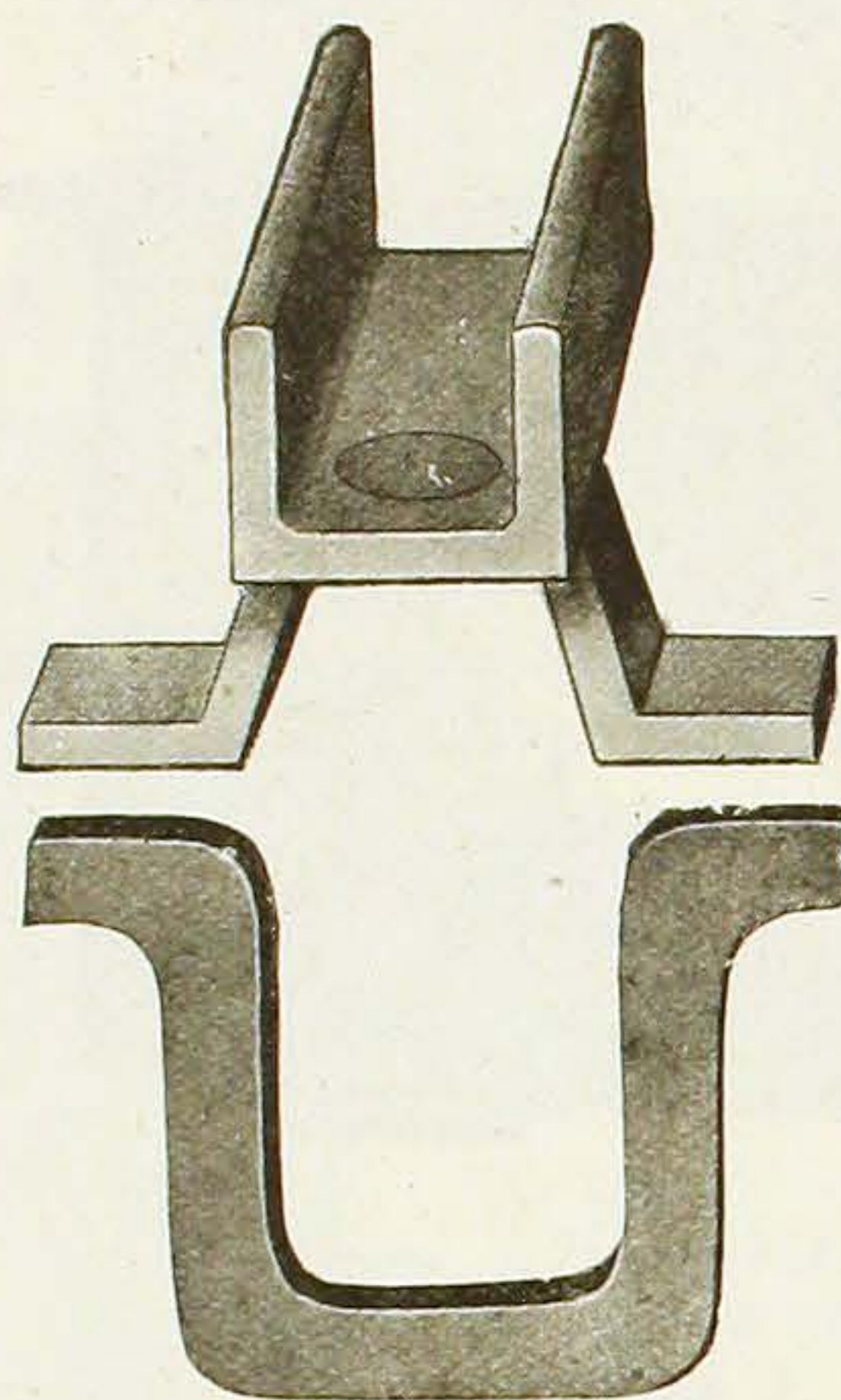
No. 195
Special Garage
Hanger.

This Hanger is fitted with a Roller Bearing Head and Ball Bearing Swivel Action. The ordinary hinged door is (unless carefully guarded against) likely to swing to with the action of the wind, just at the moment a car is leaving or entering the garage. Doors hung as shewn above are unaffected by wind pressure.

For No. 1 Track.	No. 195A	...	...	...	...	12/- each.
" " 2½ "	No. 195B	...	...	...	...	16/- "
" " 4 or 5 Track.	No. 195C	...	...	...	...	25/- "

Coburn Fittings, Various

No. PHQ 8845

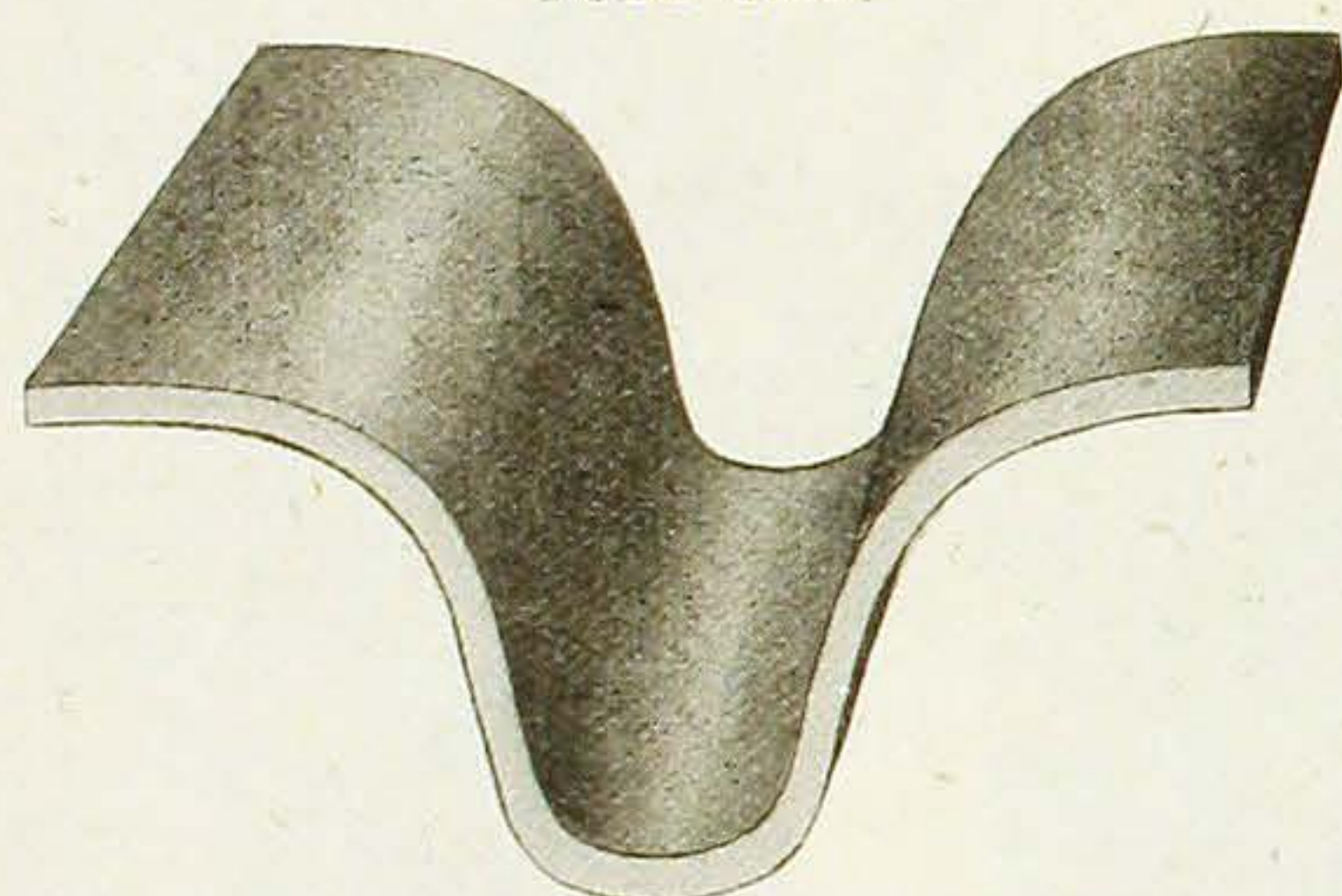


No. 0—Cold Straightened Steel Channel.
 $\frac{3}{4}'' \times \frac{3}{4}'' \times \frac{1}{8}''$ used on outside work for small to medium doors, in conjunction with No. 1 or 3 Guide.
 Cut to length, plain 7d. per ft.
 Drilled and countersunk 9d. "
 Fitted with Braces as shewn 1/3 "

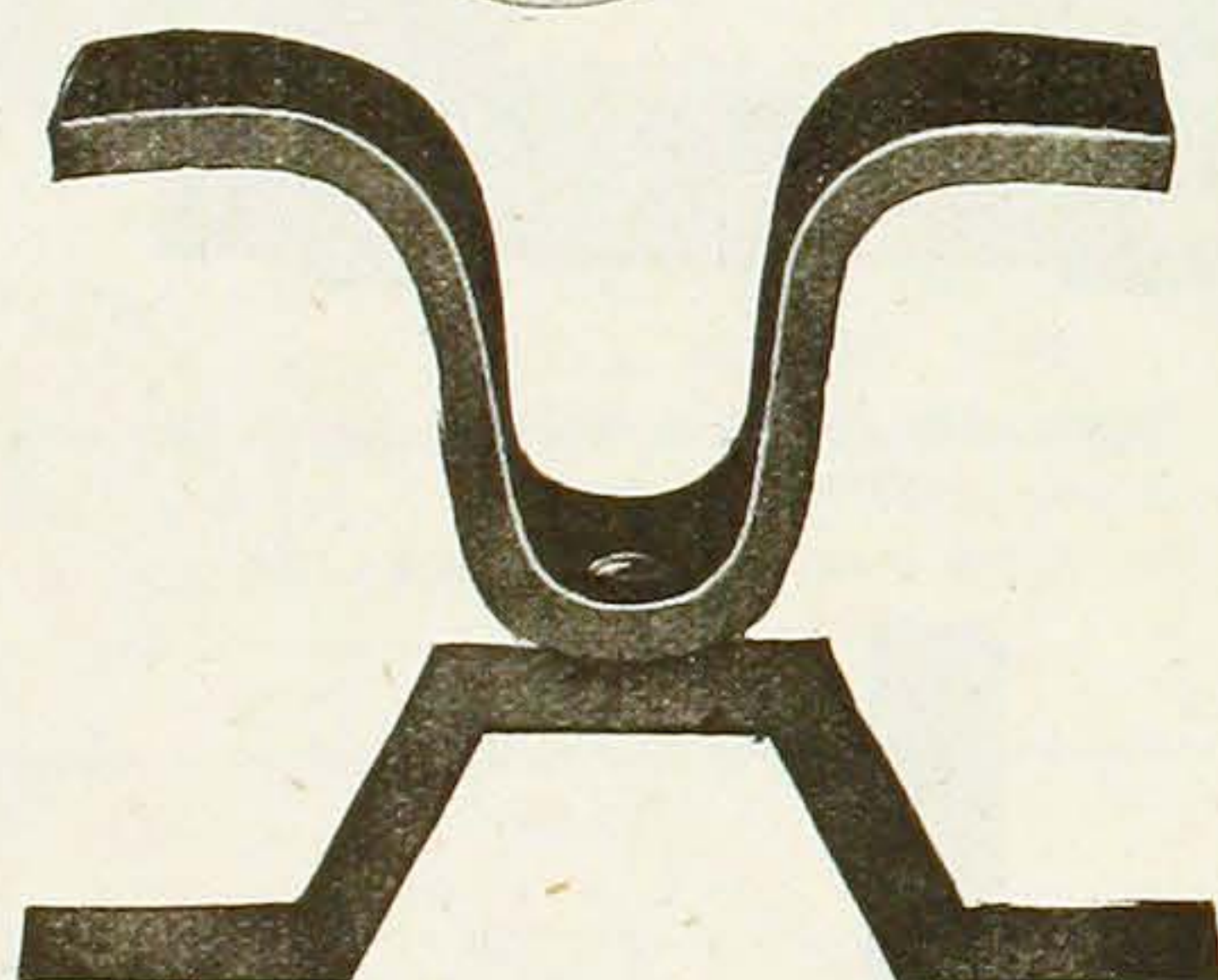
No. 1—Cold Straightened Steel Channel.
 $1\frac{1}{4}'' \times 1\frac{1}{8}'' \times \frac{1}{8}''$ Section.
 Generally used for outside work. Cut to length. Plain Channel only, 9d. per foot. Ditto, if drilled and csk. for screws, 1/- per foot.
 Ditto, fitted with braces at intervals for concrete fixing, 1/6 per foot.

Cold Straightened Heavy Steel Flanged Channel.
 Specially designed for Garage or Motor Houses. The section being round, it does not offer damage to tyres.
No. 2, plain, as illustrated, 10d. foot.
 Ditto, drilled for wood 1/3 "
 Ditto, fitted with braces for concrete 1/6 "
 Guide for edge of door to suit section 7d. each.

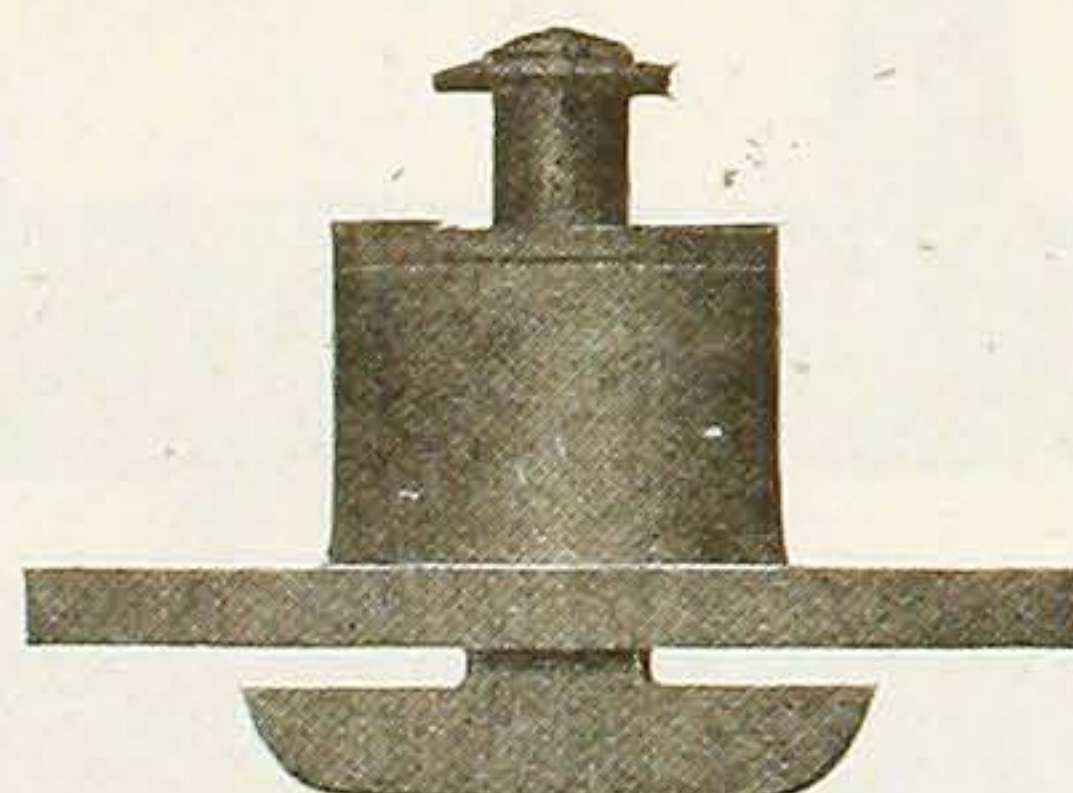
FULL SIZE.



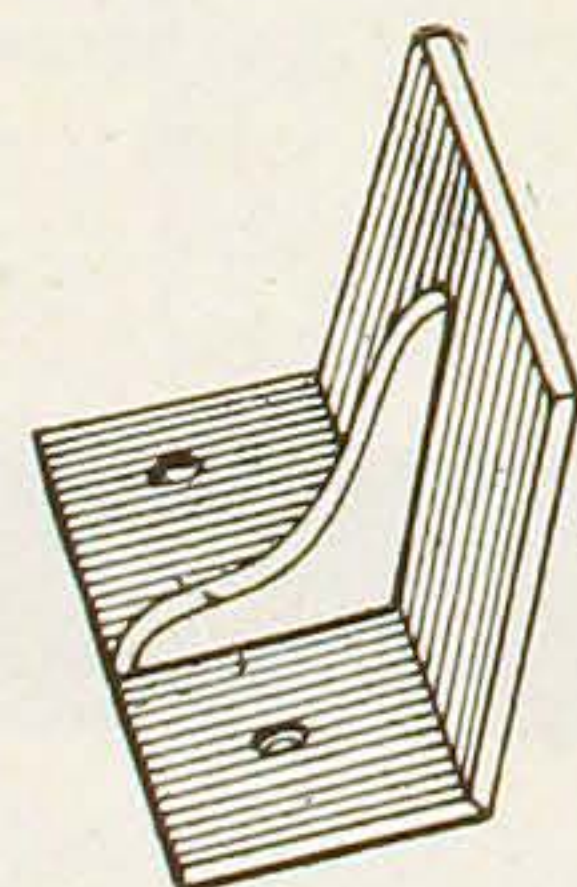
No. 3 Flanged Steel Channel.
 Drilled and countersunk for wood. Suitable for any class of work with wood fixing.
 Made from 14 Gauge Steel, 8d. per ft.



No. 3—Channel.
 But fitted with Braces for Concrete. 1/- per foot.



No. 5—Roller Bearing Guide.
 Suitable for any section of channel shewn above. It is used generally for revolving screens, but its vertical action, in addition to its revolving action, make it a suitable Guide for all purposes.



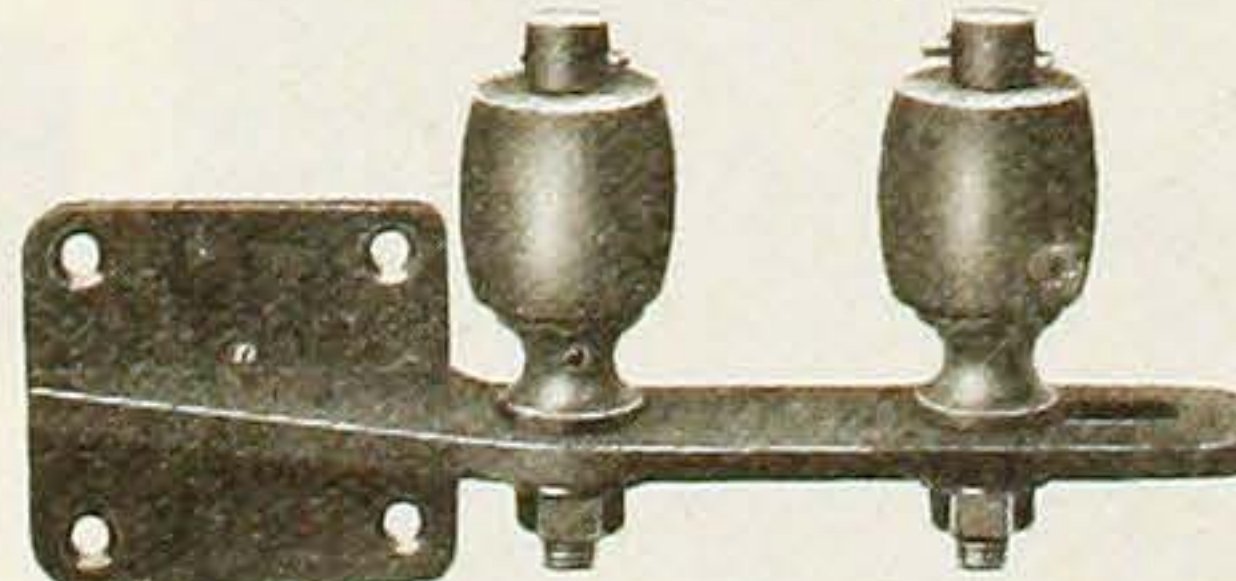
No. PHQ 8872 Special Stop.
 To prevent Doors and Trolleys from making violent contact with closed brackets or end of channel.
 3" throw 1/9 each.
 6" throw 2/3 "



No. PHQ 4121
 Size 3"
 Tapped for $\frac{1}{8}''$ rods. Whitworth Thread.
 10/6 per dozen.



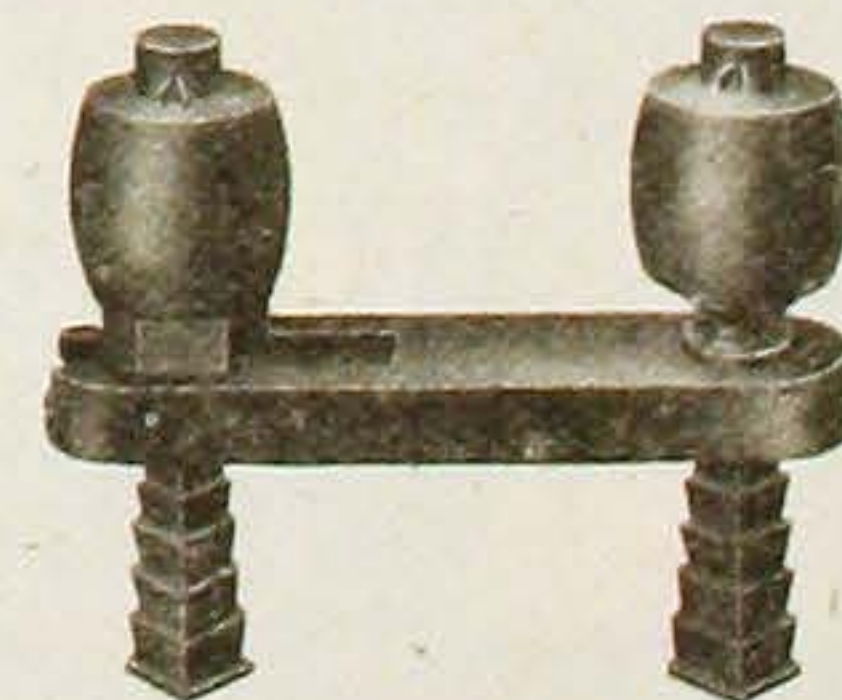
No. PHQ 4120 WALL PLUG. Size 2".
 Tapped for $\frac{1}{8}''$ rods, Whitworth Thread.
 5/3 per dozen.



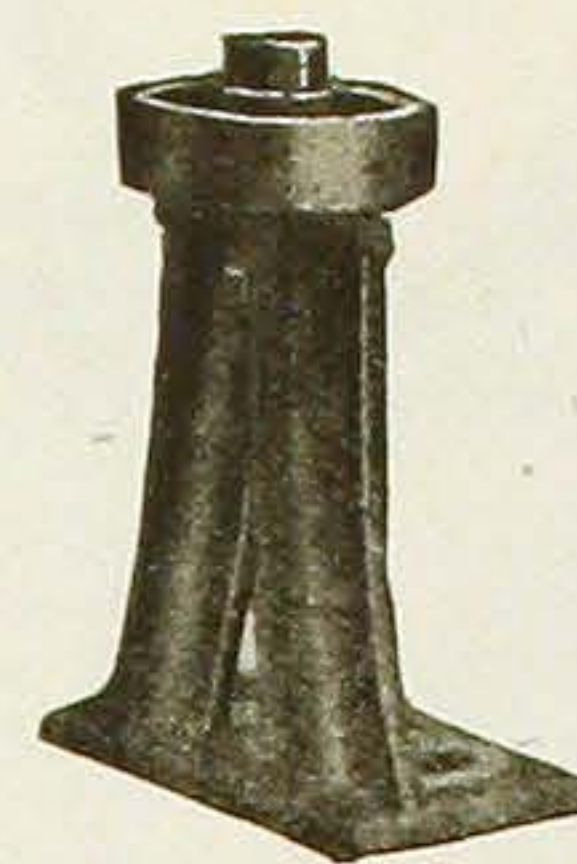
No. PHS 8874
 Double Runners on Bracket.
 Size $10\frac{1}{2}'' \times 5\frac{1}{2}''$ 10/6 each.



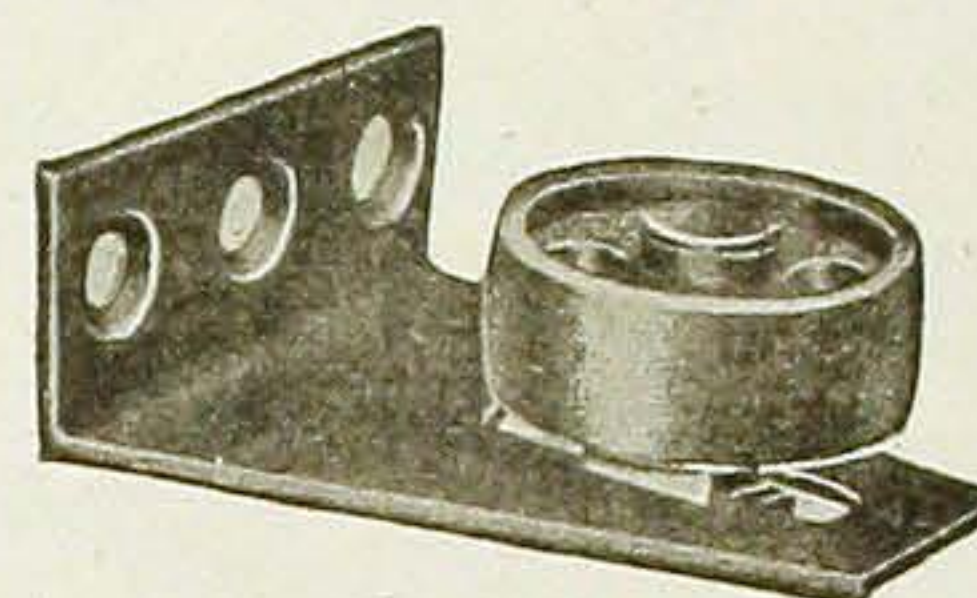
No. PHS 8875
 RUNNER ON WALL PLUG.
 Size $5\frac{1}{2}'' \times 2''$
 2/- each.



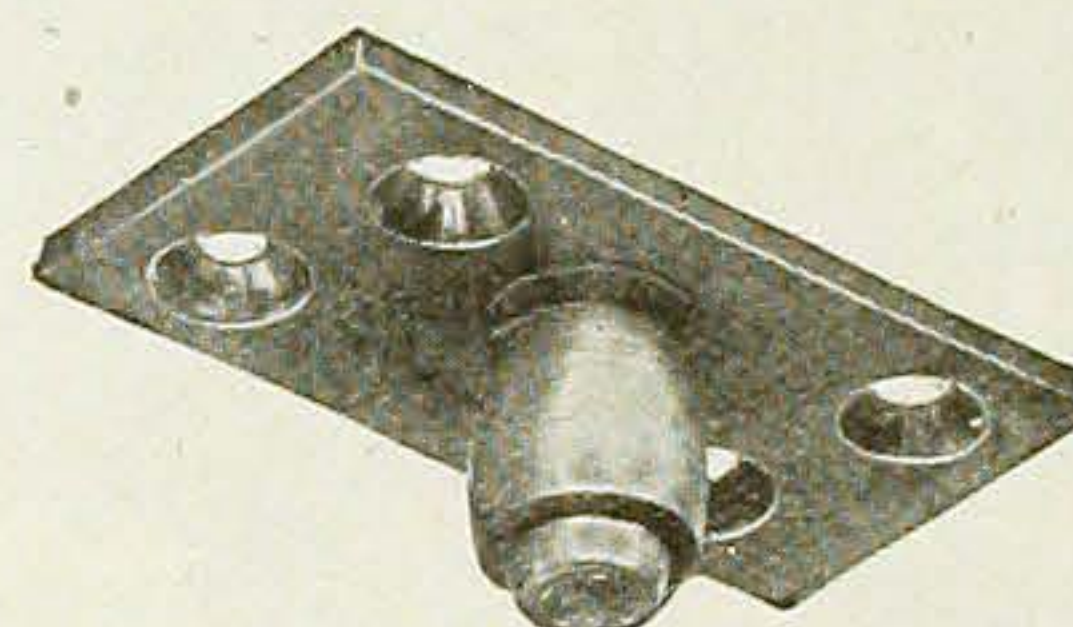
No. 8876
 Double Runners on Wall Plugs.
 Size $7\frac{1}{2}'' \times 6''$ 12/3 each.



No. F14—Upright Roller Guide.
 2/1 each.



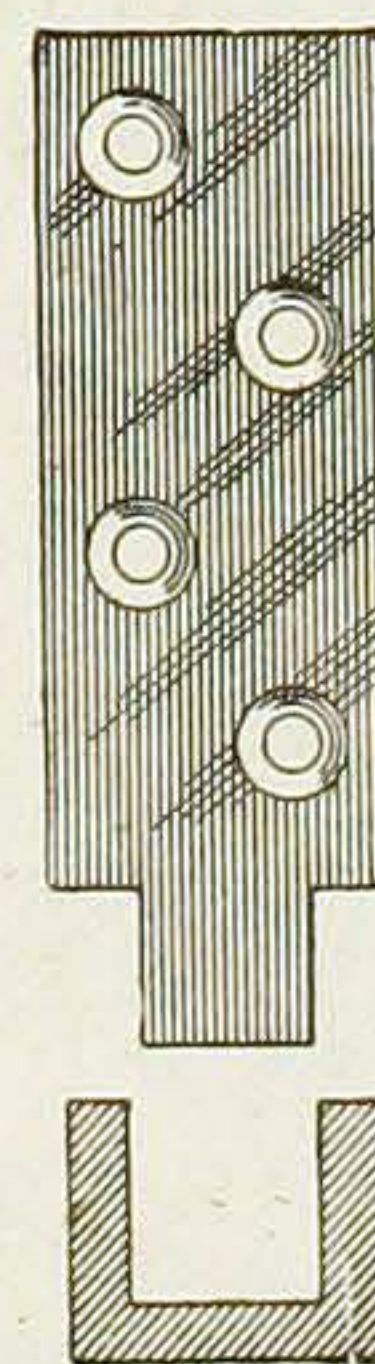
No. 186—Roller Guide.
 Reversible and Adjustable.
 8/4 per dozen.



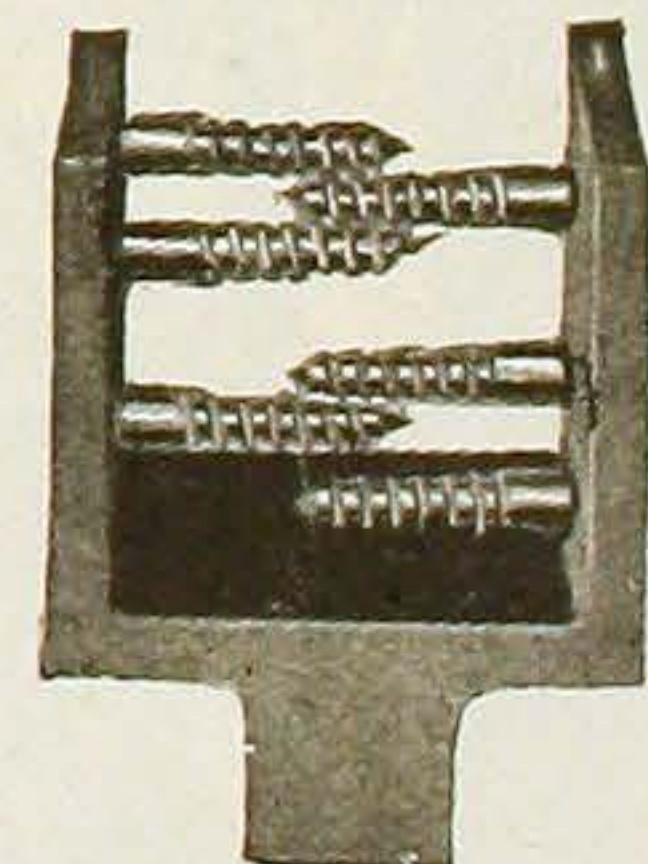
No. 2—Gun-Metal Roller Guide.
 For use with No. 1 Iron Channel, 2/- each (Two wanted for one door).
No. 2A With Angle fixing plate, 2/6 each.



No. PHQ 8873
 Expanding Shields and Bolts.
 For fixing brackets to brickwork or concrete. The action securely locks and the work will not draw out.
 4" for all types of bracket to suit Nos. 1 and 2 Track, 5/6 per dozen.
 5" for all types of bracket to suit Nos. 3 and 4 Track, 6/9 per dozen.



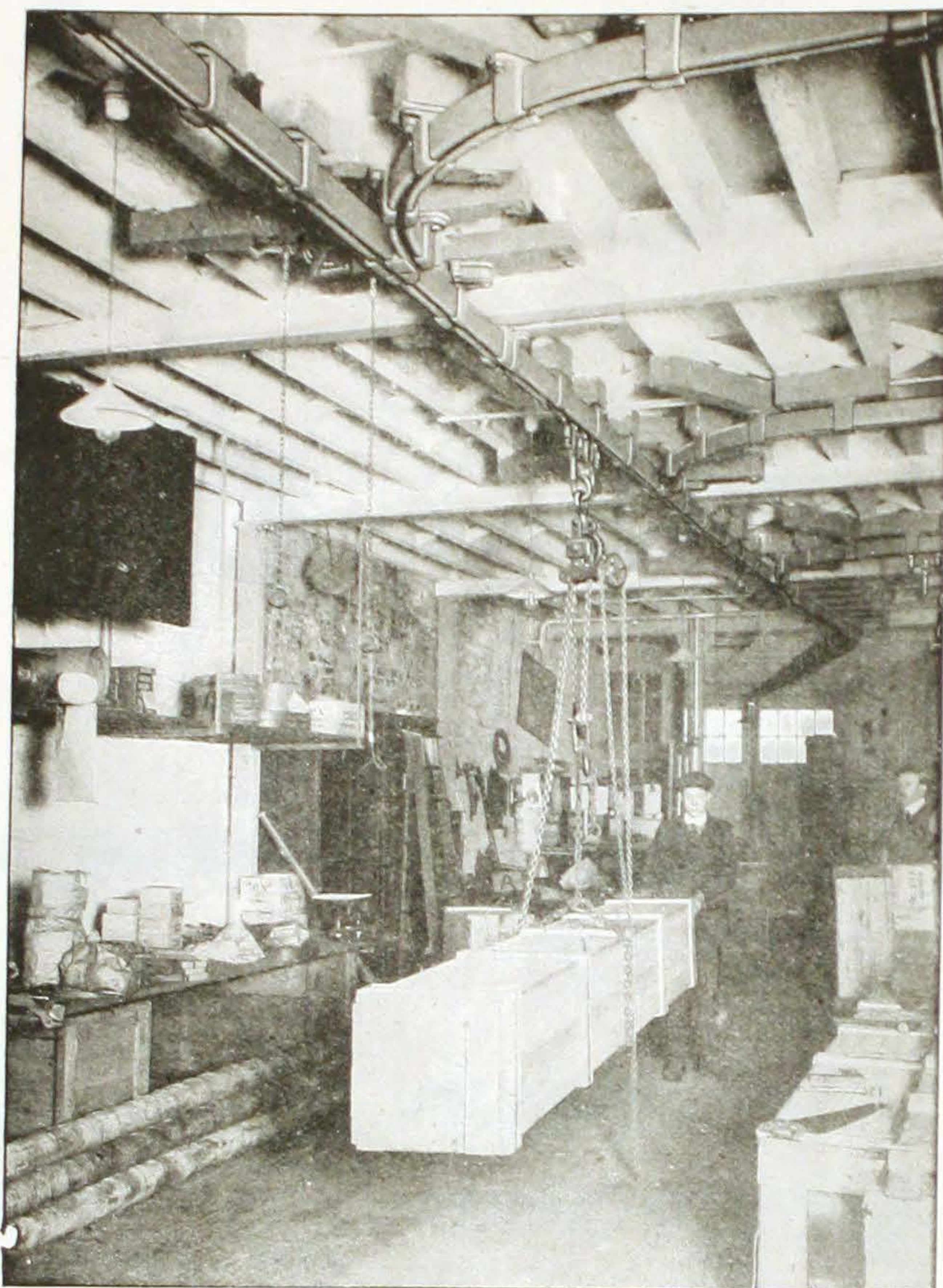
No. 3
 Guide to screw on edge of door as shewn.
 7d. each.
 (Two wanted for each door.)
 Suitable for all Sections of channel.



No. 4—Shoe Guide.
 With holes for screws both sides. Specially strong pattern 2/6 each. (Two wanted for each door.)
 Suitable for Nos. 1 and 2 Channel.

"Coburn" Overhead Runways

No. PHQ 8847



The Runway here illustrated is fixed in a building, the floor of which is well below the road level. A slope of about 1 in 10 called for several men to handle a case of a few hundredweights.

With the Runway one man, without further aid, can speedily put the load into any required position. The branch lines enable him to carry the heavy cases *over* the top of cases in position, alternatively any case can be hoisted straight up from its position and then, without disturbing the rest of the goods, transported to the van at the door.

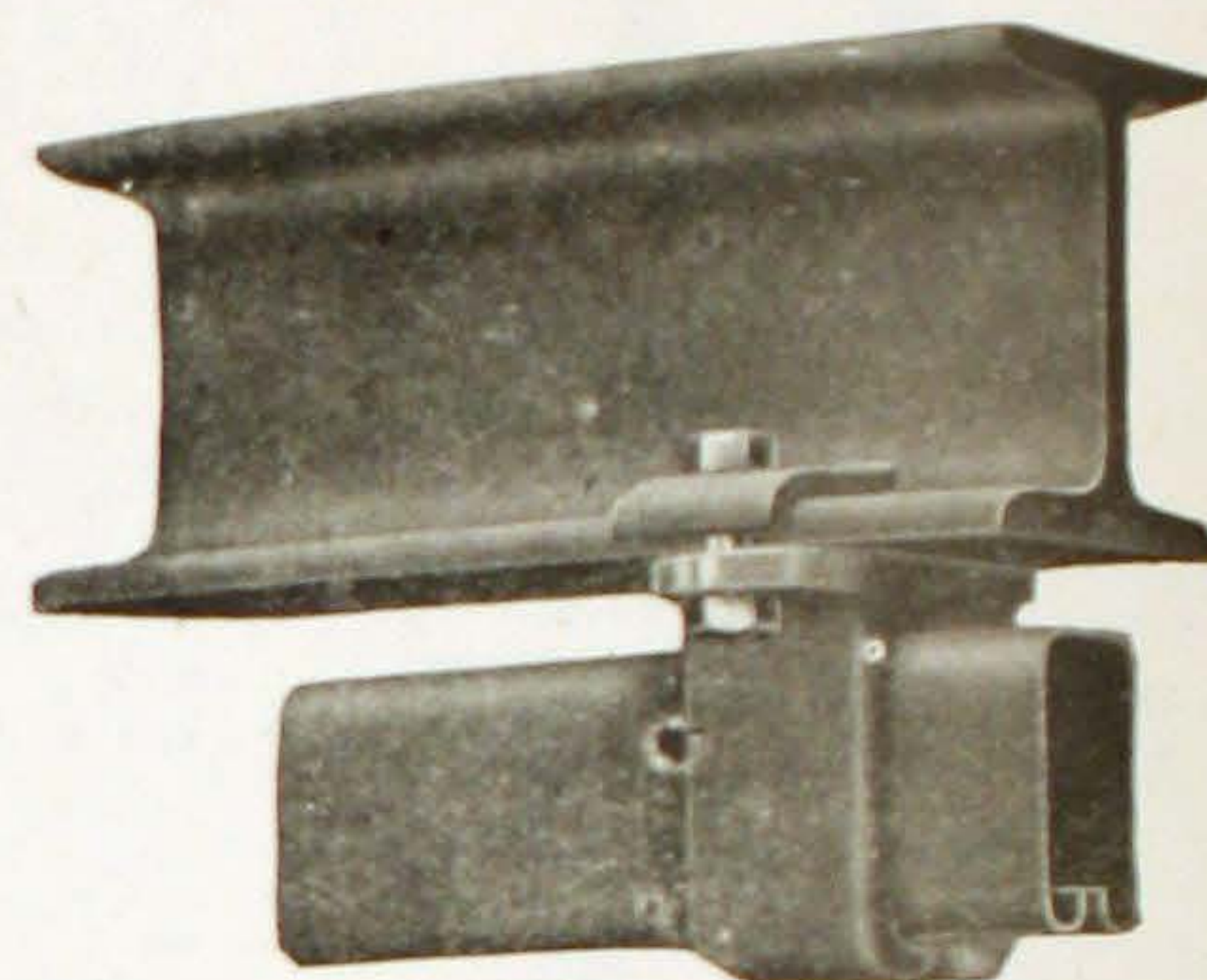


Fig. C.
Showing Bracket fixed to existing R.S.J., alternatively it could be bolted direct.



Fig. B.
Showing Brackets coach-screwed direct to cross beams.



Interior of Foundry during casting operations. Here the Overhead Runway, supplied and erected by P.W.A., Ltd., is invaluable and saves pounds monthly.

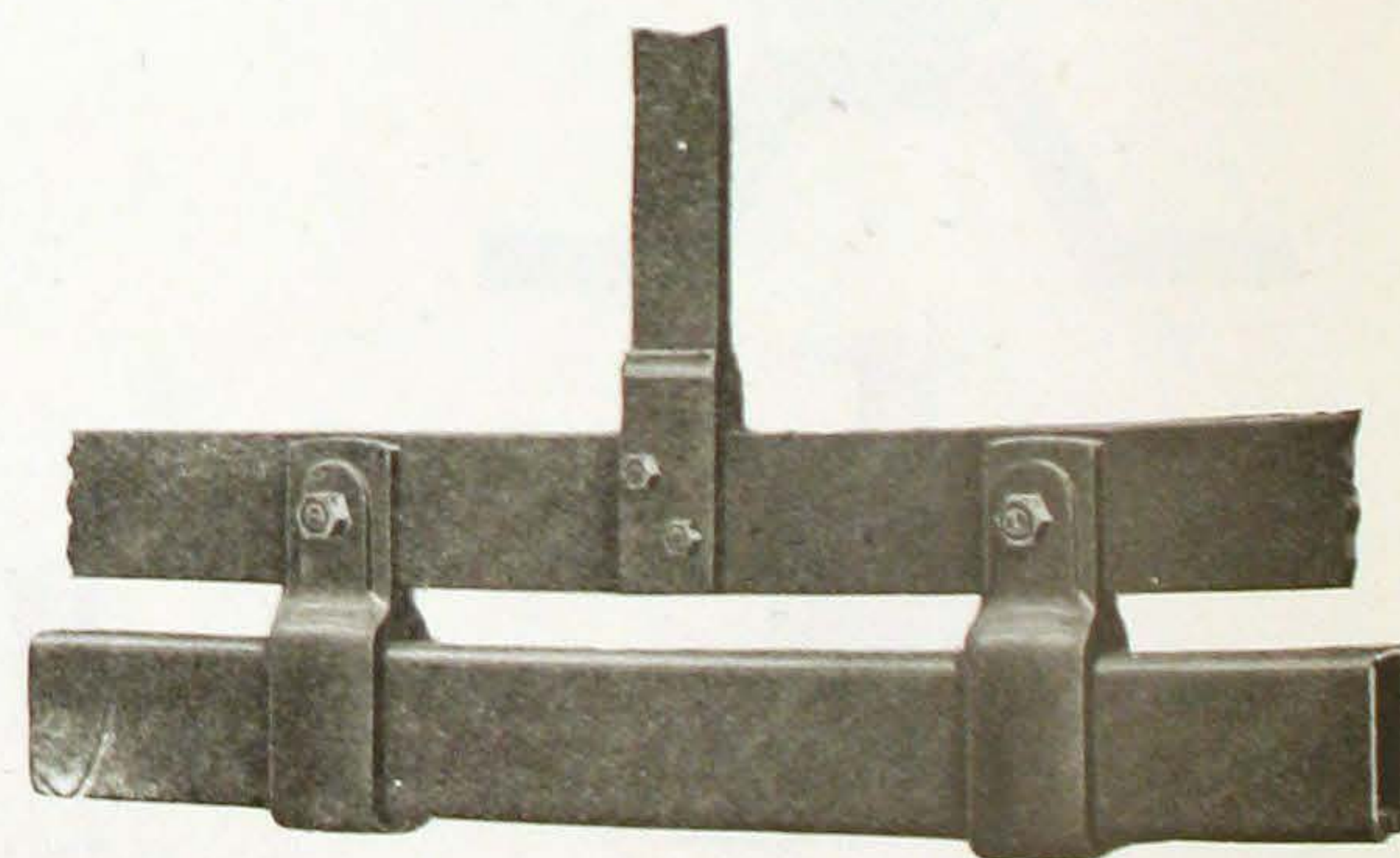


Fig. A.
Illustrating a method of fixing tracks when it is not possible to fix the brackets direct to the ceiling heading. It is known as the Clip-Bar Type of Fixing, the bar being in continuous line with the Trackway and tied down from suitable roof fixtures.



Showing Curved Track (patent process).
Supplied in any radii, 30" and over. Where possible we recommend a curve of not less than 36" radius.

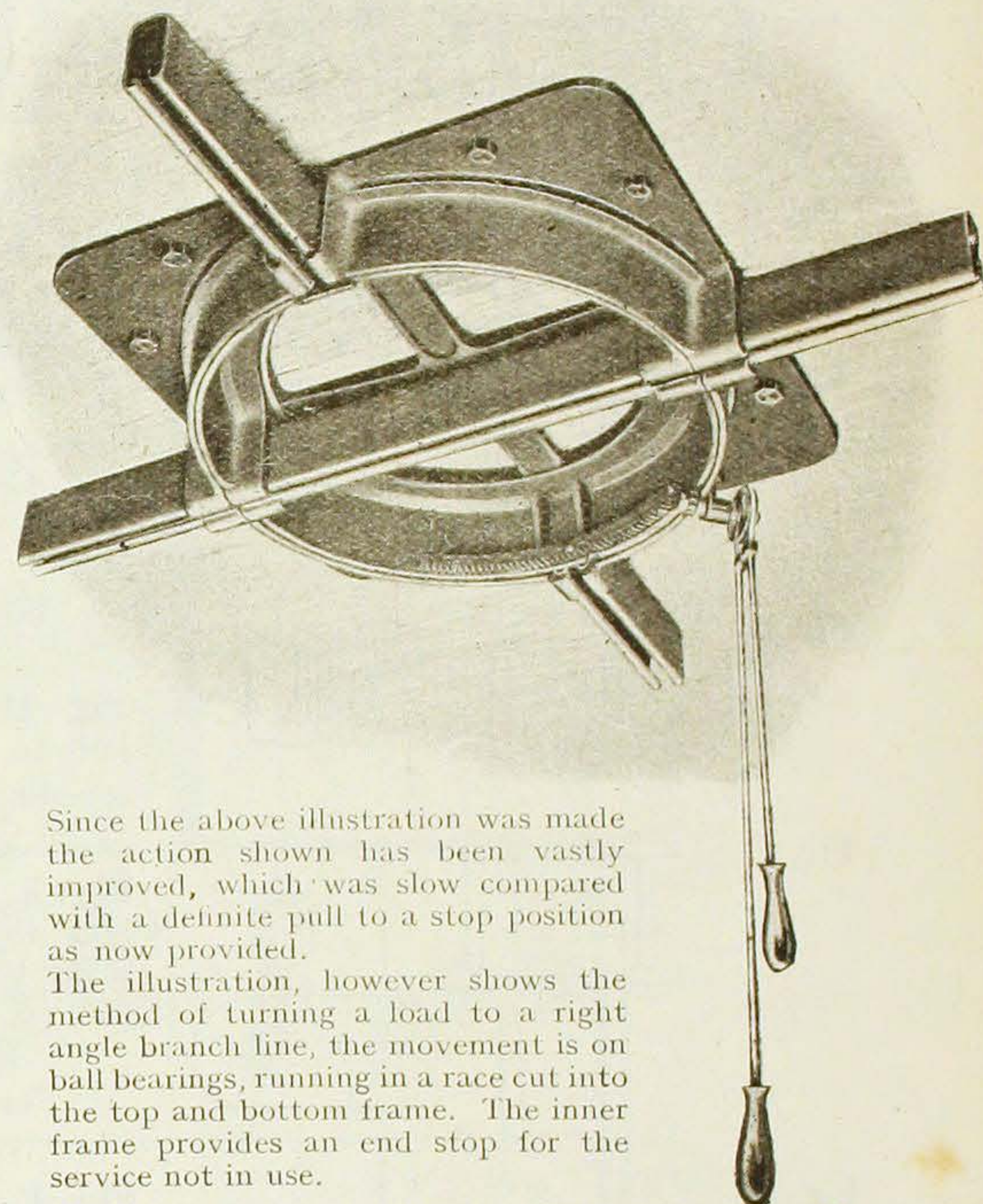
No. 14 Track, per foot run	...	...	5/-
Nos. 16 and 18 Track, per foot run	...	...	6/-

Prices Strictly Nett.

PHQ—Quick Delivery.

"Coburn" Overhead Runways.

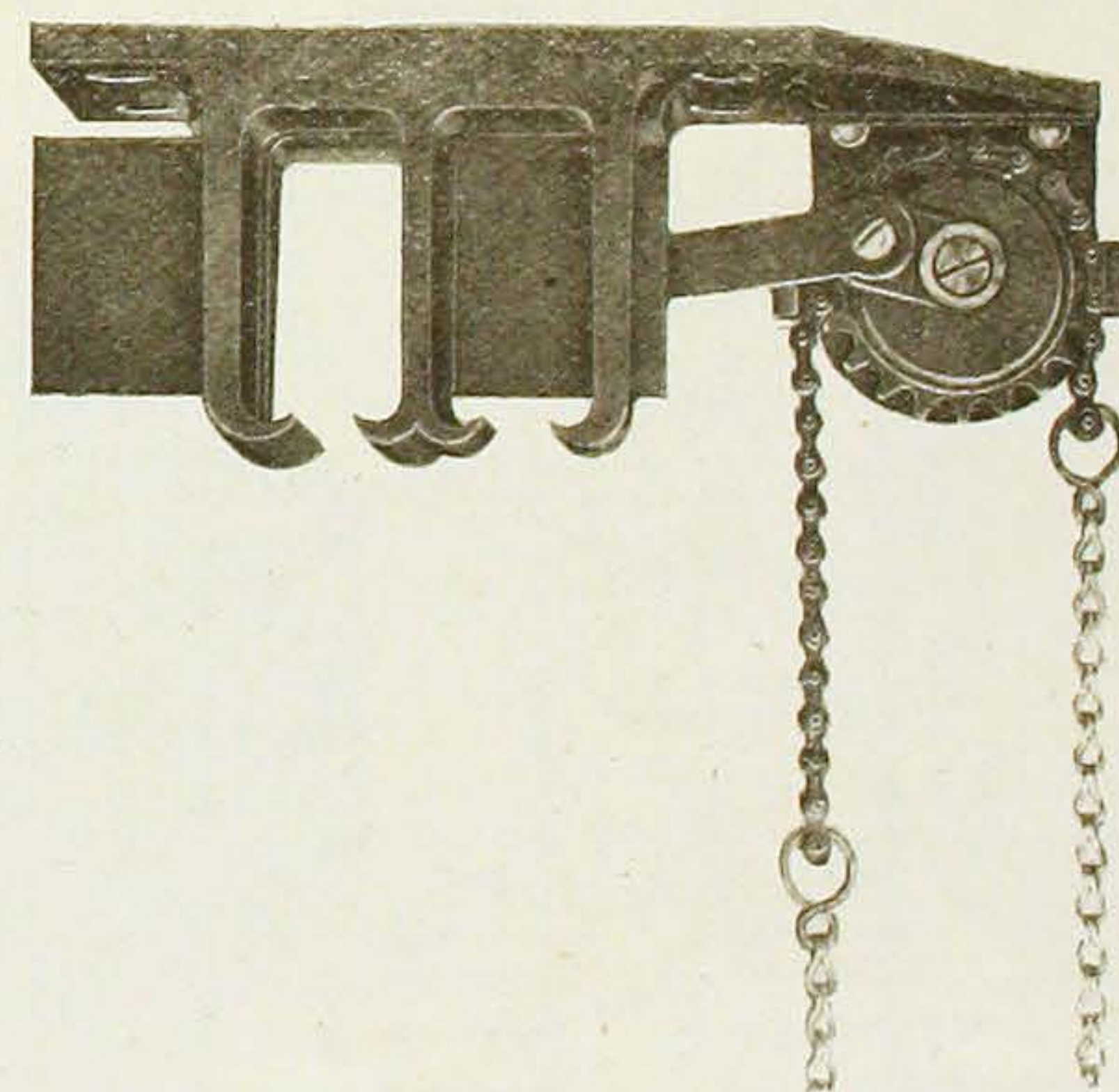
No. PHO 8847



Since the above illustration was made the action shown has been vastly improved, which was slow compared with a definite pull to a stop position as now provided.

The illustration, however shows the method of turning a load to a right angle branch line, the movement is on ball bearings, running in a race cut into the top and bottom frame. The inner frame provides an end stop for the service not in use.

For No. 14 Track, for Regular Trolley only ...	65/- each.
For No. 16 or 18 Track, for Regular Trolley only	80/- "
" " " for Multiplex Trolley	120/- "



No. 10 Standard Switch is supplied as shown above for any 2 or 3 branches and for both sections of track. It is without springs or any movement likely to get out of order. It is automatically locked in correct alignment and the service not in use is blocked, to prevent a load being dropped from the open end.

2 way for No. 14 track, including tongue	...	50/- each.
3 " " " " " " "	...	60/- "
2 way for No. 16 or 18 track, including tongue		80/- "
3 " " " " " " "		100/- "

Fig. "A" shows a line drawing of a Standard Trolley for loads not exceeding 20 cwt. The main cross member is made of malleable steel with an ample margin of strength. The eye-bolt is a steel forging, to which the lifting tackle can be attached. The three vertical bearings have a turning action, to enable a trolley to take a curved section of track. The final fitting is secured, locked and pinned to obviate the danger of any part leaving the trolley under load. Fitted with roller bearings, running in a phosphor bronze cage. For Nos. 16 and 18 Track.

Price each, 50/-

Prices Strictly Nett.

All PHQ—Quick Delivery.

General Bracket Design. "Coburn" Overhead Runways

Elevation and Plan.

No. PHS 8847

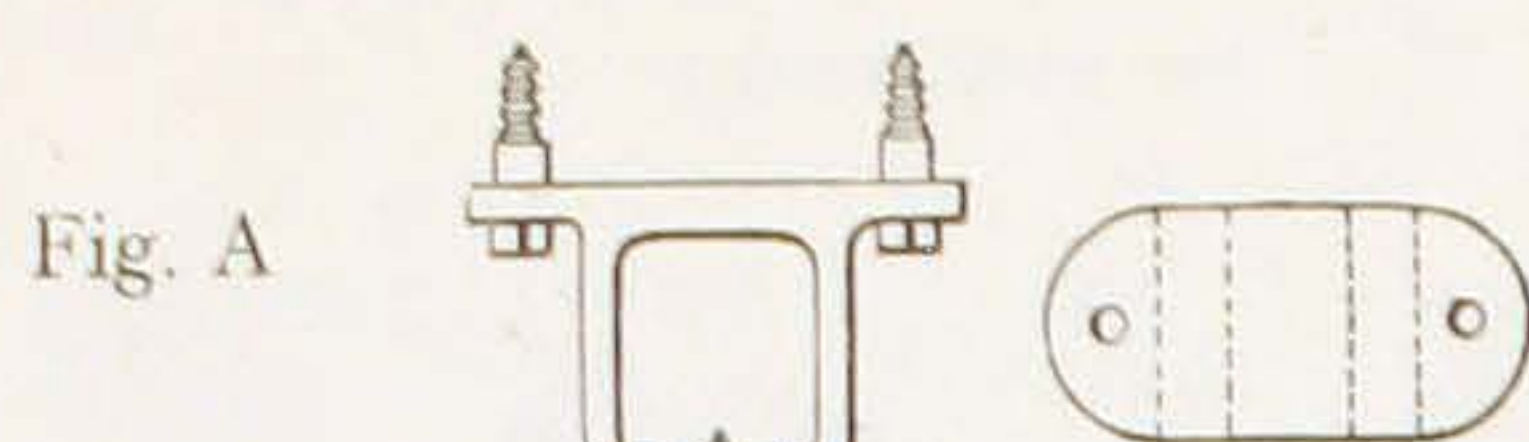


Fig. A



Fig. B

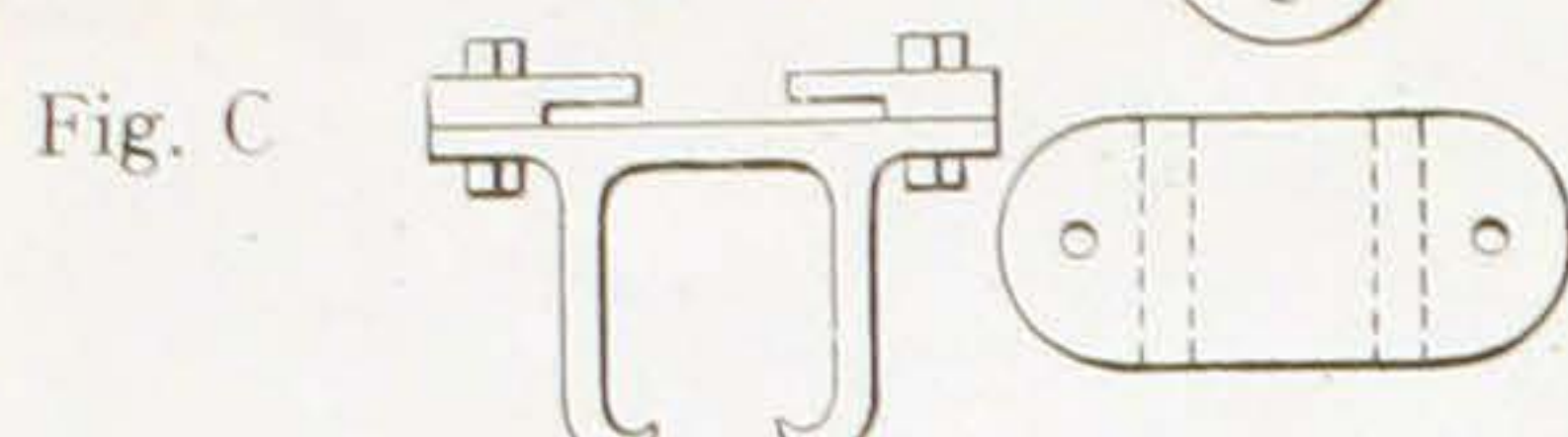


Fig. C

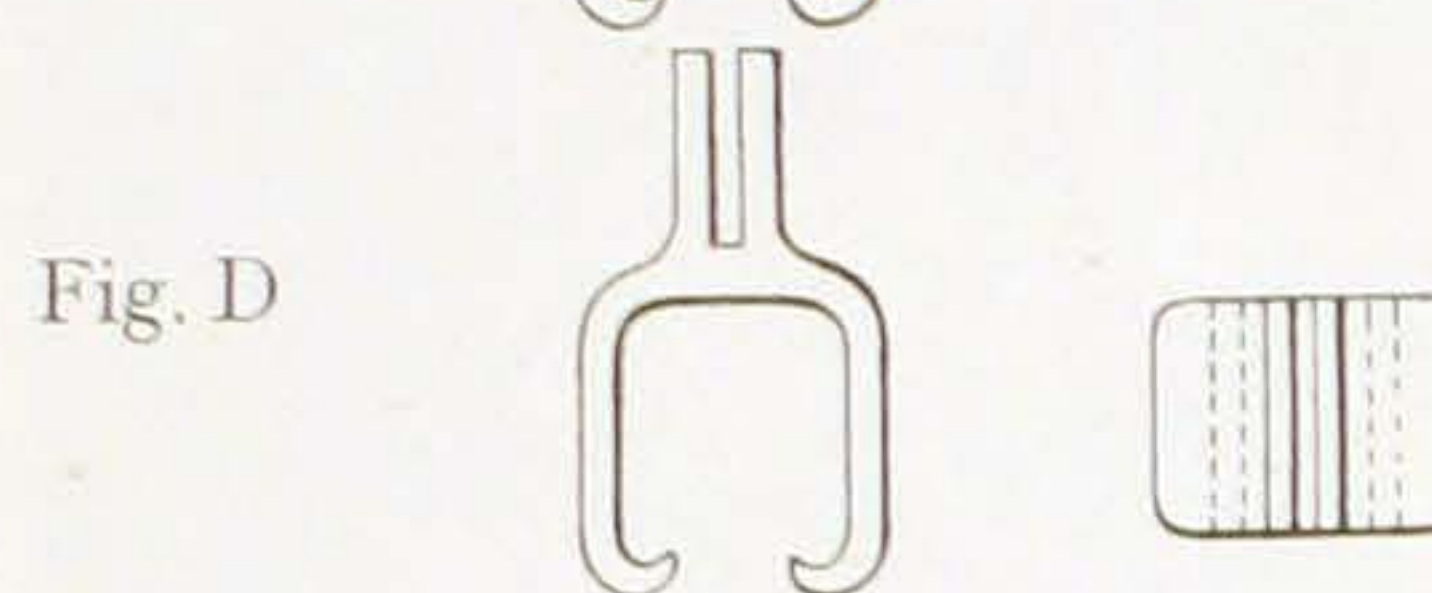


Fig. D

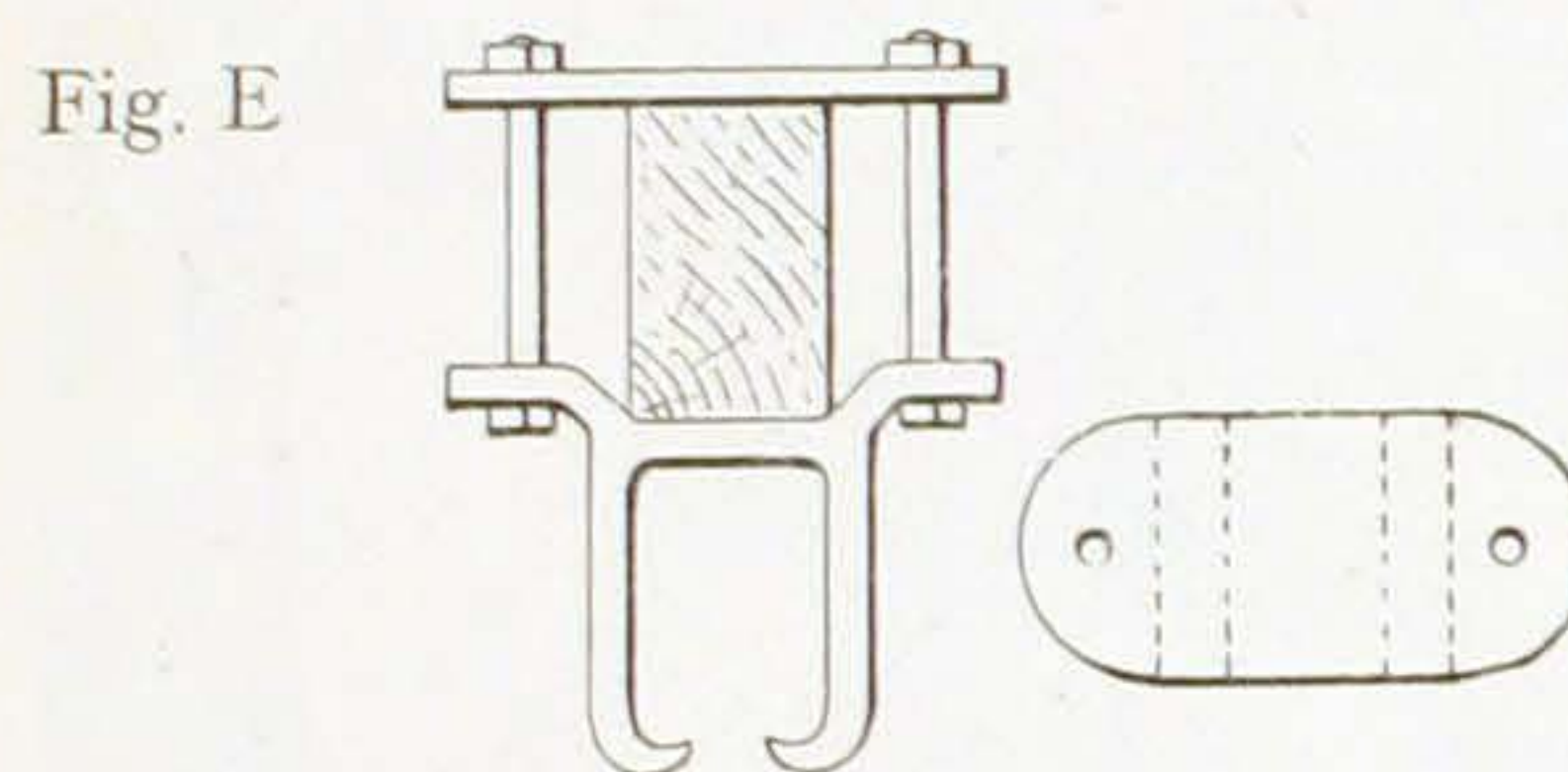


Fig. E

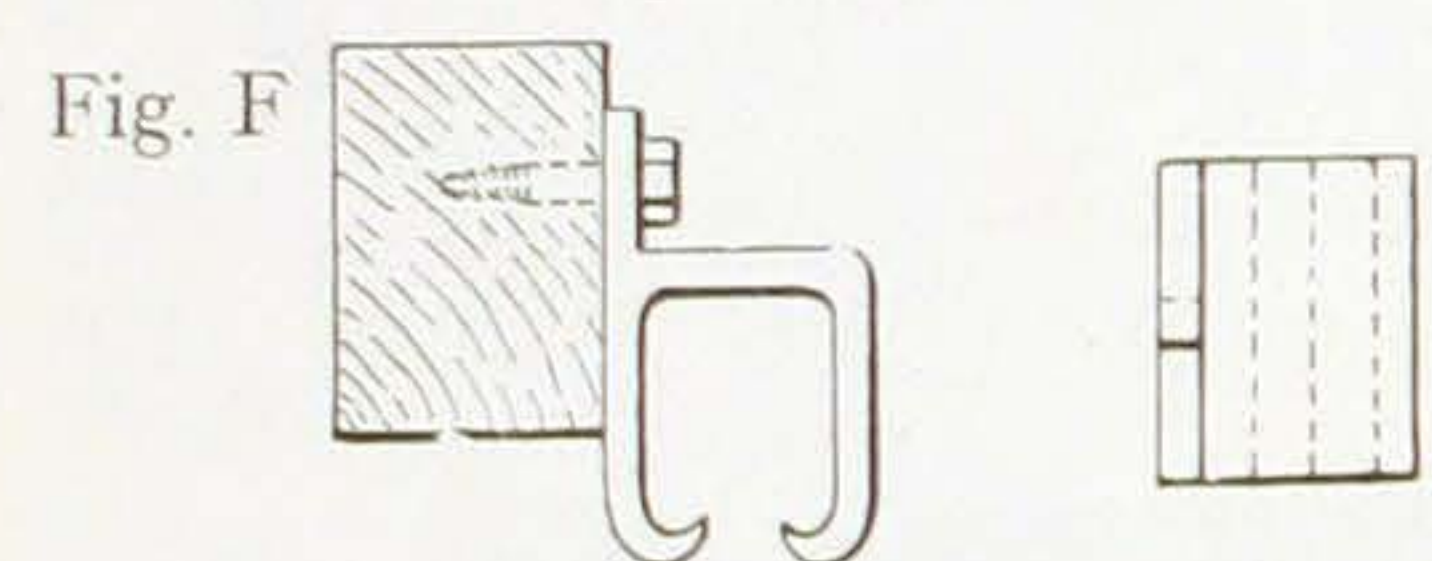


Fig. F

Fig. A—Across Fixing Bracket, No. R 10, to fix direct to wood header by coach screws or by bolts to RSJ or other fixing.

For No. 14 Track	...	1/9 each.
" 16 or 18 Track	...	3/4 "
Extra Heavy ditto	...	4/3 "

Fig. B—Along Fixing Bracket, No. R 12, to fit direct to wood header by coach screws or by bolts to RSJ, angle, &c.

For No. 14 Track	...	1/9 each.
" 16 or 18 Track	...	3/6 "

Fig. C—Flange Fixing Bracket, No. R 14, to clip to bottom flange of steel joist or tee iron.

For No. 14 Track with Clips	2/3 each.
" 16 or 18 Track "	4/- "

Fig. D—Clip Bar Bracket, No. R 16, to bolt to suitable flat bar section.

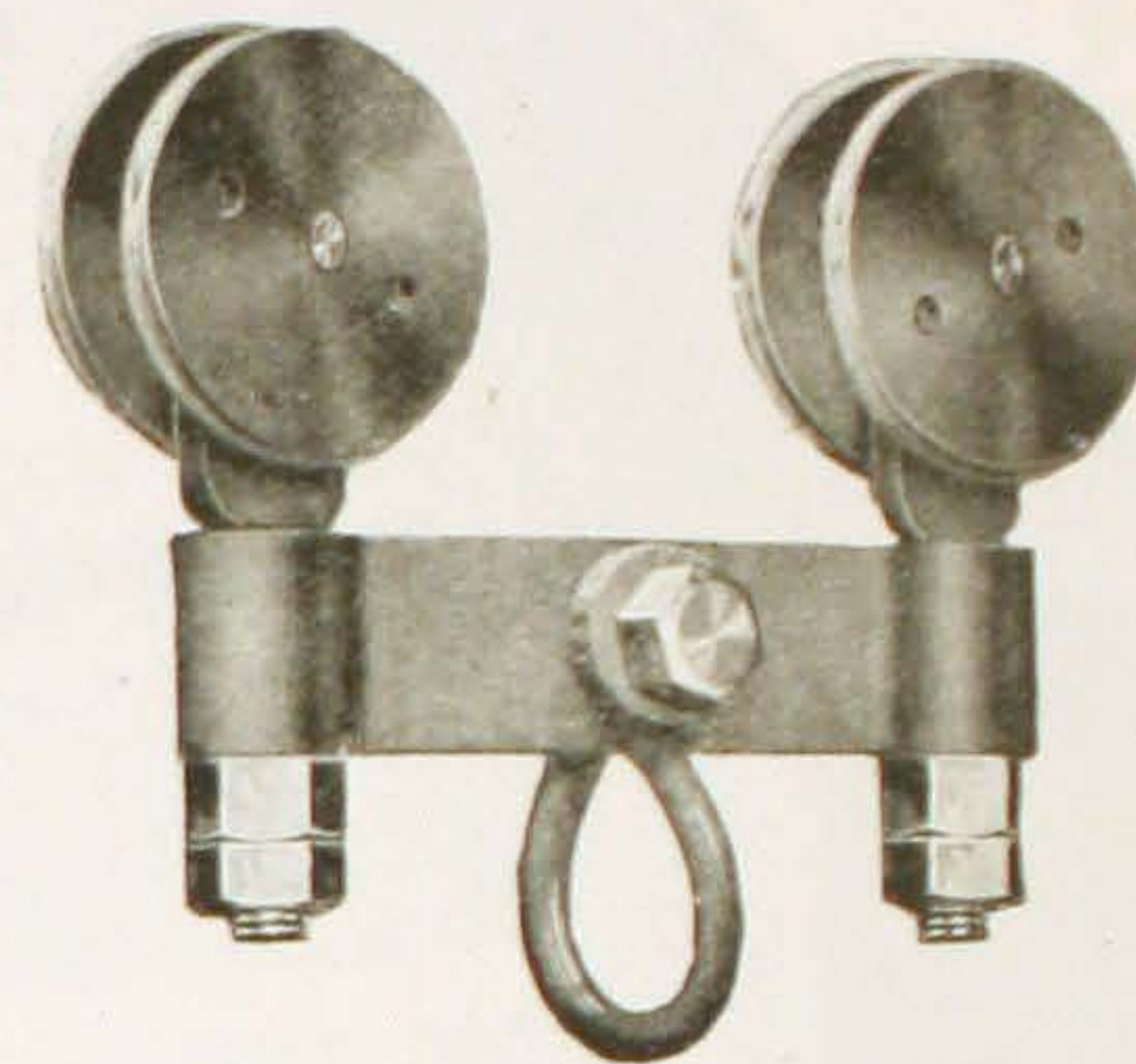
For No. 14 Track	...	2/3 each.
" 16 or 18 Track	...	3/6 "

Fig. E—Wood Joist Bracket, No. R 18 to bolt to a suspended wood joist tied from suitable roof principals.

For No. 12 or 14 Track with top plate	...	2/9 each.
For No. 16 or 18 Track with top plate	...	4/3 "

Fig. F—Face Fixing Brackets, No. 44 to coach screw or bolt to fascia work or wood joists.

For 12 or 14 Track	...	1/6 each.
" 16 or 18 "	...	3/4 "



No. 2 1/2 Regular Trolley used in conjunction with No. 14 Track. It is fitted with roller bearings running in a Phosphor Bronze Case. The Pendants are of steel and the cross member and shackle wrought iron. This Trolley is suitable for either straight or curved runs.

Price 35/- each.

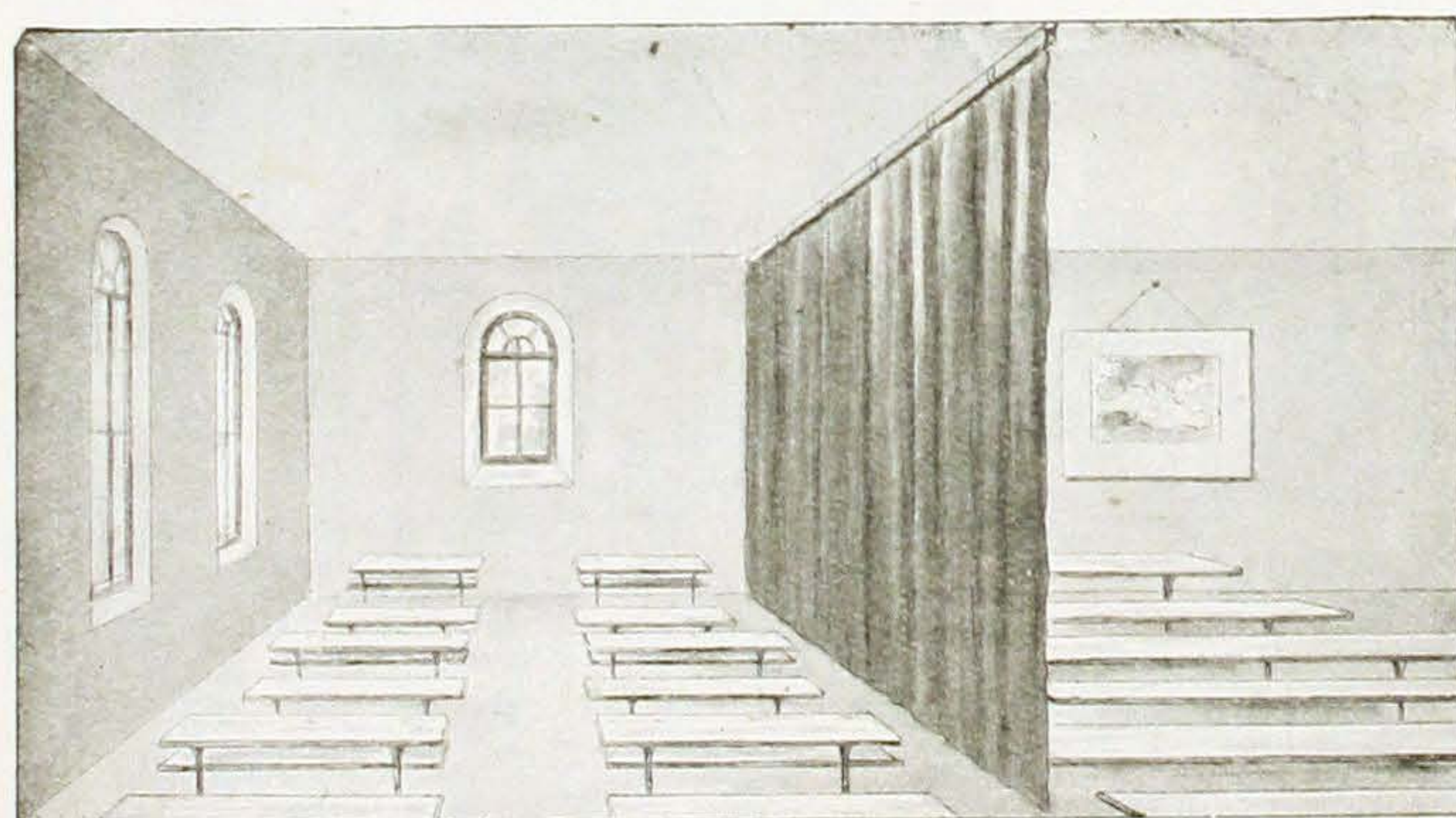
No. 2 1/2 Compound Trolley (illustrated at foot of page) for use with straight runs of No. 14 Track. It is fitted with roller bearings; the cross member and shackle are wrought. Price 20/- each.

No. 4 Compound Trolley (illustrated at foot of page) used with No. 16 or 18 Track and for loads not exceeding 10 cwt. Its four roller bearings run in a steel cage. The cross member and shackle are wrought iron. It is suitable for **straight** runs only.

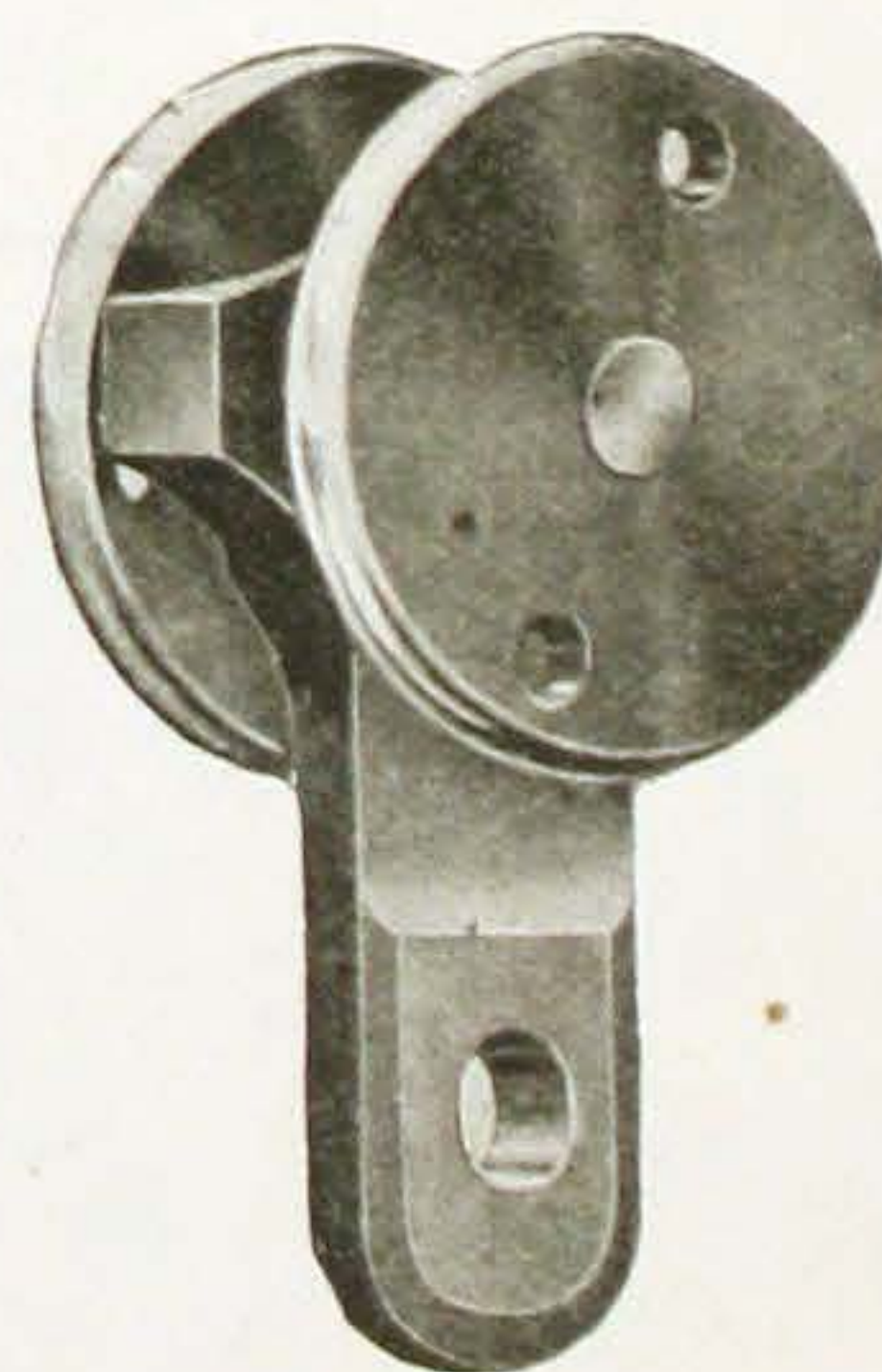
Price 25/- each.

No. 4X Compound Trolley, similar to the above, heavier throughout and fitted with phosphor bronze bearings suitable for loads up to 1 ton. For **straight** runs only.

Price 35/- each.



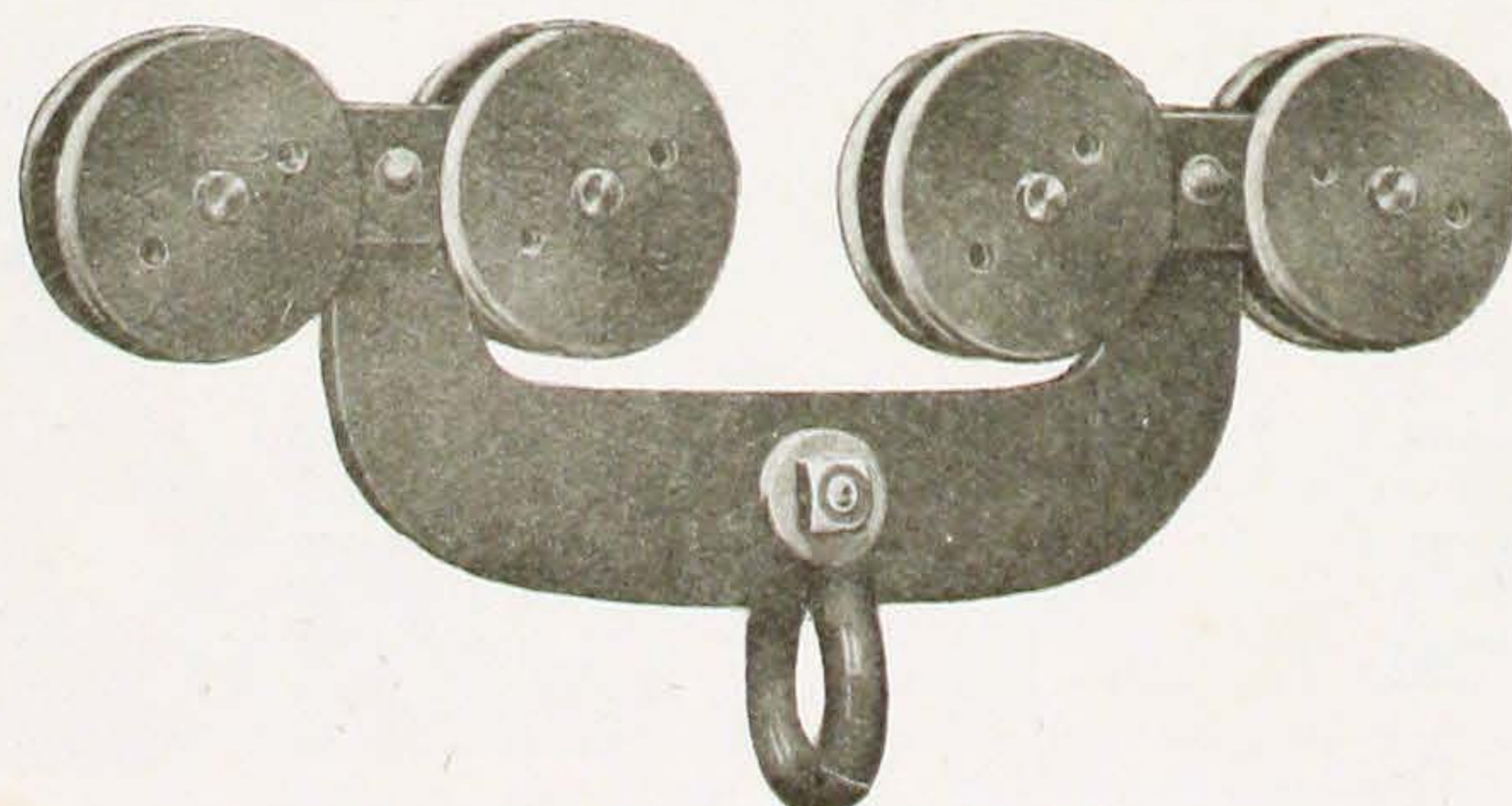
Curtain Gear for Schools, Private Dwellings, Aerodromes, Cinemas and Private Theatricals.



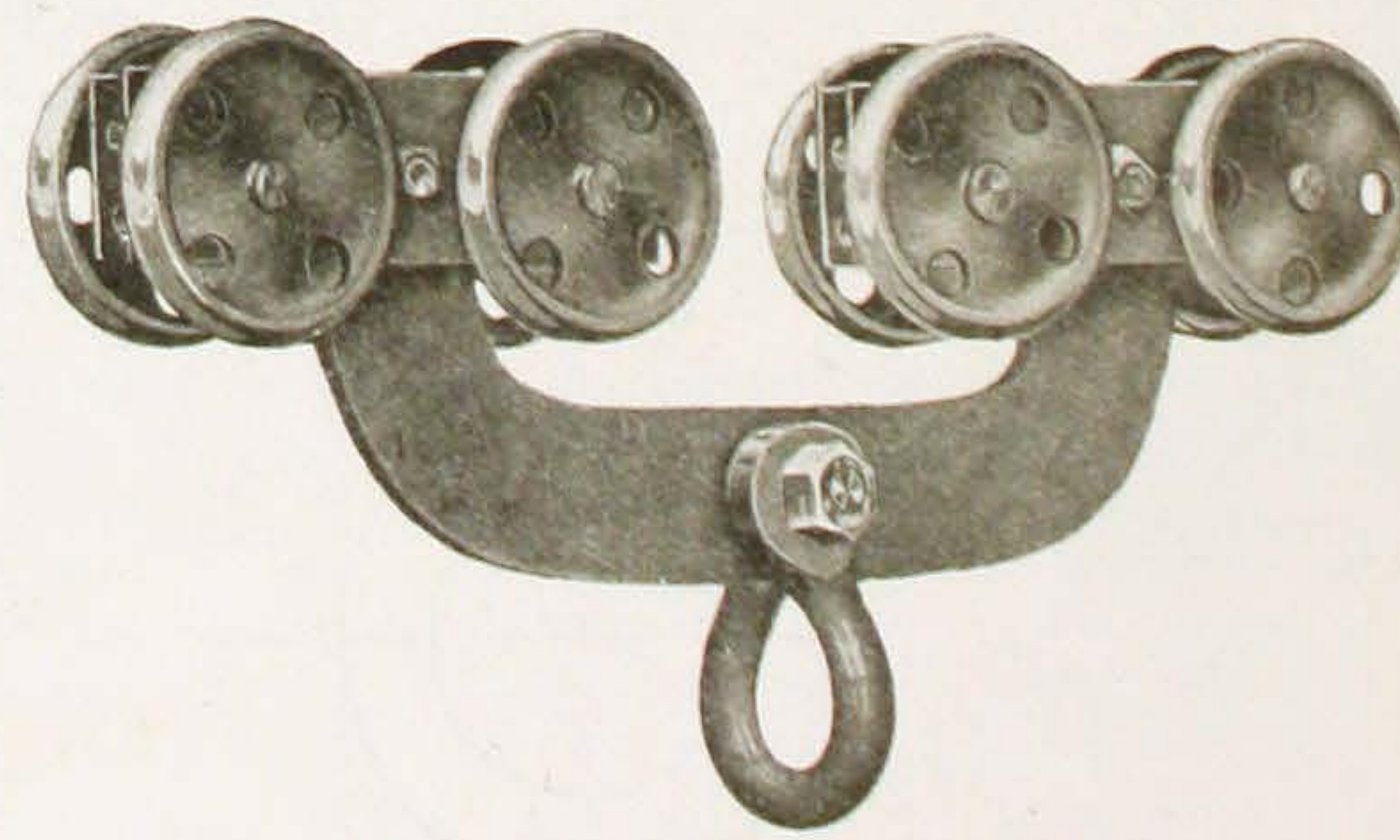
No. 1916 Roller Bearing Curtain Trolley, for use with No. 1 Track, 2/6 each.

Track	...	10d. per ft.
Facia Brackets	...	1/3 each.
Soffit Brackets	...	1/6 "

The buffer shewn in the illustration obviates the binding of wheel against wheel.

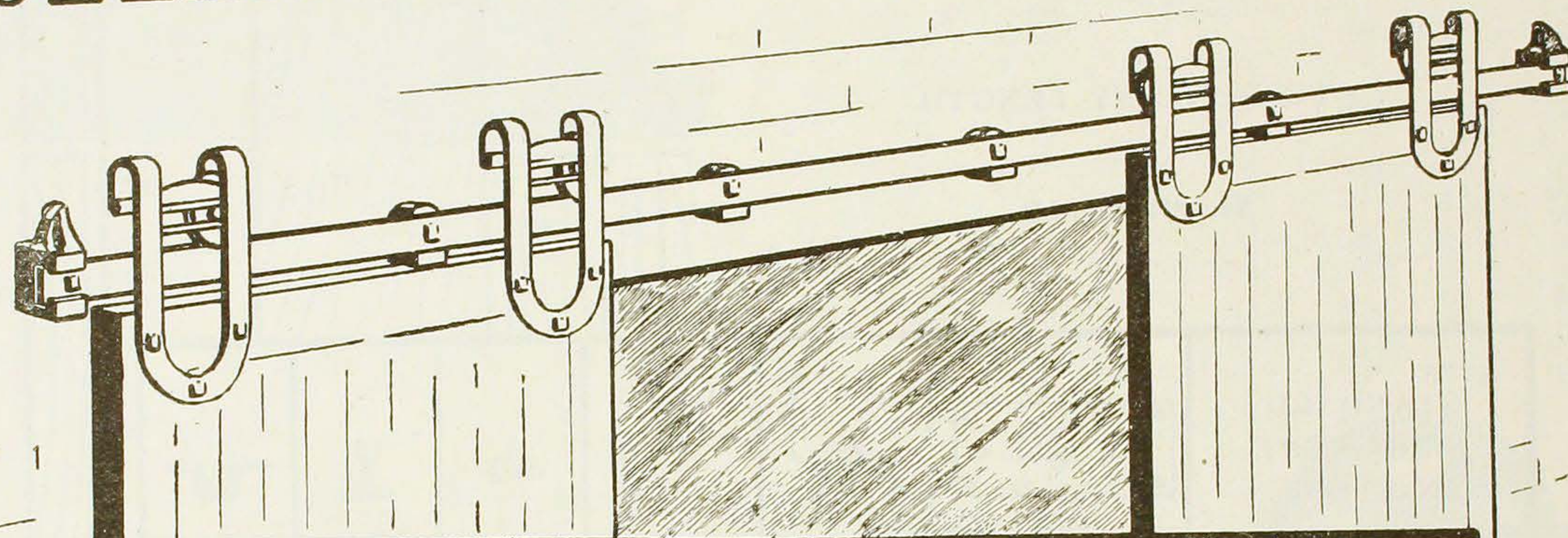


No. 2 1/2 Compound Trolley.

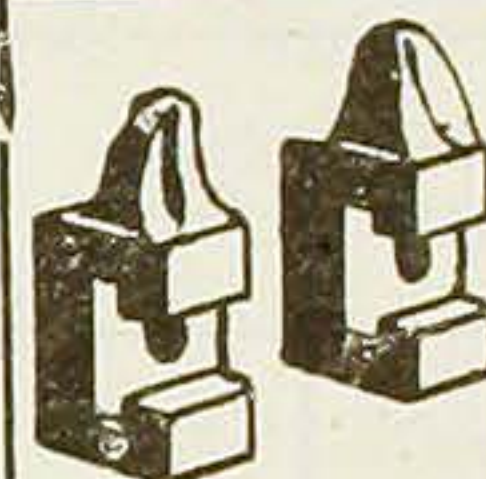
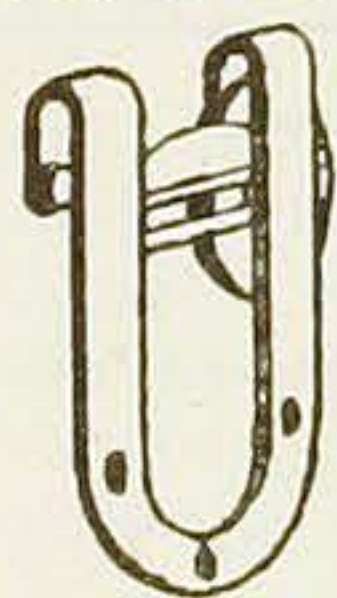


No. 4 Compound Trolley.

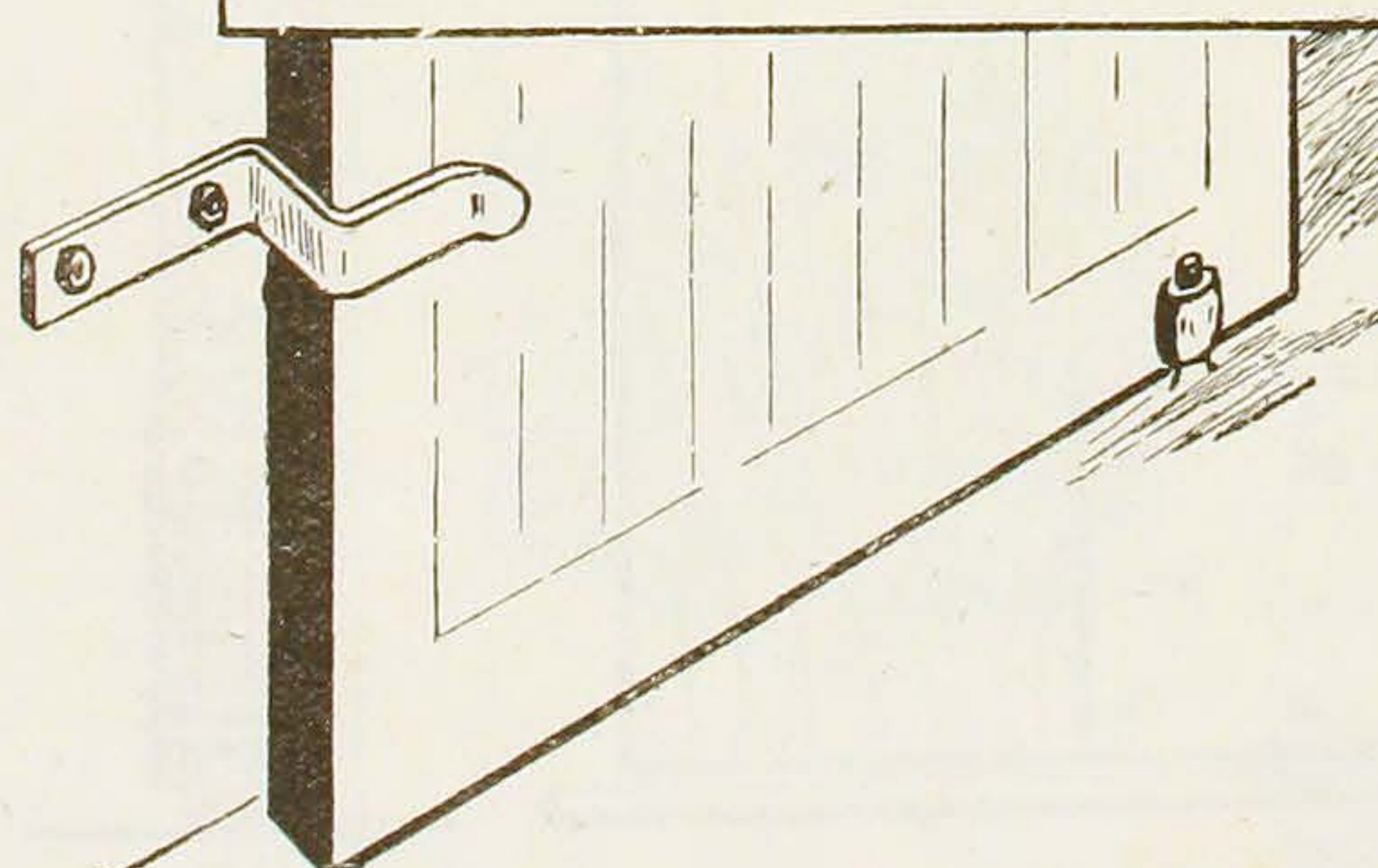
ROLLER BEARING DOOR HANGERS



STANDARD SIZES
KEPT IN STOCK.



Width of Door.	Section of Hanging Rail.	W.I. Hanging Rail Price per Foot.	HANGER. Price each.	C.I. Distance Bracket. Price each.	C.I. End Brackets Price per pair.	Guide Roller Price each.	W.I. Stop for Door Price each.
3 feet	1 3/4" x 3/8"	1/4	5/7	11d.	2/10	With Hard Wood Roller, 2/1 or with Iron Roller, 4/2	1/4
4 "	2" x 3/8"	1/8	8/4	11d.	3/6		1/4
5 "	2 1/2" x 3/8"	2/1	12/7	1/2	4/10		1/4
6 "	2 1/2" x 1/2"	2/10	16/10	1/4	6/4		2/1
7 "	3" x 1/2"	3/6	22/4	2/1	9/10		2/1
8 "	3" x 1/2"	3/6	25/2	2/1	9/10		2/1
10 "	3" x 5/8"	4/2	33/7	2/1	11/2		2/10
12 "	3" x 5/8"	4/2	42/-	2/1	11/2		2/10
14 "	3" x 5/8"	4/2	46/2	2/1	11/2		2/10
16 "	3" x 5/8"	4/2	51/10	2/1	11/2		2/10
18 "	3" x 5/8"	4/2	63/-	2/1	11/2		2/10
20 "	3" x 5/8"	4/2	72/10	2/1	11/2		2/10



No. PHS 8848

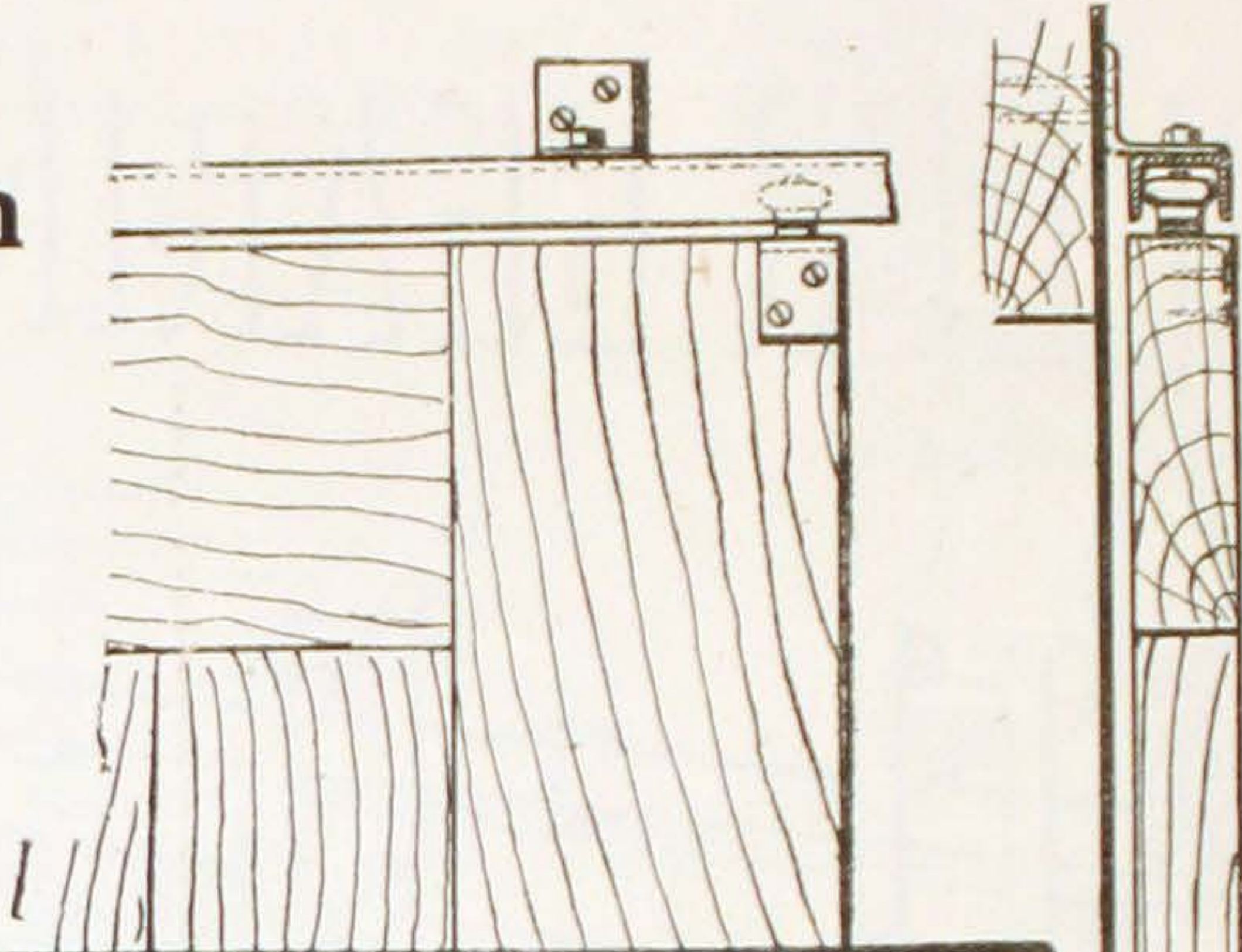
Whichever you Prefer.

Besides the above method, we strongly recommend "Coburn" Round Trough Steel Track and Fittings for Sliding Doors of all kinds. (See pages 274 to 279). Special Catalogue may be had on application.

Roller Bearing Bottom Door Runners

TO RUN ANY LENGTH.

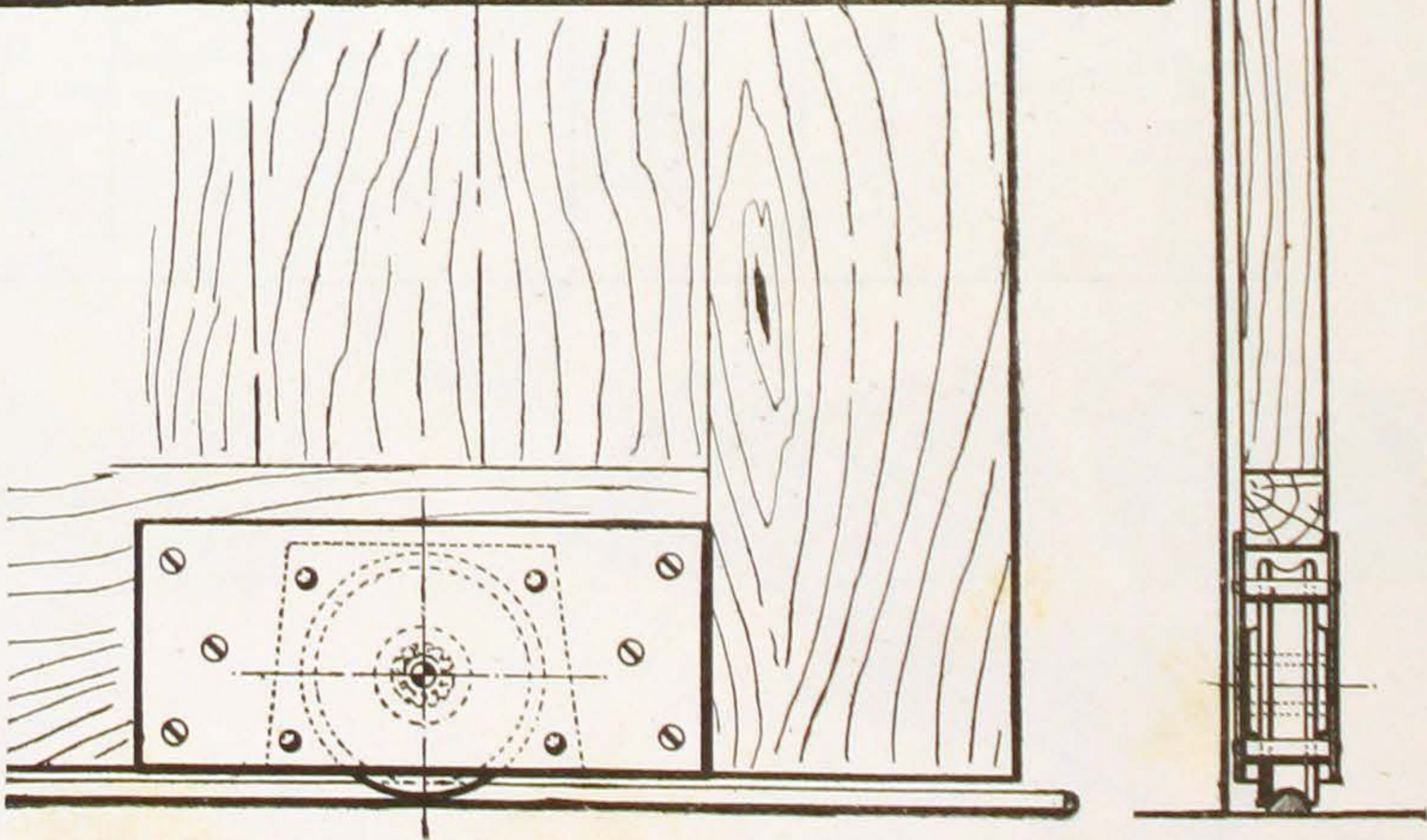
No. PHS 8849



STANDARD SIZES KEPT IN STOCK.								
Size of Bottom Door Runner	Standard thickness of Door	BOTTOM DOOR RUNNER		Top Guide Channel with Angle Cleats Price per foot	Top Guide Roller with Angle Cleat Price each	W.I. Bottom Rail A Price per foot	W.I. Bottom Rail B Price per foot	W.I. Bottom Rail C Price per foot
		Width between Plates	Price Each					
No. 1	1 1/2"	13 3/8"	11/2	2/1	4/2	3/4" x 7/16" 11d.	2/1	Not
	2"							
No. 2	2"	13 3/4"	16/10	2/1	4/2	11d.	2/1	Now
	2 1/2"							
No. 3	2 1/2"	21 1/4"	22/4	2/1	4/2	1" x 5/8" 1/4"	2/1	Made.
	3"							
No. 4	3"	23 3/4"	28/-	2/1	4/2	1/4	2/1	
	3 1/2"							

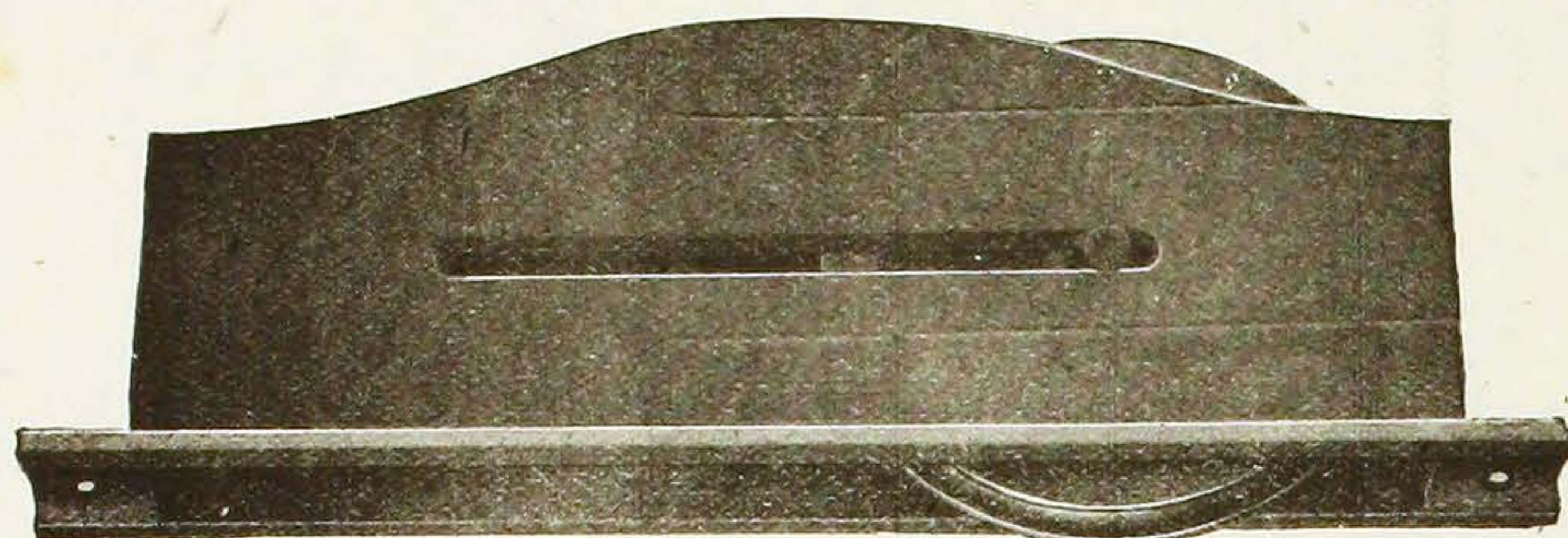
Whichever you Prefer.

Besides the above method, we strongly recommend "Coburn" Round Trough Steel Track and Fittings for Sliding Doors of all kinds. (See pages 274 to 279). Special Catalogue may be had on application.



Hatfield's Patent Frictionless Door Rollers

BOTTOM ROLLER, to mortice into door. No. PHS 6617



Dia. of Bowl.	Length of Run.	Size of Mortice required Length.	Depth.	Thickness Bowl.	Groove in Bowl.	Price.
1 1/2"	2' 0"	5 1/4"	1 3/4"	1 1/2"	1 1/4"	2/- each.
1 1/2"	3' 0"	7"	1 3/4"	1 1/2"	1 1/4"	2/- "
1 1/2"	4' 0"	8 1/4"	1 3/4"	1 1/2"	1 1/4"	2/2 "
1 1/2"	5' 0"	10 1/4"	1 3/4"	1 1/2"	1 1/4"	3/2 "
2"	2' 0"	5 1/2"	2 1/4"	1 3/4"	1 1/2"	2/2 "
2"	3' 0"	7 1/4"	2 1/4"	1 3/4"	1 1/2"	2/5 "
2 1/2"	4' 0"	10 1/4"	2 3/8"	1 3/4"	1 1/2"	3/1 "
3"	3' 6"	7 1/8"	3 1/4"	1 3/4"	1 1/2"	2/8 "
3"	4' 0"	9 1/4"	3 1/4"	1 3/4"	1 1/2"	3/2 "
3"	7' 0"	14 1/4"	3 1/4"	1 3/4"	1 1/2"	6/7 "
3"	9' 0"	7 1/4"	3 1/4"	1 3/4"	1 1/2"	6/7 "
3 1/2"	5' 0"	11"	3 3/4"	1 3/4"	1 1/2"	5/8 "
4"	6' 0"	13"	4 3/8"	1 3/4"	1 1/2"	6/7 "
4"	8' 0"	16"	4 1/2"	1 3/4"	1 1/2"	8/- "
5"	4' 6"	10"	4 1/2"	1 3/4"	1 1/2"	5/8 "
6"	7' 0"	15 3/8"	6 1/4"	1 7/8"	1 3/4"	10/6 "
6"	9' 0"	17 5/8"	6 1/4"	1 7/8"	1 3/4"	14/6 "
6"	10' 0"	18 3/4"	6 1/2"	1 9/8"	1 3/4"	18/6 "
6"	12' 0"	21"	6 1/2"	1 9/8"	1 3/4"	22/6 "
6"	18' 0"	27 3/4"	7"	1 9/8"	1 3/4"	39/6 "
8"	16' 0"	24 3/4"	8 1/4"	2"	1 3/4"	31/6 "
8"	20' 0"	28 1/2"	8 1/4"	2"	1 3/4"	42/- "
8"	25' 0"	33 1/2"	8 1/4"	2"	1 3/4"	47/3 "

Wrought Iron Running Rails for above Rollers.



A.

B.

For Bottom, Side or Gate Rollers only.

A. For Rollers with 1 1/2" 2", 2 1/2", 3", 3 1/2", 4", 5", 6" 8" Bowls.
Price ... 1/3 1/6 3/9 per foot run.

B. For Rollers with 1 1/2" 2" to 3" 3 1/2" to 5" 6" 8" Bowls.
Price, ... 1/6 2/- 2/6 2/9 4/5 per foot run.

Extra for Cast Iron Lugs, screwed on Bottom of Rail for letting into stone, 9d. per foot.

Rails can be turned up at ends to form stops. A and B Rails except 8" B Rail, 1/6 extra.

Each end, 8" B. Rail ... 2/- extra each end.

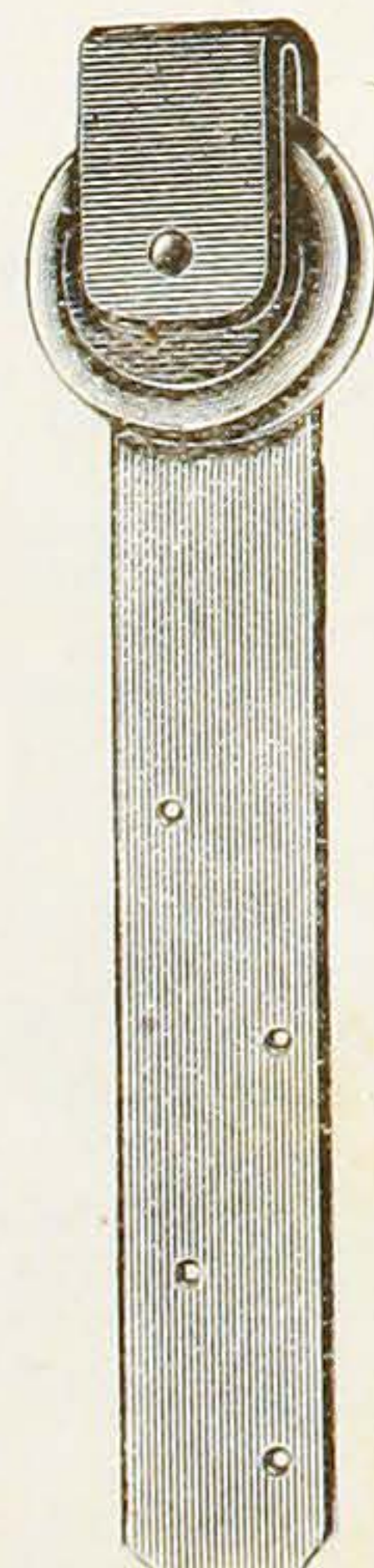
Extra Strong W.I. Barn Door Hanger.

No. PHO 6622

Solid and strong.

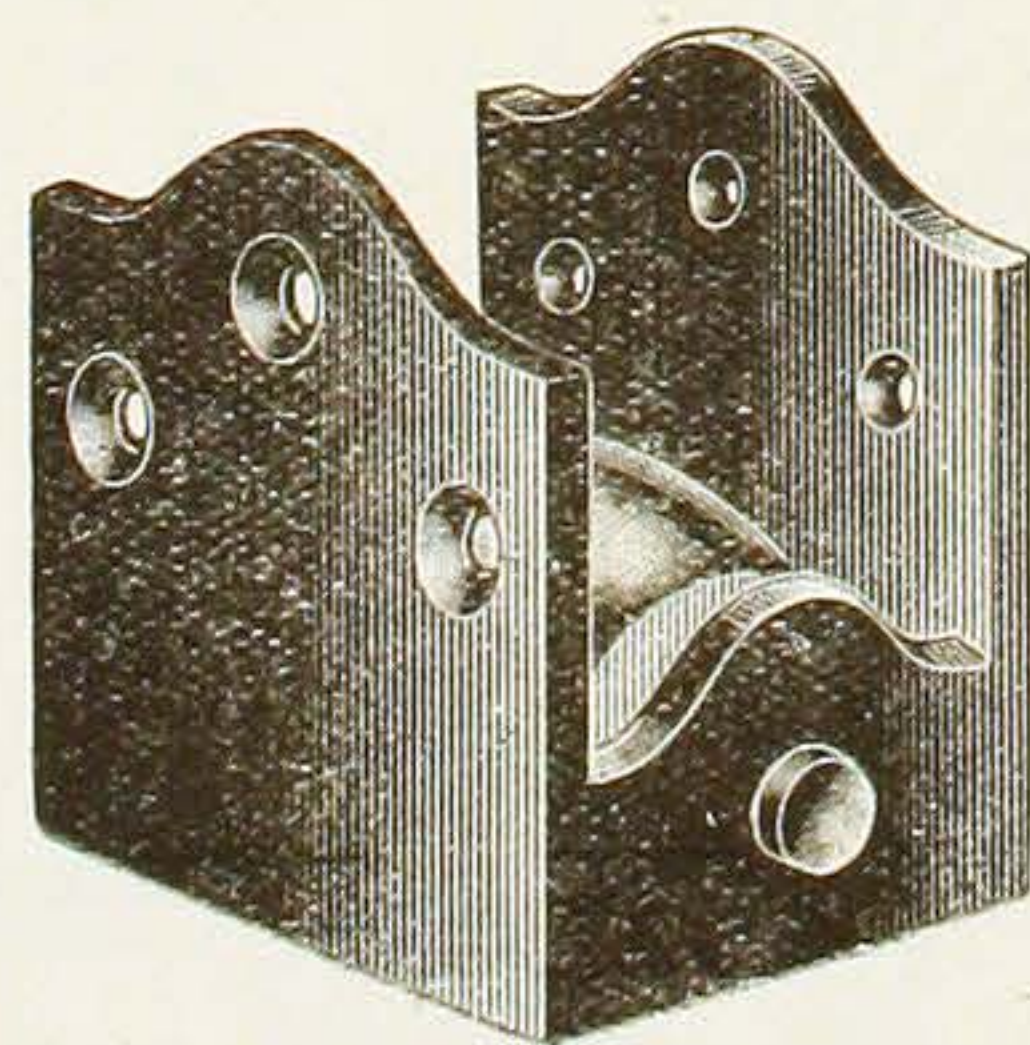
As used on old-fashioned Barn, Warehouse, and other doors.

Prices against Specification.



Strong Malleable Iron Door Roller.

To fix at toes of heavy doors or gates to relieve weight on hinges.



No. PHS 6644

For doors or gates.

Size	17"	21"	2 3/8"	2 5/8"
Doz.	36/9	42/-	57/9	78/9
Each	3/2	3/8	5/-	6/8

BOTTOM ROLLERS,

for side of door.

Plain pattern.



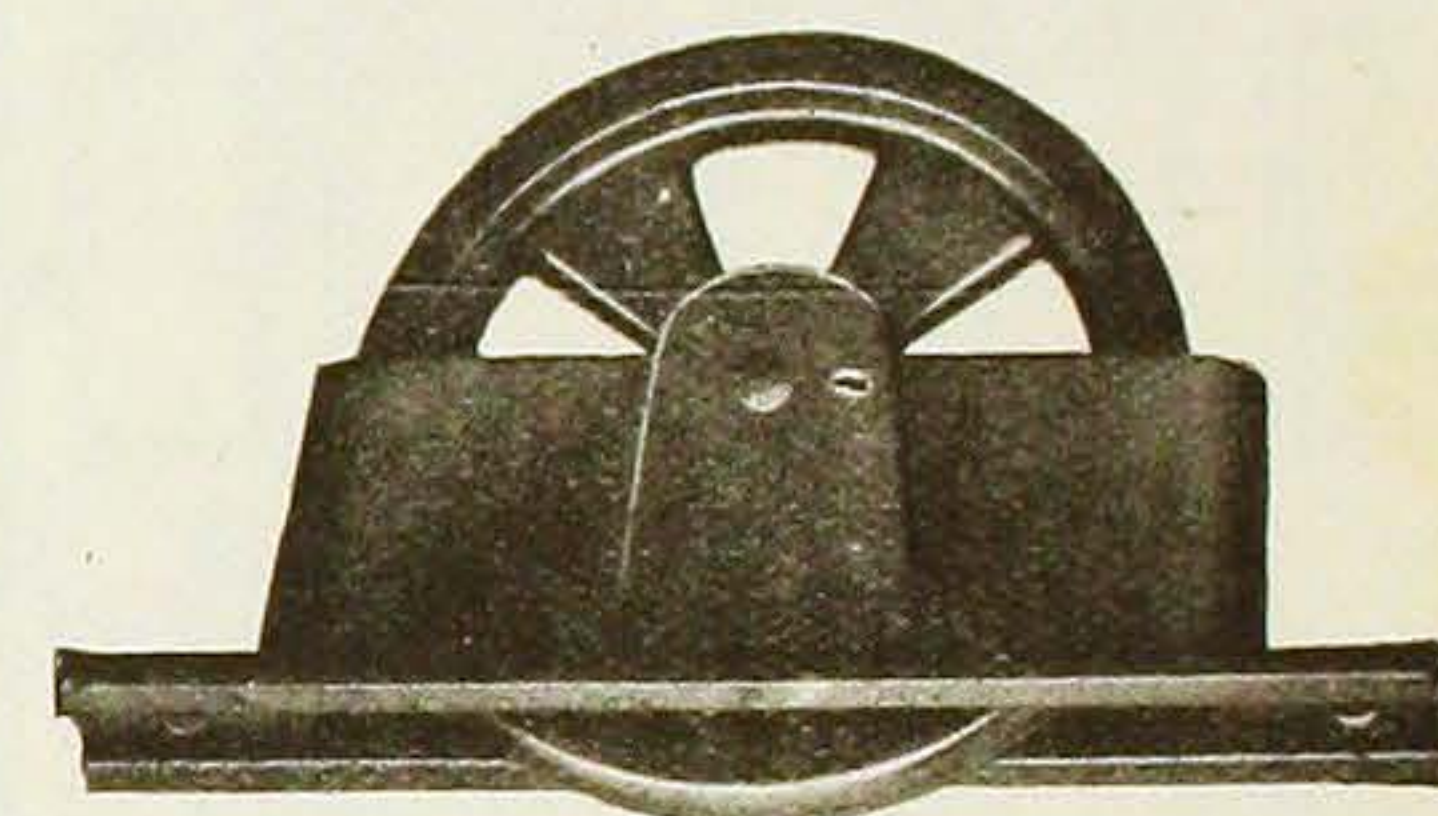
No. PHS 6618 Plain side roller.

Dia. of Bowl.	Length of Run.	Dimensions.	Berlin
2"	2' 6"	6 5/8"	2 3/8"
2"	5' 0"	10 1/2"	2 3/8"
2 1/2"	3' 0"	7 1/2"	2 3/8"
3 1/2"	4' 0"	10 5/8"	3 5/8"
3 1/2"	5' 0"	11 1/2"	3 5/8"
4"	6' 0"	13 3/8"	4 1/4"
5"	8' 0"	16 1/2"	5 1/2"
6"	10' 0"	18 3/4"	6 1/2"
8"	12' 0"	21 1/4"	8 1/2"
8"	16' 0"	25"	8 1/2"
8"	20' 0"	29"	8 1/2"
8"	30' 0"	39"	8 1/2"
10"	40' 0"	49"	10 3/8"

ANTI-FRICTION DOOR RUNNER.

(Roller Bearing).

Japanned.

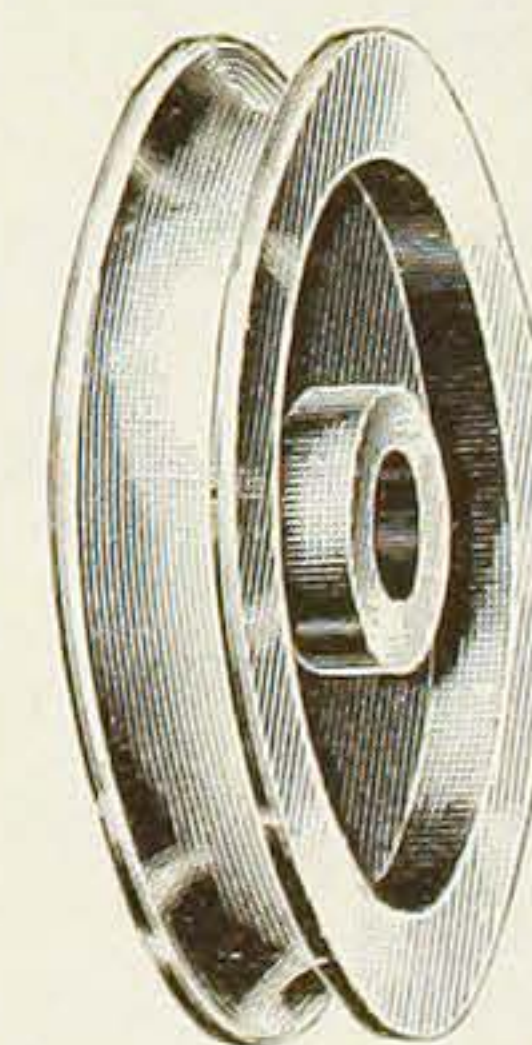


No. PHS 6624

Diameter of Plate	...	3"	4"	6"
Size of Groove	...	3/8"	3/8"	3/8"
Size of Plate	...	5 1/2" x 1"	6 3/4" x 1 1/8"	8 1/2" x 1 1/8"
Per dozen	...	17/2	28/3	52/2
Each	...	1/6	2/6	4/6

No. PHS 6625

Diameter of Plate	...	3"	4"	6"
Size of Groove	...	1/2"	1/2"	1/2"
Size of Plate	...	5 1/2" x 1 1/2"	6 3/4" x 1 1/2"	10 1/4" x 1 1/4"
Per dozen	...	17/10	29/9	53/7
Each	...	1/7	2/8	4/8



PULLEY SHEAVES.

Turned and Drilled.

No. PHS 6630

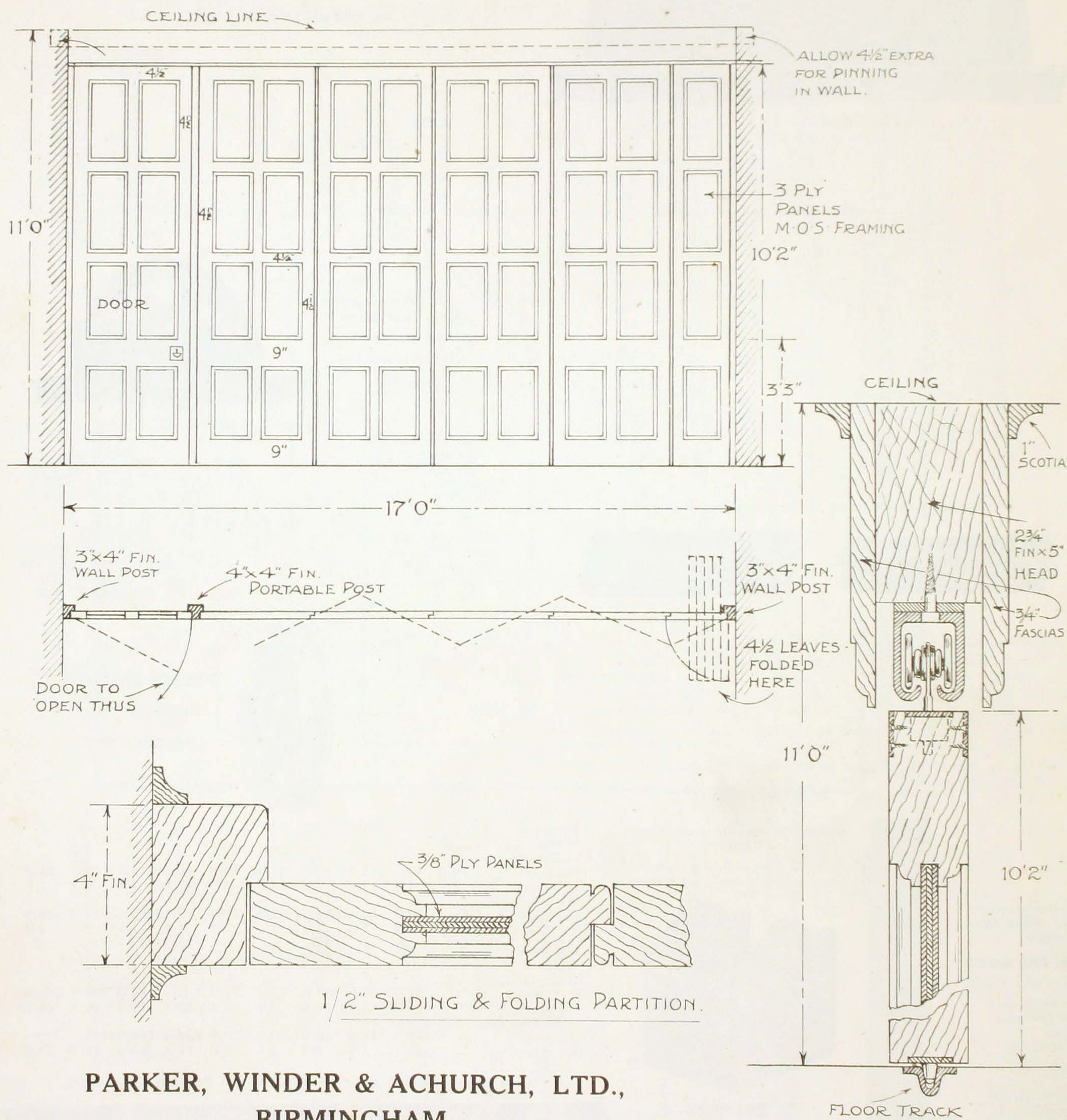
Diameter	...	3"	7"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	2"
Width	...	3 1/2"	3 1/2"	5"	5"	5"	5"	5"	5"	5"	5"
Hole, size	...	3 3/8"	3 3/8"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Per gross	...	10/3	11/-	11/10	12/8	13/9	15/9	16/6	18/2	19/9	23/8
Per dozen	...	1/-	1/1	1/2	1/2	1/3	1/5	1/6	1/8	1/9	2/1
With Pins—	...	11/-	12/8	13/4	14/2	15/4	17/4	18/10	20/6	22/2	26/9
Per gross	...	1/1	1/2	1/3	1/4	1/5	1/7	1/8	1/11	2/-	2/4
Per dozen	...	2 1/2"	2 1/2"	2 3/4"	3"	3 1/2"	4"	4 1/2"	5"	6"	6"
Diameter	...	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Width	...	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Hole, size	...	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Per gross	...	31/6	35/6	39/6	47/3	72/6	126/-	151/3	198/4	283/6	283/6
Per dozen	...	2/9	3/2	3/6	4/2	6/4	10/8	12/9	16/9	23/10	23/10
Price with Pins,	...	34/8	38/6	42/6	52/-	78/9	132/4	160/8	208/-	299/3	299/3
Per gross	...	3/-	3/6	3/9	4/6	6/8	11/3	13/6	17/6	25/2	25/2
Per dozen	...	3/-	3/6	3/9	4/6	6/8	11/3	13/6	17/6	25/2	25/2

Cast Iron Rail for Nos. PHS 6624 and PHS 6625 Rollers.



No. PHS 6627/1	For No. PHS 6624	In 2' lengths.	11/2 dozen lengths.
No. PHS 6627/2	For No. PHS 6625	"	15/-

DETAILS OF SLIDING & FOLDING PARTITIONS WITH "COBURN" TRACKS & FITTINGS.



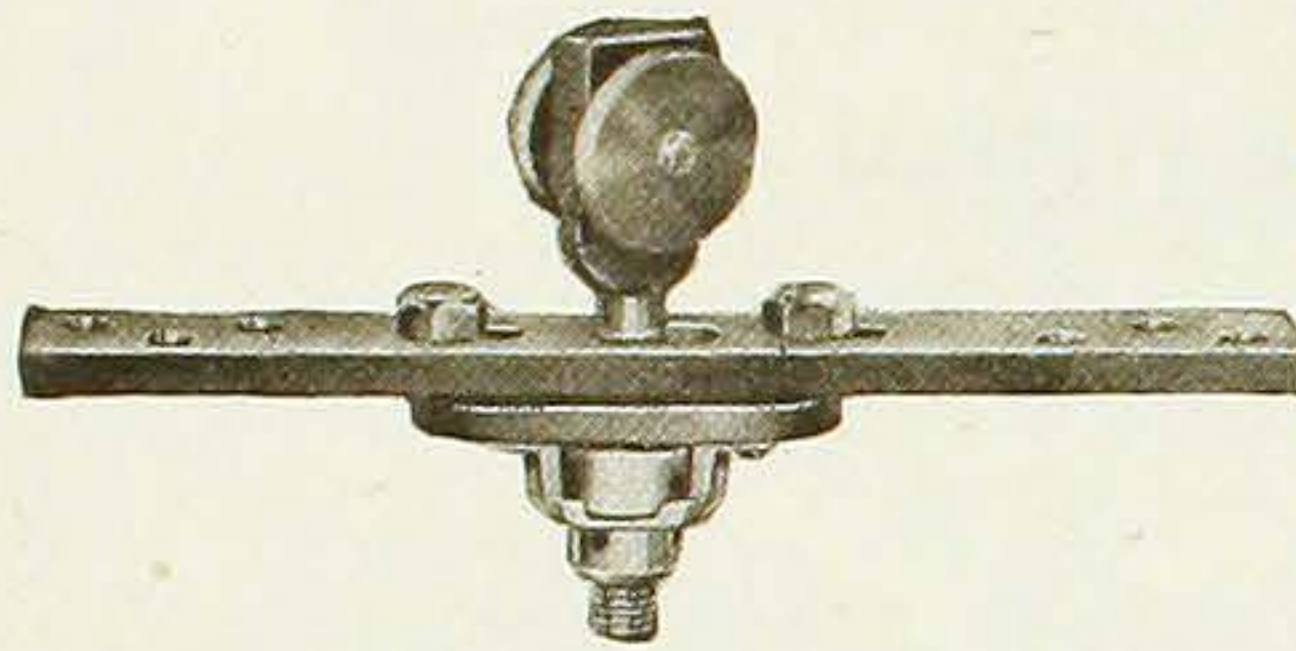
PARKER, WINDER & ACHURCH, LTD.,
BIRMINGHAM.

"Coburn" Ball-Bearing Swivelled Hangers

For Folding and Sliding Partitions, dividing rooms in Hotels, Schools, Ballrooms, etc.

Also used for Garage Entrances where Sliding Doors are not practicable.

Style No. PHS 6606



PATENT TROLLEY.

No. 600 Hanger is used exclusively for Sliding Accordion Screens. They are largely used to give temporal partitions of schools, public buildings, and for garage entrances where sliding doors are not practicable. Very little space is occupied by the partition when not in use, i.e., the width of the leaves and the total thickness of the leaves folded back. The action is fitted with ball bearings, so that all friction is obviated.

Standard **No. 600 Trolley**, without patent movement. ("K" Basis.)

To carry 200 lbs. No. 600A Hanger for No. 1 Track	8/4 each.
" 300 " 600B " " 2 1/2 " "	12/6 "
" 400 " 600C " " 4 " "	24/9 "

For Brackets, see pages 276, 277 and below. For Track, see page 276.

Patent **No. 600 Trolley**, with special movement on Ball Bearings. ("K" Basis.)

To carry 200 lbs. No. 600A, with Patent Movement	12/6 each.
" 300 " 600B " " " " "	16/6 "
" 400 " 600C " " " " "	30/- "

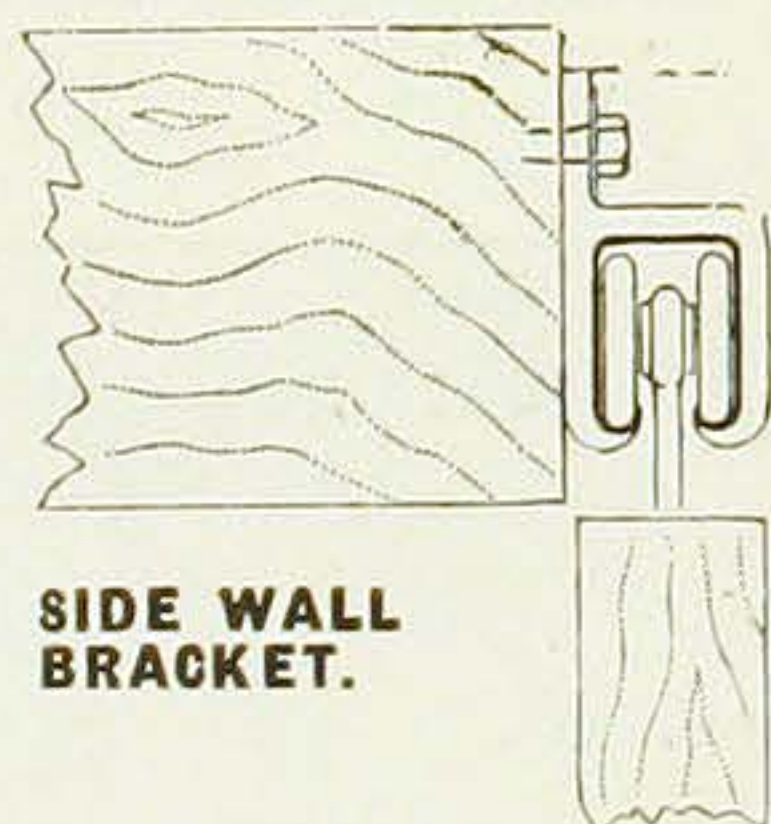
Doors or Leaves of Partition should be about 2' 6" wide, and brackets fixed at 2' 0" centres or thereabouts.

Other Essential Equipment is shown as follows:—

- Track on page 276.
- Parallel Ear and Side Wall Brackets, page 277.
- Hook Bolt Mortice and other Sliding Door Locks pages 20 and 41.
- Flush Bolts pages 87, 90, 91 and 93.
- Attention is drawn to Flush Bolt, **No. PHS 6593** on page 93.
- Locking Bars page 239. Padlocks page 238.



JOIST OR
CEILING
SIDE-EAR OR
PARALLEL EAR
BRACKET.



SIDE WALL
BRACKET.

Brackets to carry Track can be fixed to under-side of joist beam or ceiling with Side Ear or Parallel Ear Brackets, or face of joist or beam with side wall brackets, as shown.

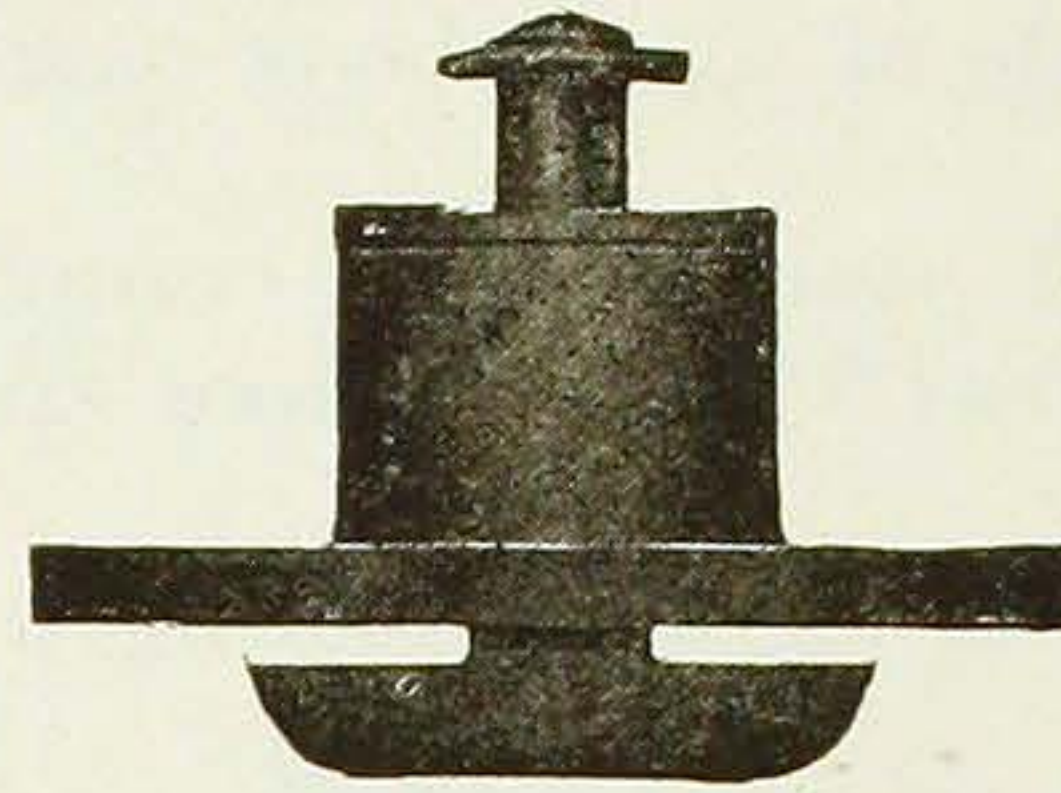
DIRECTIONS FOR APPLYING No. 600 STYLE HANGER.

Select size of Carrier and Tracks suitable for the thickness and weight of doors to be hung.

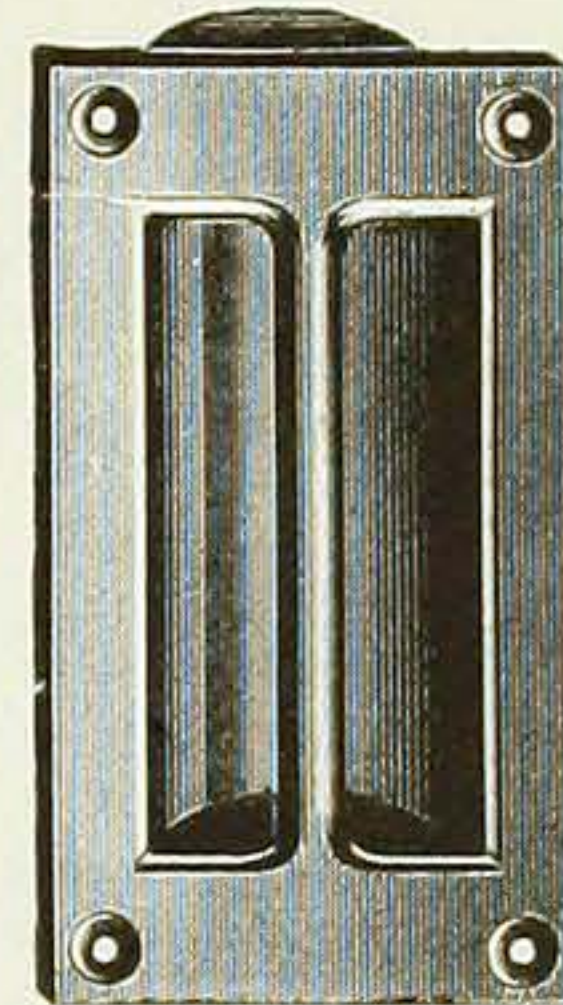
Track should equal full width of openings.

Distance from under side of header to top of door will be 4 1/2" for No. 1 Track; 6 1/2" for No. 2 1/2 Track, and 8" for Nos. 3 and 4 Tracks.

Any number of doors can be used, beginning with a half door hinged to a strip attached to the jamb on one or both sides, according to the proposed way of folding the doors. The half door must be exactly one-half the width of the full-sized doors, less half the thickness of the woodwork. For example, if the whole leaf is 3' 0" wide and 2" thick the half leaf would be 17". The full-sized doors must be of an exact width, top and bottom, and edges perfectly parallel. Hinge the doors together, fold them and strike a centre line across them all. Attach Carriers on the centre of this line, having the centre of the pendant on the exact centre of the door, considering both width and thickness. Attach **One Carrier** to each full sized door if the thickness of door equals or exceeds the diameter of the carrier wheel (trolley); if less in thickness, then apply Carriers to every other door. In case of very light screens, Carriers need only be applied to every other leaf.

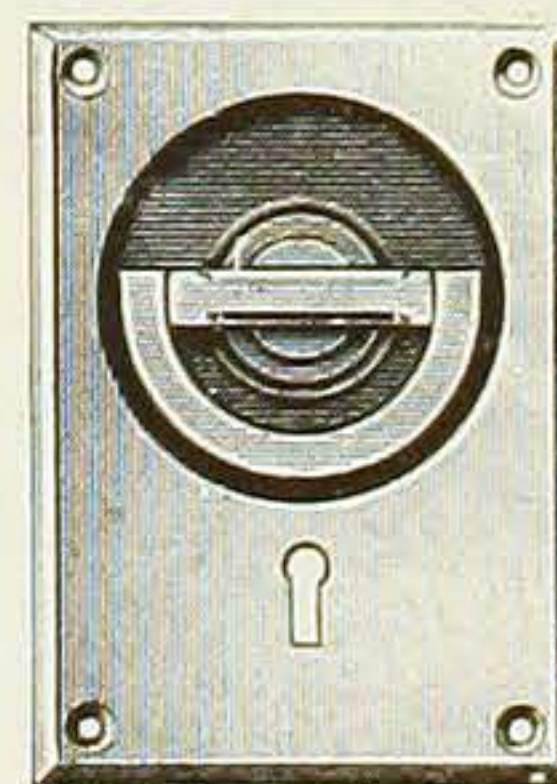


No. 5.—Roller Bearing Guide, suitable for any section of channel shown on page 279. It is used generally for revolving screens, but its vertical action, in addition, to its revolving action, make it a suitable Guide for all purposes. Price, 3/6 each. ("K" Basis.)

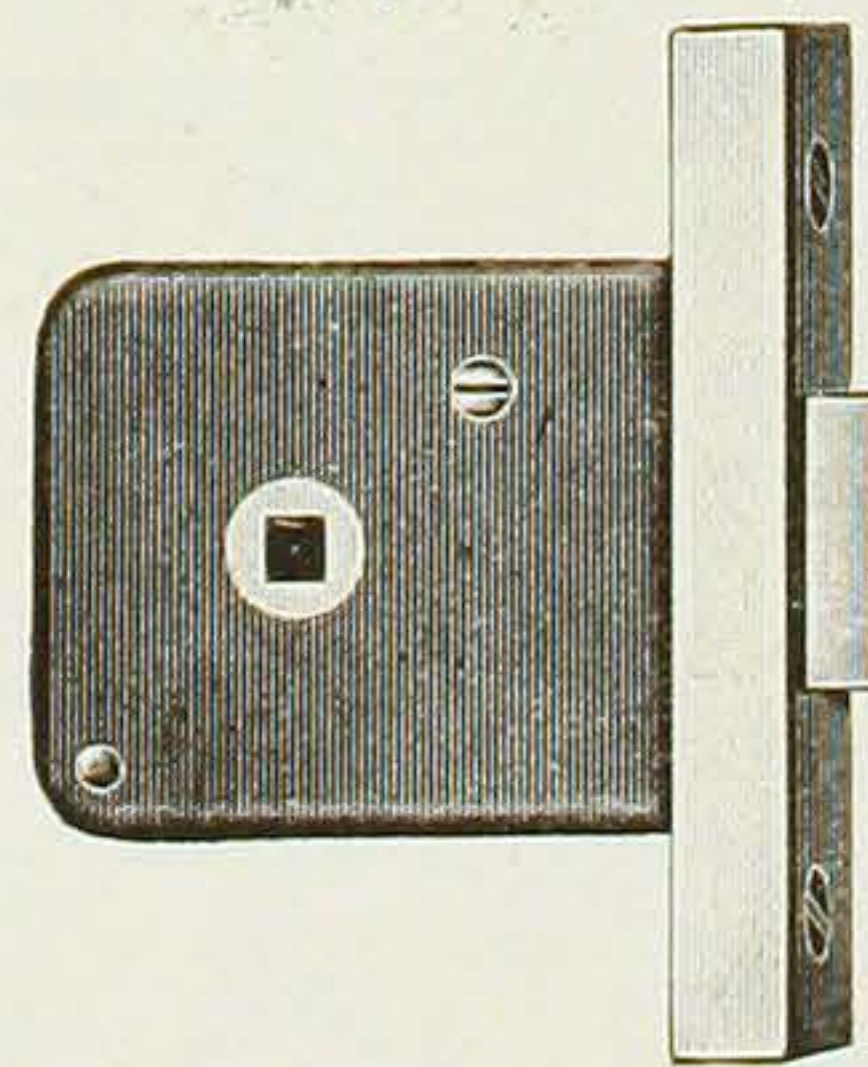


No. PHS 4390 ("B" Basis.)

	Priced each.	Jap'd.	Brass.	B.M.A.
4" x 2 1/2"	1/10	2/3	each.	
4 1/2" x 3"	2/-	4/6	5/6	"
4 1/2" x 3 1/2"	—	3/2	3/10	"
5" x 3"	—	5/4	6/4	"
5" x 3 1/2"	2/6	—	—	"
5 1/2" x 3"	4/3	—	—	"
6 1/2" x 4 1/2"	—	—	—	"

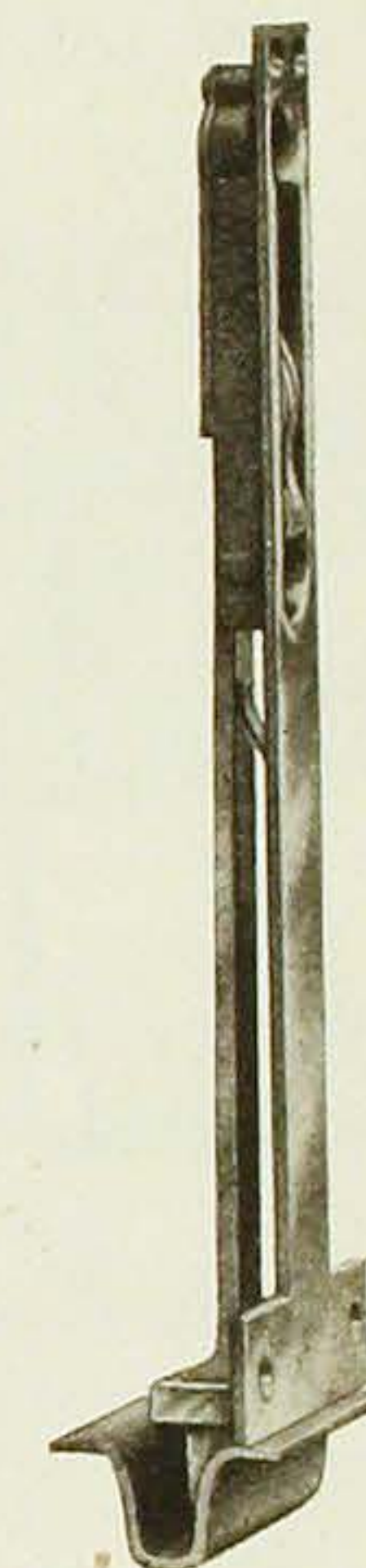


No. PHS 1213 5 1/2" x 4" Strong Cast Flush Mortice Lock Furniture (to suit Lock **No. PHS 1212**) Per Half Set as illustrated. Brass, 7/6 each, B.M.A. 10/- each. ("B" Basis.)



No. PHS 1214 Half Rebuted Brass Bolt Japanned Steel Case Mortice Latch. ("B" Basis.)

Size	1 1/2"	2"	2 1/2"
	52/6	52/6	52/6 dozen.
	4/6	4/6	4/6 each.
Size	3"	3 1/2"	4"
	52/6	54/3	56/- dozen.
	4/6	4/8	4/10 each.



No. PHS 6258 Best Brass Lever Flush Bolts for Sliding Doors with Special Shoot for Steel Channel.

("B" Basis.)

8" x 1"	5/9 each.
10" x 1"	6/9 "
12" x 1"	7/6 "

Size No. 3 Steel Channel to let into wood floor, drilled, 8d. per lineal foot nett. ("K" Basis.)

See larger illustration page 279.

Ditto, prepared for concrete floors, 1/- per lineal foot nett. ("K" Basis.)

See illustration page 279.

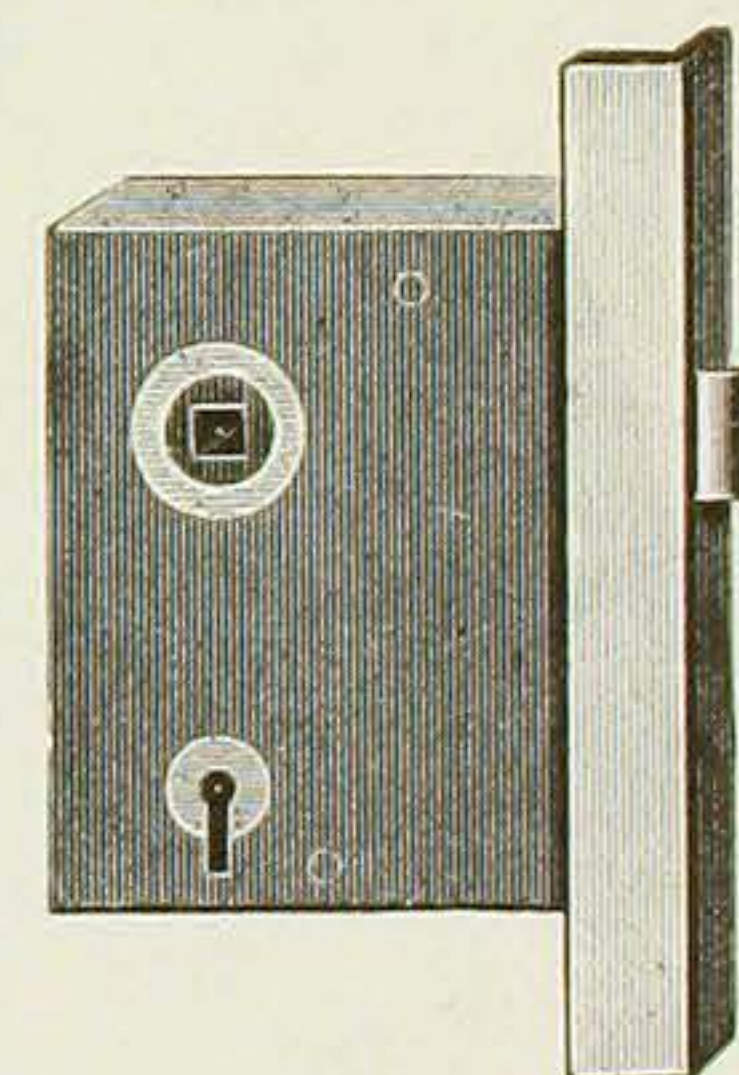
HINGES to Suit.

Back Flaps, Brass, Strong Cast.

No. PHS 1863 1 1/4" x 3 1/2" 2" x 4" 2 1/2" x 4 1/2" ("B" Basis) 24/6 31/6 38/6 dozen pairs. 2/1 2/8 3/3 per pair.

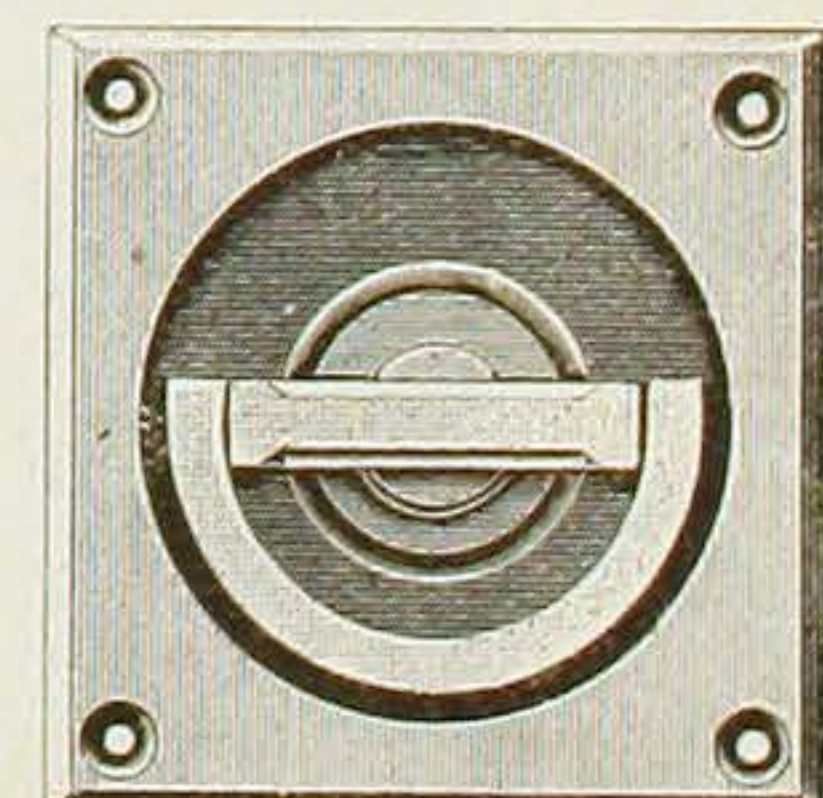
Steel Butts. Machine Made Heavy.

No. PHS 250 3" 3 1/2" 4" ("A" Basis) 3/5 4/2 5/3 dozen pairs. 4 1/2 d. 5d. 6d. per pair.



No. PHS 1212 3 1/2" Half Rebuted Brass Bushed, with Brass Bolts, Stamped Steel Case Mortice Lock, 7/9 each. If supplied hand-made Case to differ in dozens, Satin Black finish 15/9 each. ("B" Basis.)

For HOOK BOLT AND OTHER SLIDING DOOR LOCKS, See Pages 20 and 41.



No. PHS 4375 4" x 4" Flush Mortice Latch Furniture (to suit Lock, **No. PHS 1214**) Per Half Set as illustrated. Berlin Black 2/8 each. Cast Brass 6/6 " B.M.A. 7/6 " ("B" Basis.)

REVOLVING SHUTTERS

Revolving Shutters are extensively used for the entrances to garages, warehouses, etc., and also for the fronts of shops, book-cases, and so on.

They are easily operated, durable and compact, and as they open in a vertical direction they effect a great saving in floor space.

Steel Shutters can be used for fire-resisting purposes.

Spring balanced Shutters to operate with pole and hook can be supplied up to 11 feet wide and with a maximum area of 110 super. feet in wood and 80 super. feet in steel.

Larger shutters require in addition to be geared with spur wheels and operated with an endless hand chain.

For very wide openings, two or more shutters may be used with portable grooved pilasters between.

Prices for the additional gearing will be sent on receipt of full particulars of the openings to be covered.

Prices :—

No. PHO 7136	Wood Shutters	.. ..	3/3	per super. foot.
No. PHO 7135	Steel Shutters	.. ..	6/-	„ „

Carriage Paid within free railway delivery limits

Note.—Superficial area of shutter :—

Width of opening multiplied by the height plus 15 inches.

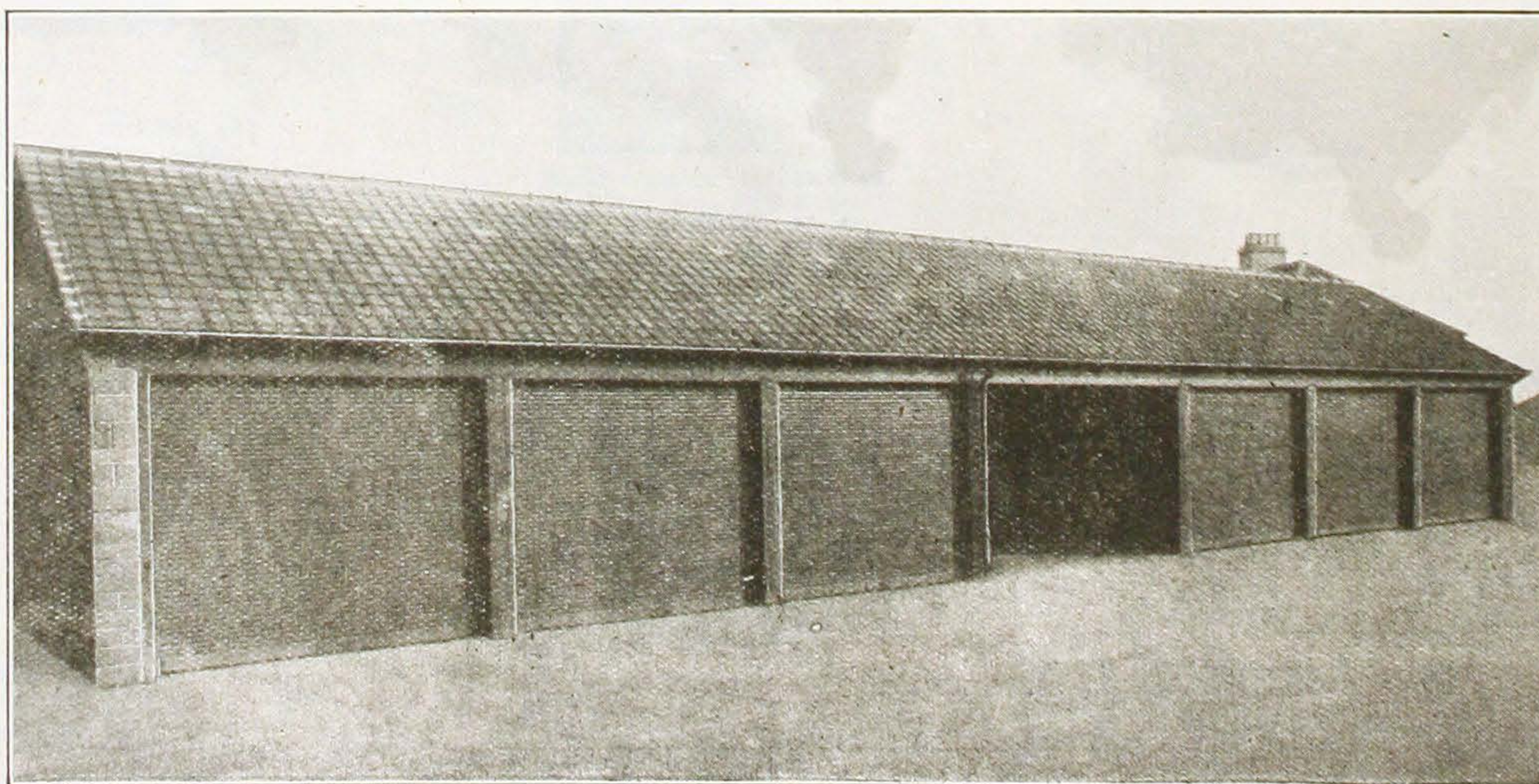


Illustration of Lock-up Garages fitted with Revolving Shutters.

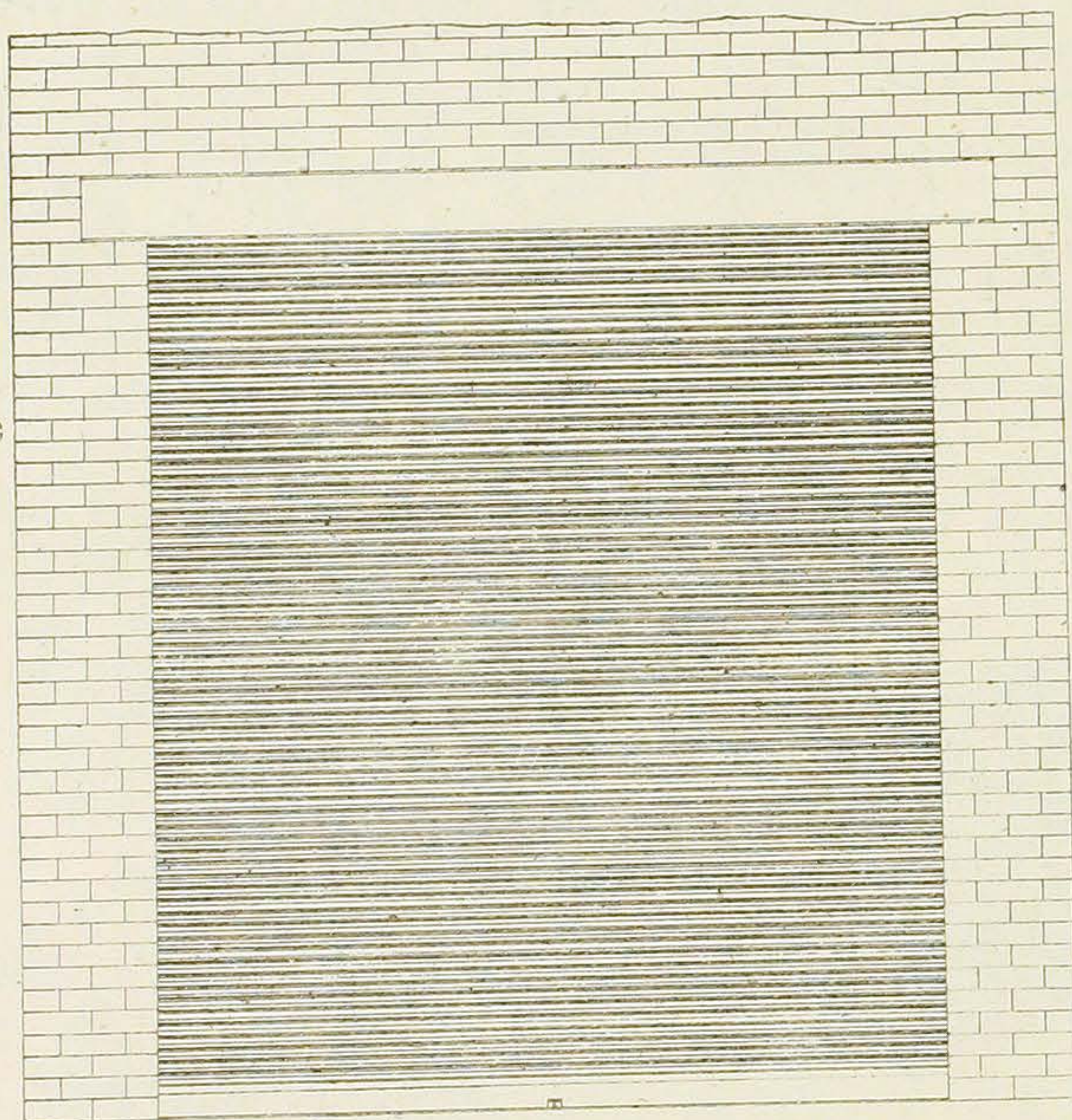
General Arrangement of Wood Lath Shutters with Self-coiling Springs

DETAILS OF WOOD LATH REVOLVING SHUTTER WITH SELF COILING SPRINGS TO SUIT OPENING 9'-0" WIDE BY 10'-0" HIGH, SCALES 1" AND 3" TO THE FOOT.

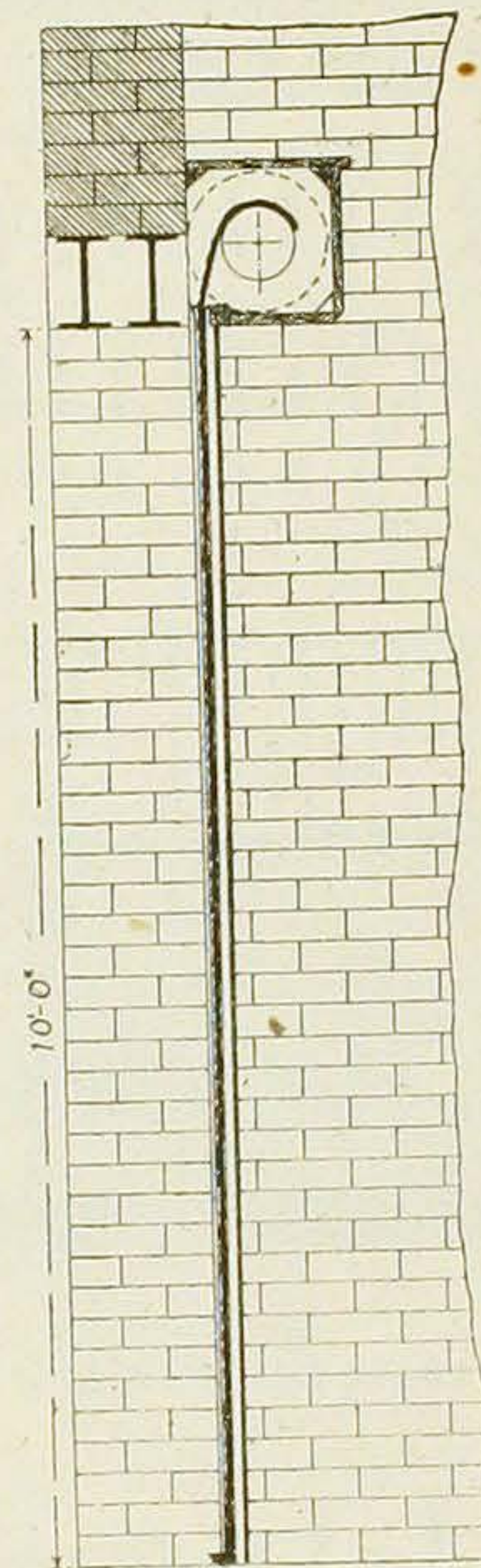
DRAWING No. 1.

JAP
1912

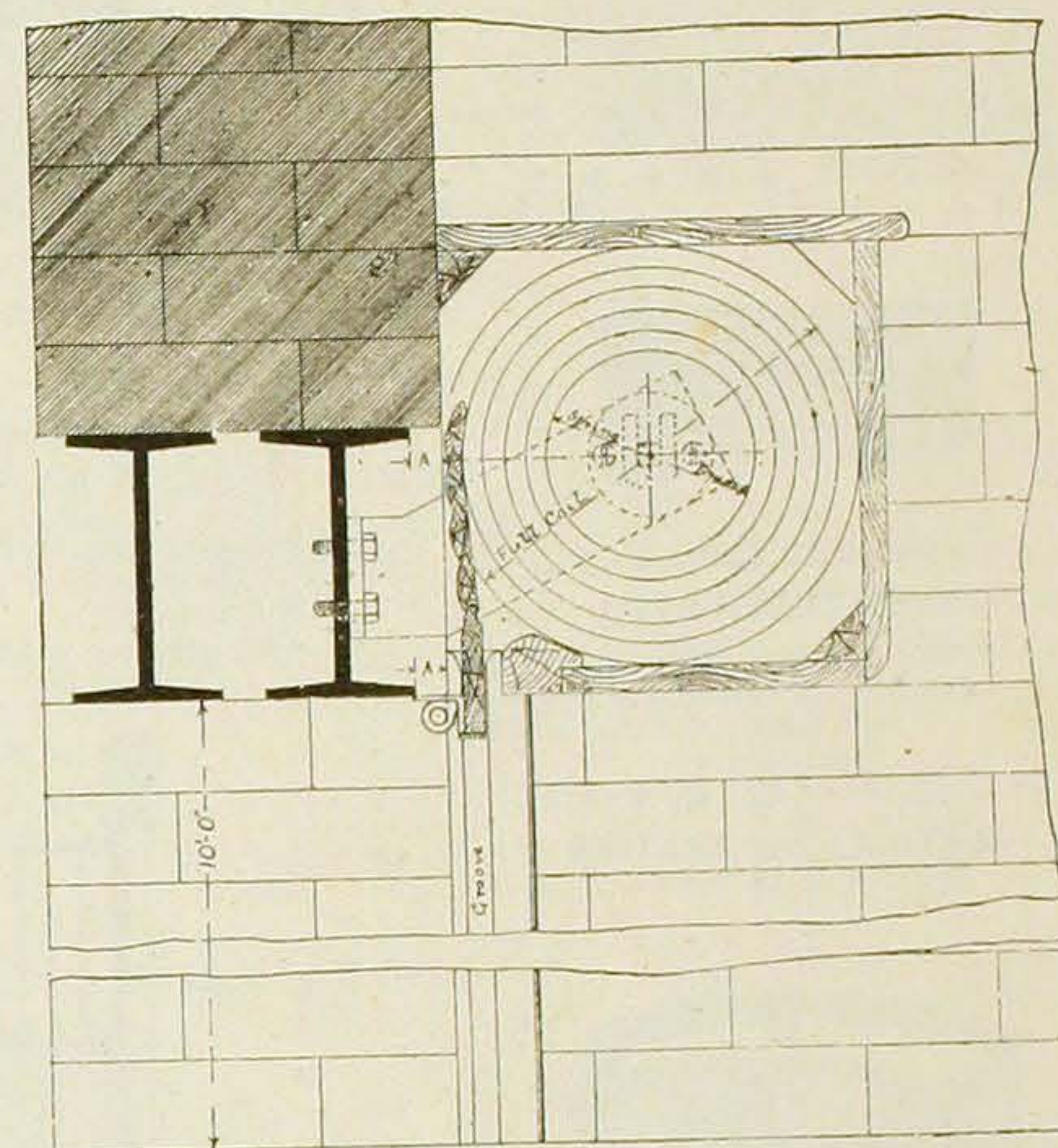
Notes Dimension 'A' should be as small as possible. Dimension 'B' may be reduced to 3".
Casing round full Coil of Shutter should be erected with Screws.



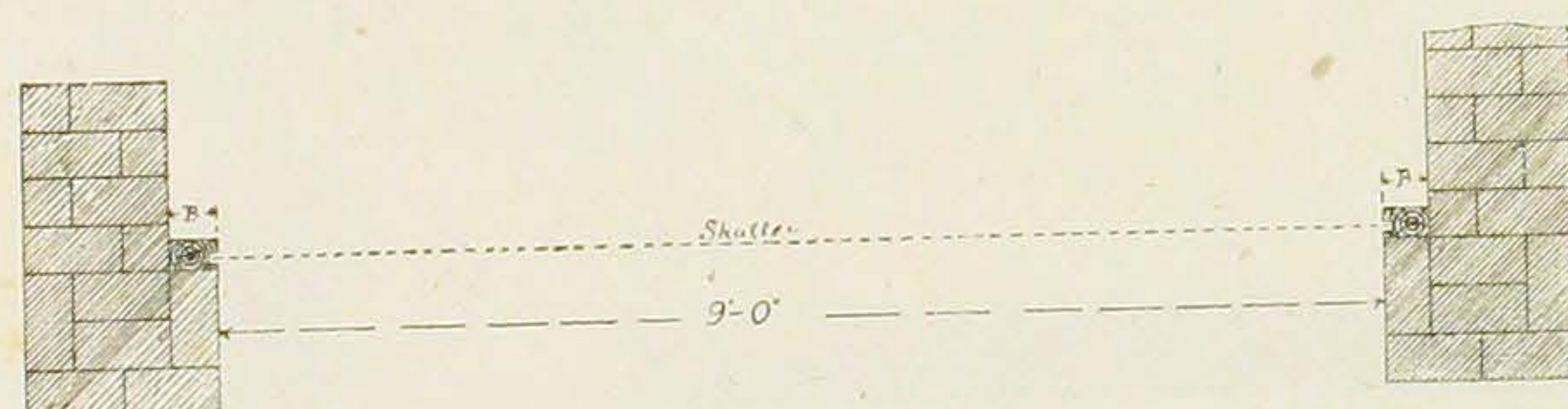
— FRONT ELEVATION —



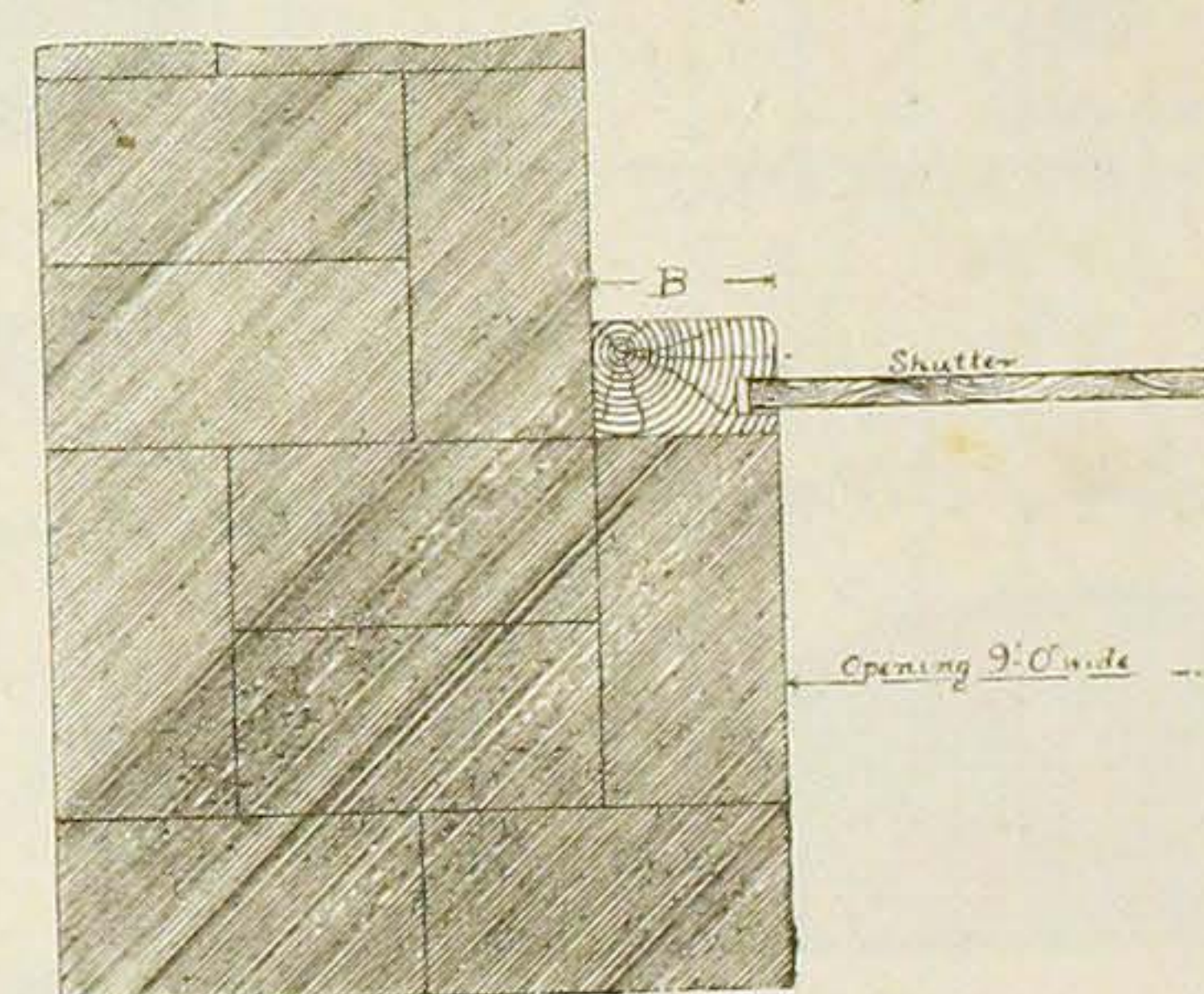
— SECTION —



— SECTION THRO' COIL —
— QUARTER SIZE —



— GROUND PLAN —



— GROUND PLAN —
— QUARTER SIZE —

Suitable for Motor Garages, Boiler Houses, Shop Windows, Doorways, School Partitions, Bank Entrances, Coach Houses, Book-Cases, Cupboards, Hoist Entrances, etc., etc.

Shutters can be made from Wood Lathes, Corrugated Steel Plates, etc.

For very wide openings two or more sections of shutters may be used with Portable Grooved Pilasters between.

See opposite page for price per square foot.

We shall be pleased to quote our lowest prices against specification.

Stable Fittings



No. PHO 9367
COW HOUSE WINDOW.

Size	3' 0"	3' 0"
	3' 2"	3' 9"
Painted for Wood Slide	£ 11 6	£ 19 0 each.
Painted with Iron Slide	3 6 3 4 1 0	

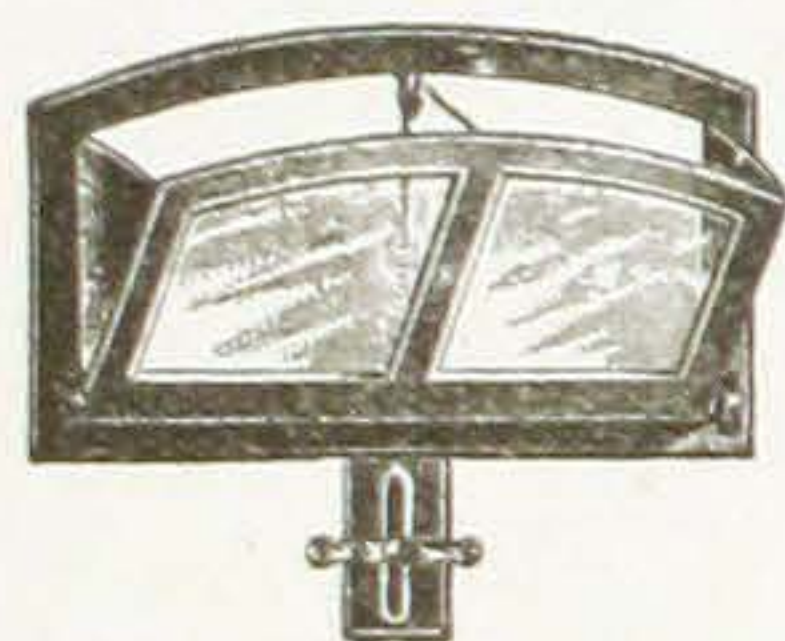


No. PHO 9364
INLET VENTILATOR.

Fitted with Cord and Balance Weight.
Can be supplied for Glazing if required.
Size 2' 5" x 9" inside x 2' 8 1/2" x 1' 0 1/2" outside.

Painted .. £2 0 6 each.

VENTILATING GRATING
for above 14/9 each.



No. PHO 9366

IMPROVED VENTILATING SASH.

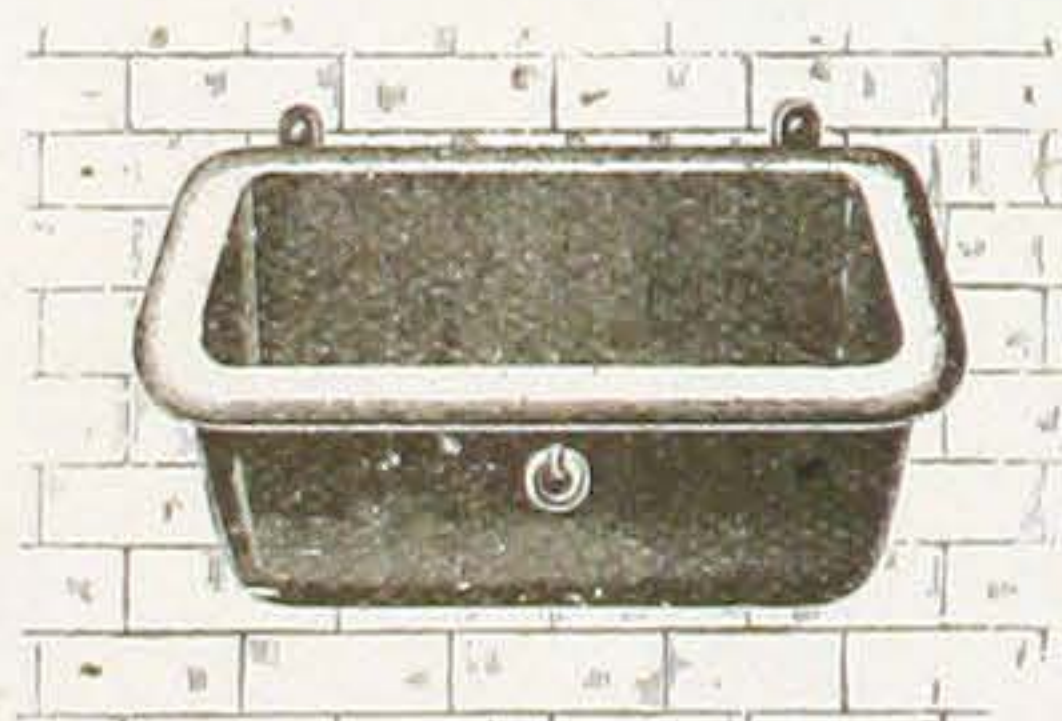
Size of opening	2' 10 1/2"	2' 9"
	1' 8 1/2"	1' 3"
Painted	£ 3 4 6	£ 2 19 0 each



No. PHO 9365

VENTILATING GRATING.
Square or Diamond Mesh.

For Sash	2' 10 1/2"	2' 9"
	1' 8 1/2"	1' 3"
Painted	22/3	18/6 each



No. PHS 4286

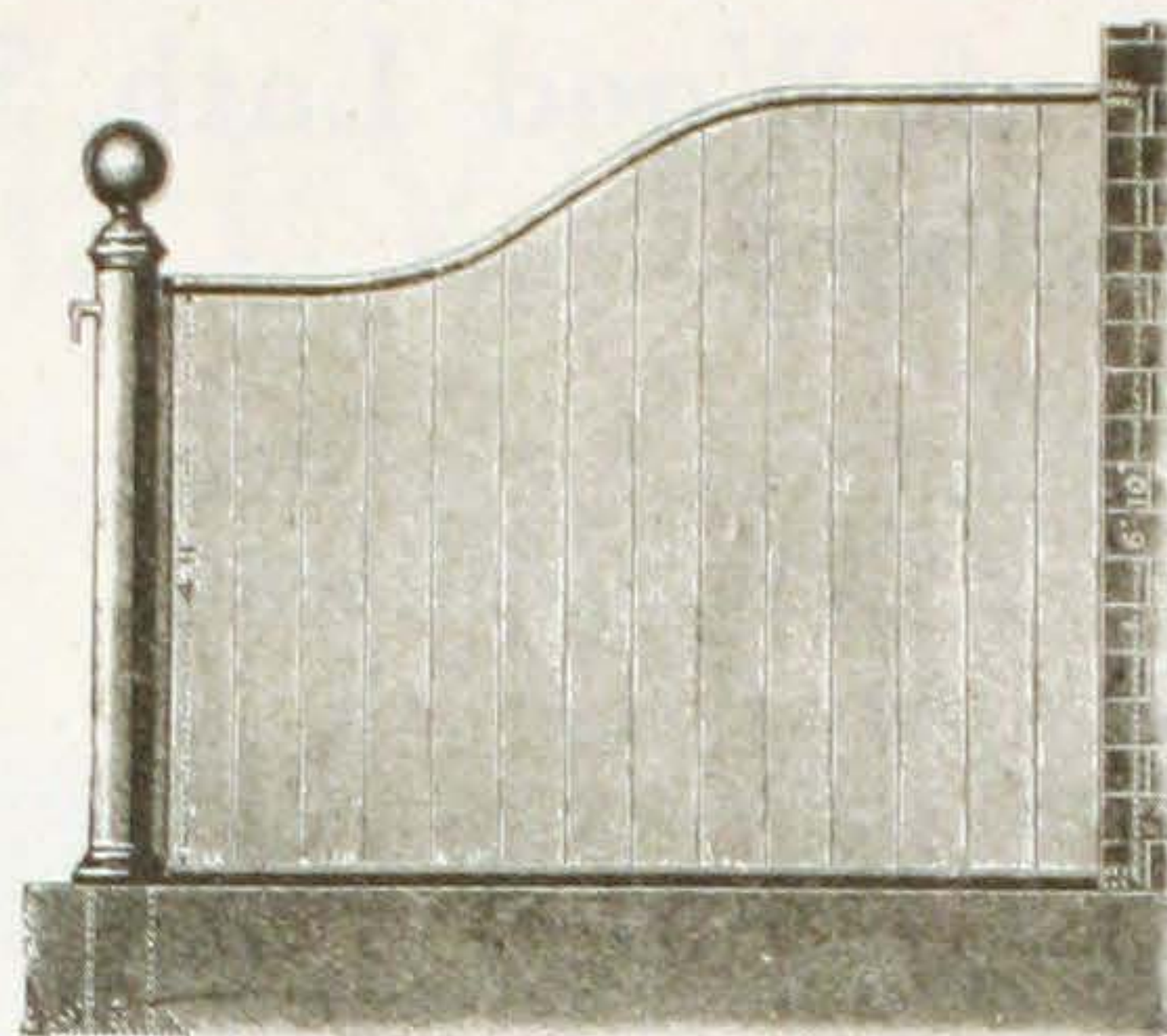
CENTRE MANGER.

With Wrought Iron Ring.
Price, Painted.

Size 36" Pot, 33" long x 11" back to front x 8" deep	27/9 each.
Size 33" Pot, 30" long x 11" back to front x 8" deep	25/9 "
Size 30" Pot, 27" long x 11" back to front x 8" deep	24/- "

Extras:

Enamelled inside—Size 36" 36/9; Size 33" 33/3; Size 30" 29/6 each. Brass Ring, 7/6 extra.

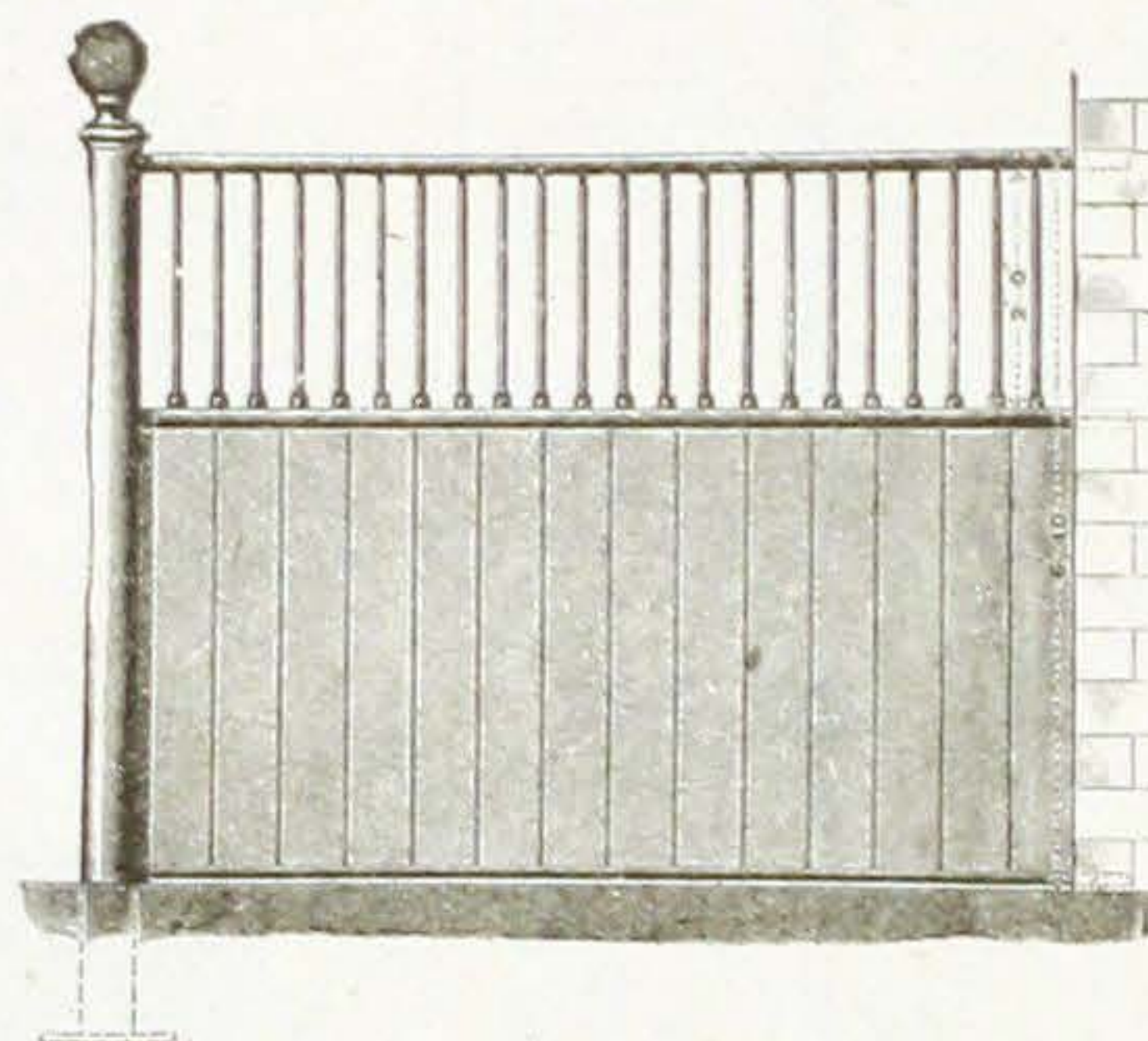


No. PHO 9369 STALL DIVISION.

Post for bolting to stone, fitted with Wrought Iron Ring.

	4"	4 1/2"	5"	6" diameter
Stall Post, painted	£ 10 0	£ 11 0	£ 12 3	£ 19 6 each.
Brass Ring	0 7 4	0 7 4	0 7 4	0 7 4 extra

	1 1/2"	1 3/4"	2" wood.
Ramped Rail, 9' 6" long, painted	£ 13 3	£ 18 6	£ 24 3 extra
Sill, painted	1 4 0	1 5 9	1 7 8 "
Also supplied with Straight Capping Rail, 9' 6" long	1 11 3	1 13 3	1 15 0 "



No. PHO 4251 LOOSE BOX DIVISION.

Ventilating Panel, 9' 6" long, 2' 0" high.
3/8" Wrought Iron Bars, 3" centres.

	1 1/2"	1 3/4"	2" wood.
Loose Box Ventilating Panel, painted	£ 19 6	£ 28 9	£ 38 0 each.
If 30" high	6 18 0	7 7 0	7 16 3 "
Loose Box Sill, painted	1 4 0	1 5 9	1 7 8 "
Loose Box Post for Bolting to Stone, painted	£ 3 17 3	£ 4 4 6	£ 5 1 3 7 14 6 each.



SECTION

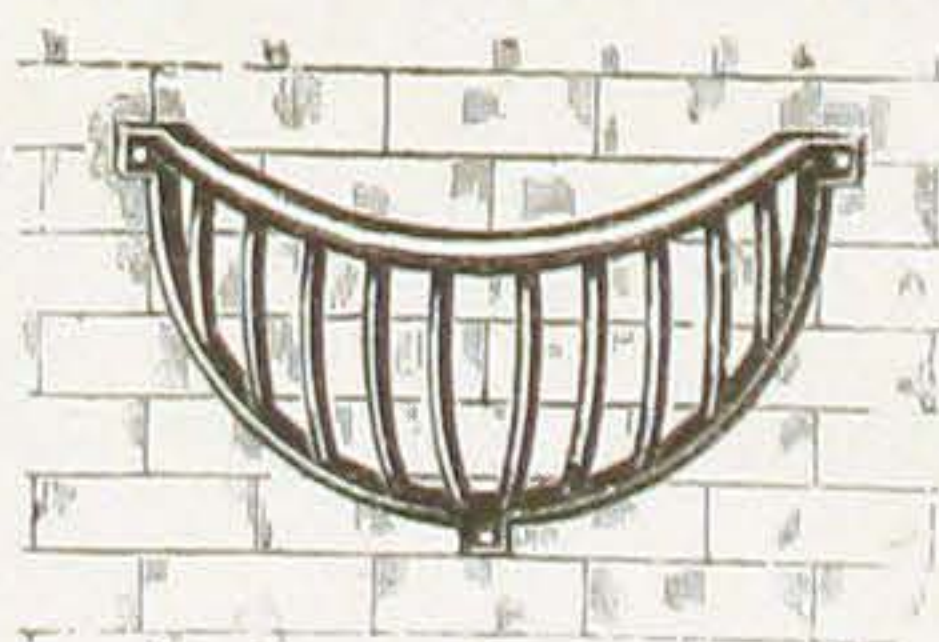
No. PHO 4337

LOAST IRON COVER AND ANGLE IRON FRAMING.

For earthenware or concrete drains.

Size	7"	9"	12" wide overall.
Painted	7/6	9/3	13/- per foot run.

Extra for Fitting to plan.

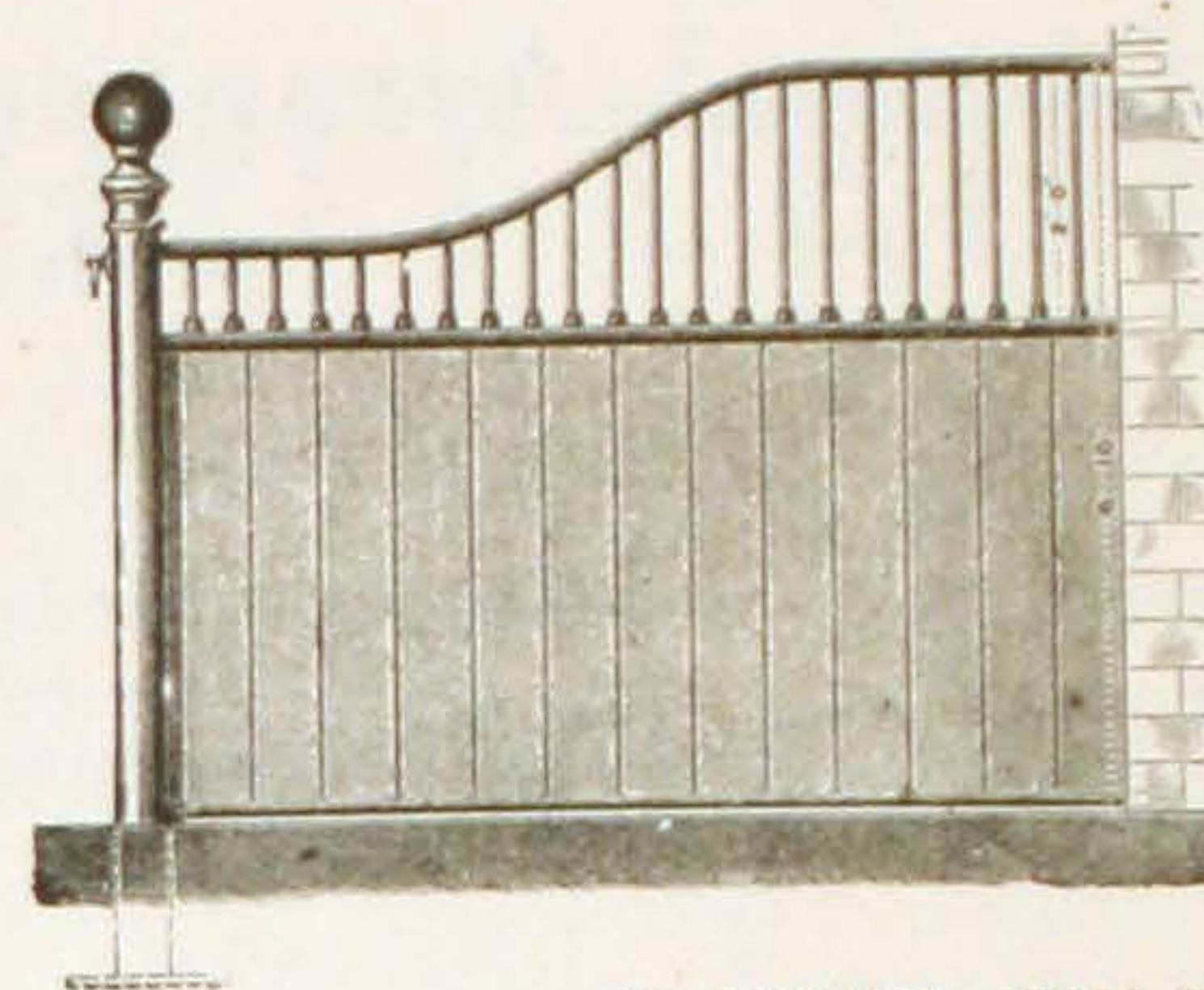


No. PHO 9357

CENTRE HAY RACK.

	Size	32"	36" wide.
Painted	17/6	19/3 each.	
If Wrought Iron	24/6	27/9 "	

For smaller sizes see page 293.

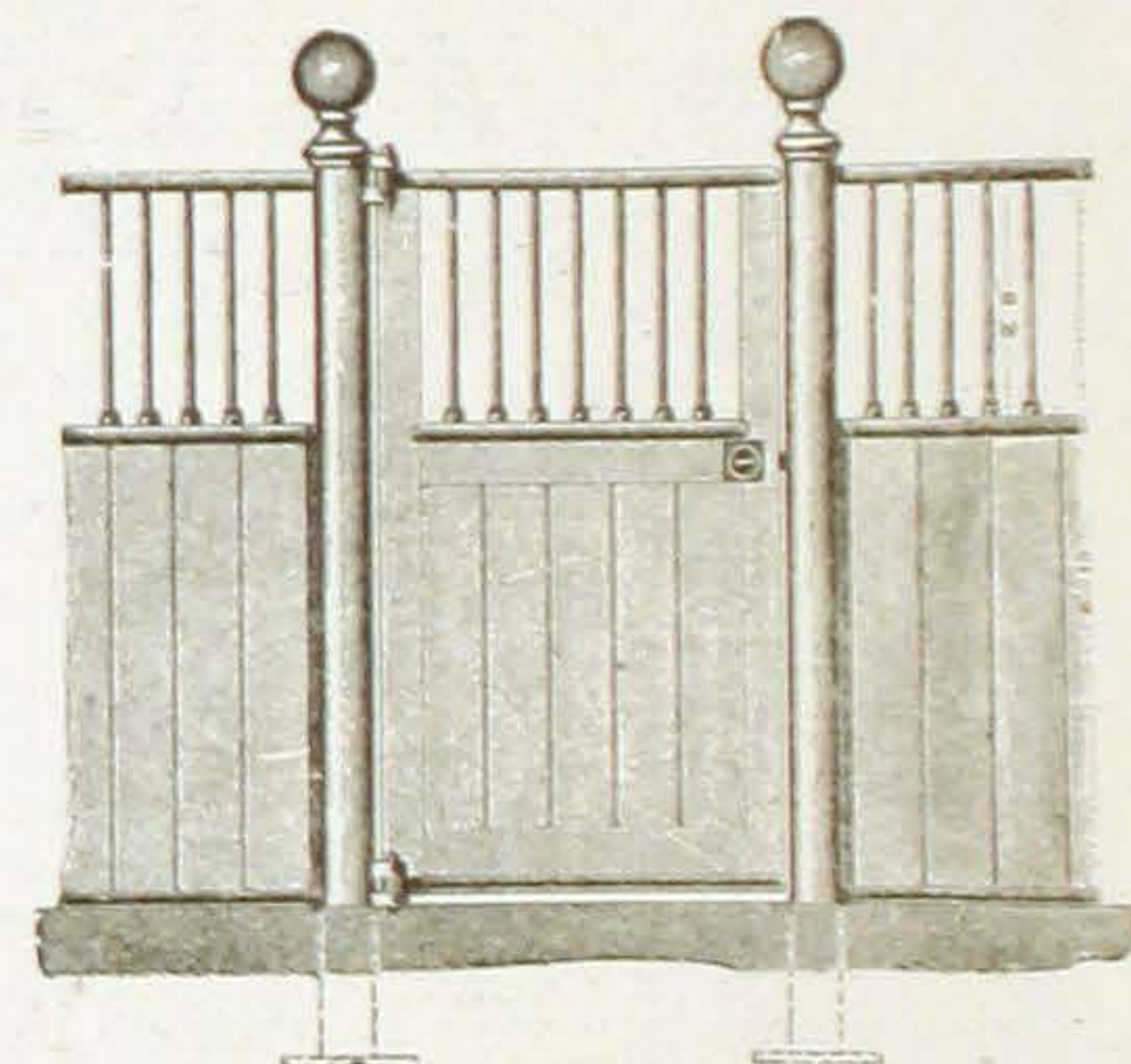


No. PHO 4252 STALL DIVISION.

Ramped Ventilating Panel, 9' 6" long, 2' 0" high at head, 3/8" Round Wrought Iron Bars, 3" centres.

Post for bolting to stone, fitted with Wrought Iron Ring.

	1 1/2"	1 3/4"	2" wood.
Stall Ventilating Panel, Painted	£ 10 3	£ 15 3	£ 19 6 each.
If 30" high at Head	5 19 6	6 8 9	6 18 0 "
Stall Sill, painted	1 4 0	1 5 9	1 7 8 "
	4"	4 1/2"	5"
Stall Post, painted	£ 10 0	£ 11 0	£ 12 3 5 19 6 each.
Brass Ring	0 7 4	0 7 4	0 7 4 0 7 4 "
Stall Blind, painted, 2' 0" high			2 19 0 4 2 9 each.
" " " 2' 6" high			3 17 3 5 1 3 "



No. PHO 4250 LOOSE BOX DOOR IRONWORK.

For 1 1/2", 1 3/4" or 2" wood.
Consisting of Ventilating Panel, 24" high to match Division, Sill, semi-flush Handles and Mortice Latch.

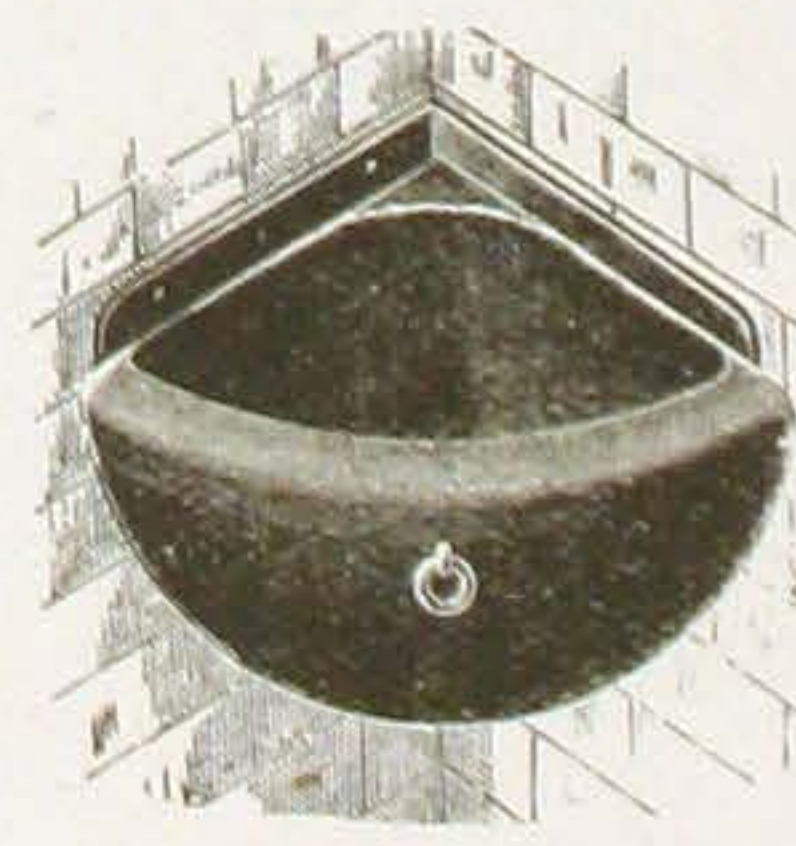
	3' 0"	3 6"	4' 0" wide.
Door Ironwork, painted	£ 1 3	£ 6 8 9	£ 8 16 0 set.
If 30" high	6 19 9	7 7 0	7 14 6 "
Wrought Iron Framed	3 13 6	3 17 3	4 2 9 extra
Loose Box Post for bolting to Stone, painted	£ 3 17 3	£ 4 4 6	£ 5 1 3 7 14 6 each.



No. PHO 4330

STABLE GUTTER.

With loose Perforated Cover, 4 1/2" wide overall.
Painted, 4/3 per foot run.



No. PHS 4281
CORNER MANGER.

With Wrought Iron Ring.

Size 27" Pot, 22" long x 14 1/2" back to front x 9" deep	Painted, Price, 31/3 each.
Size 24" Pot, 19" long x 14" back to front x 9" deep	20/3 "
Size 24" Pot, 18" long x 13 1/2" back to front x 11" deep	36/9 "

Extras:

Enamelled Inside, 27" 36/9; 24" 29/6 and 36/9 each. Brass Ring, 7/6 extra.

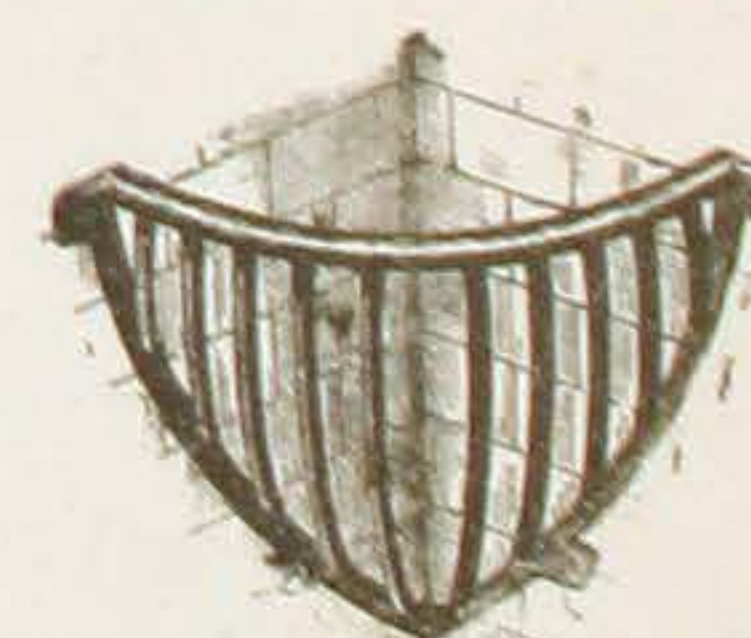


No. PHO 4339

HORSE AND MARE POT.

With strong tops.

Sizes 8" 9" 10" 11" 12"	8/3 9/3 11/- 13/9 16/6 each.
Inlets to all sizes	3/9 each extra.



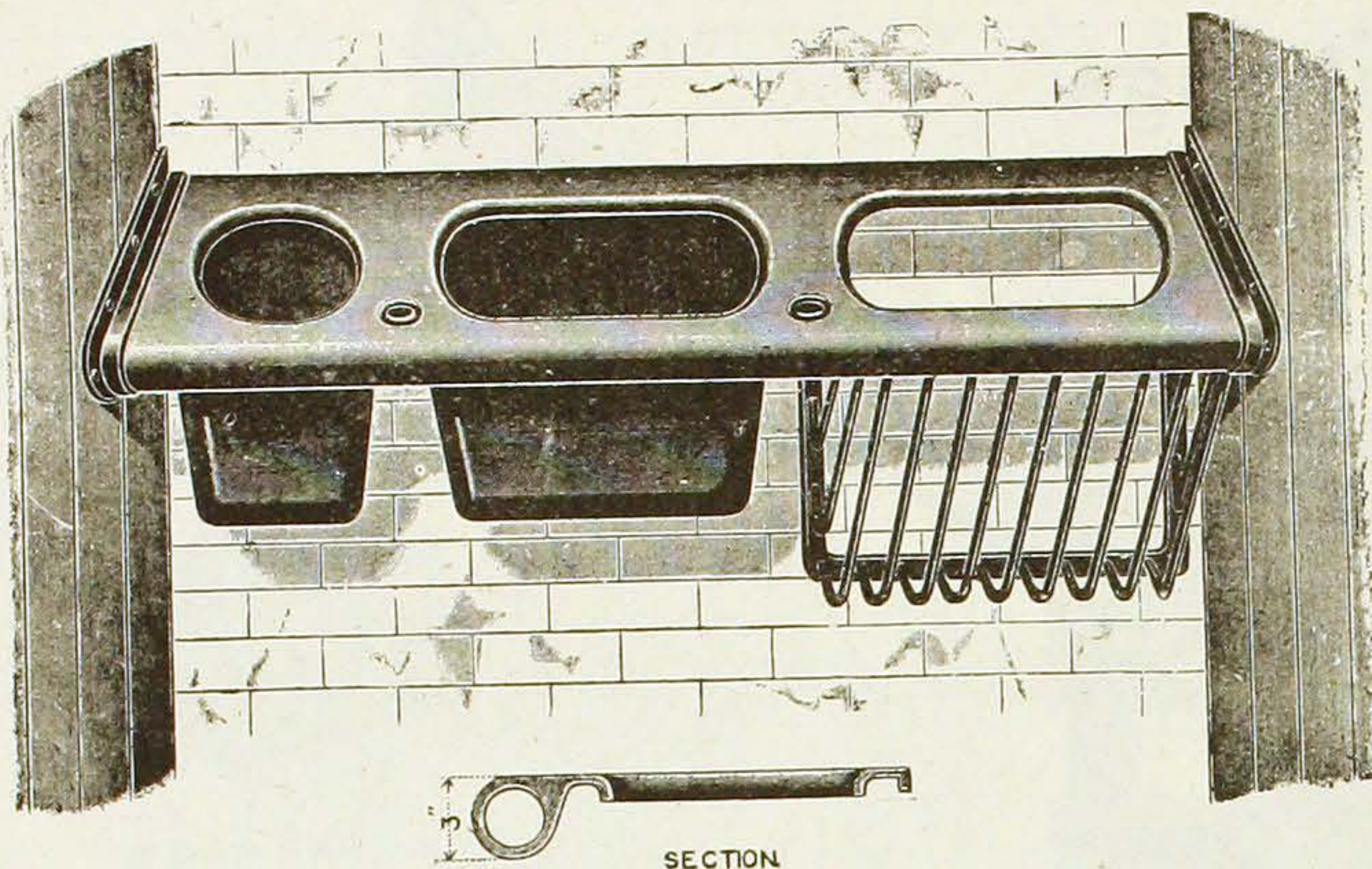
No. PHO 9356

CORNER HAY RACK.

	Size	32"	36" wide.
Painted	17/6	19/3 each.	
If Wrought Iron	24/6	27/9 "	

For smaller sizes see page 293.

Stable Fittings

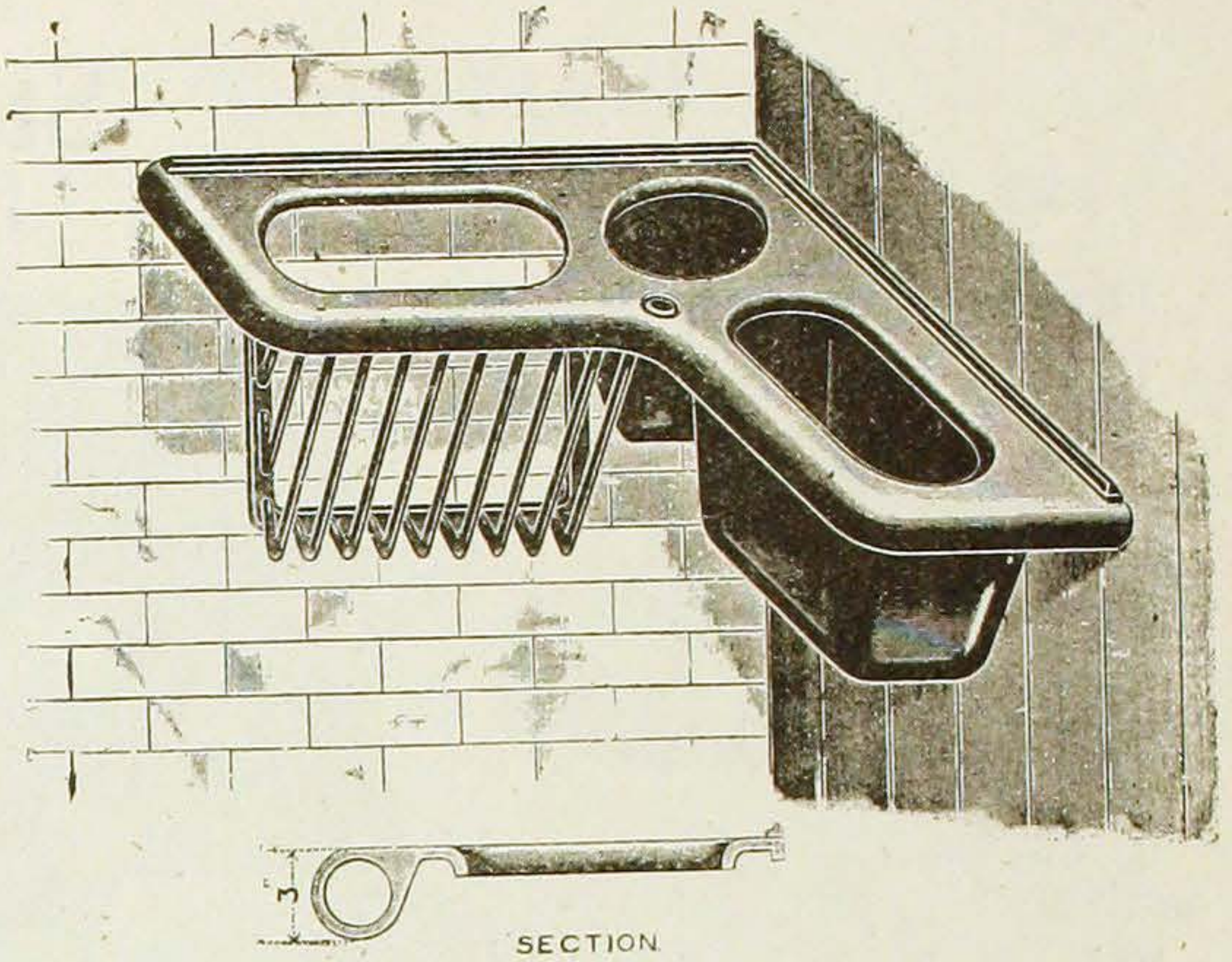


No. PHO 9360

Manger Set with Safety Barrel Front.

Size 6' 0" x 1' 8". Made handed. Manger opening 1' 10" x 1' 0".
Size of manger, 2' 0" x 1' 11" x 10" deep.
Can be made longer if required.

Manger Set with shoes for fixing, painted	£7 7 0 each.
" 12" deep	0 7 4 extra.
" 15" "	1 7 8 "
Halter Hole, brass bushed	0 7 4 "
Enamelled Manger, 10" deep	1 16 9 "
" 12" "	2 6 0 "
" 15" "	2 15 3 "
" Gruel Pot	1 7 8 "
Brass screw, plug and washer to Gruel Pot	0 9 3 "

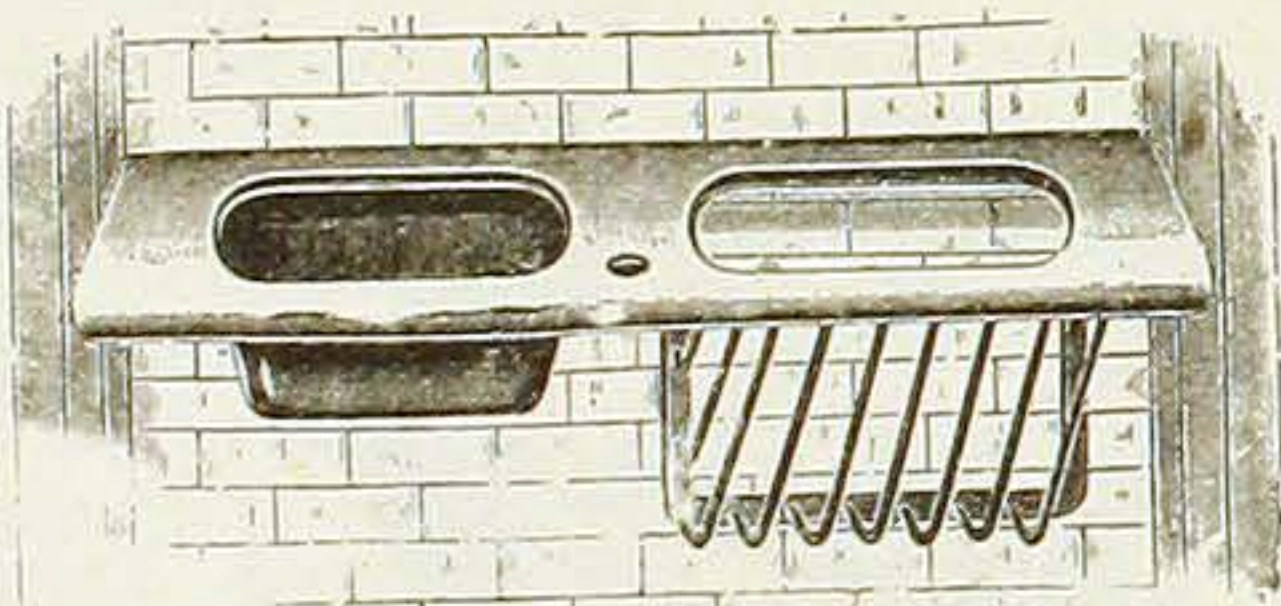


No. PHO 9353

Manger Set, with Safety Barrel Front.

Size 4' 3" x 4' 3". Made Handed. Manger opening 1' 10" x 1' 0".
Size of Manger, 2' 0" x 1' 11" x 10" deep.

The Top Plate is drilled and countersunk for screwing to wood bearers.	
Manger Set, Painted	£8 5 6 each.
" 12" deep	0 7 4 extra.
" 15" "	1 7 8 "
Halter Hole, brass bushed	0 7 4 "
Enamelled Manger, 10" deep	1 16 9 "
" 12" "	2 6 0 "
" 15" "	2 15 3 "
" Gruel Pot	1 7 8 "
Brass screw, plug and washer to Gruel Pot	0 9 3 "

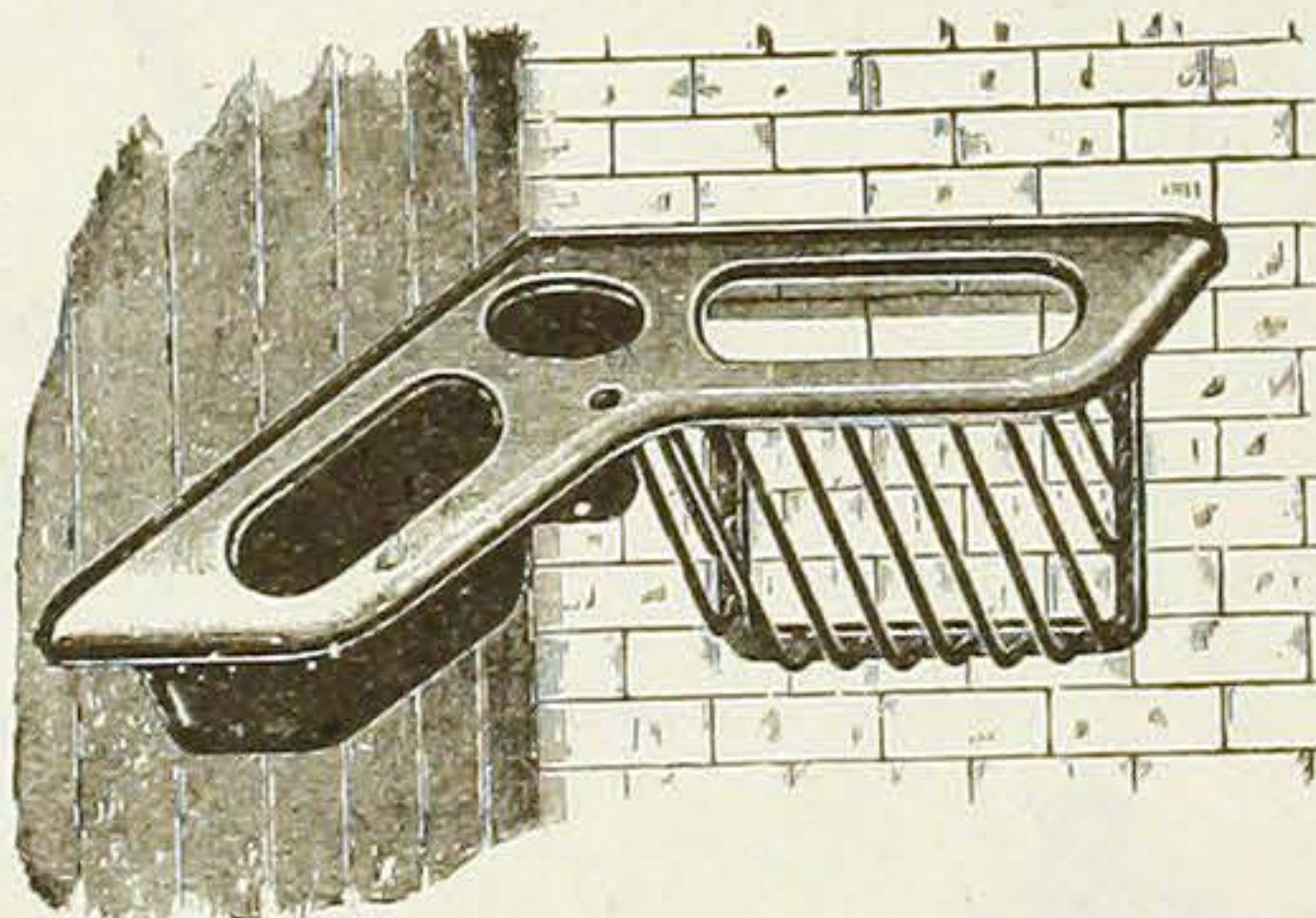


No. PHO 4257
Manger Set.

Size 6' 0" x 1' 6". Made handed. Manger opening, 1' 10" x 1' 0".
Size of manger, 2' 0" x 1' 11" x 10" deep.
Can be made longer if required.

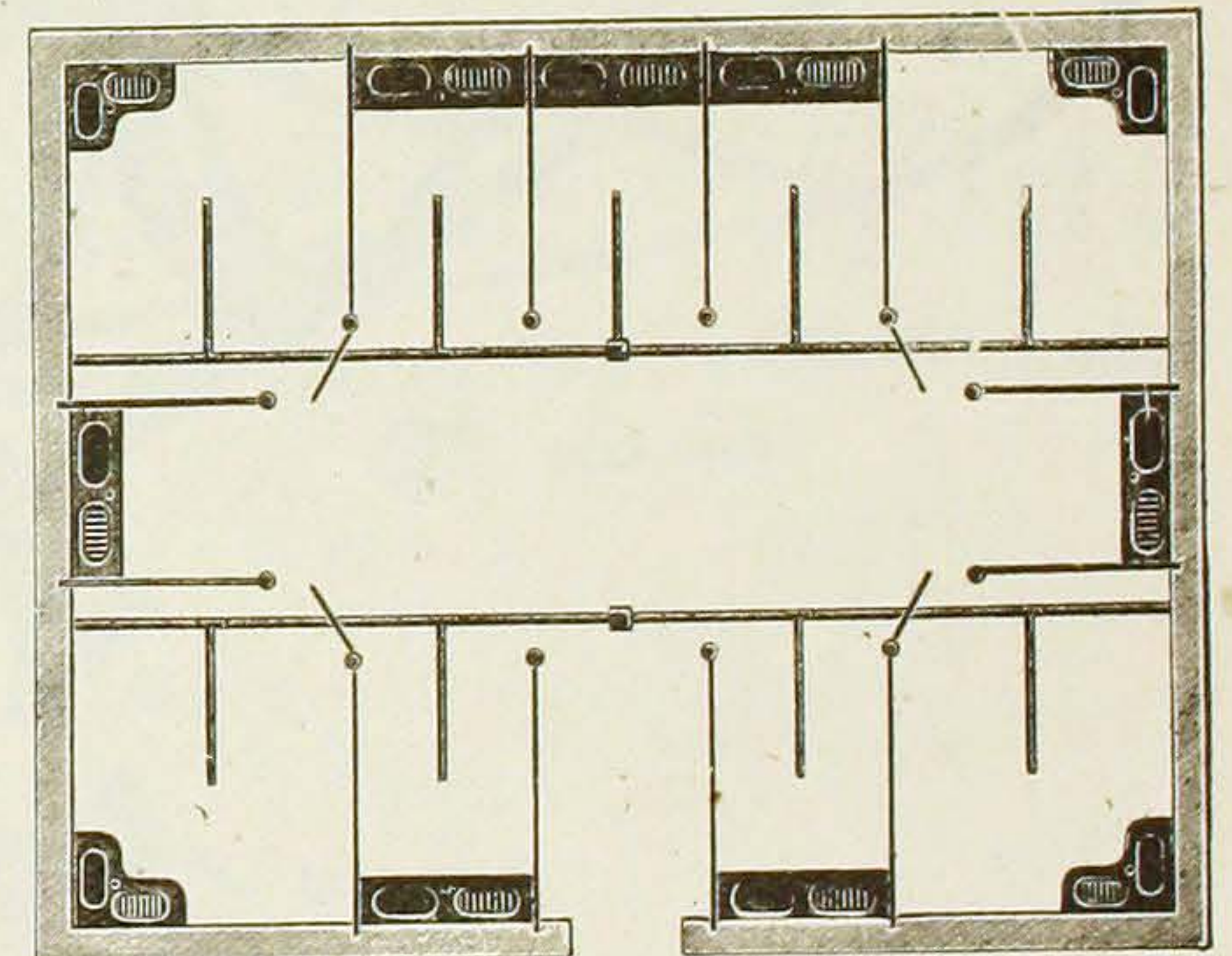
Shortest length it can be made, 4' 8".
When Fixing Shoes are not ordered, the top plate is drilled and countersunk at ends for screwing to wood bearers.

Manger Set, Painted	£3 13 6 each.
Shoes for fixing, per pair	0 5 6 extra.
Manger, 12" deep	0 7 4 "
" 15" "	1 7 8 "
Halter hole, Brass bushed	0 7 4 "
Enamelled Manger, 10" deep	1 16 9 "
" 12" "	2 6 0 "
" 15" "	2 15 3 "
If with Rolled Front	0 13 0 "

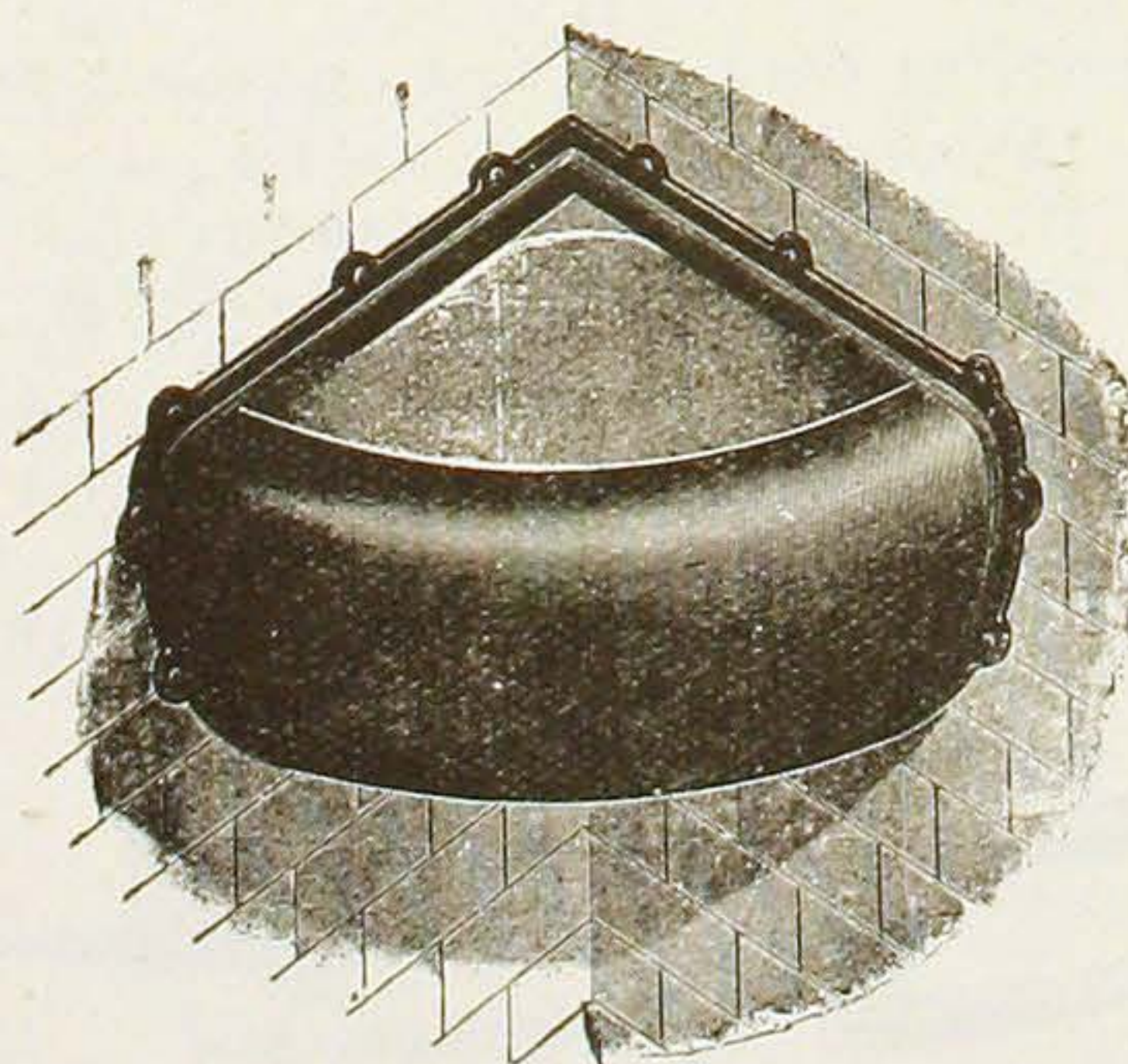


No. PHO 4263
Manger Set.

Size 4' 2" x 4' 2". Made Handed.
Manger opening, 1' 10" x 1' 0".
Size of Manger, 2' 0" x 1' 11" x 10" deep.
The Top Plate is drilled and countersunk for screwing to wood bearers.
Manger Set, Painted, £4 12 0 each.
Extras as **PHO 9360**



Suggested plan of Stabling for eleven Horses, consisting of four loose boxes and seven stalls.

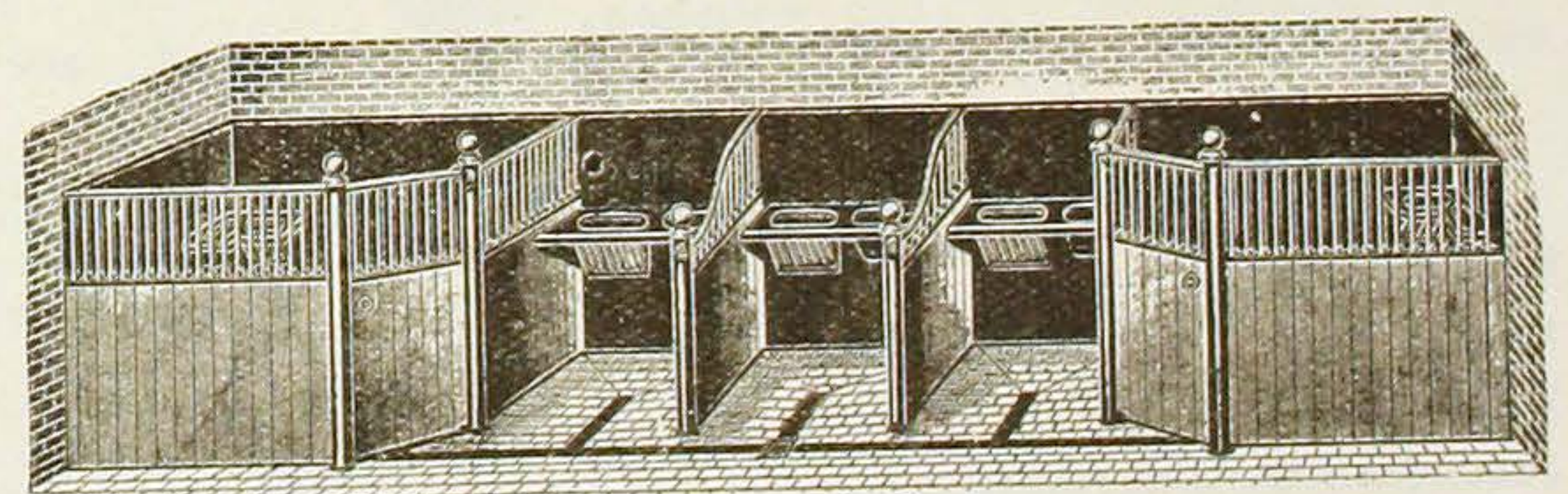


No. PHO 4322

Corner Manger, with Safety Barrel Front and Shoes for fixing.
Painted, £7 7 0 each. Enamelled inside, £4 12 0 extra.



Size: 17" inside measurement with 5 1/4" roll front edge; 12" deep.



We have a very large number of patterns of Stable Fittings which are not illustrated in this catalogue and shall be glad to send drawings and quotation on receipt of enquiries.



No. PHO 9372
Ramp Rail, 9' 6" long.

	1 1/2"	1 3/4"	2" wood.
Painted	£1 13 3	£1 18 6	£2 4 3 each.

"B" Basis.

All PHO—To Order only.

Stable Fittings

BRIDLE BRACKET

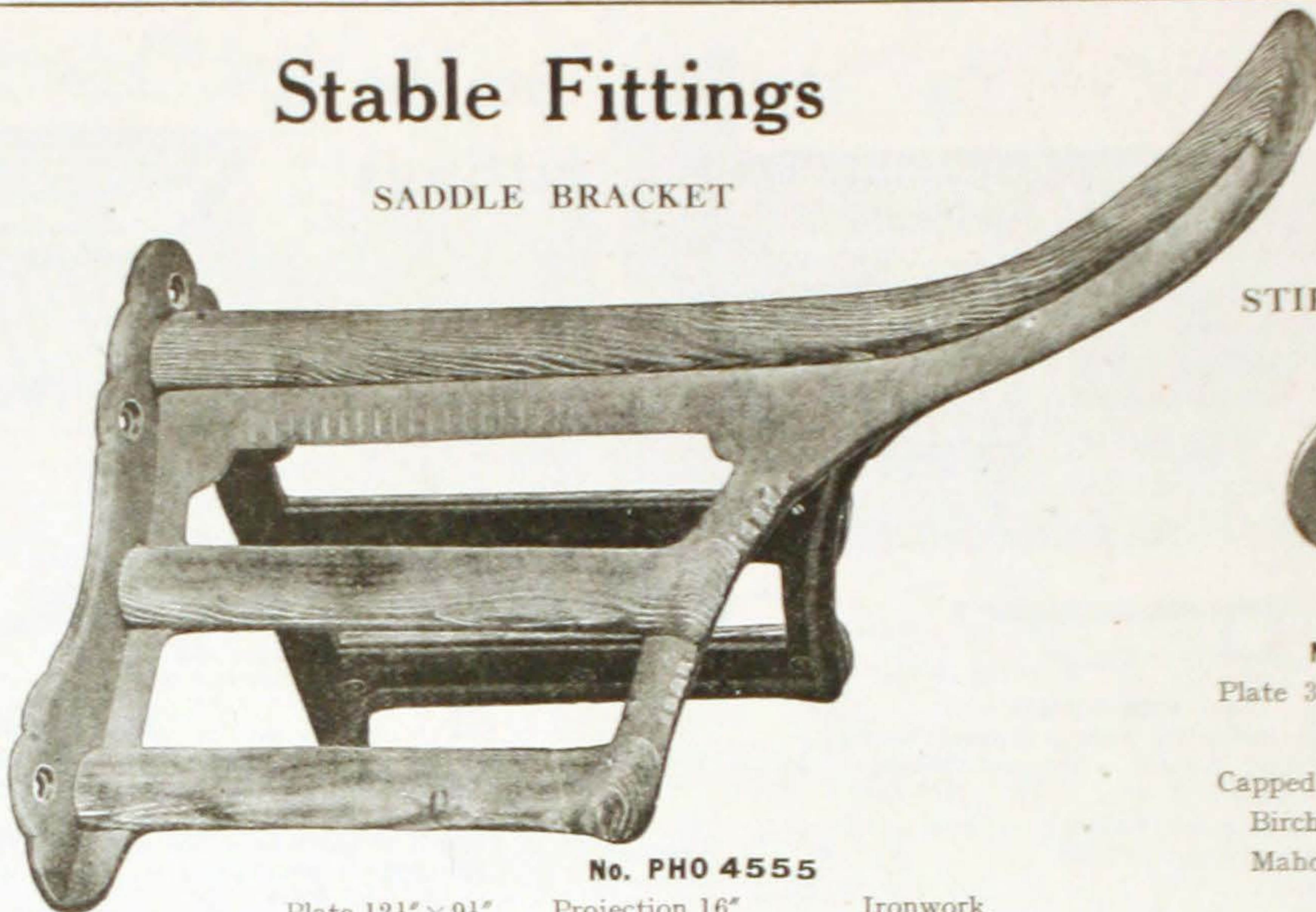


No. PHO 4557

Plate $6\frac{1}{2}'' \times 3\frac{1}{2}''$ Projection 3".
Ironwork.

Capped with	Japanned.	Coloured.
Birchwood	7/-	7/6
Mahogany	8/9	9/3
	each.	

SADDLE BRACKET



No. PHO 4555

Plate	Projection	Ironwork.
$12\frac{1}{4}'' \times 9\frac{1}{2}''$	16"	Japanned. Coloured.
Capped with Birchwood	...	47/3 50/- each.
" " Mahogany	...	52/6 55/3 "

STIRRUP BRACKET

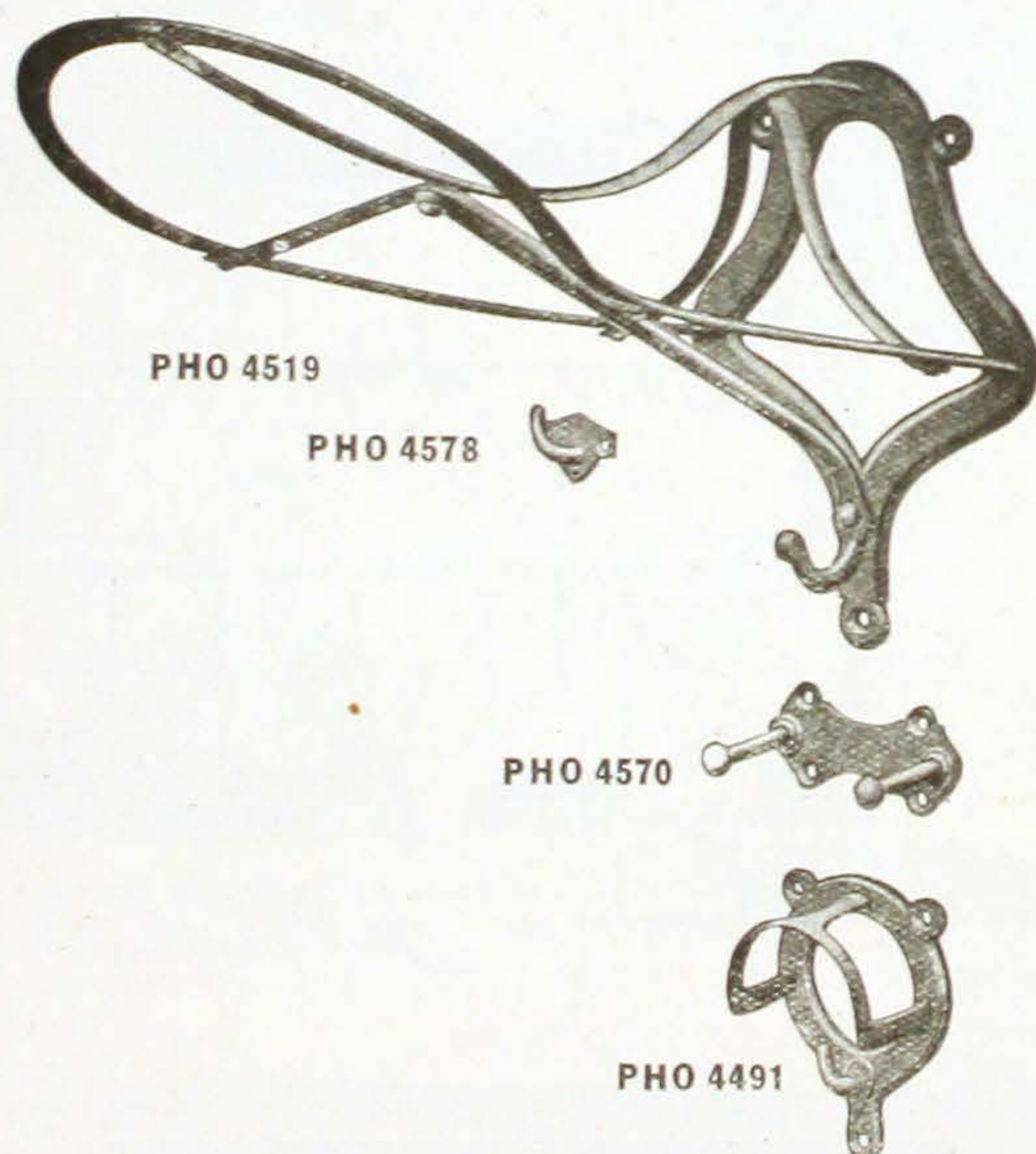


No. PHO 4556

Plate $3\frac{1}{2}'' \times 2\frac{1}{2}''$ Projection 3".
Ironwork.

Capped with	Japanned.	Coloured.
Birchwood	4/-	4/6
Mahogany	5/-	5/3
	each.	

SET OF GENTLEMAN'S RIDING BRACKETS



PHO 4519

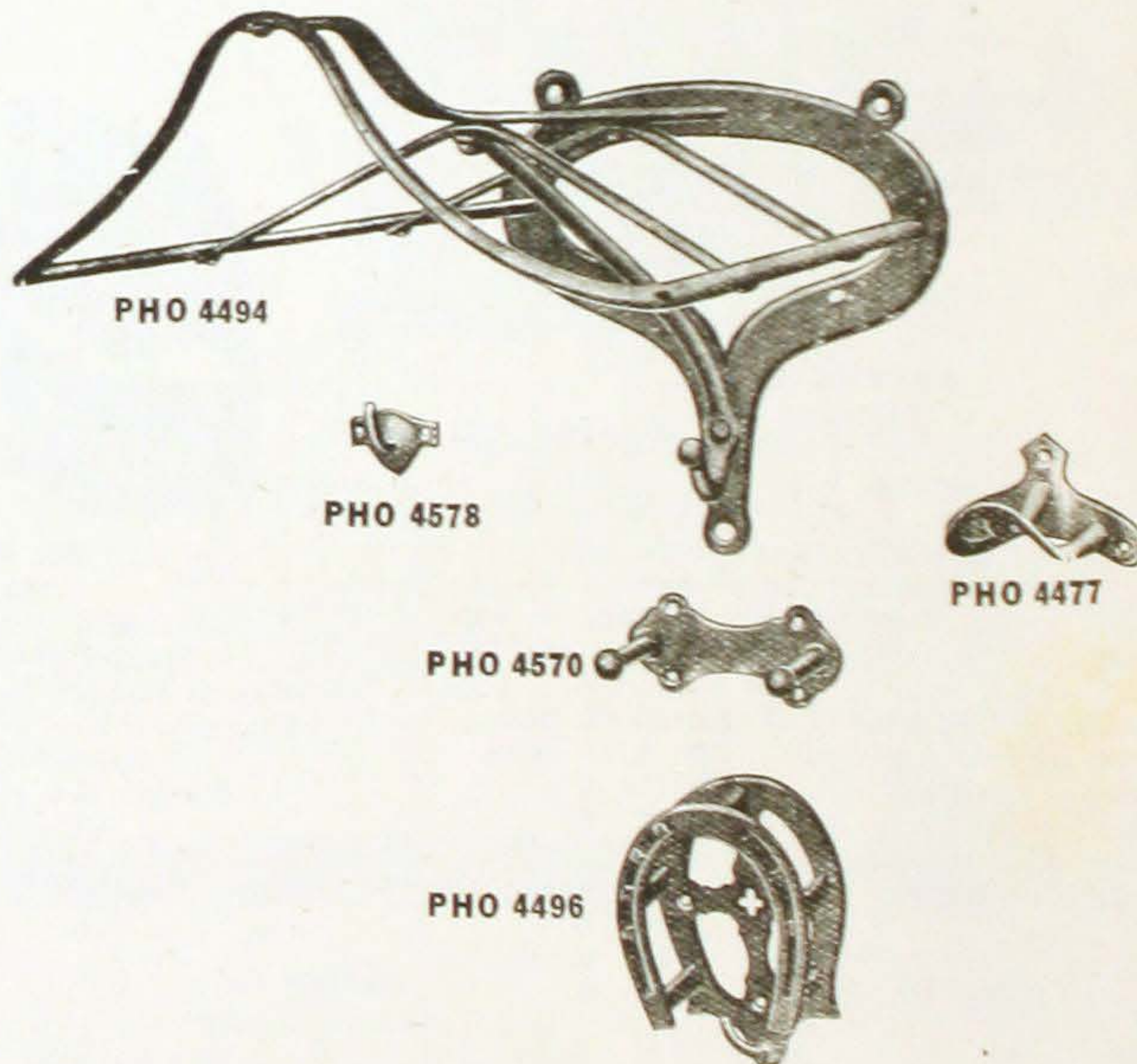
PHO 4578

PHO 4477

PHO 4570

PHO 4491

SET OF LADY'S RIDING BRACKETS



PHO 4494

PHO 4578

PHO 4477

PHO 4570

PHO 4496

No.	Plate.	Projection.	Black.	Coloured.	Galvanized.	Brass.
No. PHO 4477	$4'' \times 2\frac{1}{2}''$	4"	1/3	1/4	1/4	— each.
No. PHO 4491	$4'' \times 5\frac{1}{2}''$	$2\frac{1}{2}''$	2/2	2/3	2/6	— "
No. PHO 4519	$11'' \times 7\frac{3}{4}''$	$19\frac{1}{2}''$	8/9	9/6	9/9	— "
No. PHO 4570	$4\frac{1}{2}'' \times 2''$	$2\frac{3}{4}''$	1/-	1/2	1/3	3/3 "
No. PHO 4578	$2'' \times 1\frac{1}{2}''$	$1\frac{1}{2}''$	6d.	8d.	8d.	1/3 "

No.	Plate.	Projection.	Black.	Coloured.	Galvanized.	Brass.
No. PHO 4477	$4'' \times 2\frac{1}{2}''$	4"	1/3	1/4	1/4	— each.
No. PHO 4494	$9\frac{1}{4}'' \times 9\frac{1}{2}''$	21"	10/-	10/8	10/10	— "
No. PHO 4496	$6'' \times 4''$	$2\frac{1}{2}''$	3/8	3/10	4/2	9/- "
No. PHO 4570	$4\frac{1}{2}'' \times 2''$	$2\frac{3}{4}''$	1/-	1/2	1/3	3/3 "
No. PHO 4578	$2'' \times 1\frac{1}{2}''$	$1\frac{1}{2}''$	6d.	8d.	8d.	1/3 "

BRIDLE HOOKS



No. PHO 4566

	$2\frac{1}{2}''$	3"	$3\frac{1}{2}''$	4"	5"	6"	7"
Japanned	8d.	9d.	11d.	1/1	1/4	1/10	2/4 each.
Coloured	9d.	10d.	1/-	1/2	1/6	2/-	2/8 "
Galvanized	10d.	11d.	1/1	1/3	1/8	2/3	3/- "
Brass ...	2/-	2/3	2/6	3/-	3/10	5/-	7/6 "

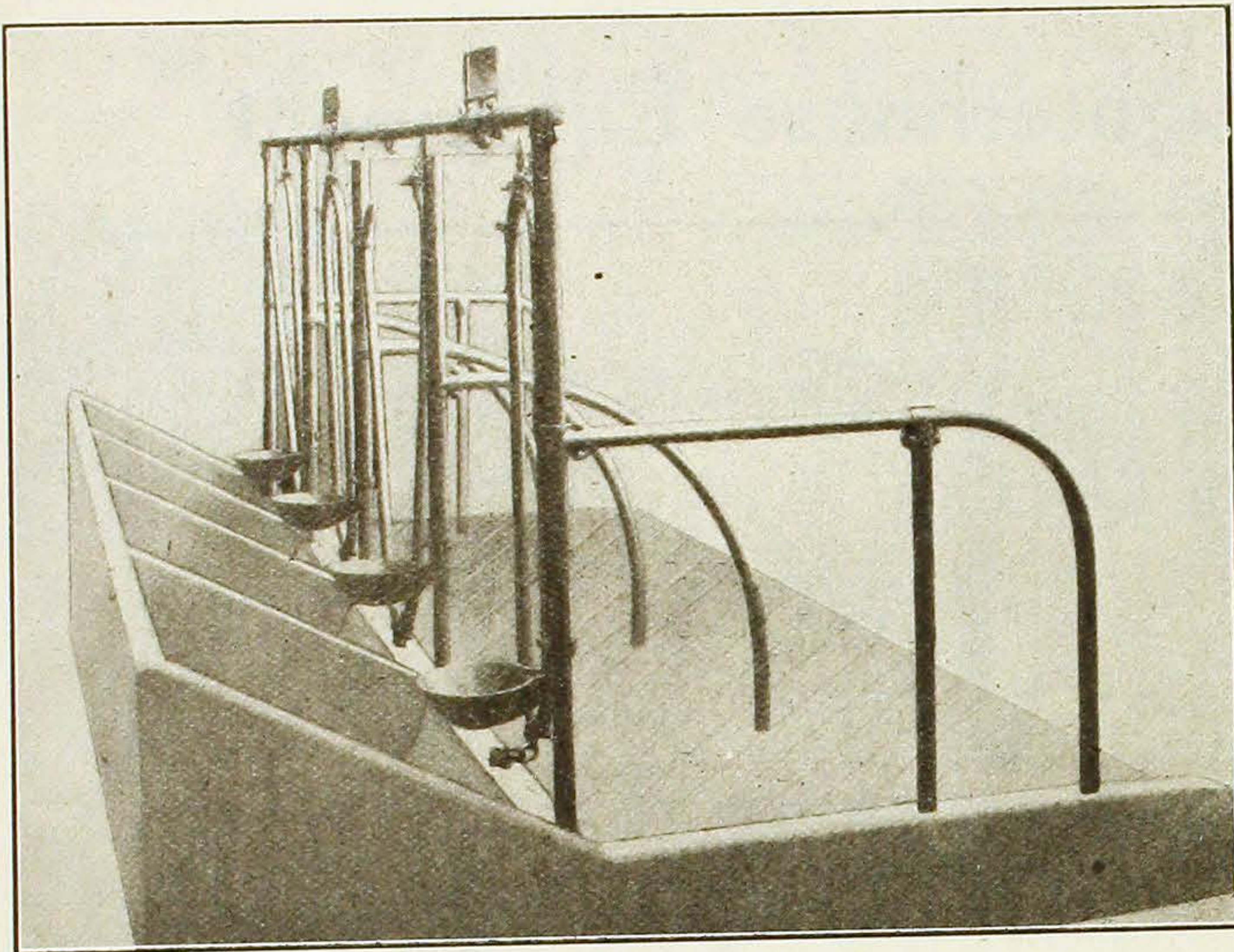
FORK, BROOM AND SHOVEL HOLDERS



No. PHO 4571

No. PHO 4572

Width $2\frac{3}{4}''$. Projection 3". Japanned.
No. PHO 4571 4d. each. No. PHO 4572 5d. each.



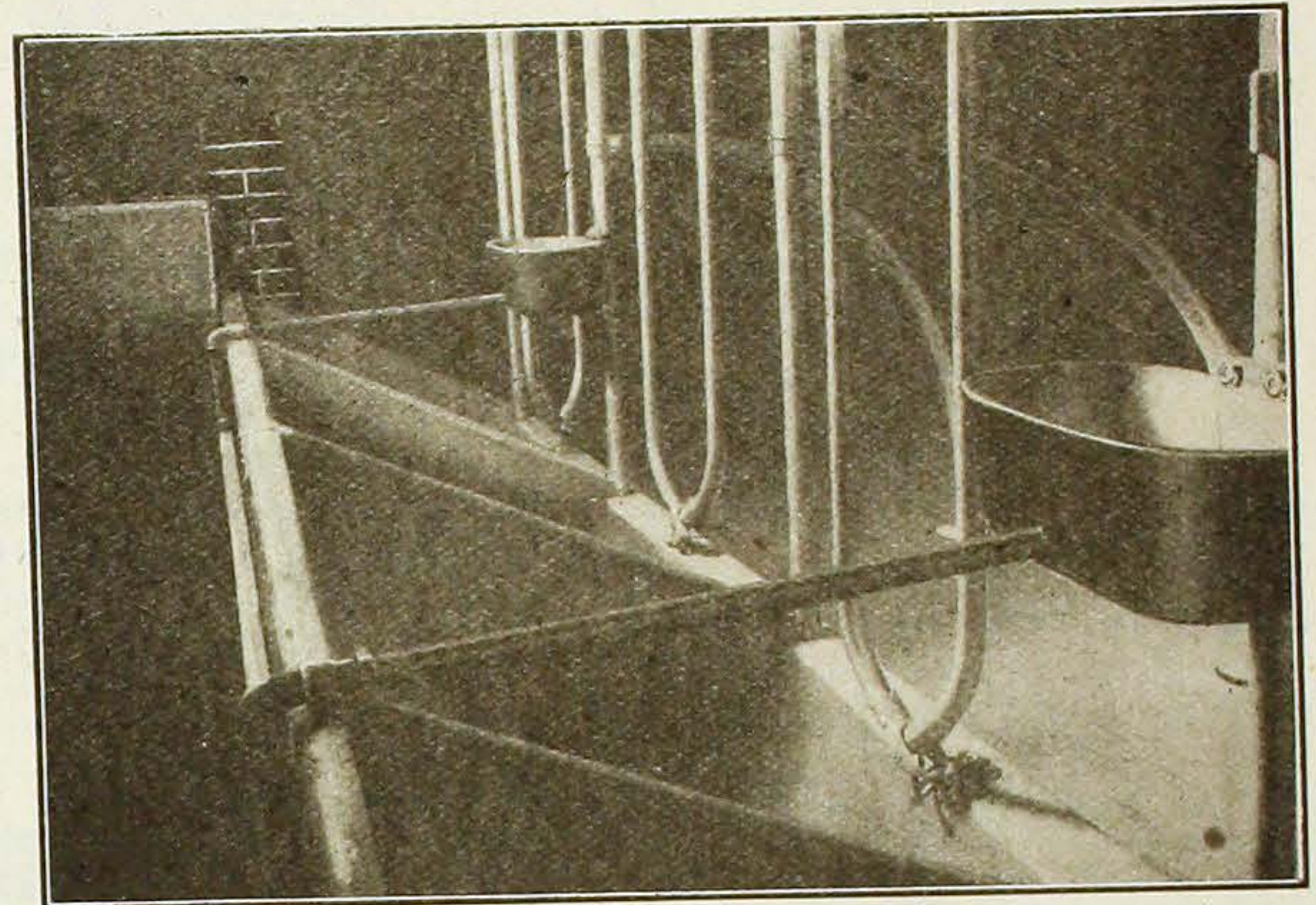
No. PHS 4341 "GRADE A" COW STALLS.

An ideal Stall, combining tubular Yoke Tying Stalls and Automatic Water Bowls—A bowl to each Cow. Water is conveyed through the top tube. The Stalls are 5' 6" high from finished floor level to the underside of the top tube. Space allowed for each cow is 3' 6" centre to centre of divisions. Division bend is 3' 0" projection, which gives ample room for the milker at the rear of the division. The valve of the Automatic Water Bowl works equally well on "high" or "low" pressure, and cannot choke or leak. Bowl is detachable and can be instantly removed for cleaning.

All water fittings are Galvanized throughout, and the remainder of the stall is painted aluminium, including the yoke-tying.

These Stalls are guaranteed for two years, subject to fair wear and tear. Stalls complete with one bowl to each cow, water piping, fittings and bowl, galvanized throughout and other parts painted Aluminium. Per cow ... £ s. d. 2 12 6 Ditto, as above, but all fittings galvanized throughout, per cow 3 0 0 Stalls with one bowl to each two cows, all water fittings galvanized and all other parts painted aluminium, per cow 2 5 0 Ditto, as above but all fittings galvanized throughout, " 2 12 6 Name Plates, painted finish, extra each, 8/6 Galvanized finish, extra each, 9/6 Alignment Devices " " " 4/- " " " " 5/-

Cow Stalls, Cattle Drinking Troughs, etc.



No. PHS 4342 PRIORY DRINKING POTS for CATTLE.

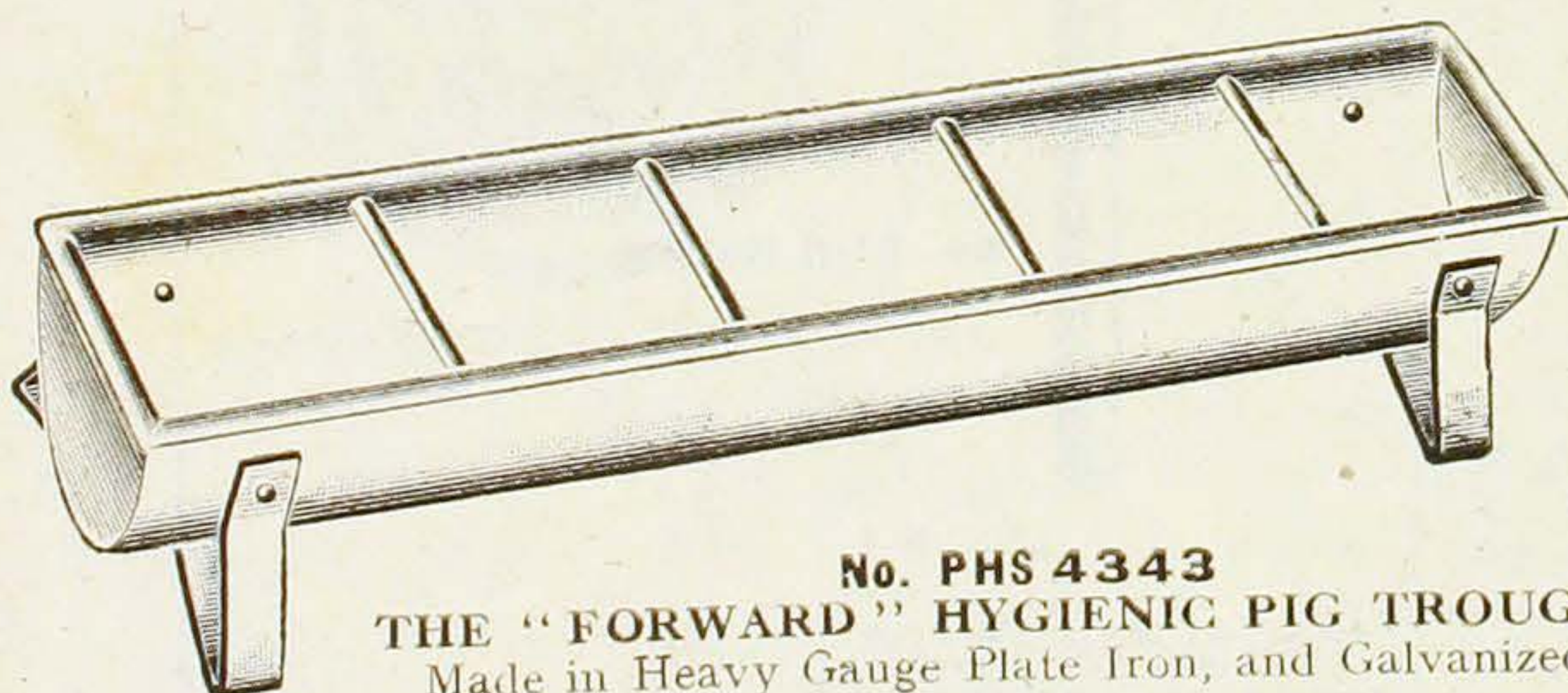
An excellent Pot, ensuring a constant supply of fresh water. It is designed for two cows, and is easily fixed to either tubular stalls or to a wall or post. It can be supplied with side or front inlets. The corners are rounded to prevent accumulation of dirt, and there is an independent cleansing plug. No working valve is necessary. No silt can be drawn back into the pipes. Full size Pot, 14" long x 9" wide x 6" deep, with 3/4" rubber cleansing Plug and either side or front inlet Screwed for 3/4" pipe.

Galvanized finish	...	each, 21/-
Ditto, Painted finish	...	" 16/-
Half size Ditto, ditto, 8" long x 9" wide x 6" deep, for one cow only,	...	each, 17/6
Galvanized finish	...	" 11/6
Ditto, ditto, Painted finish	...	" 1/6

"U" bolts for fixing to tubes (two required for each pot) per pair 1/6
Note.—When ordering, please state whether front or side inlet, whether for fixing to tube, brick, or wood; and send sketch showing hand of half pot.

May we quote you for installing these Cow Stalls and/or Drinking Pots?

Pig Troughs, Hay Racks, etc.



No. PHS 4343 THE "FORWARD" HYGIENIC PIG TROUGH.
 Made in Heavy Gauge Plate Iron, and Galvanized.

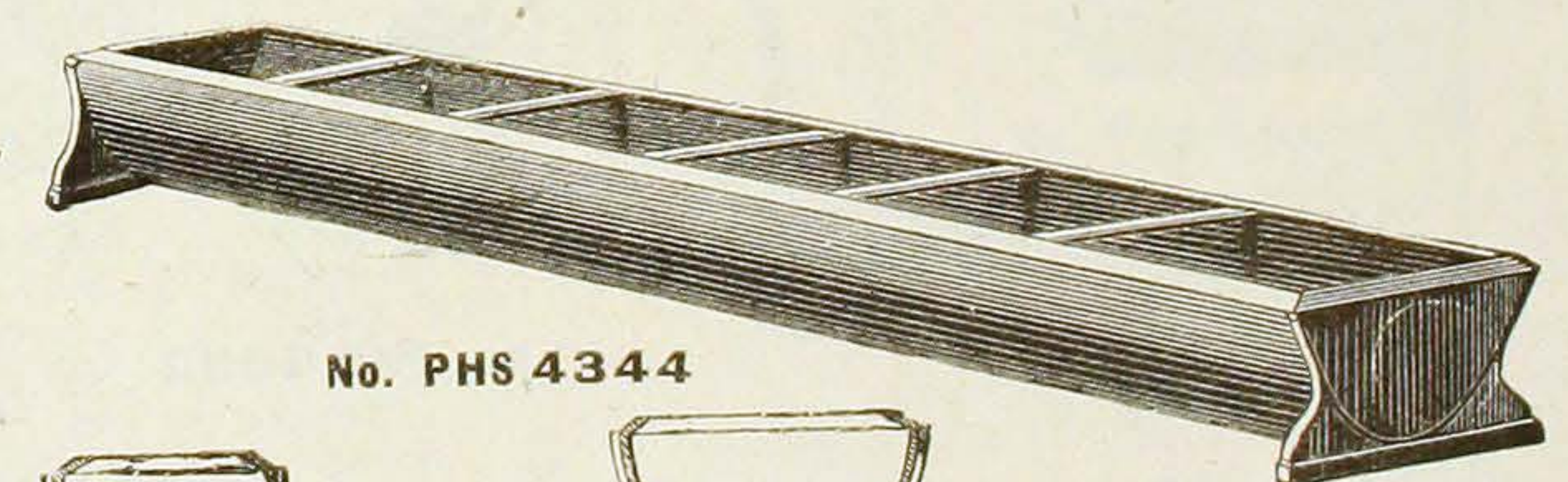
Has a specially designed Broad Roll Rim, which prevents waste and affords no lodgement for stale food. Also a special feature is the wide spreading feet which prevent its being easily upset. The "Forward" will be found to outlast six ordinary Troughs.

Length.	Width.	Depth.	Price.
3' 0"	12 1/2"	6"	19/3
4' 6"	12 1/2"	6"	29/-
6' 0"	12 1/2"	6"	38/6
9' 0"	12 1/2"	6"	57/9

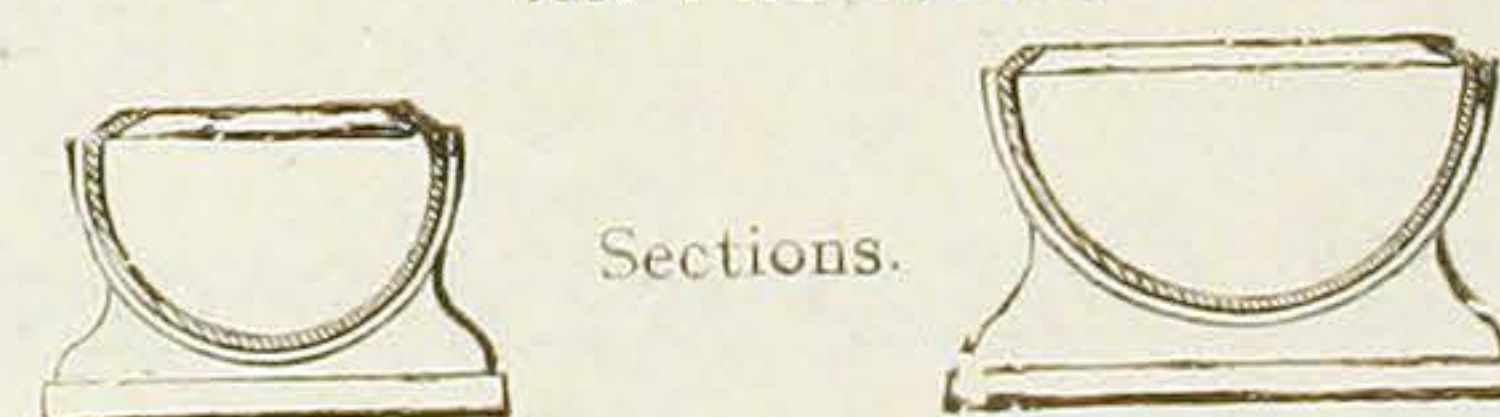
Subject to market fluctuations.



No. PHS 4332 Wrought Iron Hay Rack.



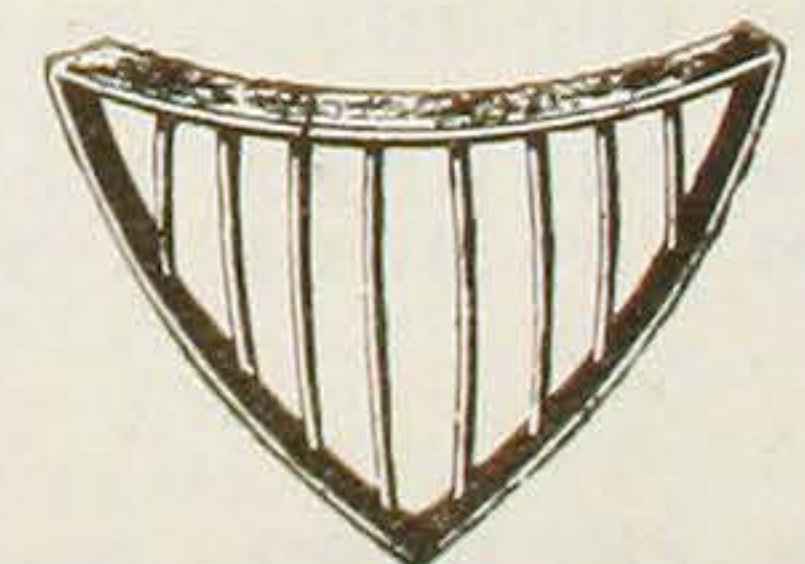
No. PHS 4344



Sections.

This pattern has a cast round bottom with beaded edge and wrought divisions.
 Size 10" wide x 5 1/4" deep. Made 2' to 6' long. Rising by 6". Painted. Price 5/3 per foot.
 Size 11 1/4" wide x 5 1/4" deep. Made as above and also 6' to 12'. Rising by 12" Painted 6/- per foot.

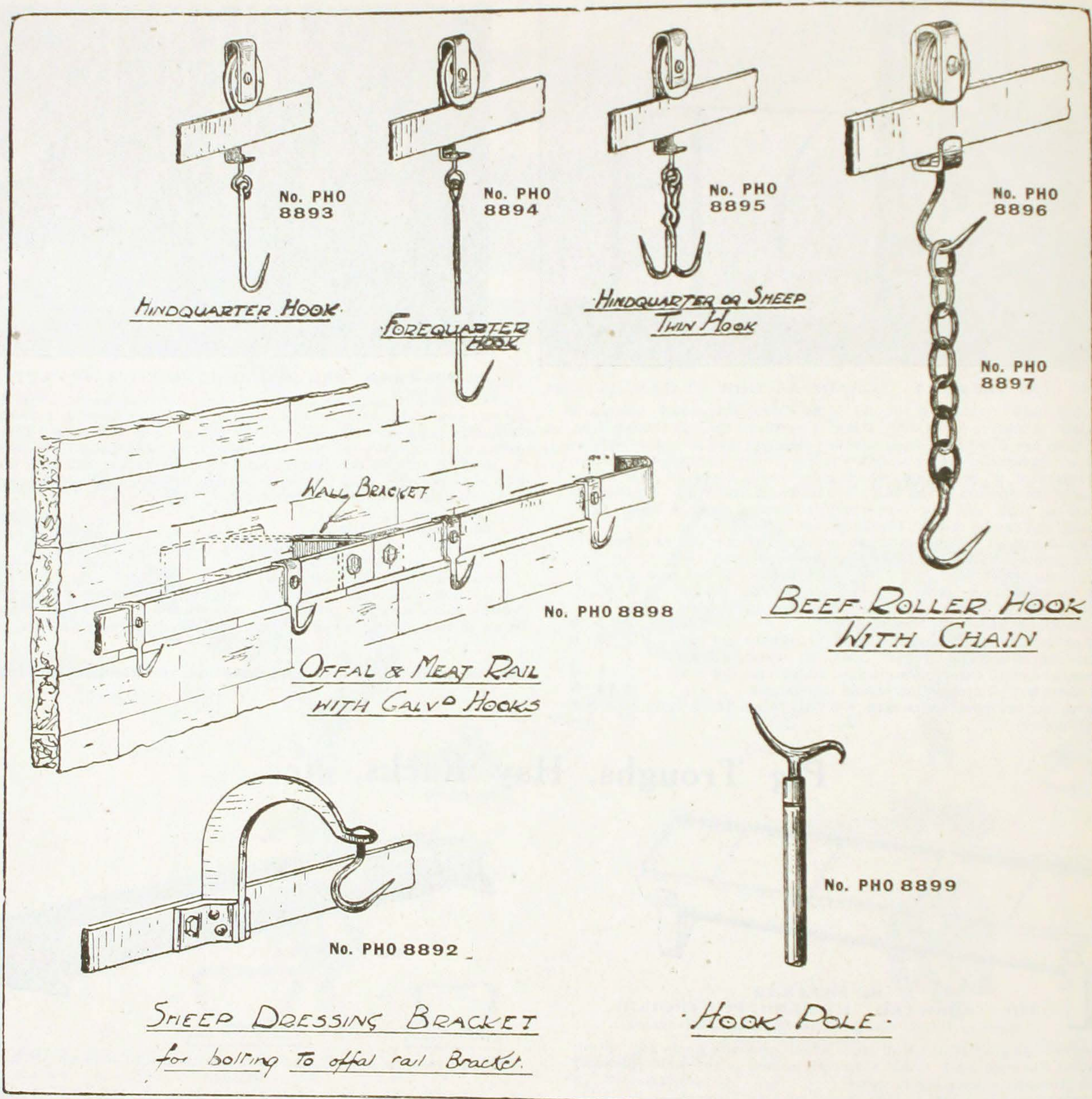
For larger sizes see page 290.



No. PHS 4333 Wrought Iron Hay Rack. For Corners.

No. PHS 4333
 Size 2' 6" wide x 2' 0" deep. Bars 1/2" diameter. Price Black, Varnished one Coat. 13/6 each.

Roller Hooks and Slaughterhouse Equipment



No. PHO 8893	Hindquarter Hook, for $\frac{3}{8}$ " or $\frac{1}{2}$ " Rails, mild steel, cast iron wheel, hook galvanized, Frame and wheel black japanned	Price.
No. PHO 8894	Forequarter Hook, for $\frac{3}{8}$ " or $\frac{1}{2}$ " rails, mild steel, cast iron wheel, hook galvanized, Frame and wheel black japanned	8/- each.
No. PHO 8895	Hindquarter or Sheep Twin Hook, for $\frac{3}{8}$ " or $\frac{1}{2}$ " rails, mild steel, cast iron wheel, hooks galvanized, Frame and wheel black japanned	8/4 "
No. PHO 8896	Beef Roller Hook, for $\frac{3}{8}$ " or $\frac{1}{2}$ " rails, mild steel, cast iron wheel, hook galvanized, Frame and wheel black japanned	8/9 "
No. PHO 8897	Hook and Chain, hook galvanized, Chain painted one coat	10/6 "
No. PHO 8898	Offal and Meat Rail with Galvanized Hooks, and Wall Bracket— Rail, 3" x $\frac{3}{8}$ " painted. ... Galvanized Hooks, about 12" centres. ... Wall Bracket, Frames black japanned	4/6 " 1/11 per foot run. 1/9 each.
No. PHO 8892	Sheep Dressing Bracket, for bolting to Offal Rail Bracket, Hook galvanized, Bracket painted one coat	7/- "
No. PHO 8899	Hook Pole, 7' 6" long, Hook galvanized, Pole painted one coat.	17/6 " 15/9 "

Flush Mortise Locks and Stable Door Handles and Furniture

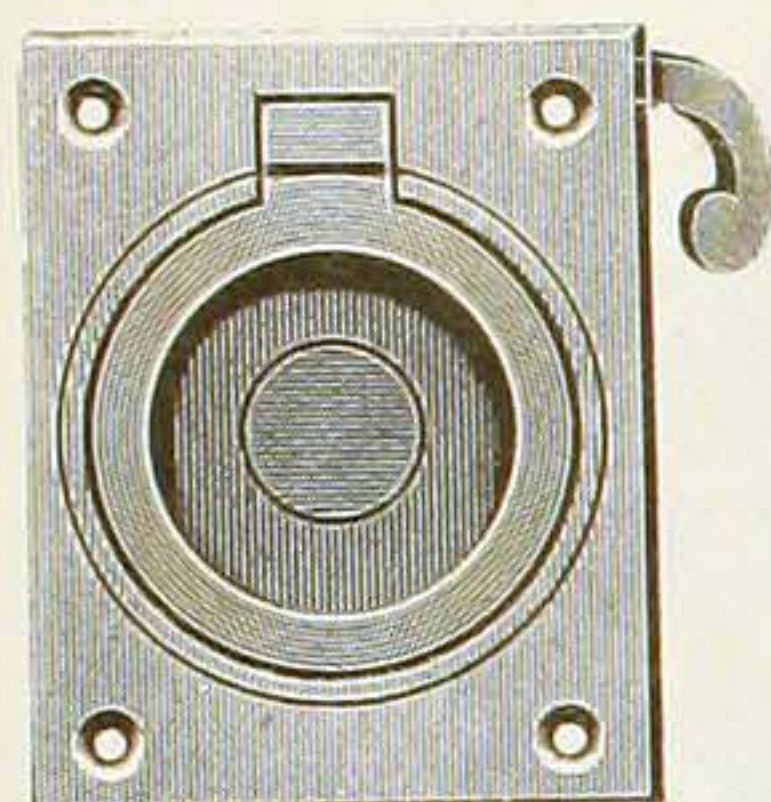
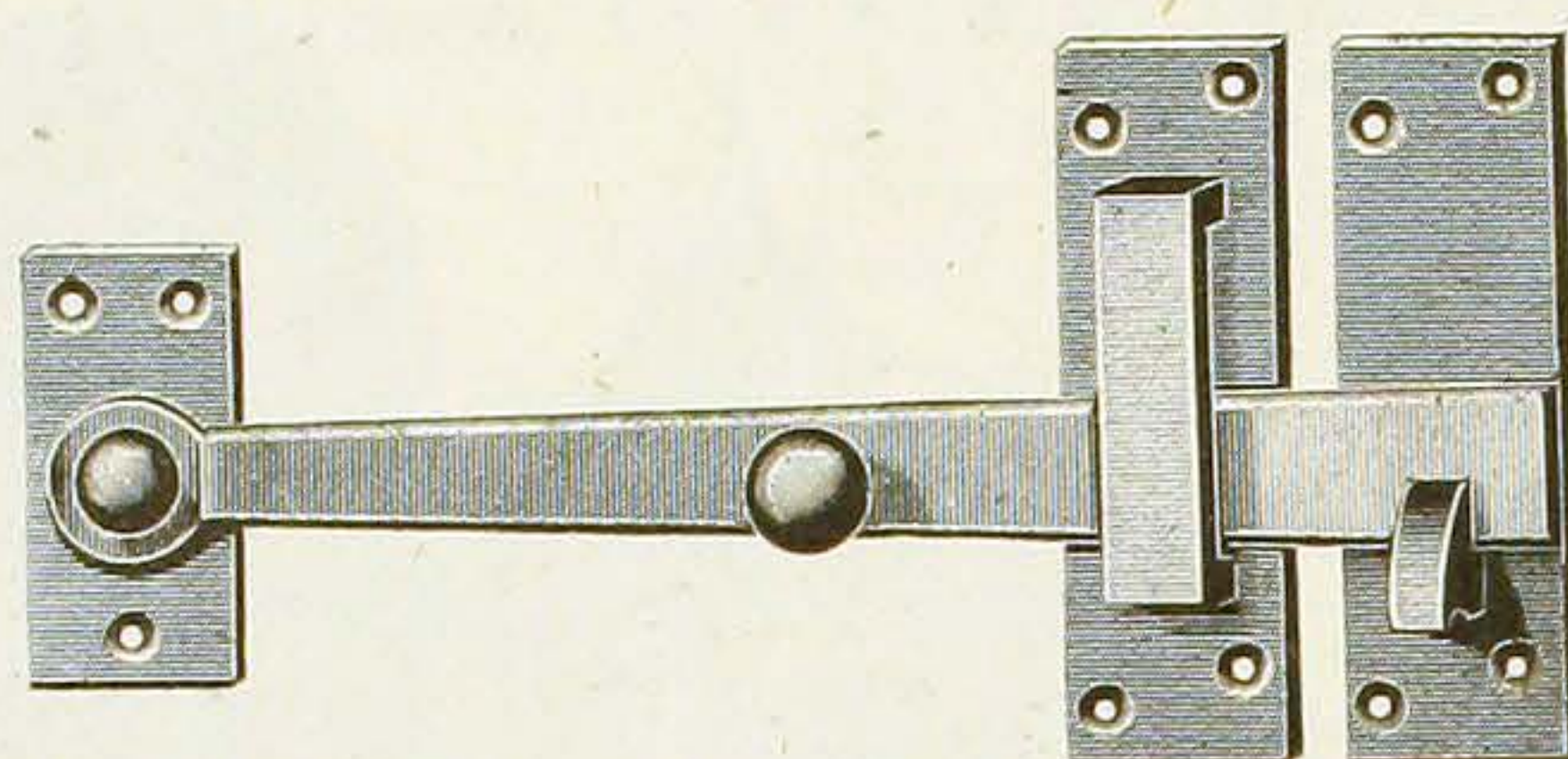


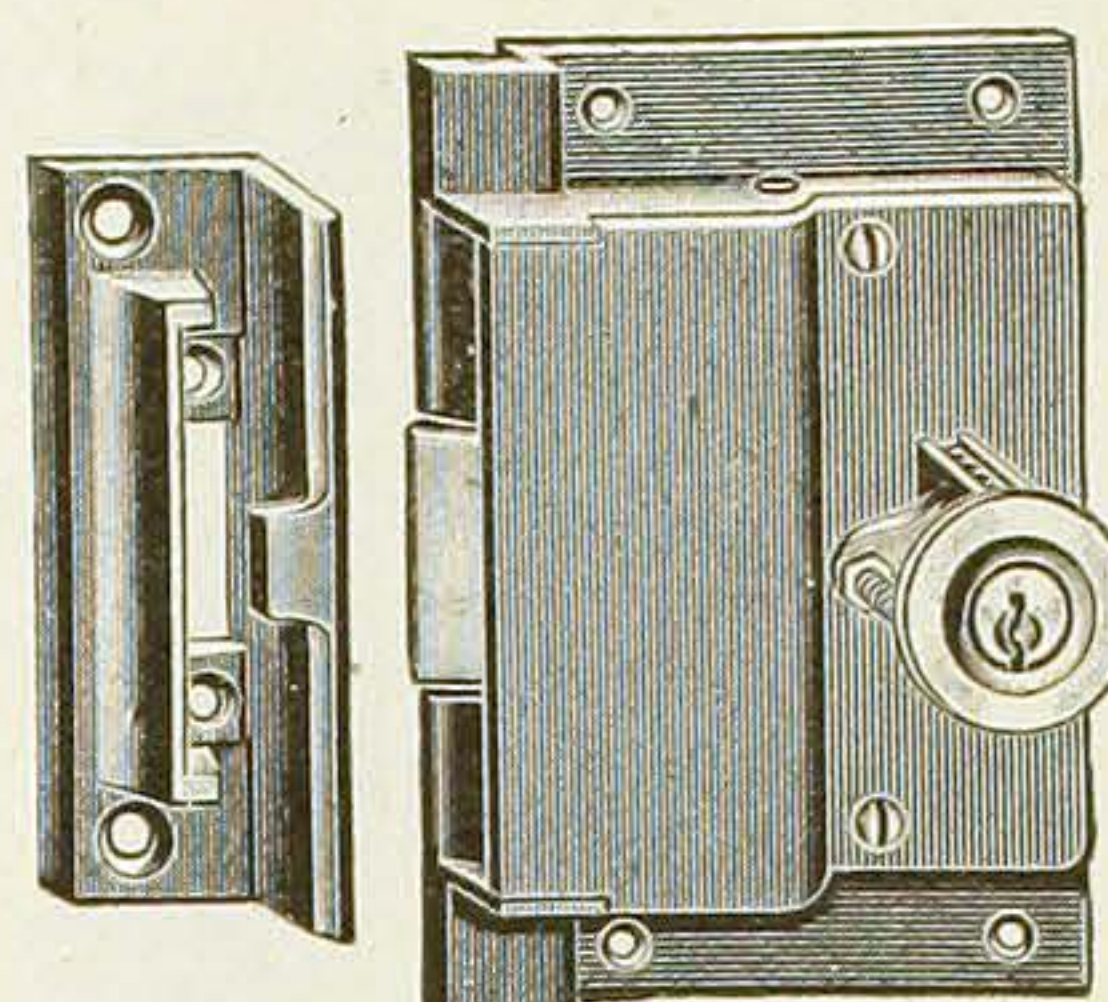
Plate $4\frac{1}{2}'' \times 3\frac{1}{2}''$



Latch, $10\frac{1}{2}''$

No. PHS 4394

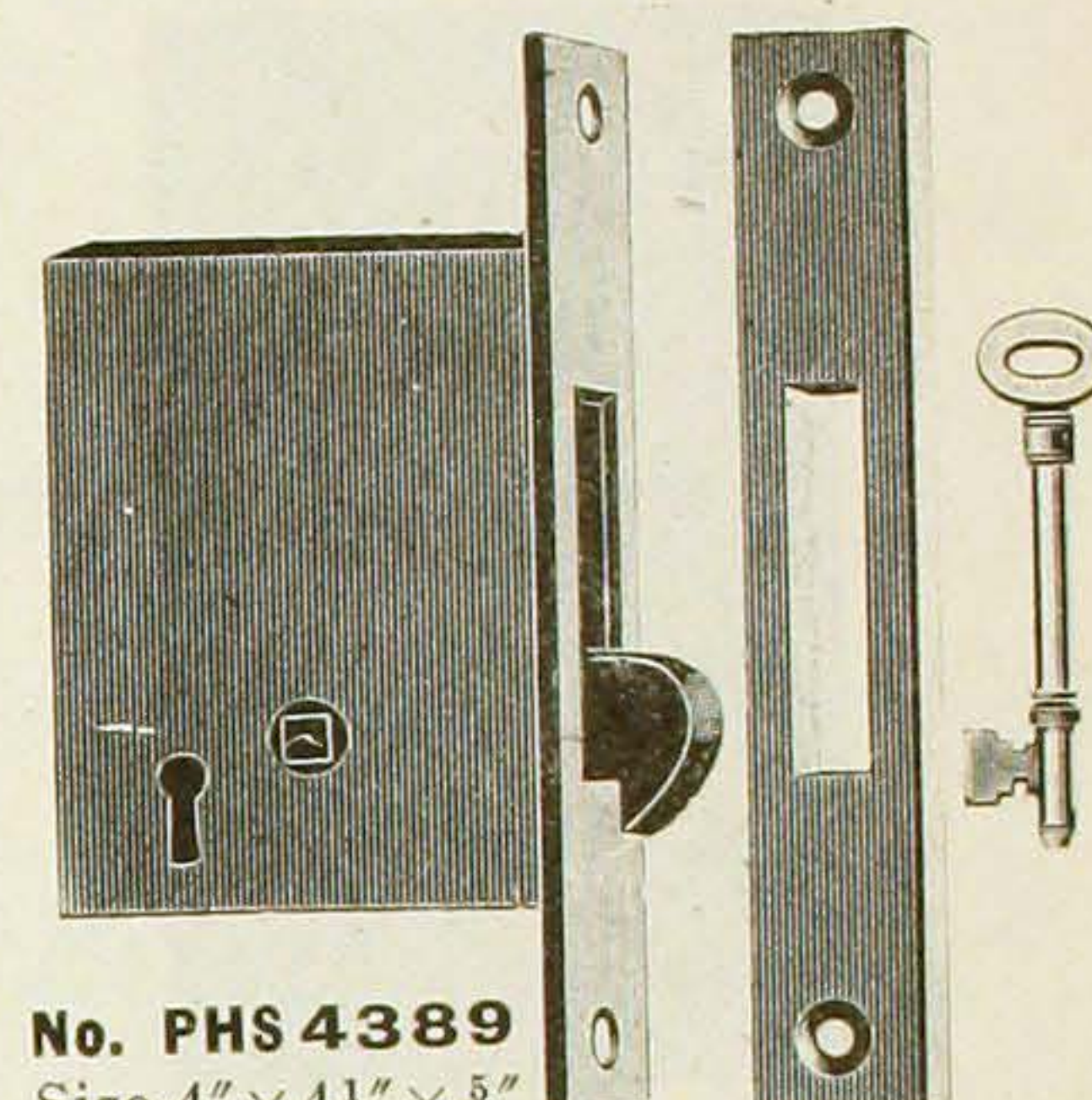
Berlin Black	...	...	...	...	68/3 dozen sets.
"	...	...	...	...	5/10 per set.
Brass	...	...	...	...	201/- dozen sets.
"	...	...	...	...	17/- per set.



No. PHS 4347

Adaptable Cylinder Sliding Door Lock, for Garage Doors, self-latching, Hinged Latch Bolt, adjustable, unit cylinder, cast iron case, $5\frac{3}{8}'' \times 4''$. Protected strike for security. Latch operated by key, from outside; by lever from inside; can be held retracted by stop on inside.

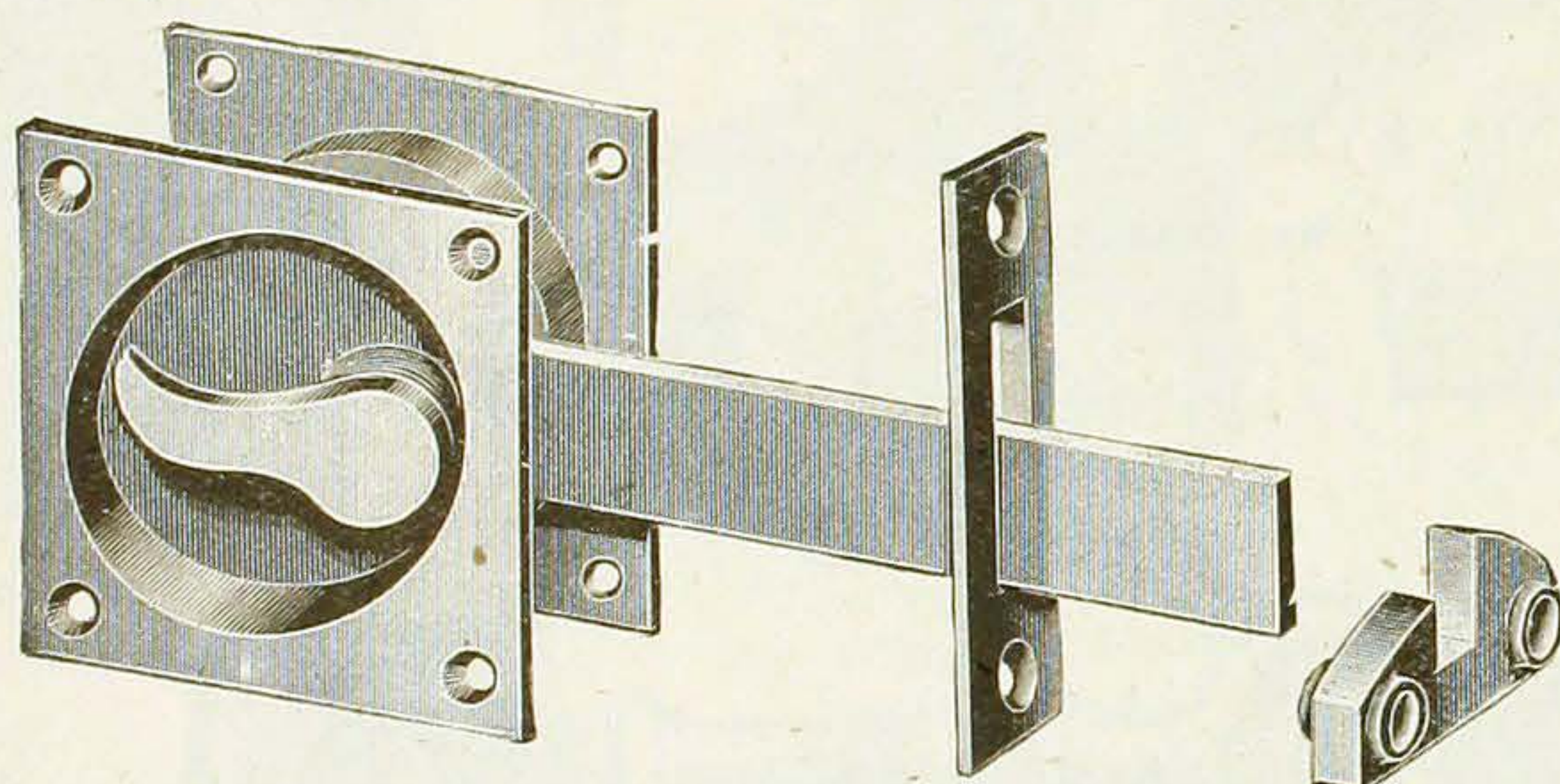
Dead Black finish 14/- each.



No. PHS 4389

Size $4'' \times 4\frac{1}{2}'' \times \frac{5}{8}''$

Berlin Black ... 9/9 each.
Ditto, with Brass Latch Plates, 12/6 each.

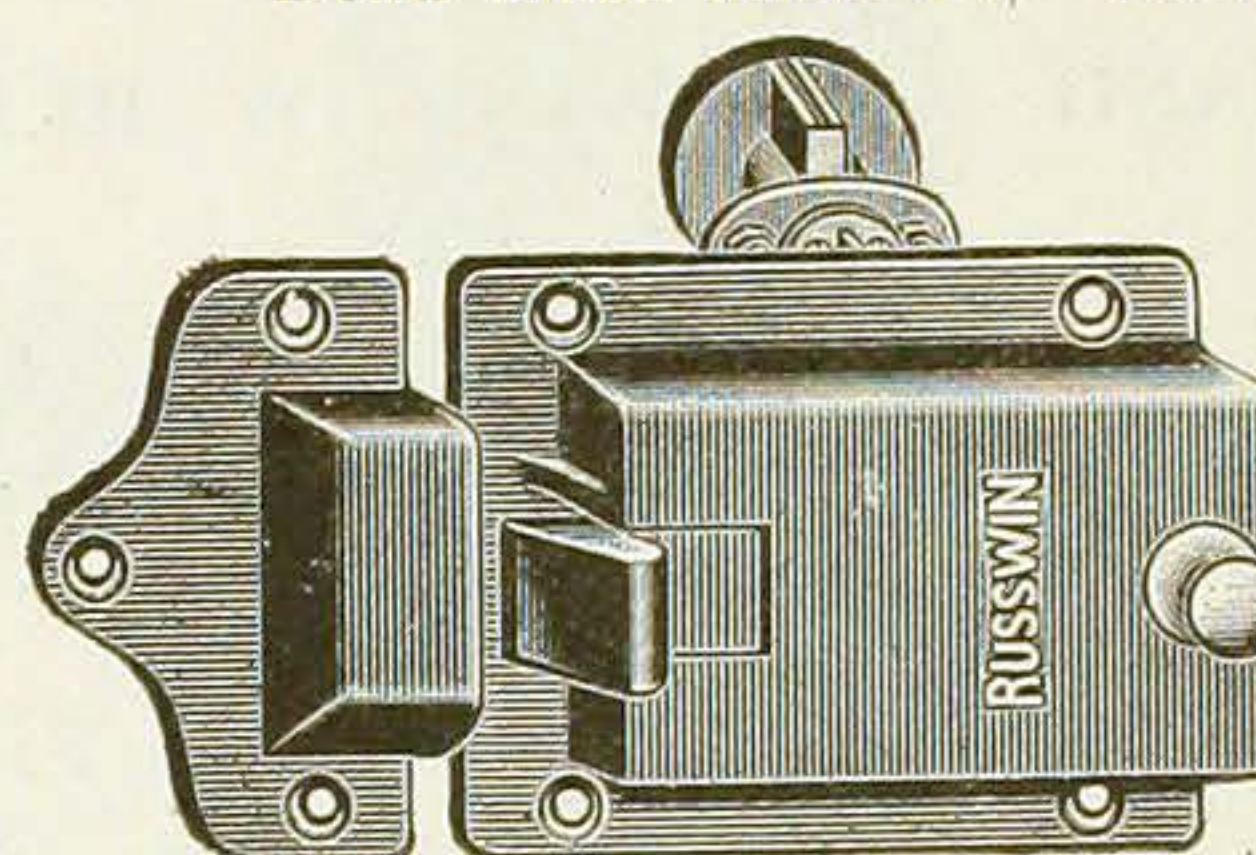


No. PHS 9223

For Heavy Doors or Gates.

Handles 4".

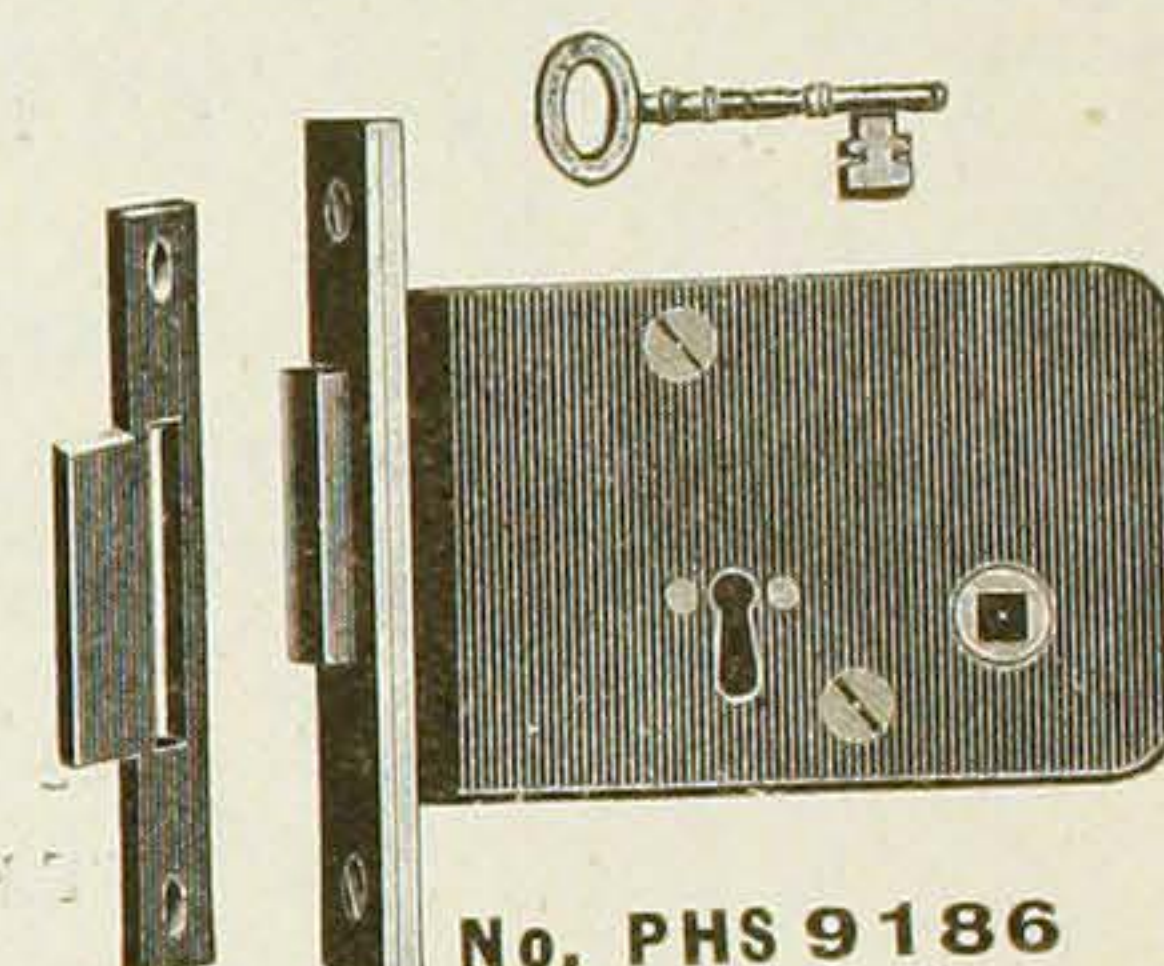
Berlin Black	...	...	...	...	78/9 dozen sets.
"	...	...	...	...	6/9 per set.



No. PHS 4348

Adaptable Cylinder Lock, self-latching, Hinged Latch Bolt, adjustable unit cylinder for Right or Left-Hand, Reverse Bevel Doors, Cast iron case, size $4\frac{1}{2}'' \times 4\frac{5}{8}''$. Stop holds latch retracted. Bronze cylinder and collar. Back set, 3 in. 3 keys.

Dead Black Finish, 12/3 each.
Specify Strike No. 1 when wanted for Single Doors.



No. PHS 9186

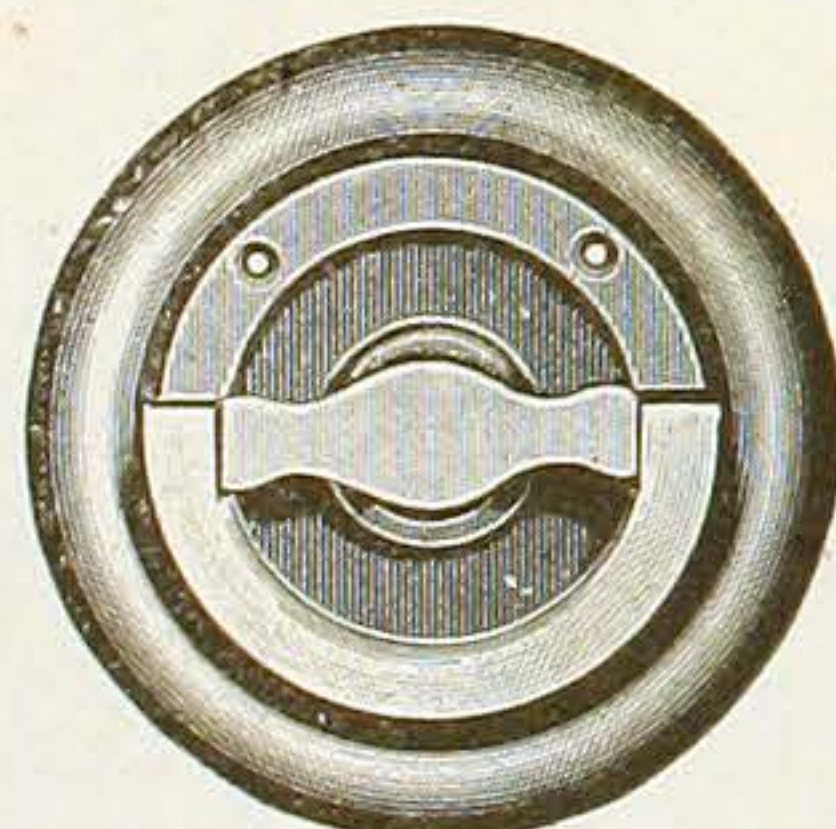
Art Black Mortise Lock with Rounded Brass Bolts and Brass Plates.

Size 4" 129/6 dozen, 11/- each.
Size 5" 136/6 dozen, 11/6 each.

No. PHS 9187

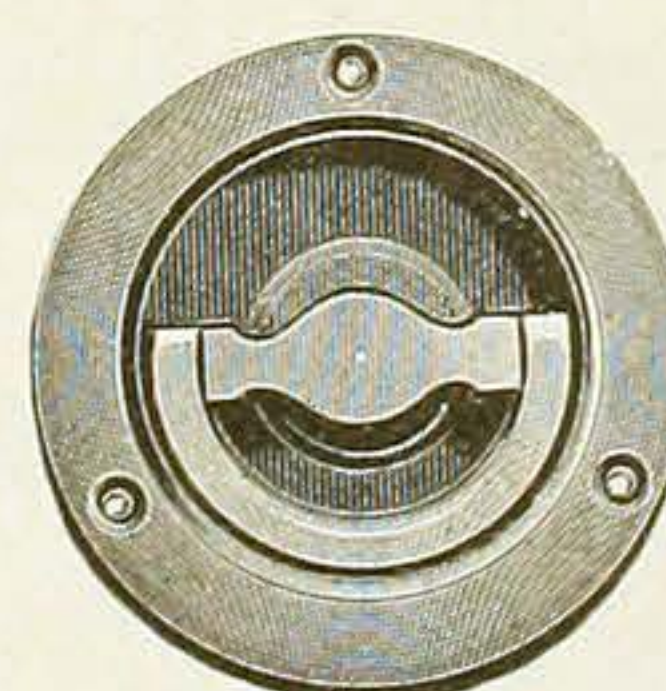
Japanned Mortise Latch to match, Not to Lock.

Size 4" 78/9 dozen, 6/9 each.
Size 5" 84/- dozen, 7/3 each.



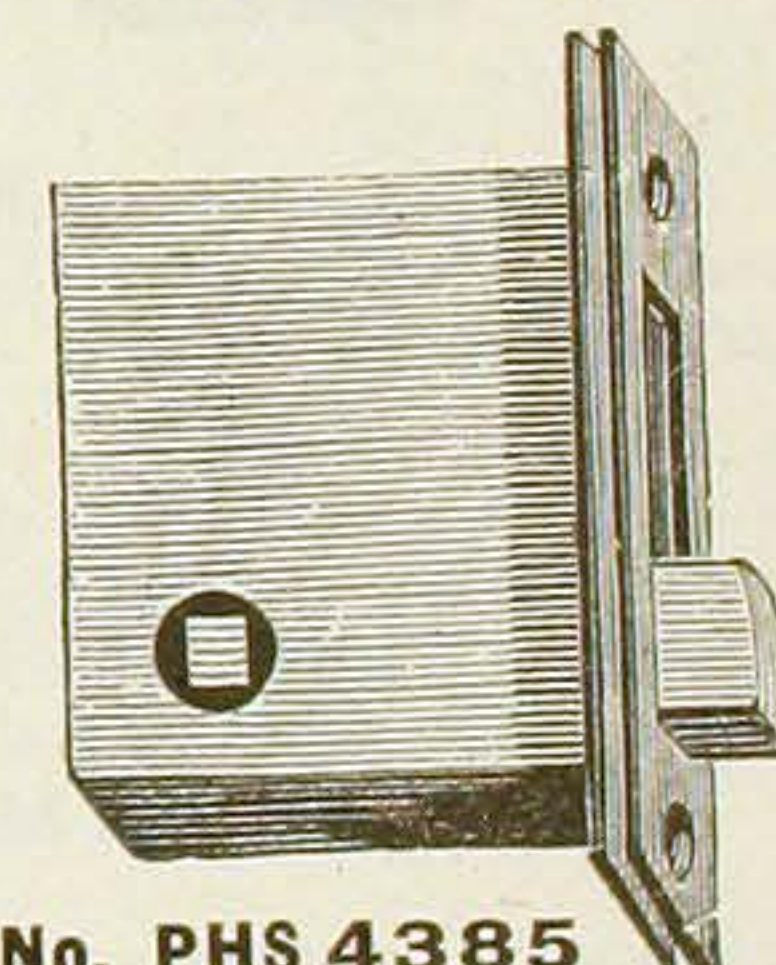
No. PHS 4382 Semi-Flush.

		Berlin Black.	Polished Brass.
4" diam.	...	31/6	67/- dozen.
4" diam.	...	2/9	5/9 each.
5" diam.	...	42/-	102/9 dozen.
5" diam.	...	3/9	8/9 each.
6" diam.	...	70/-	156/3 dozen.
6" diam.	...	6/-	13/3 each.



No. PHS 4384

		Berlin Black.	Polished Brass.
$3\frac{1}{2}''$ diam.	...	17/6	41/9 dozen.
$3\frac{1}{2}''$ diam.	...	1/6	3/6 each.
4" diam.	...	21/-	49/- dozen.
4" diam.	...	2/-	4/3 each.
5" diam.	...	36/9	83/6 dozen.
5" diam.	...	3/3	7/3 each.
6" diam.	...	56/-	116/- dozen.
6" diam.	...	4/9	9/9 each.



No. PHS 4385

When the door is opened the Latch is lifted up, and held flush in the box with a spring.

With Brass

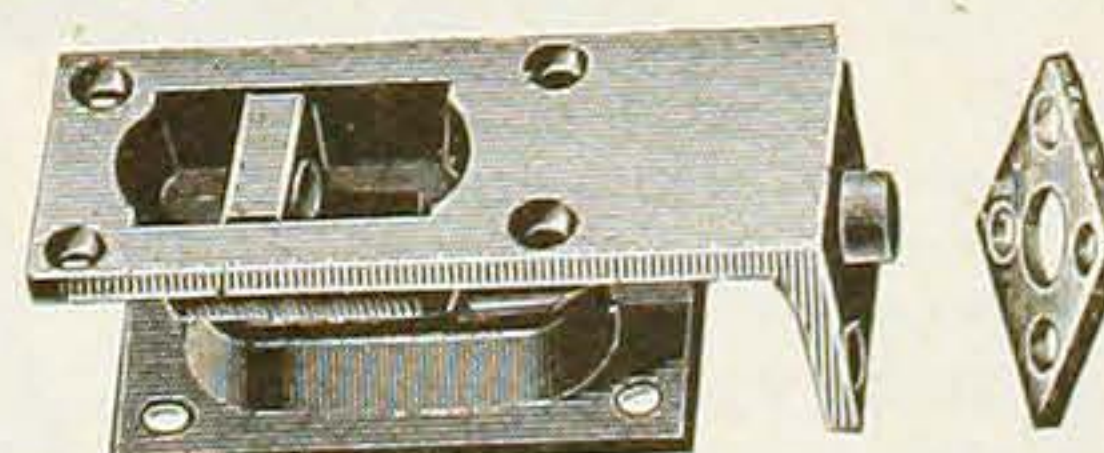
Size.	Berlin Black.	Latch and Plates.	All Brass.
$4\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{5}{8}''$	52/6	84/-	111/6 dozen.
Ditto.	4/6	7/3	9/6 each.
$5'' \times 5\frac{1}{2}'' \times \frac{5}{8}''$	73/6	126/-	172/6 dozen.
Ditto	6/3	10/9	14/6 each.

Flush Bolts for Loose Boxes, Sliding Doors, etc.



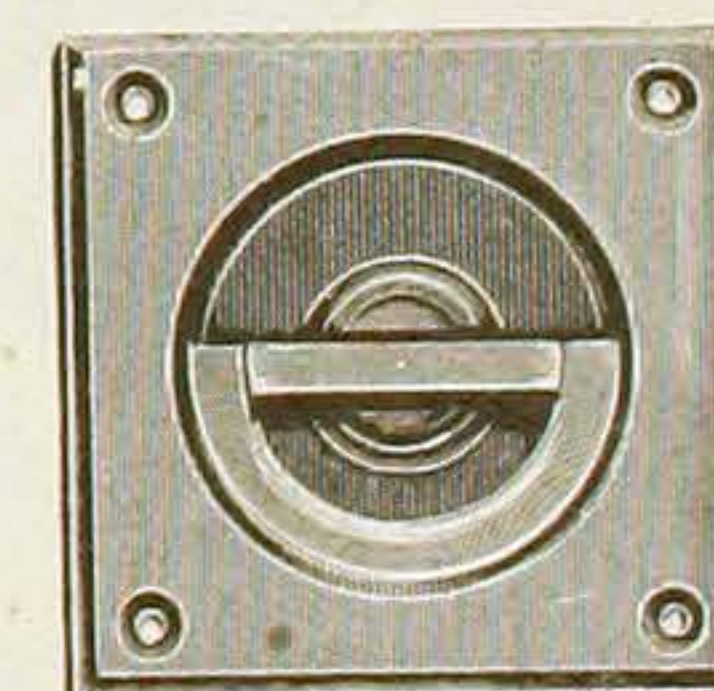
No. PHS 9018

		Japanned.	Brass.
Size.	dozen.	each.	dozen.
$3\frac{1}{2}'' \times 1\frac{3}{4}''$	26/3	2/3	50/6
$4\frac{1}{2}'' \times 1\frac{3}{4}''$	31/6	2/9	67/-
$6'' \times 1\frac{3}{4}''$	36/9	3/2	80/6
$9'' \times 2''$	47/3	4/2	104/2
$12'' \times 2''$	57/9	5/-	131/-
$15'' \times 2''$	68/3	5/10	—
$18'' \times 2''$	78/9	6/8	—



No. PHS 9019

		Japanned.	Brass.
Size	dozen.	each.	dozen.
$4\frac{1}{2}'' \times 1\frac{3}{4}''$	40/3	3/6	86/4
$6'' \times 1\frac{3}{4}''$	45/6	4/-	104/3
$9'' \times 2''$	57/9	5/-	134/-
$12'' \times 2''$	70/-	6/-	160/9



No. PHS 4375

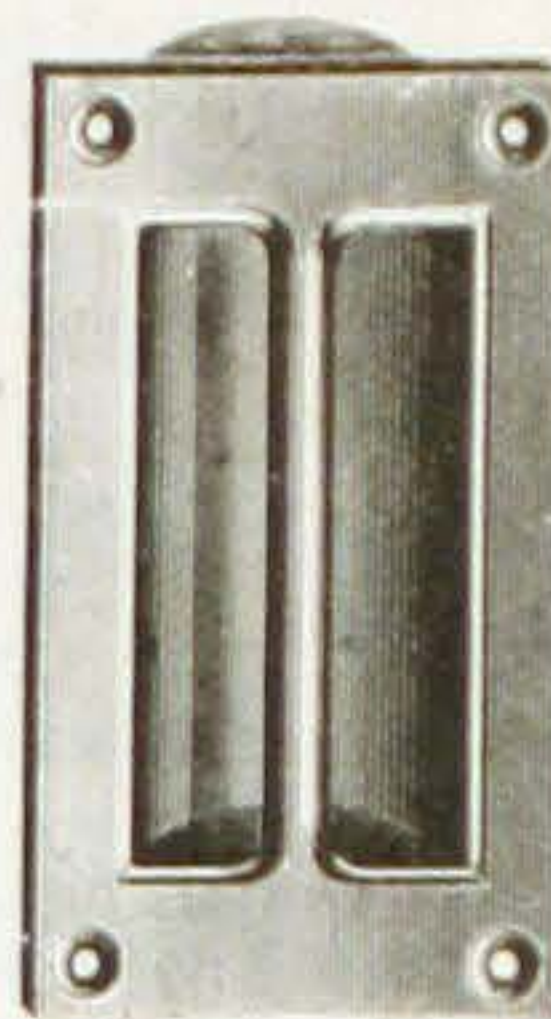
		Berlin Black.	Polished Brass.
Size	dozen.	each.	dozen.
$3\frac{1}{2}'' \times 3\frac{1}{2}''$	28/-	2/6	71/6 dozen.
$3\frac{1}{2}'' \times 3\frac{1}{2}''$	29/9	2/8	76/- dozen.
$4'' \times 4''$	36/9	3/3	89/3 dozen.
$5'' \times 4''$	45/6	4/-	119/- dozen.
$5'' \times 5''$	—	—	10/- each.

Flush Sliding Door Handles, etc.



No. PHS 9014

Size overall	5" x 3 1/8"	4 1/8" x 2"
Size of Slot	3 3/4" x 1 1/4"	3 1/8" x 1 1/8"
Japanned	16/6	11/10 dozen.
"	1/5	1/- each.

No. PHS
4390Priced
each.

Japanned. Brass. B.M.A.

4" x 2 1/8"	...	1/10	2/3 each.
4 1/8" x 3"	...	2/-	—
4 3/4" x 3 1/8"	...	4/6	5/6 "
5" x 3"	...	3/2	3/10 "
5" x 3 3/8"	...	5/4	6/4 "
5 1/8" x 3"	...	2/6	—
6 1/8" x 4 1/8"	...	4/3	—



No. PHS 6429

Size	2" x 1 1/2"	3" x 2"	4 1/2" x 2 1/4"	6" x 3 1/4"
Iron, Varnished	4/10	5/3	8/-	10/6 doz.
" " " "	6d.	6d.	9d.	1/- each.
Iron, Relieved, Varnished	6/-	6/8	9/2	13/2 doz.
" " " "	7d.	8d.	10d.	1/2 each.

MALLEABLE SASH AND WINDOW BLIND EYES. Japanned.



No. PHS 6219

Plate.	Eye.	Japanned.
1 1/8" x 5/8"	dia.	3/3
2 1/8" x 1"	dia.	4/- dozen.



No. PHS 6222

Japanned.
1 1/8" x 1 1/8" 3/3 doz.



No. PHS 6221

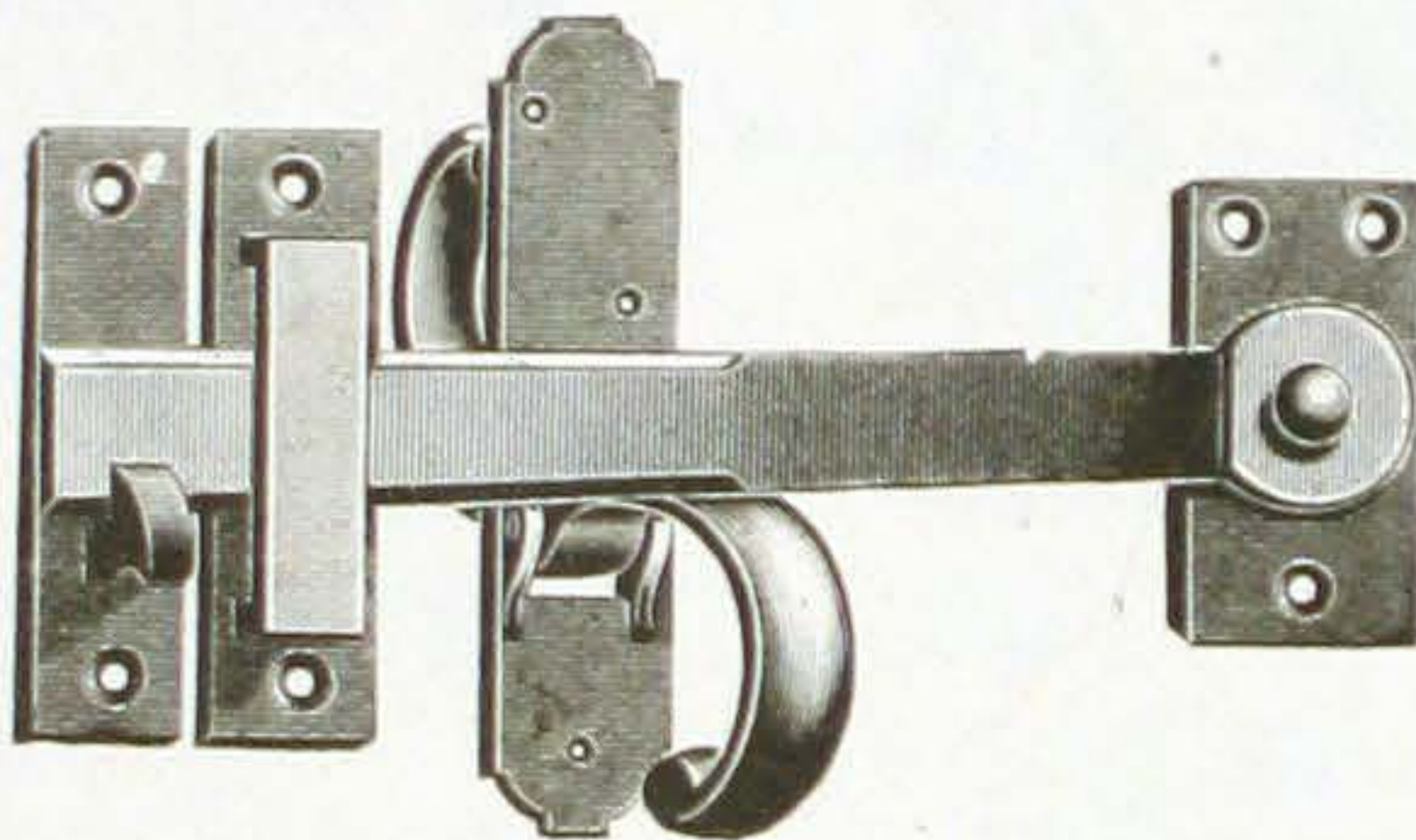
Japanned.
4" x 1 1/4" 7/- doz.
5" x 1 1/4" 8/9 "



No. PHS 6223

Japanned.
2 1/8" x 1" 2/6 doz.
2 3/8" x 1 1/4" 2/9 "

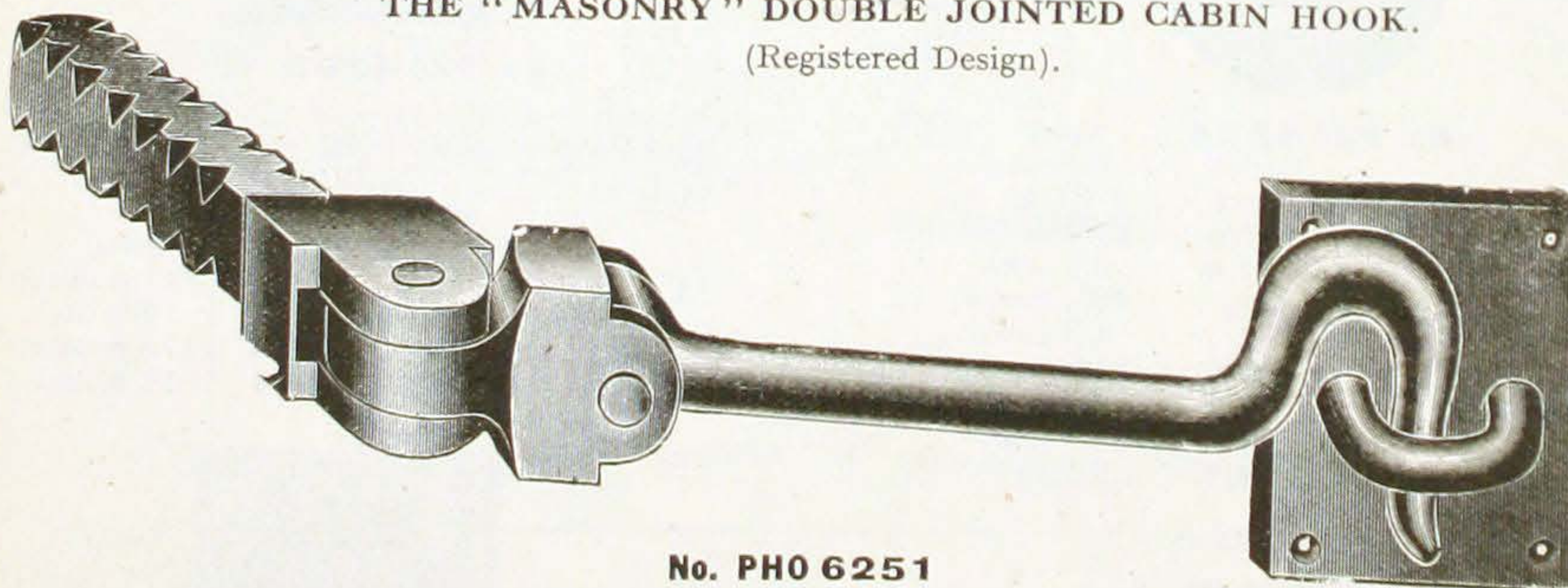
"S" STABLE LATCH.



No. PHS 4400

Size	6"	7"	9"	11"	12"
Mall. Iron, Berlin B.	31/6	38/6	49/-	59/6	77/- dozen sets.
" "	2/9	3/4	4/3	5/2	6/8 each set.
Brass	111/6	129/6	*96/3	183/-	215/9 dozen sets.
"	9/6	11/-	*8/3	15/6	18/3 each set.

*Special Price.

THE "MASONRY" DOUBLE JOINTED CABIN HOOK.
(Registered Design).

No. PHO 6251

Supplied in Galvanized Iron to build into wall, as illustrated, or to screw into woodwork.

The great disadvantage of the old pattern cabin hook was that the point of the hook swinging to and fro caused unsightly scratches and damage to the brick or stone work to which it was fixed.

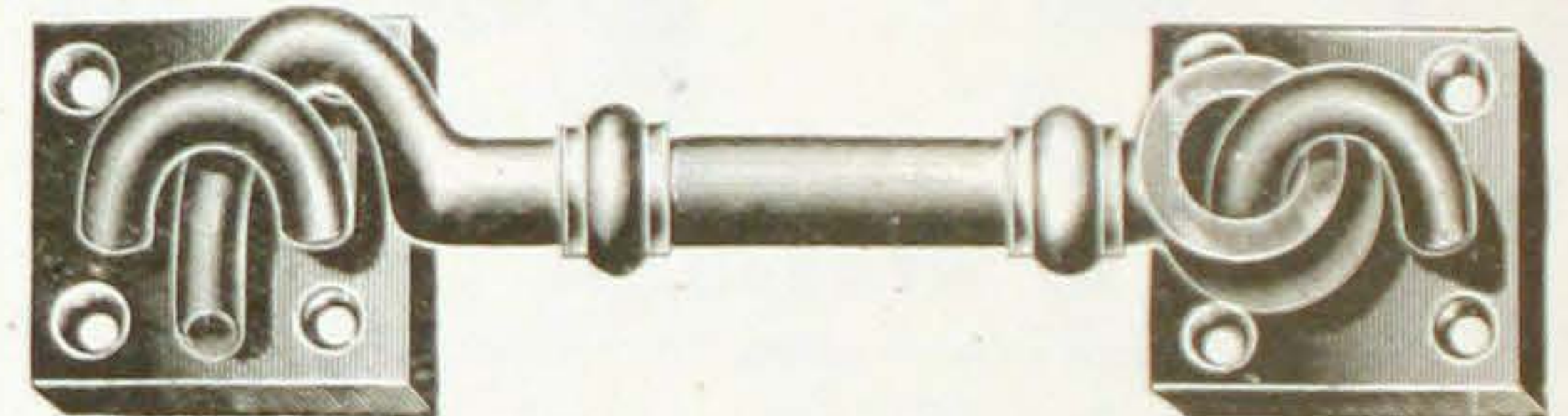
To overcome this annoying objection, we have recently designed and registered the hook shown, which is so made that although it can be moved about freely, it cannot touch, and consequently cannot injure, the wall.

We have kept Architect's requirements specially in mind in designing this hook, and are confident that when it is better known there will be a very large demand, especially for use on School and similar doors.

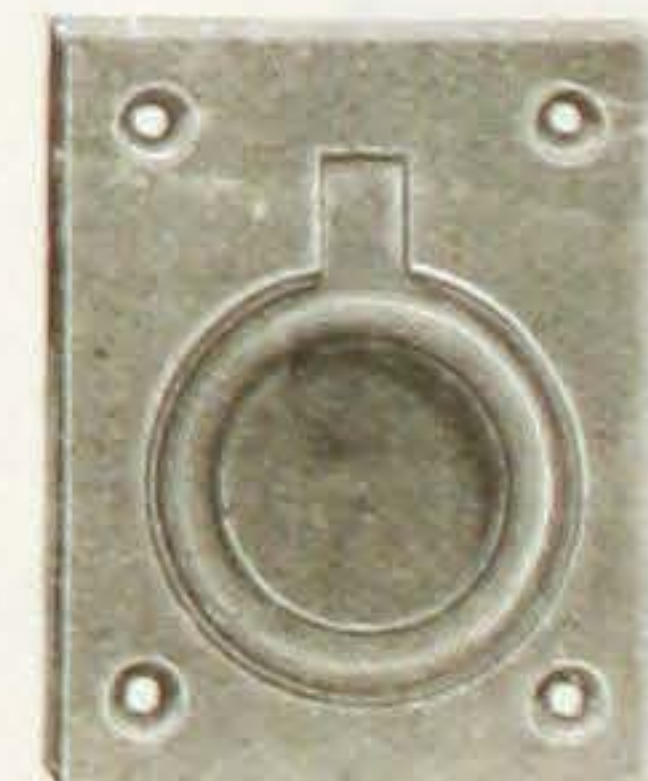
Sizes	3"	4"	6"	8"	9"	10"	12"	18"	21"
Price	4/6	5/3	6/2	7/-	8/-	each.			

Measured overall, but not including lug.

CABIN HOOK.

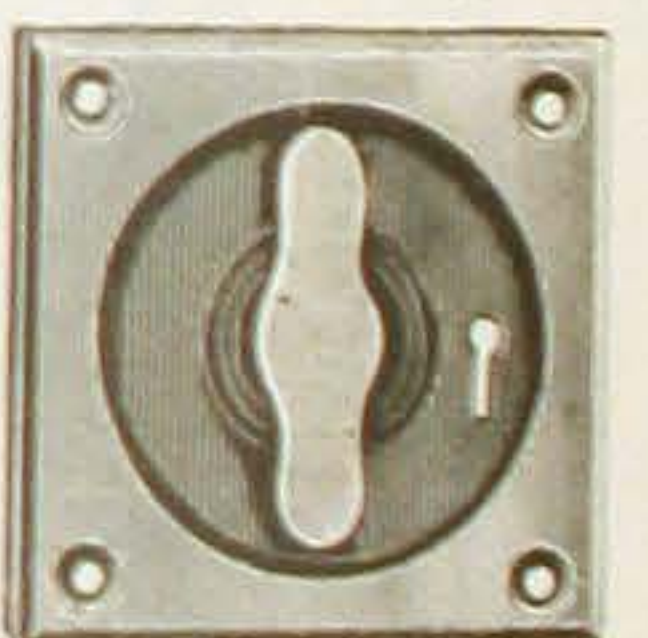
No. PHS 6333
Strong Art Black.

Per dozen	3"	4"	5"	6"	8"	10"	12"
Each	7/-	8/4	10/-	11/6	13/3	16/3	18/4
	8d.	9d.	11d.	1/-	1/2	1/5	1/7

MALLEABLE
FLUSH
LIFTING
RINGS.

No. PHS 6218

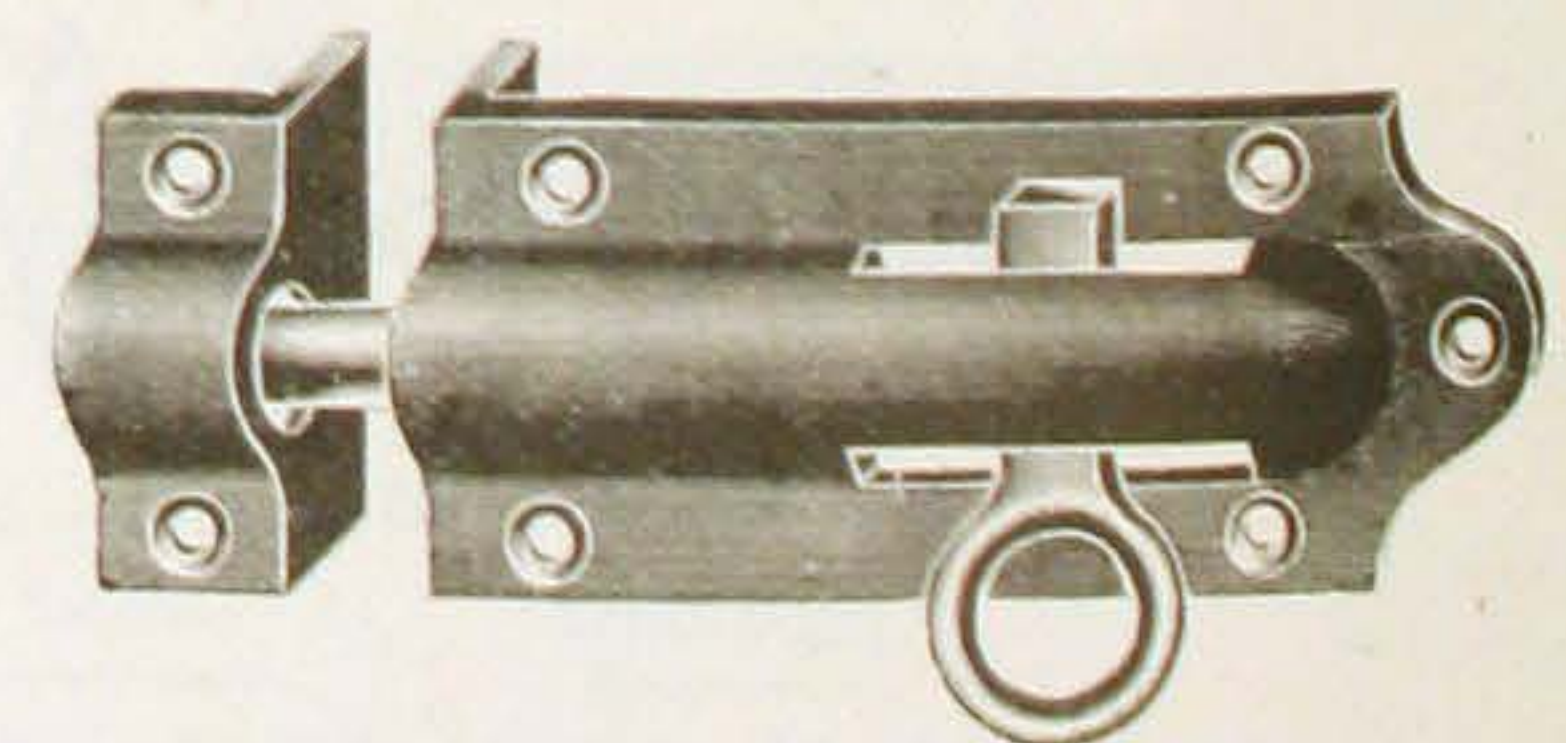
	Japanned.	Galvanised.
	dozen.	each.
2 $\frac{1}{8}$ " $\times$ 1 $\frac{3}{8}$ "	8/-	9d.
3" $\times$ 2 $\frac{1}{8}$ "	9/9	10d.
3 $\frac{1}{2}$ " $\times$ 2 $\frac{3}{8}$ "	13/3	1/2
4" $\times$ 3"	15/9	1/4
4 $\frac{1}{8}$ " $\times$ 3 $\frac{1}{2}$ "	20/3	1/9
5" $\times$ 4"	28/-	2/6
7 $\frac{1}{8}$ " $\times$ 5 $\frac{1}{8}$ "	68/3	5/10

MORTICE LOCK
HANDLE.

No. PHS 4377

Plate 4"	
Japanned Malleable.	
dozen.	each.
17/6	1/8
Brass.	
dozen.	each.
47/9	4/3

STABLE BOLT.



No. PHS 4406

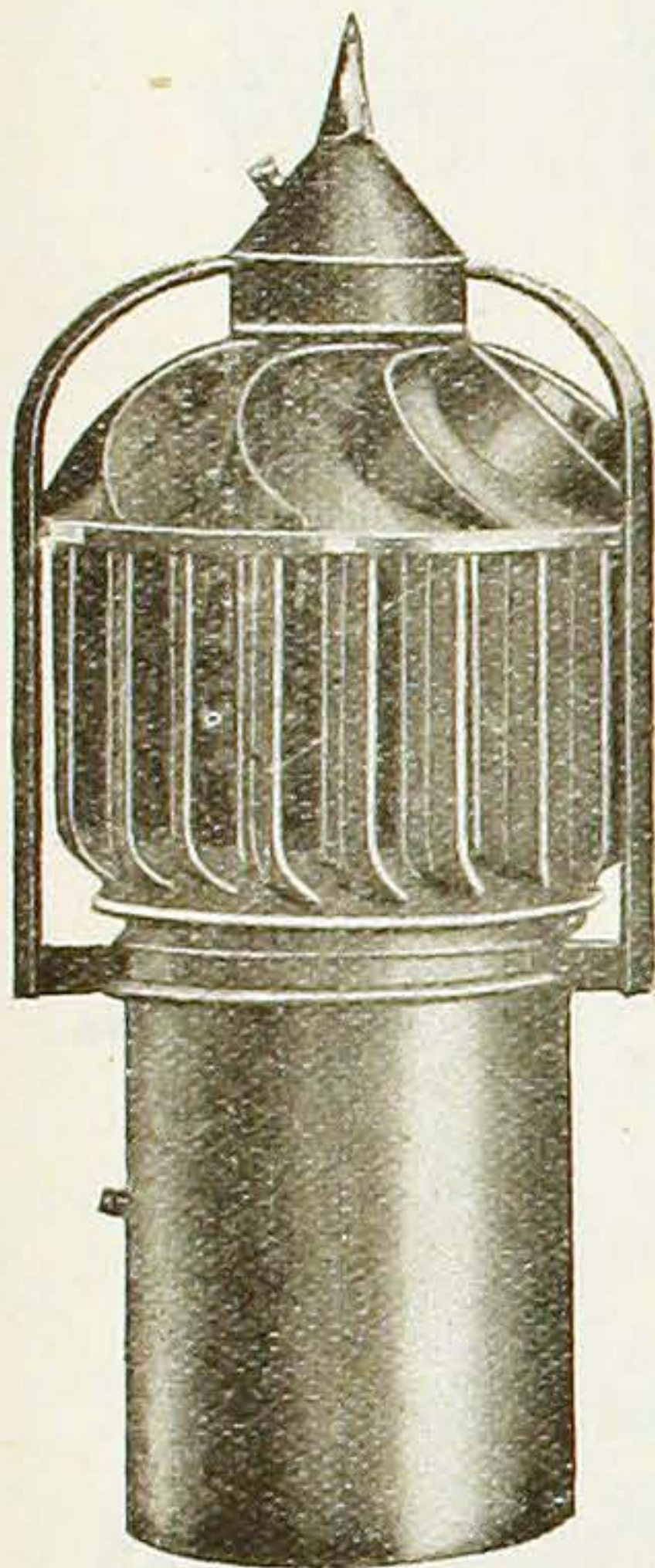
Strong Stable Bolt.

No. PHS 6225
Mall. Long Arm
Hooks, Japanned.
1" 8/9 doz.
1 1/4" 9/9 "
1 3/4" 12/3 "
Outside Sockets.

Japanned Iron	45/6 dozen.
" " "	4/- each.
Brass	122/- dozen.
" " "	10/3 each.

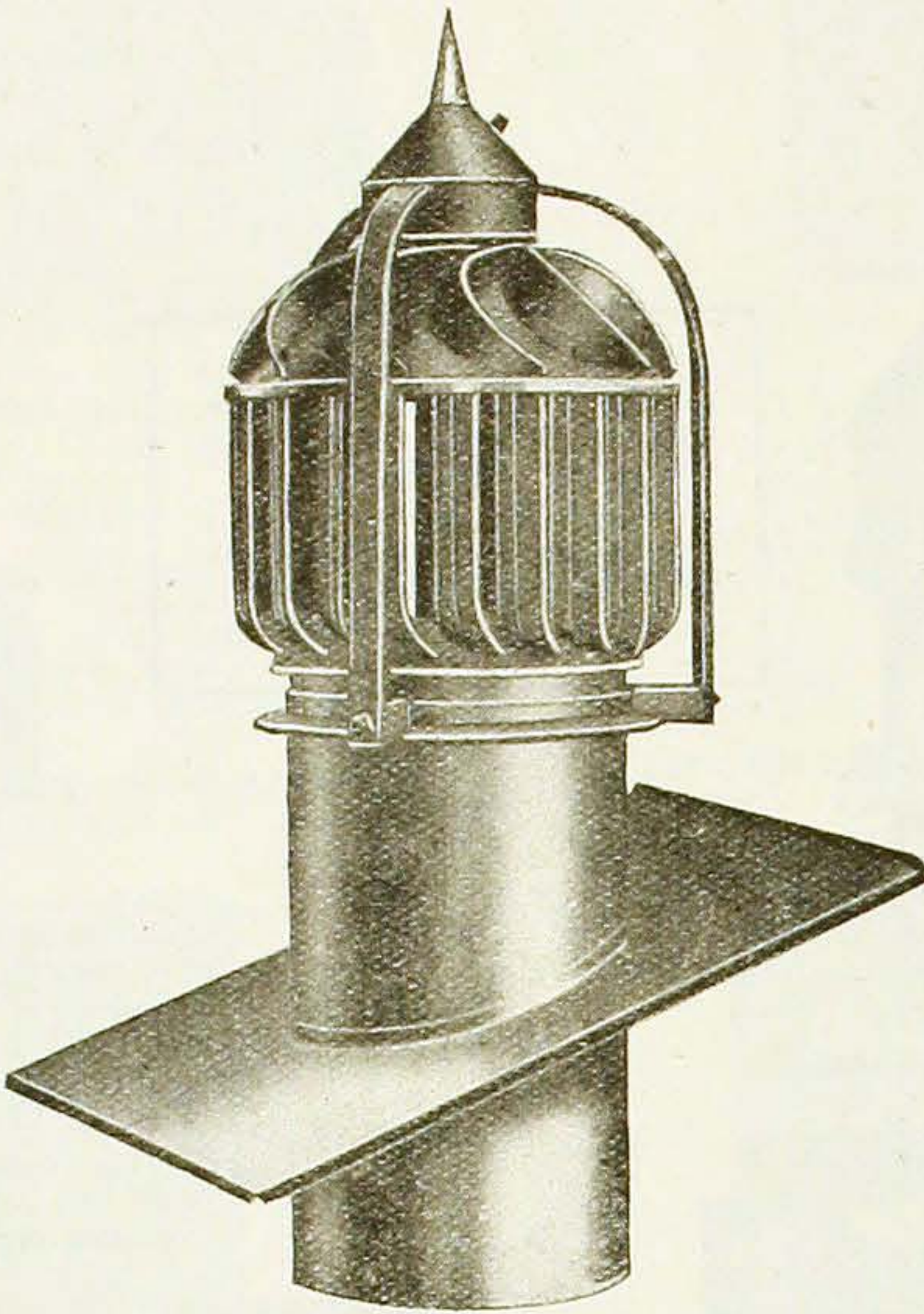
Roof Ventilators and Cowls

REVOLVING ARCHIMEDEAN SCREW EXTRACT VENTILATORS.



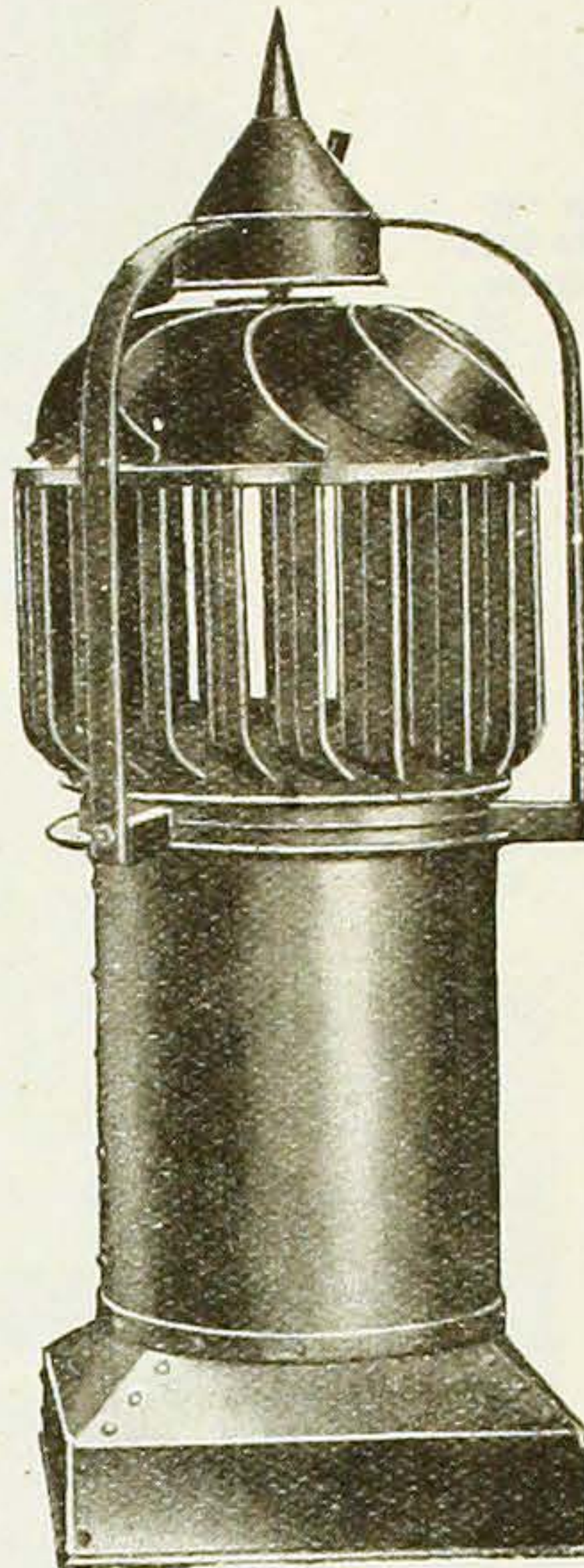
No. PHQ 3389
Round Base.

Pipe.	Price.
	£ s. d.
6"	1 17 6
8"	2 0 0
9"	2 5 0
10"	2 10 0
12"	3 0 0
14"	3 15 0
16"	5 0 0
18"	6 0 0



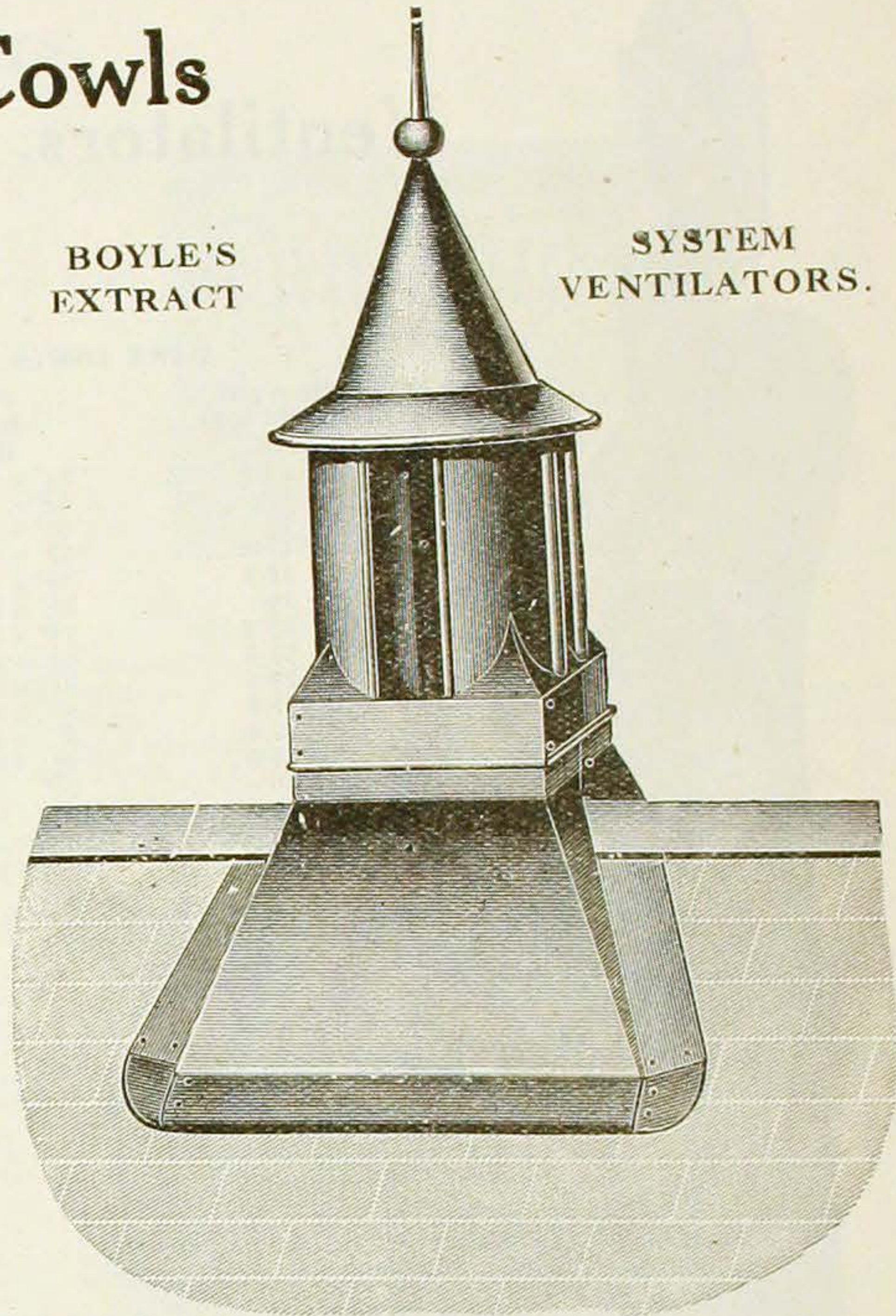
No. PHQ 3389A
Round Base.
With Roof Flange.
State pitch of Roof.

Pipe.	Price.
	£ s. d.
6"	2 1 6
8"	2 4 0
9"	2 10 0
10"	2 15 0
12"	3 5 0
14"	Larger sizes
16"	quoted for
18"	on receipt of
	particulars.



No. PHQ 3390
Square Base.

Pipe.	Base.	Price.
		£ s. d.
6"	7" x 7 1/2"	2 2 6
8"	10" x 10"	2 5 0
9"	11" x 11"	2 12 6
10"	12" x 12"	2 17 6
12"	15" x 15"	3 7 6
14"	17" x 17"	4 5 0
16"	19" x 19"	5 10 0
18"	22" x 22"	6 15 0



BOYLE'S
EXTRACT

SYSTEM
VENTILATORS.

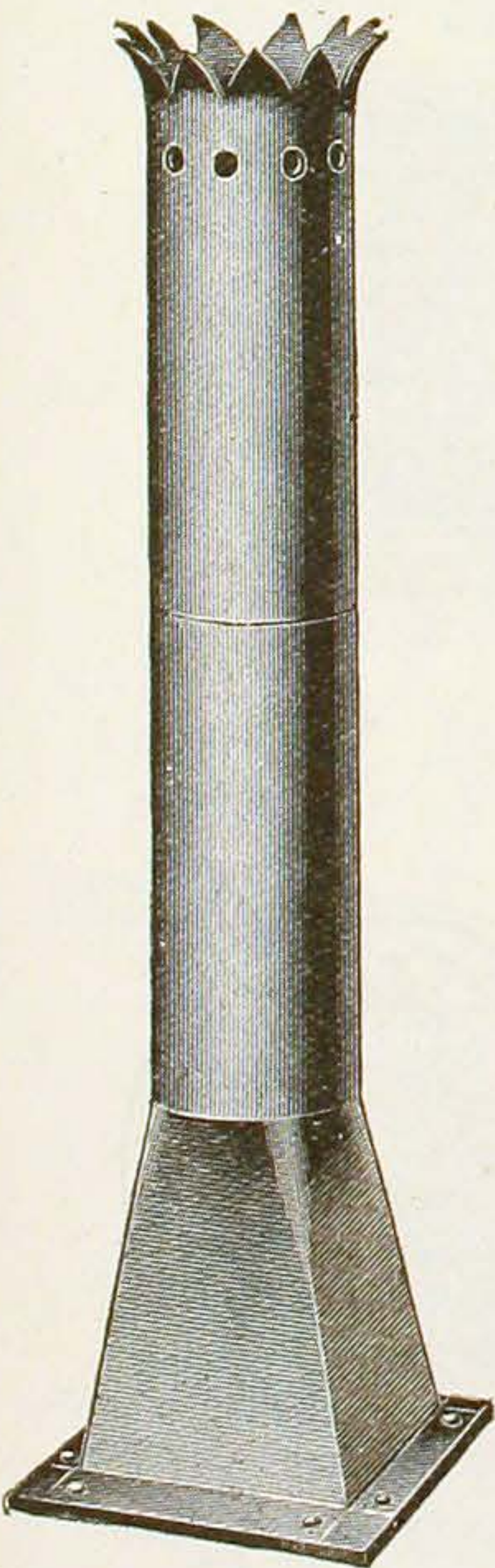
No. PHQ 4005
Square Base.

(As illustrated but without the Roof Base.)

Dia. of Head.	Dia. of Pipe	Base.	Price.
			£ s. d.
12"	6"	12" x 12"	1 15 0
14"	7"	14" x 14"	2 0 0
16"	8"	16" x 16"	2 5 0
18"	9"	18" x 18"	2 15 0
20"	10"	20" x 20"	3 10 0
24"	12"	24" x 24"	4 10 0
27"	14"	27" x 27"	5 5 0
30"	15"	30" x 30"	6 10 0
36"	18"	36" x 36"	8 15 0
42"	21"	42" x 42"	11 15 0
48"	24"	48" x 48"	14 17 6

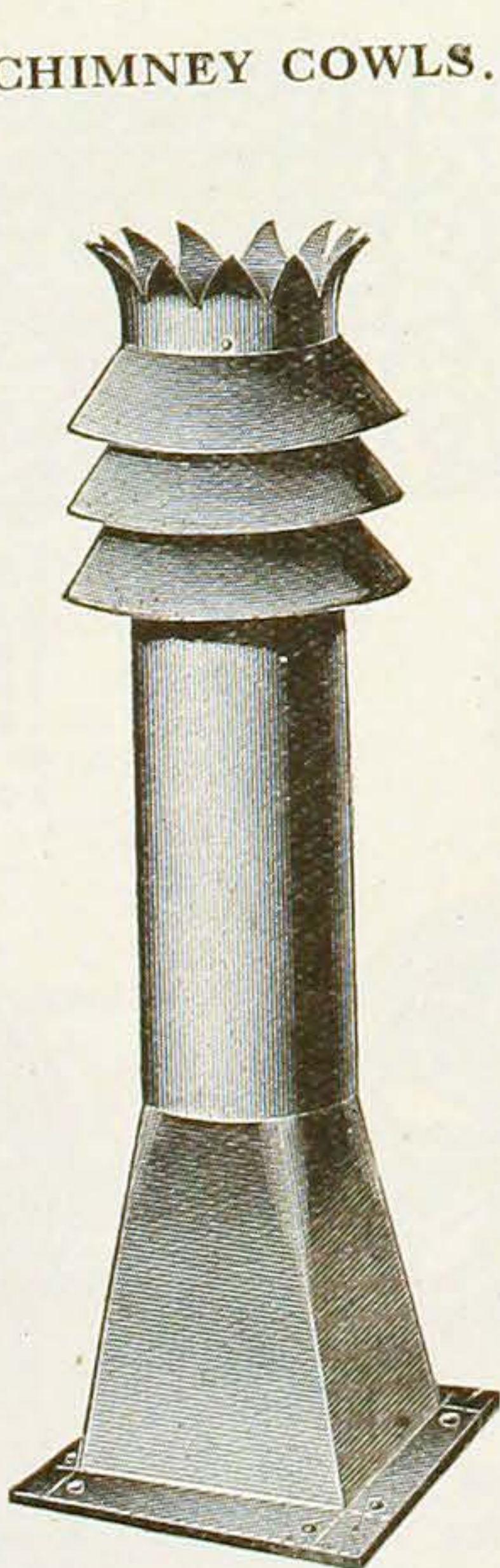
We shall be pleased to quote for Roof Bases as shewn, upon receipt of particulars as to pitch, etc. These Roof Bases take the place of the usual Wood Seatings and Flashings, and whilst equally effective, are far less expensive.

CHIMNEY COWLS.



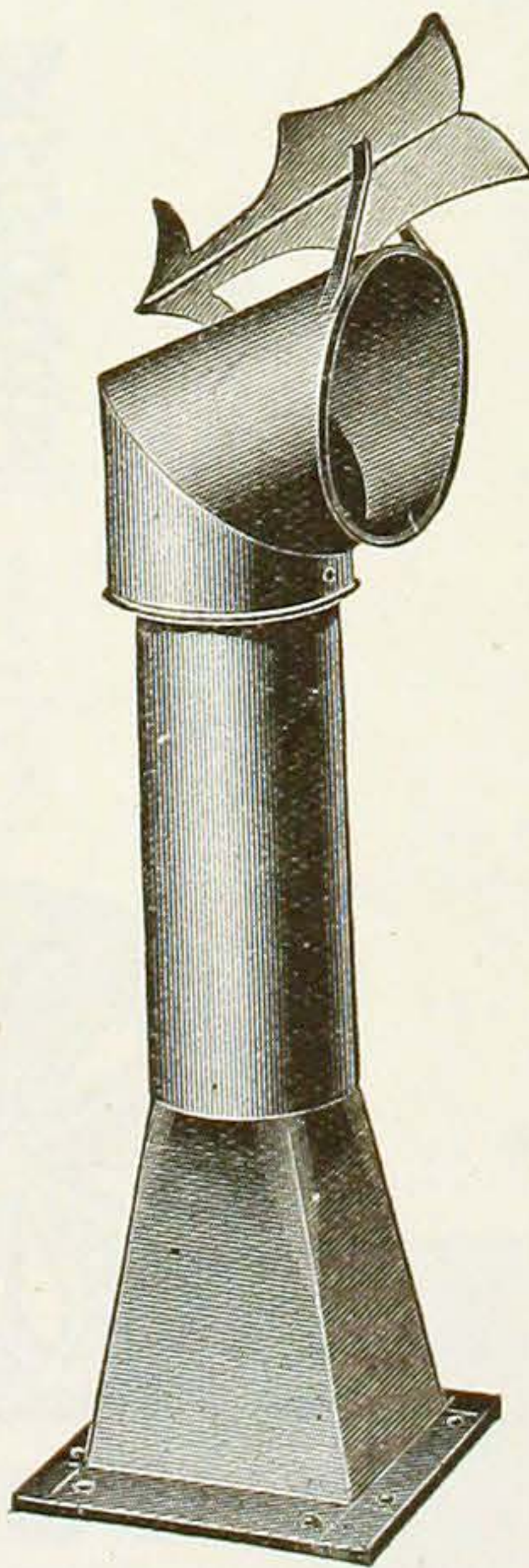
No. PHQ 4000
"CROWN"

Approx. 6' 0" overall.



No. PHQ 4001
"MILK PAN"

Approx. 5' 0" overall.



No. PHQ 4002
"BONNET"

(Revolving).
Approx. 5' 0" overall.

We are actual manufacturers and shall be pleased to quote for Ventilators made to Architects' own design in any size. Prices for Zinc or Copper Ventilators, quoted upon request.

CHIMNEY COWLS.

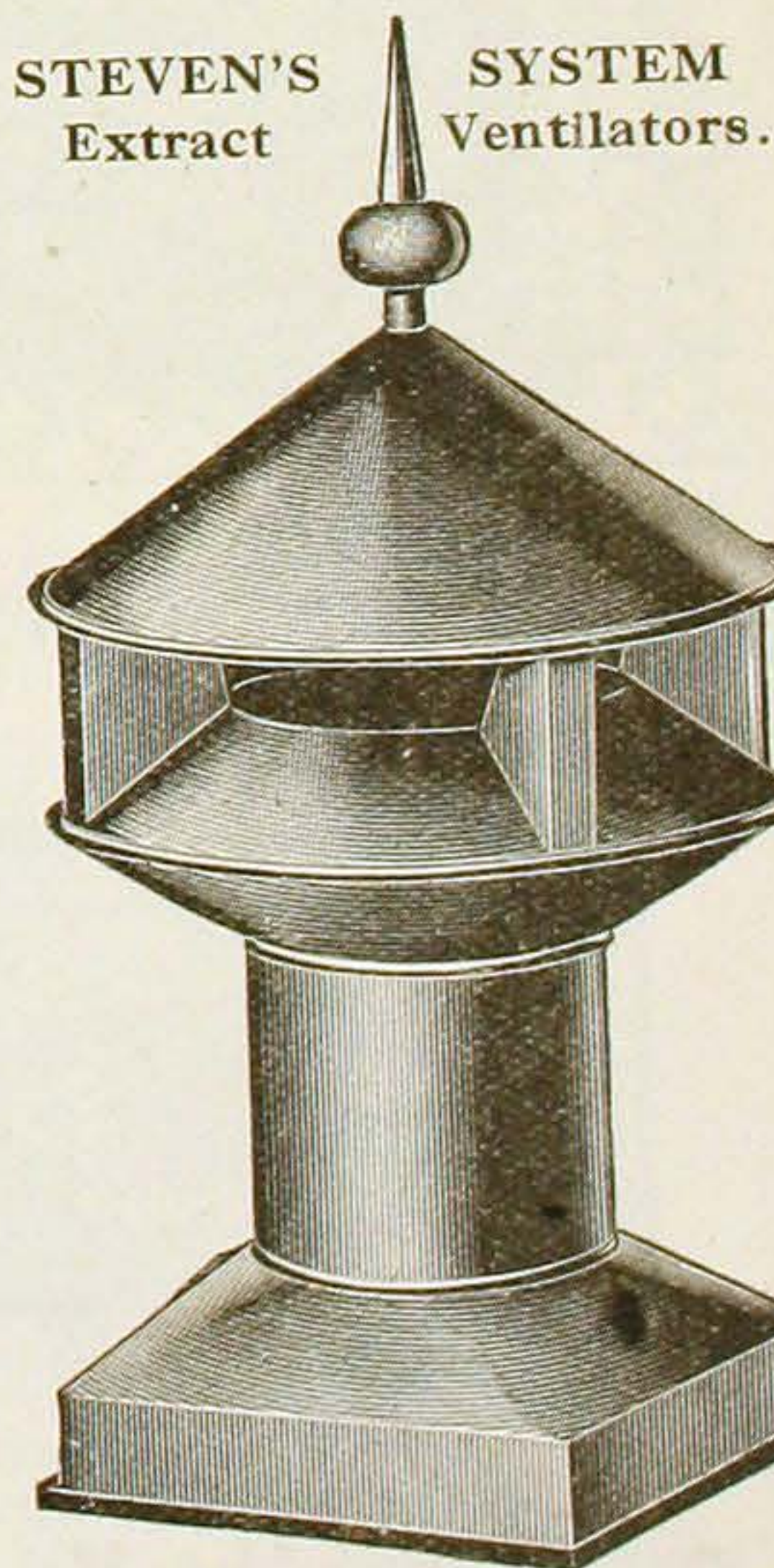
Dia. of Pipe ...	8"	9"	10"	12"
Base ...	9" x 9"	14" x 9"	14" x 10"	15" x 12"
PHQ 4000	18/6	21/-	25/-	30/-
PHQ 4001	23/-	26/-	30/-	35/-
PHQ 4002	27/6	30/-	35/-	40/-

We shall be pleased to quote for any other size or design upon receipt of particulars.

STEVEN'S SYSTEM EXTRACT VENTILATORS.

No. PHQ 4008/2

Head.	Pipe	Base.	Price.
			£ s. d.
12"	6"	9" x 9"	1 0 0
16"	8"	12" x 12"	1 5 0
18"	9"	14" x 14"	1 10 0
20"	10"	15" x 15"	1 15 0
24"	12"	18" x 18"	2 5 0
30"	15"	22" x 22"	3 0 0
36"	18"	27" x 27"	3 15 0
42"	21"	32" x 32"	4 12 6
48"	24"	36" x 36"	6 5 0

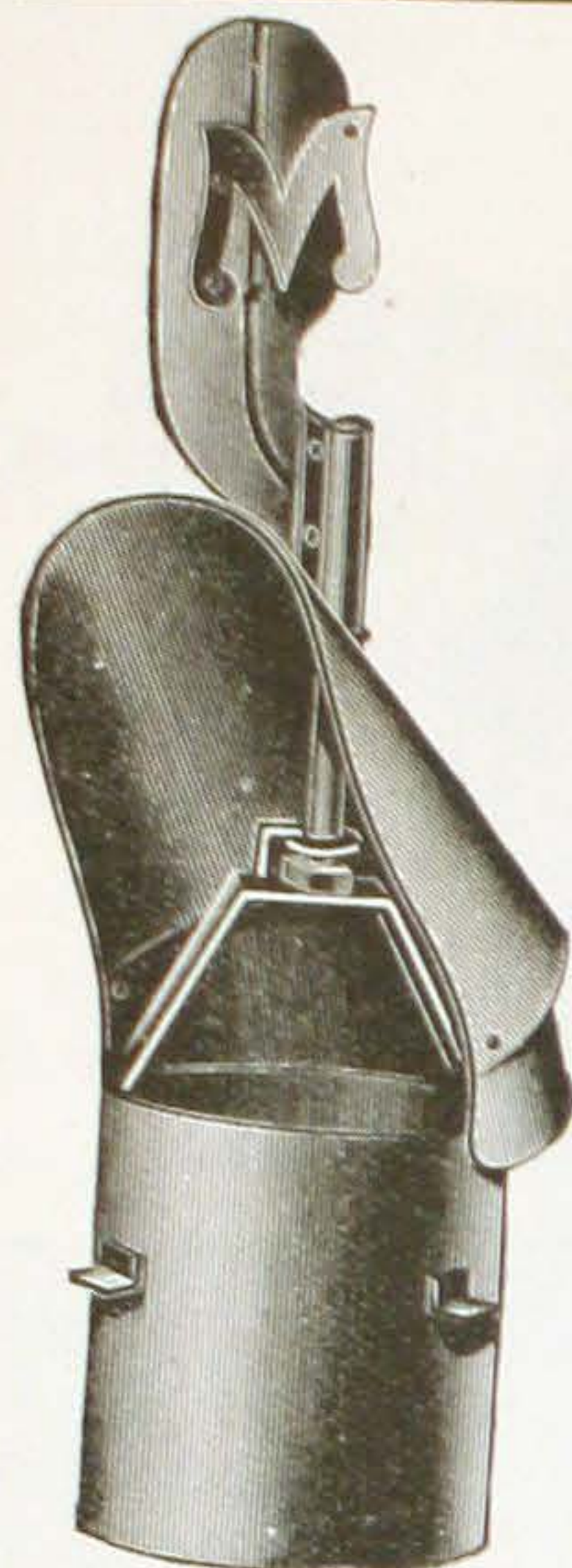


No. PHQ 4008/2

Square Base.

See above note re Roof Bases.

"A" Basis.



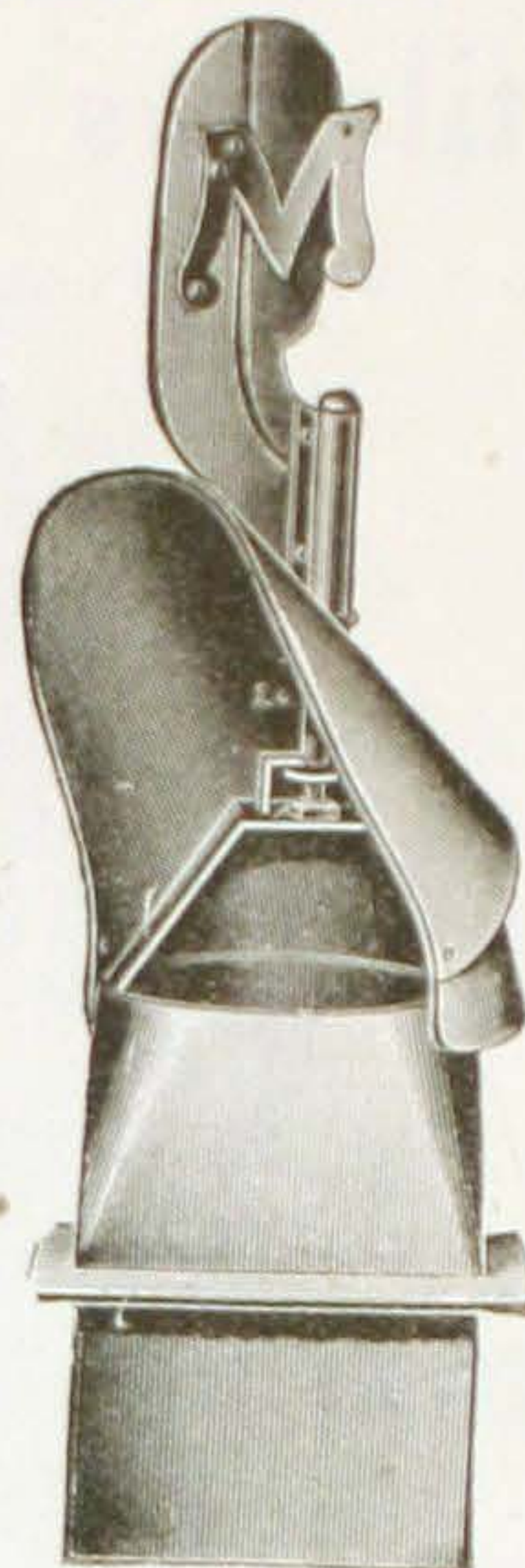
Pattern "D." No. PHS 4035.

Ventilators, Cowls,

Gratings, etc.

MONK COWLS.

Pattern "D" No. PHS 4035 Round.		Pattern "C" No. PHS 4034 Rectangular.	
6"	13/9 each.	6 1/2" x 8"	23/3 each.
6 1/2"	15/-	6 1/2" x 9"	24/6
7"	17/-	6 1/2" x 10 1/2"	26/-
7 1/2"	17/9	6 1/2" x 11"	28/9
8"	18/9	7" x 9"	28/9
8 1/2"	20/-	7" x 10 1/2"	29/9
9"	21/3	7 1/2" x 11"	31/3
9 1/2"	23/3	8 1/2" x 10 1/2"	31/3
10"	24/6	8 1/2" x 11"	34/-
10 1/2"	25/6	9" x 12"	36/6
11"	27/6	9" x 13"	36/6
11 1/2"	28/9	9 1/2" x 13 1/2"	39/-
12"	30/-	9 1/2" x 14"	42/6
	32/-	10" x 13 1/2"	42/6
	34/-	10" x 14"	42/6
	35/3	10" x 14 1/2"	46/3



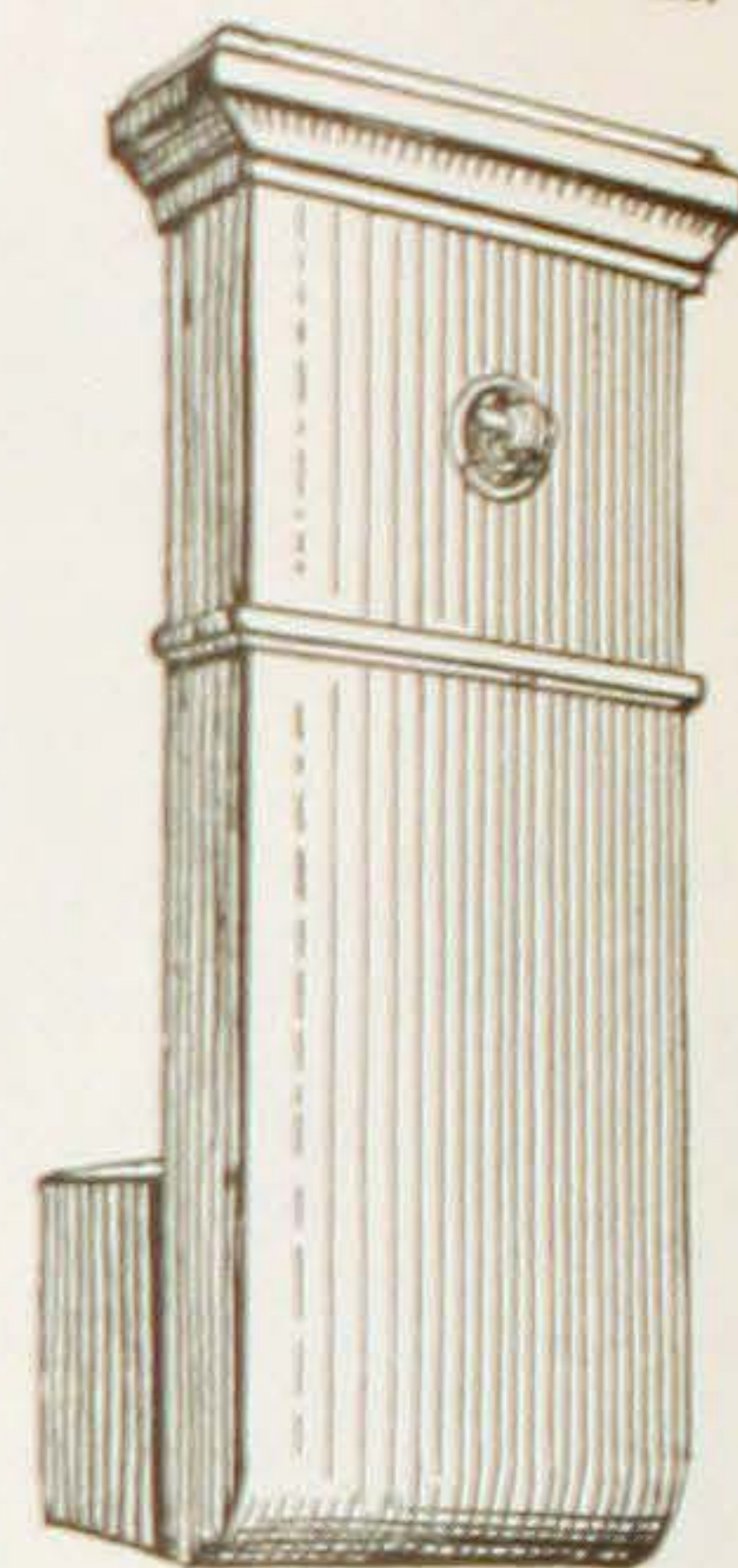
Pattern "C." No. PHS 4034.

On this page and the preceding page are shown but a few of the many types of Ventilators and Cowls we manufacture.

A separate list showing a more comprehensive range will be forwarded upon request.

Any size or pattern quoted for.

TOBIN'S VENTILATORS.



No. PHQ 4004

Size of Tube.	Size of Inlet. "A" Basis.	
18" x 9" x 3"	9" x 6"	18/-
24" x 9" x 3"	9" x 6"	18/-
30" x 9" x 3"	9" x 6"	21/-
36" x 9" x 3"	9" x 6"	23/-
42" x 9" x 3"	9" x 6"	25/-
48" x 9" x 3"	9" x 6"	27/6
54" x 9" x 3"	9" x 6"	30/-

AIR GRATINGS.

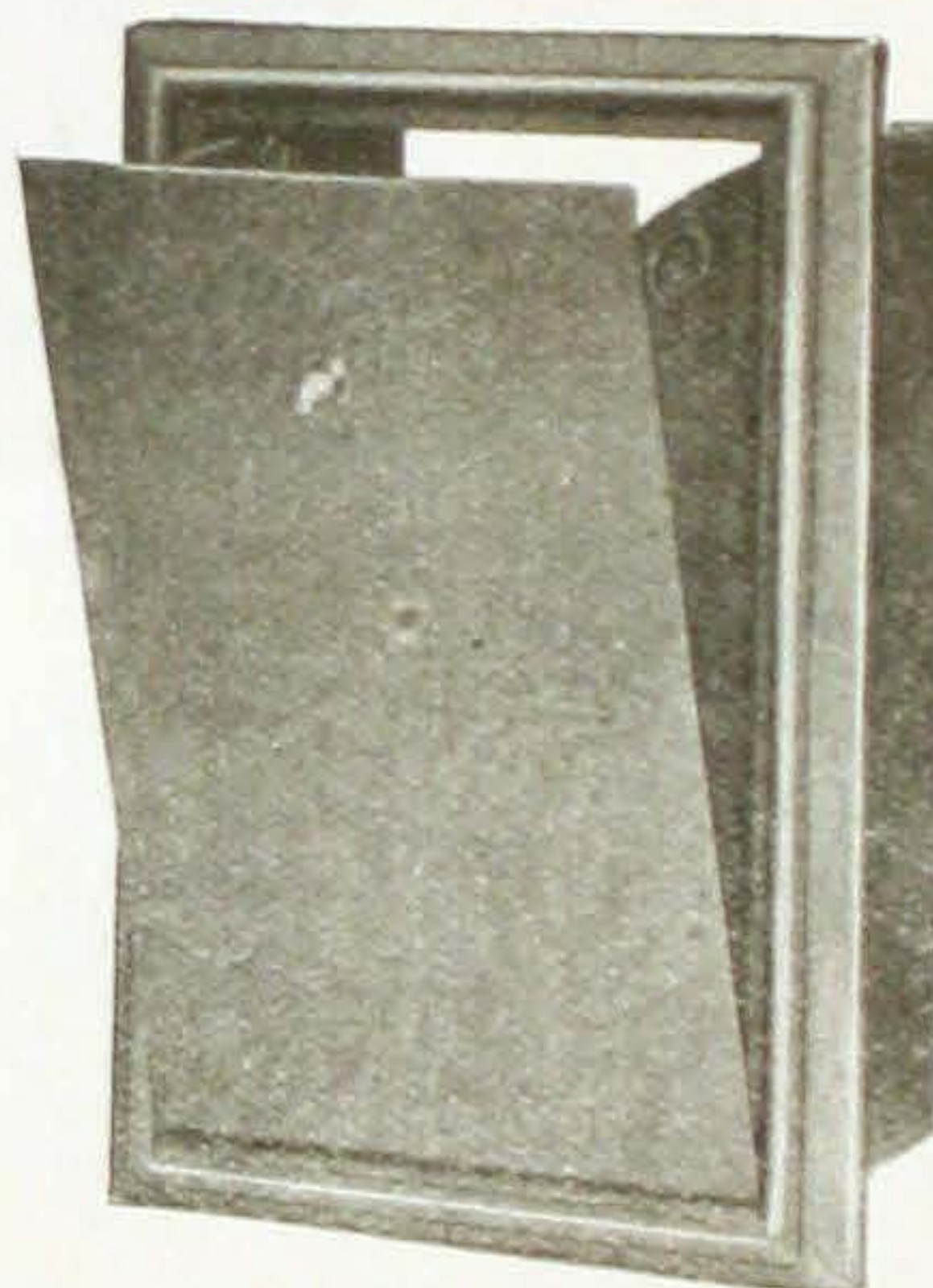


No. PHQ 4030. Closed.

WALL INLET VENTILATOR.

No. PHQ 4030	"A" Basis.	
Size of Panel.	Size of Inlet.	Price each.
11 1/2" x 8 1/2"	9" x 6"	12/-
11 1/2" x 11 1/2"	9" x 9"	13/6
14 1/2" x 11 1/2"	12" x 9"	14/6
14 1/2" x 14 1/2"	12" x 12"	15/6
16 1/2" x 11 1/2"	14" x 9"	16/6
20 1/2" x 11 1/2"	18" x 9"	18/-

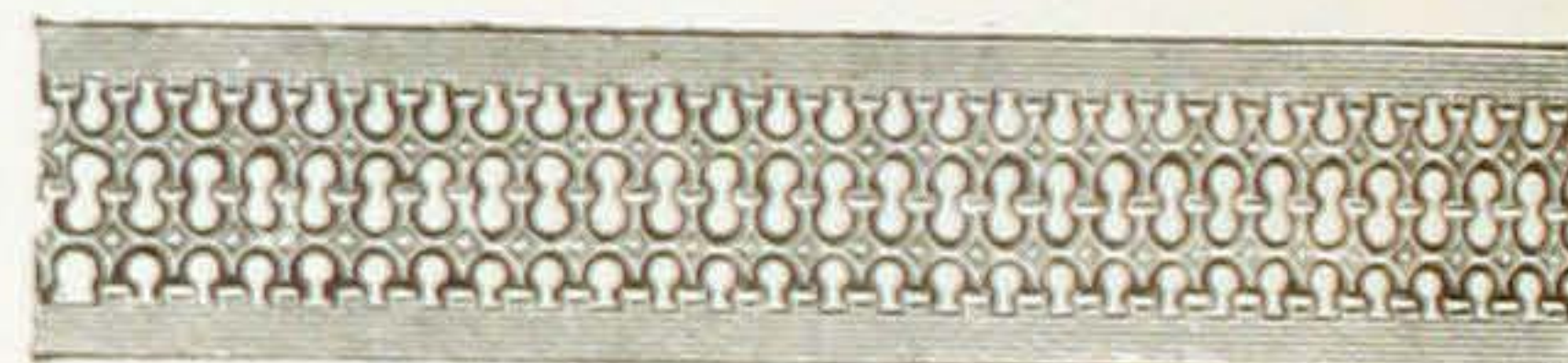
Other sizes quoted for upon receipt of particulars.



No. PHQ 4030 Open.



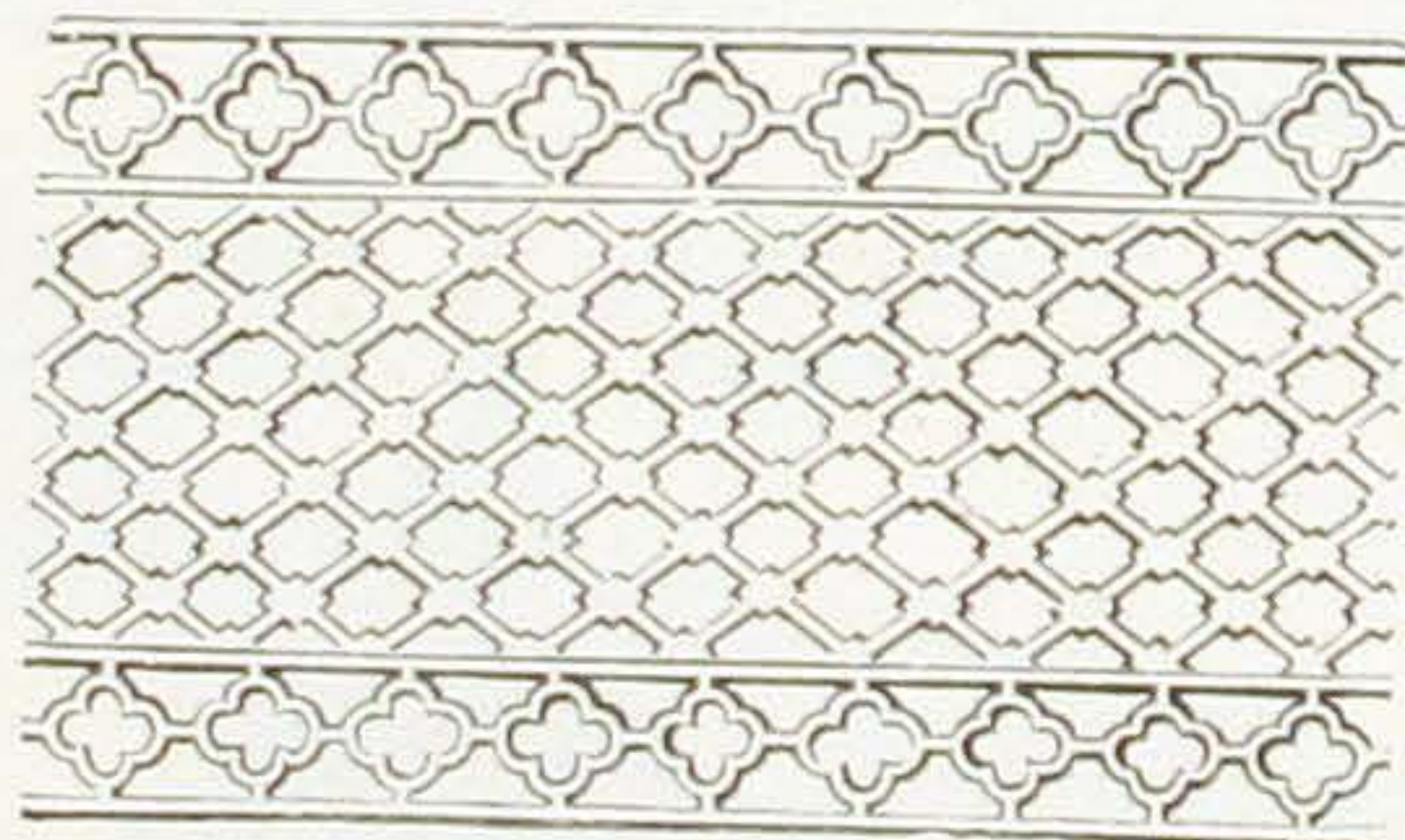
No. PHQ 3161 3" size. Prices below.



No. PHQ 3161 6" size. Prices below.

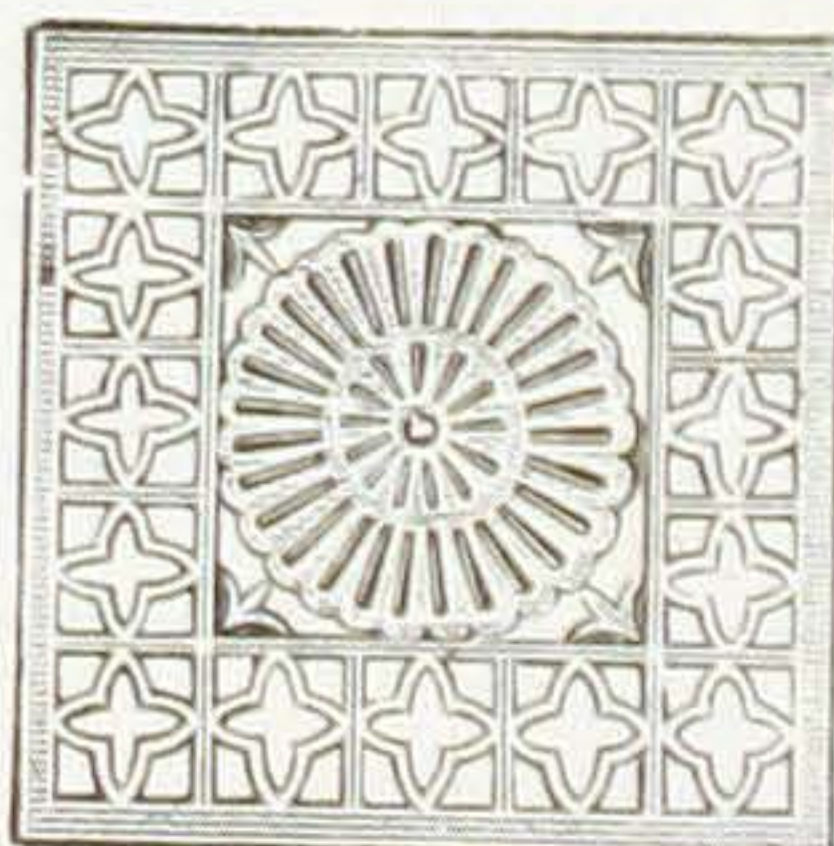
No. PHQ 3161	36"	42"	48"
3"	1/9	2/2	2/5 length.
3 1/2"	2/-	2/4	2/8
4"	2/9	3/2	3/7
4 1/2"	2/9	3/2	3/7
5"	3/2	3/8	4/2
6"	3/2	3/9	4/3

AIR GRATINGS.



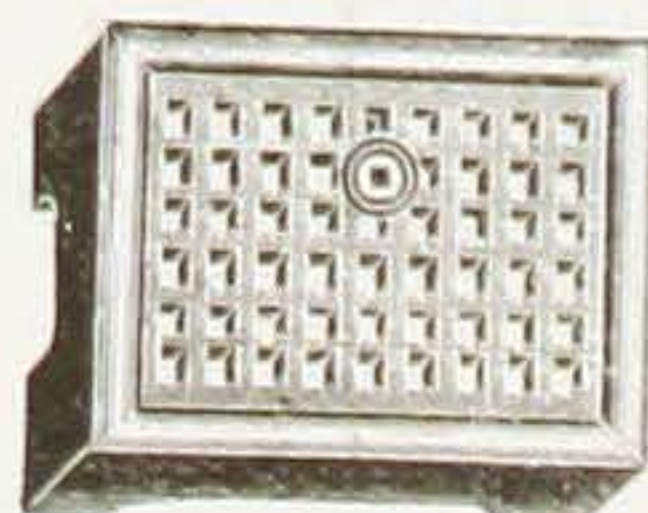
No. PHQ 3159

18" x 6"	4/8 per foot run.
21" x 6"	5/8
24" x 6"	8/-



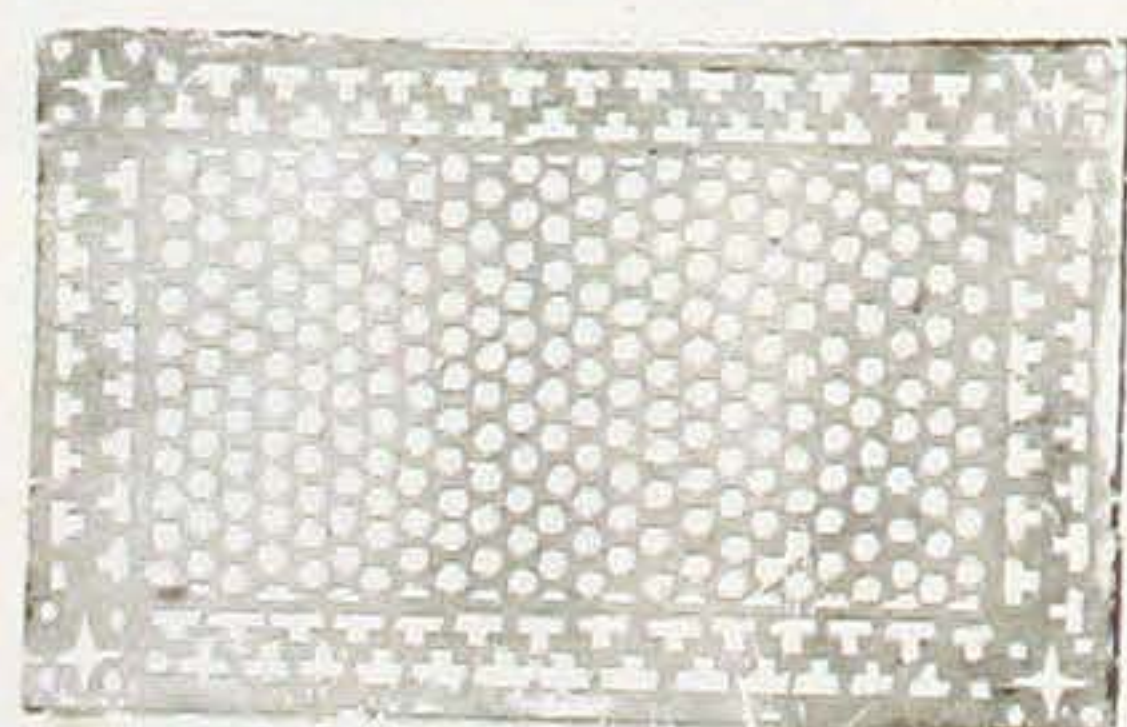
No. PHQ 3160

14" x 14" x 7/16"	5/3 each.
16" x 16" x 7/16"	6/4
18" x 18" x 7/16"	7/6
24" x 24" x 7/16"	17/9



No. PHQ 3166

Size.	Fitted with.	Plain.	Galvanized.
9" x 7"	Brass Lock	31/6	48/8 doz.
12" x 9"	Two Brass Screws	39/6	59/6
14" x 6"	"	43/9	66/3
14" x 10"	"	52/6	79/3



No. PHS 5245

1/2" thick. Air Grating.

Size	6" x 6"	9" x 6"	12" x 6"	14" x 7"	14" x 10"
Price	1/6	2/-	2/8	4/6	6/- each.
Size	18" x 9"	18" x 12"	24" x 10"	24" x 12"	24" x 14"
Price	6/9	7/6	9/9	10/6	12/- each.

"B" Basis except Nos. PHQ 4004 and PHQ 4030 which are "A" Basis.



No. PHQ 3165 VENTILATING GRATING.

With four screw holes. For fixing to woodwork of shop fronts.

Size	9" x 3"	9" x 6"	9" x 9"	12" x 9"	14" x 9"
Plain	6/8	8/9	14/-	16/8	20/3 doz.
Galvd.	11/6	14/-	18/6	28/-	31/6



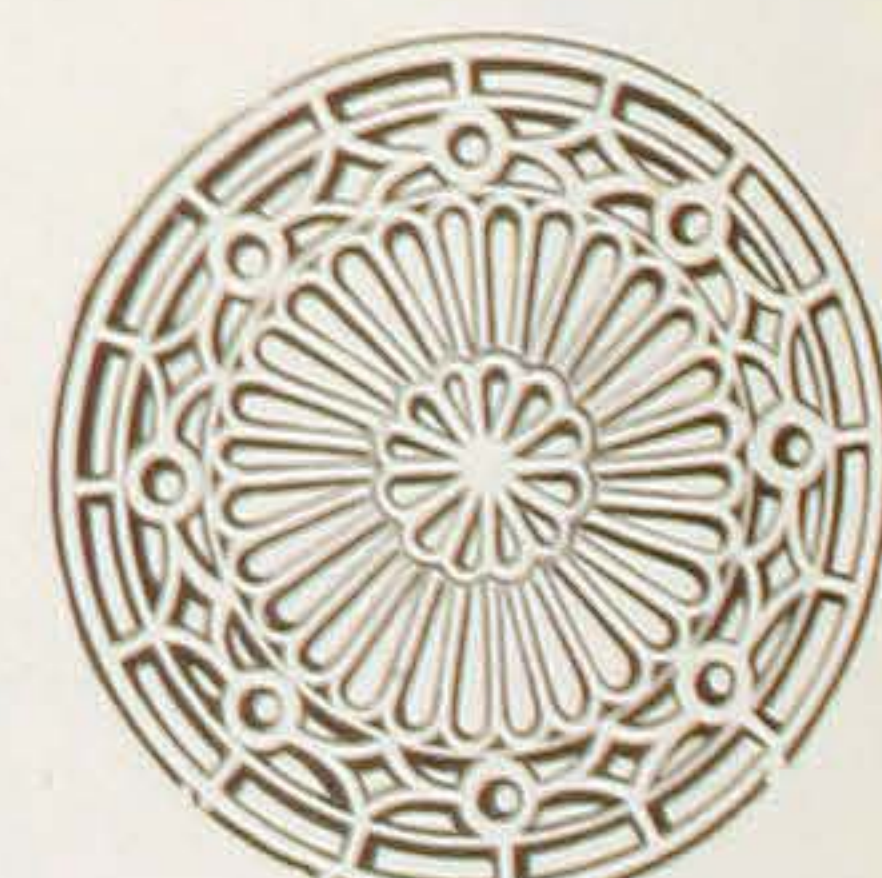
No. PHQ 3164

HIT AND MISS.

To screw on.

Dia.	7 1/2"	8"	14"	17"
Price	2/4	2/6	4/8	8/3 each.

Galvanising 100 per cent. extra.
Painting 5 per cent. extra.



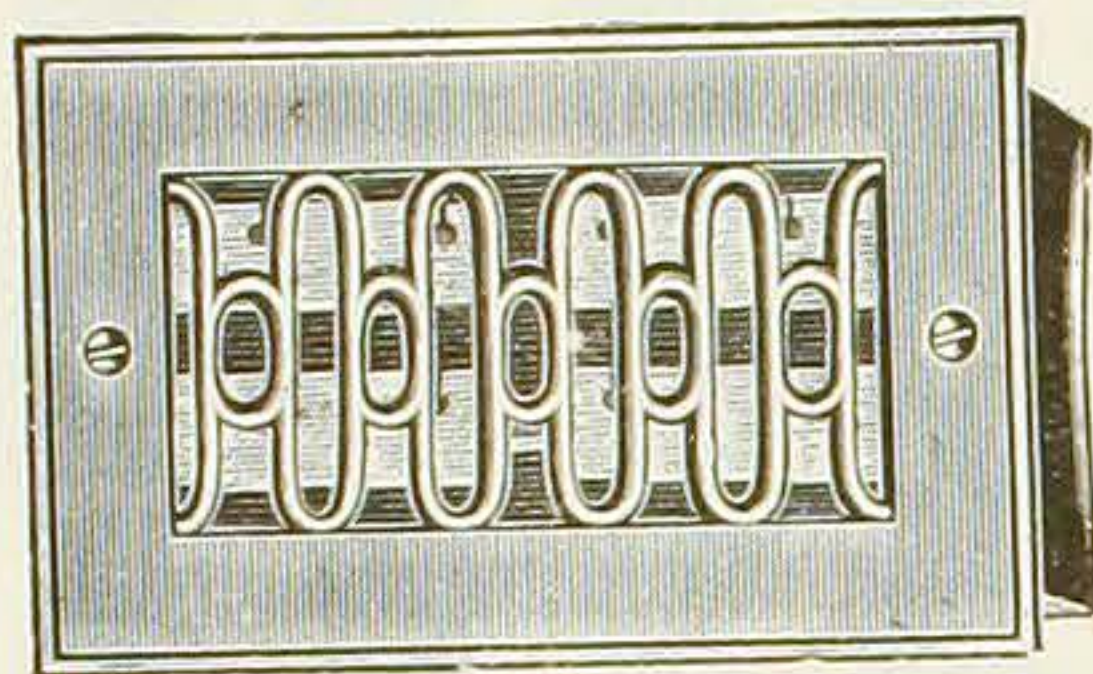
No. PHQ 3163

Size	12" x 1"		5/6 each.
"	16" x 1"		8/6
"	16" x 1 1/2"		5/-
"	18" x 1"		4/8
"	18" x 1 1/2"		5/9
"	20" x 1"		6/8
"	24" x 1"		8/-
"	24" x 1 1/2"		18/9
"	30" x 1"		18/6

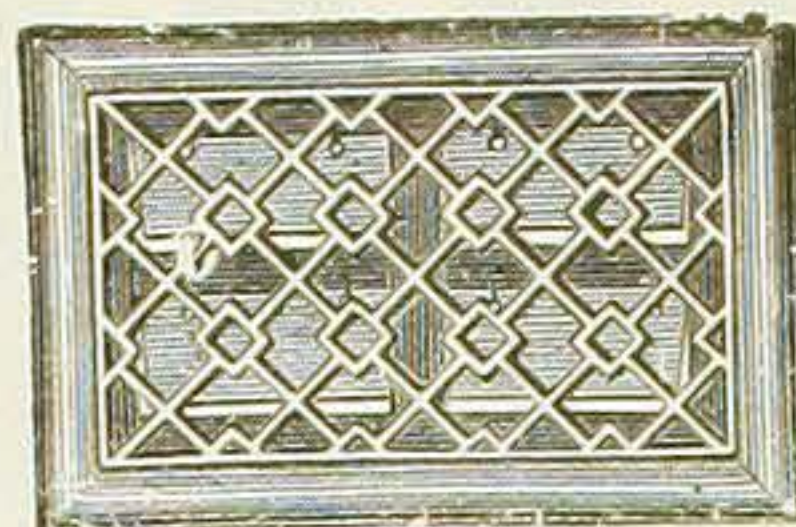
PHS—Stock lines in most sizes.
PHQ—Quick delivery.

Iron and Steel Ventilators.

MICA VALVE CHIMNEY BREAST VENTILATORS (Outlets)

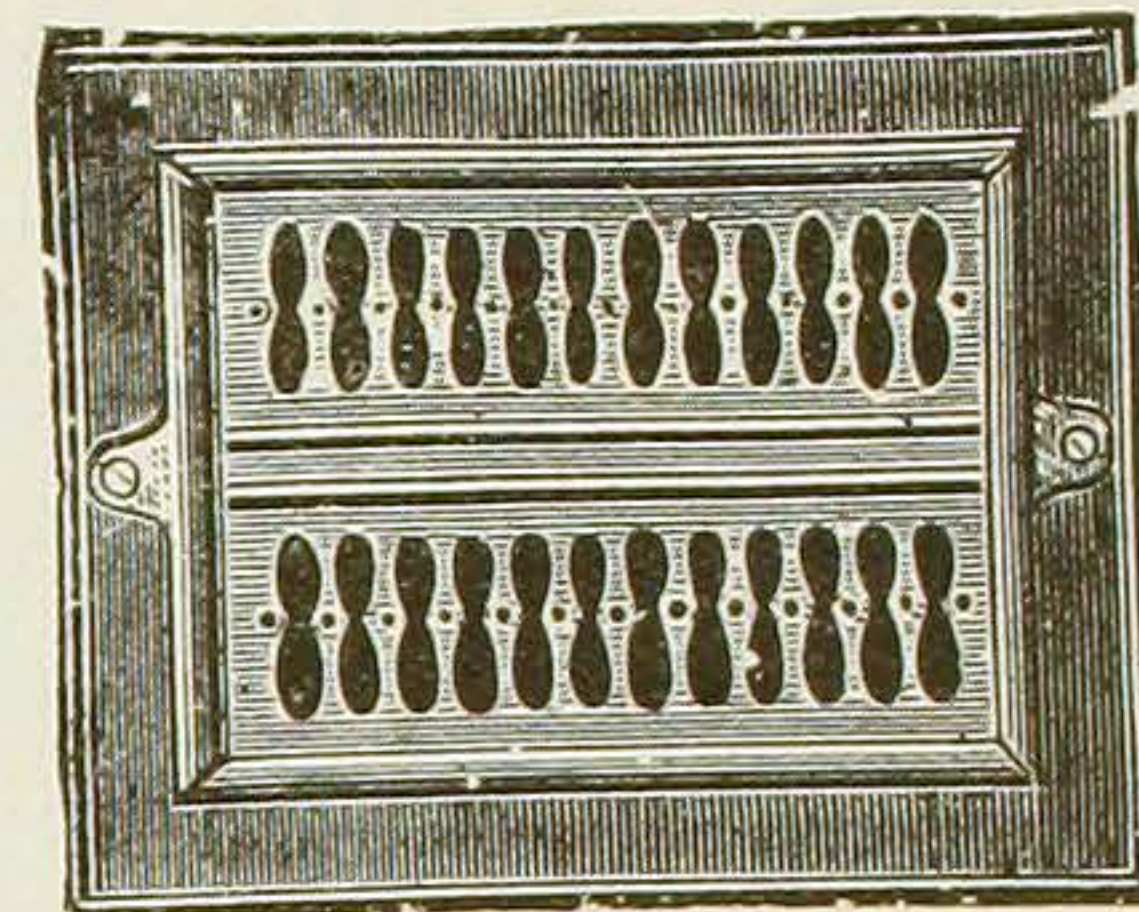


No. PHS 3380		Plain Iron Front.	
Front Measure	11" x 5"	9" x 3"	11" x 5"
Back Measure	4/6	7/-	10/3
Plain Iron	10/9	15/-	18/9
Plain Iron Hit and Miss Front	5/9	8/-	12/-
Plain, Japanned Bronzed Front	7/-	9/3	13/3
White and Gold Front	8/-	12/-	16/-
No. PHS 3381	Plain, Brass Trellis Fronts	22/9	28/6
	" Hit and Miss Trellis Fronts		37/6



No. PHS 3381

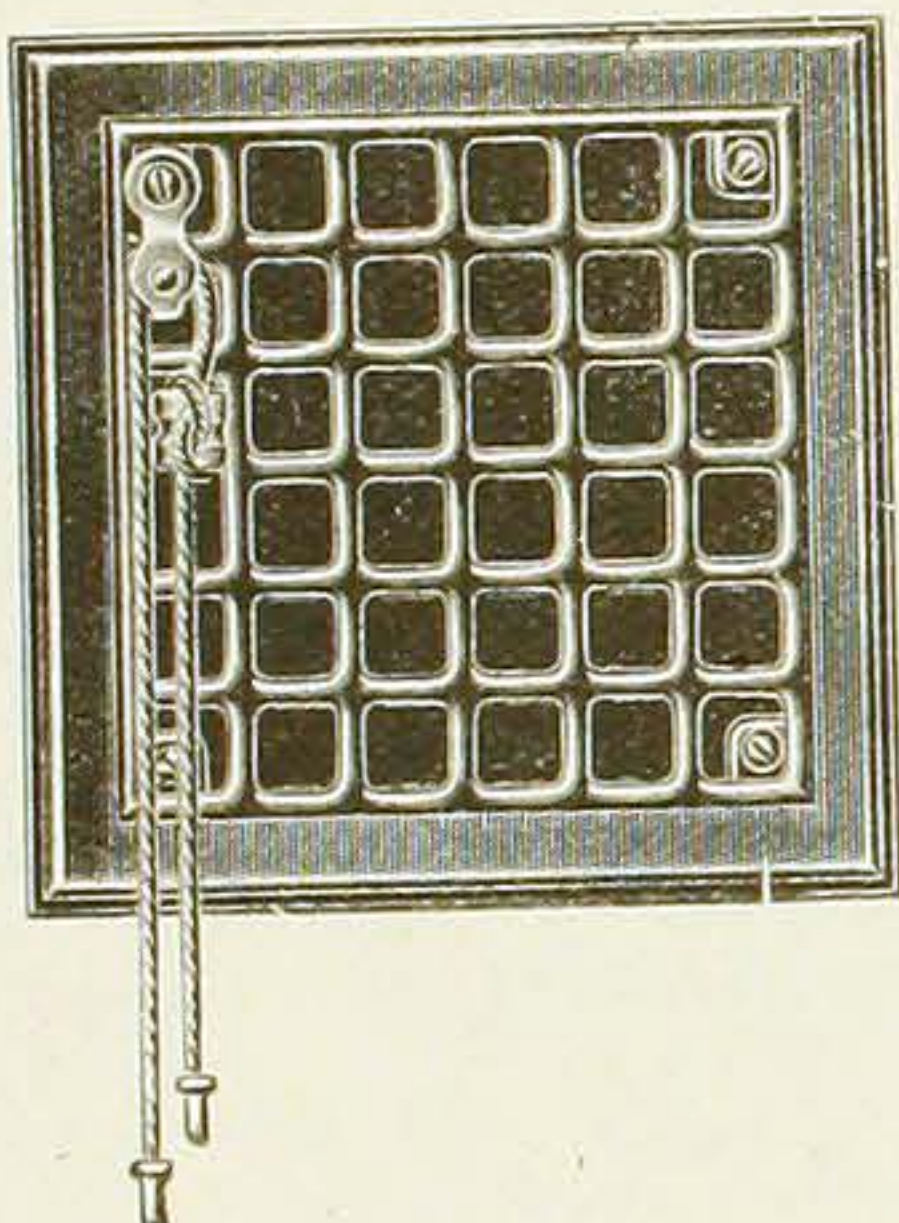
Brass Trellis Front.		11" x 11"	
11" x 7"	11" x 9"	11" x 11"	16" x 11"
9" x 5 1/2"	9" x 7 1/2"	9" x 9 1/2"	13 1/2" x 9 1/2"
18/3 each.			
25/6			
20/6			
22/9			
28/6			
52/6			



No. PHS 3386..

Plain Iron or Brass Trellis Front		11" x 11"	
Front Measure	11" x 5"	11" x 8 1/2"	11" x 11"
Back Measure	9" x 3"	9" x 6"	9" x 9 1/2"
Plain Iron	5/2	9/2	11/-
Japanned Bronzed	6/-	10/8	13/4
Brass Trellis Front	12/-	21/3	31/6

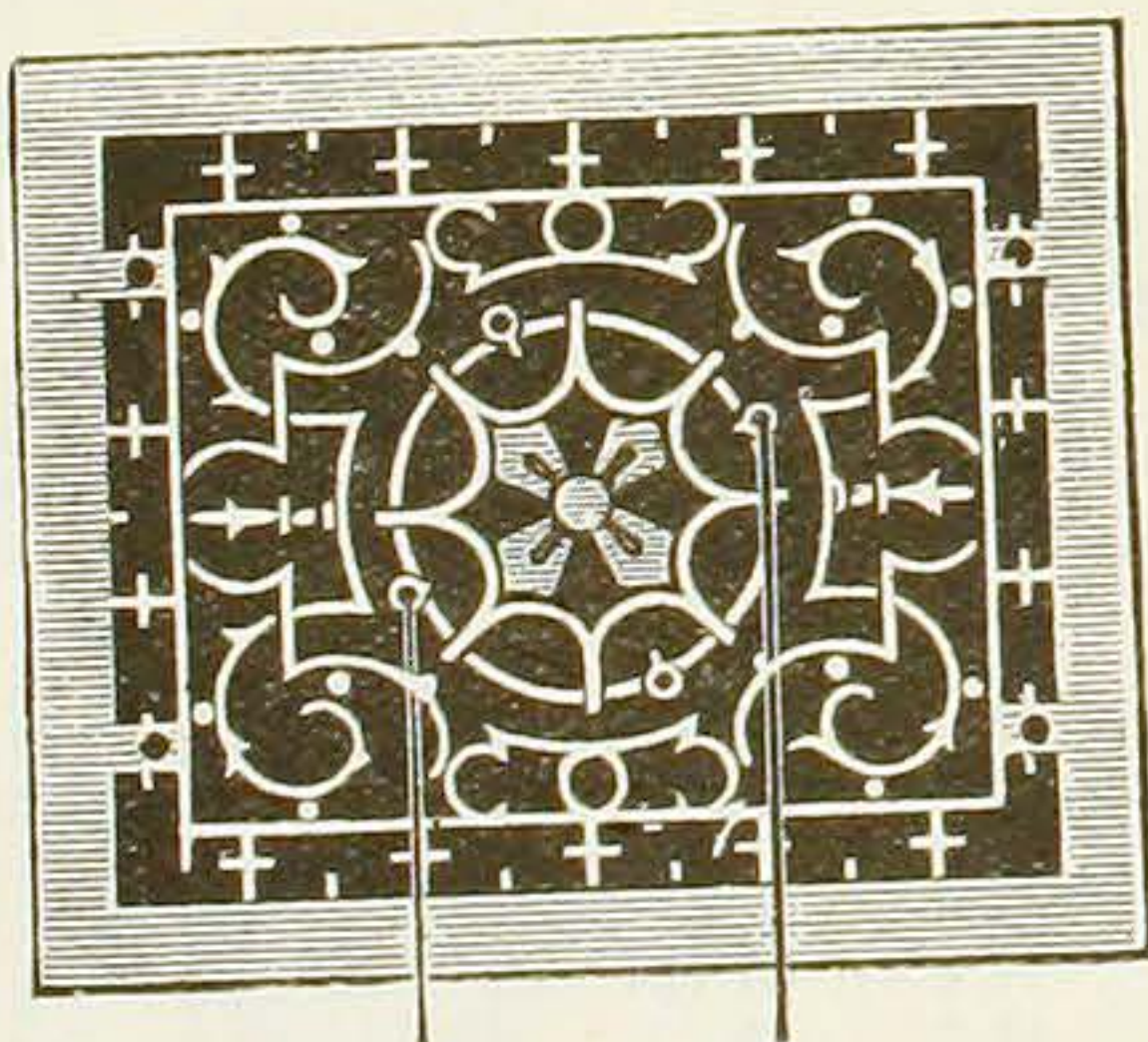
WROUGHT STEEL LOUVRE VENTILATOR.
Unbreakable. Japanned Black.



No. PHS 3393		Plain Lattice Design	
Size	6" x 6"	6" x 8"	6" x 9"
Black Japanned	8/3	8/6	8/9
White Japanned	10/2	10/6	11/-
Size	9" x 9"	9" x 12"	10" x 10"
Black Japanned	11/-	11/6	13/-
White Japanned	13/2	14/-	15/8
Size	12" x 12"	12" x 14"	
Black Japanned	22/-	24/-	each.
White Japanned			

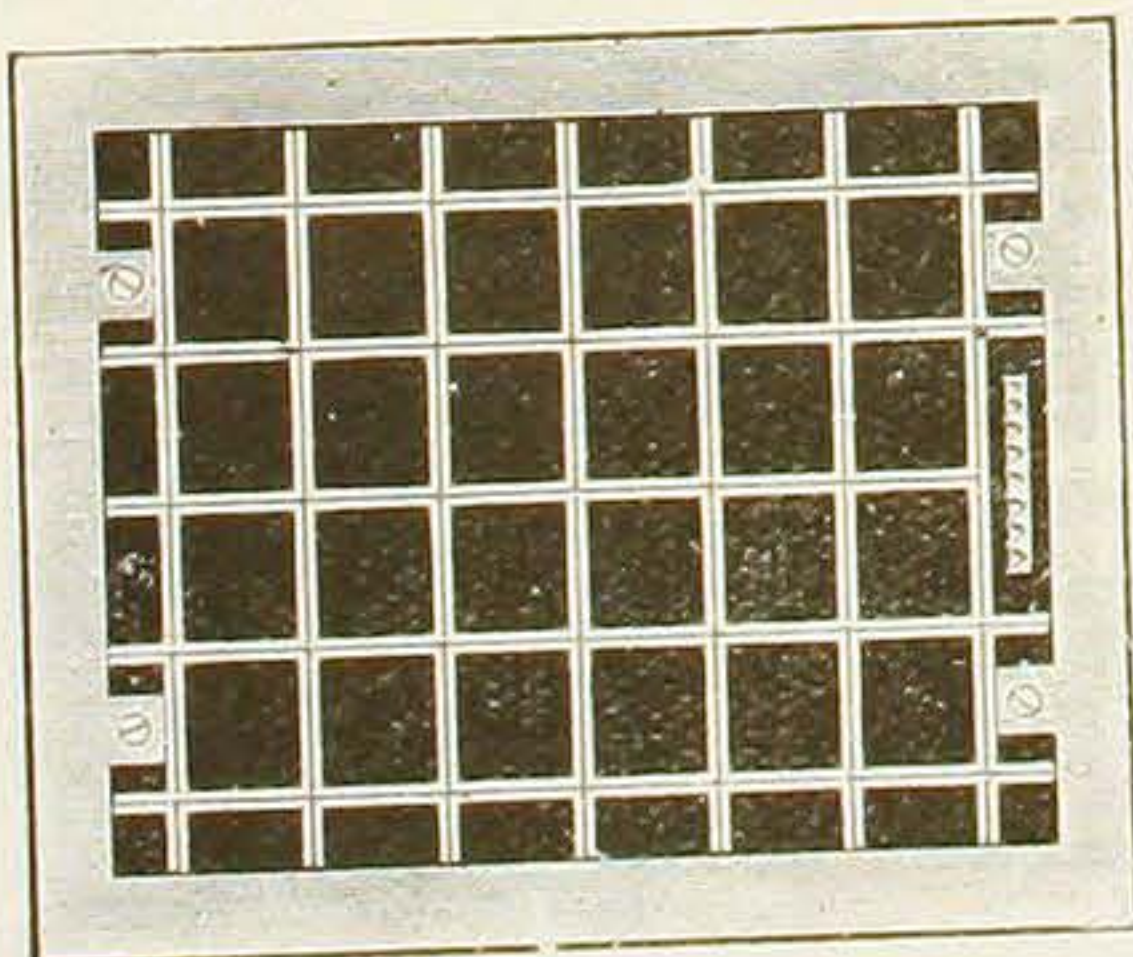
Brass Pulleys, 6d. each extra.

THE "UNIVERSAL."



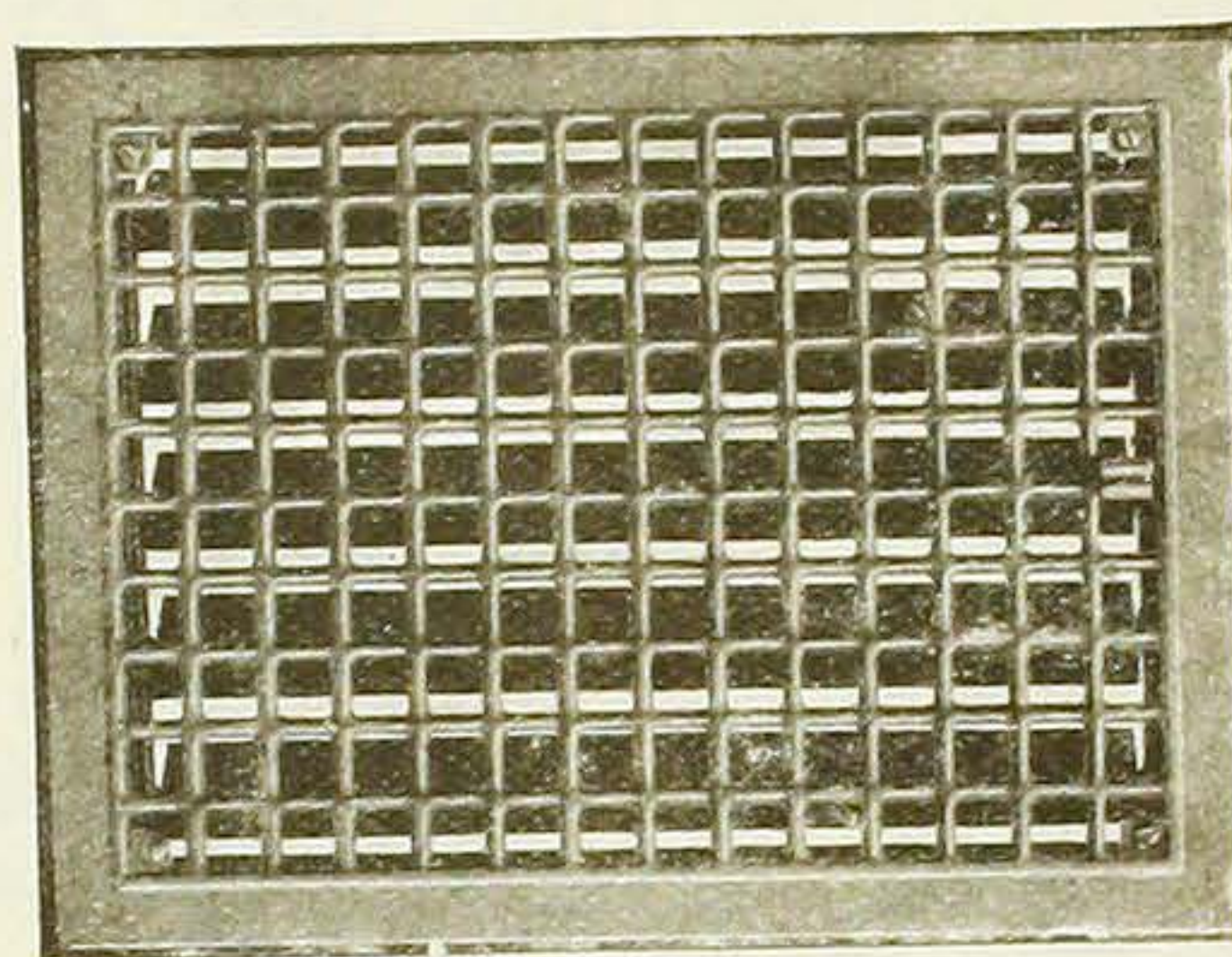
No. PHS 3385		Brilliant Design. Self-Indicating.	
Cast Iron.	10" x 8"	12" x 10"	14" x 12"
Front Size	8" x 6"	10" x 8"	12" x 10"
Box Size	11/6	15/-	22/-
Enamelled Black	15/-	22/-	29/-
Ditto and Gold			36/-

THE "SOUTHWARK"



No. PHS 3394		Black Enamel.	
These "Louvre" Ventilators serve for either "Inlet" or "Outlet," by reversing when fixing.			
Front Measure	10" x 8"	11" x 8"	12" x 10"
Back Measure	8" x 6"	9" x 6"	10" x 8"
Black Enamelled	7/8	8/-	8/2
			11 6 each.

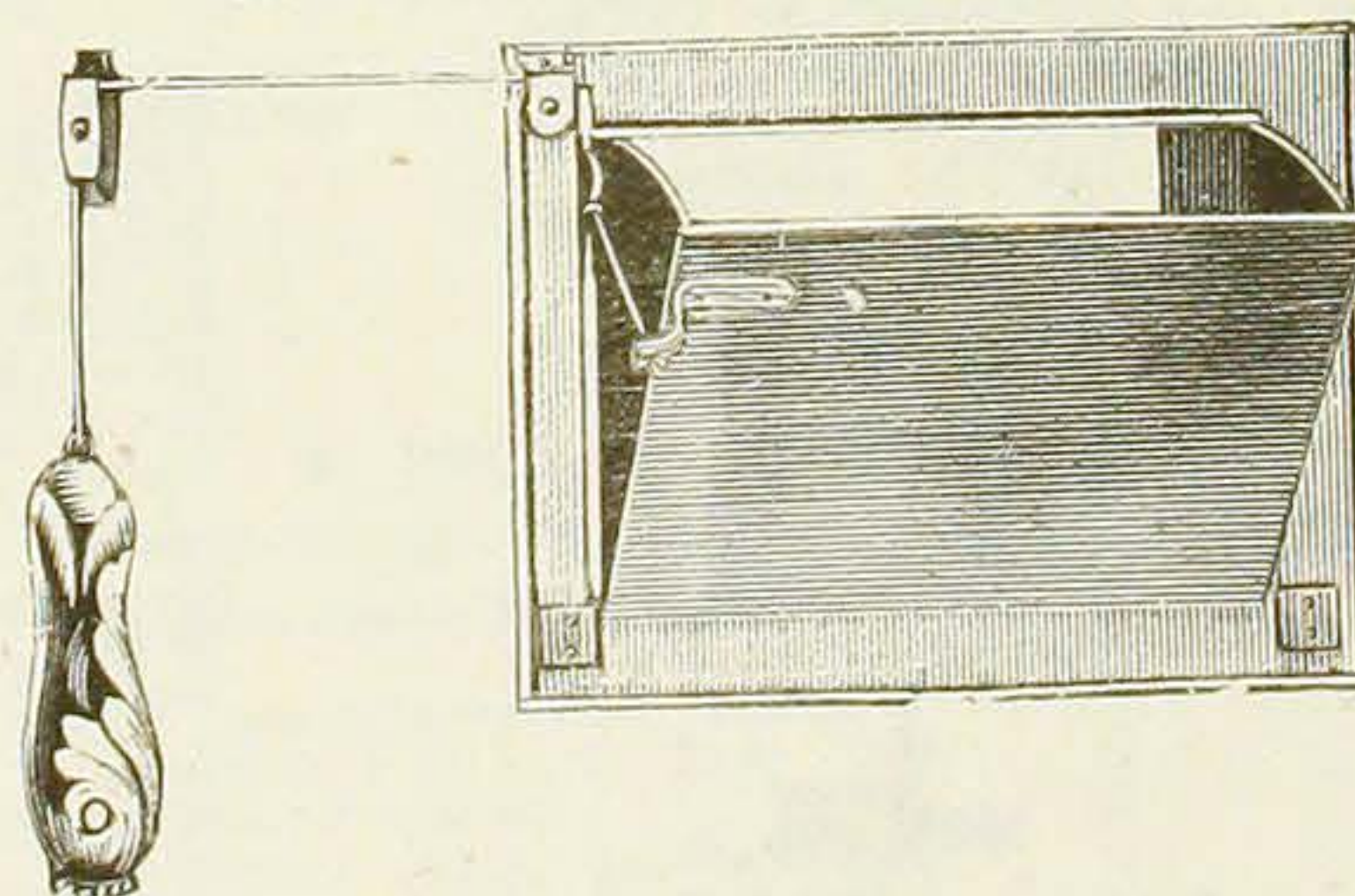
PLAIN LATTICE DESIGN CAST IRON LOUVRE VENTILATOR



No. PHS 3392

Priced each.		6" x 12"	
Size	6" x 8"	6" x 9"	6" x 10"
Japanned Black	9/4	10/-	11/9
Japanned White	10/6	11/-	12/9
Size	6" x 18"	8" x 12"	8" x 14"
Japanned Black	18/6	13/6	15/10
Japanned White	19/9	14/6	18/9
Size	9" x 14"	9" x 18"	10" x 10"
Japanned Black	13/6	18/-	18/3
Japanned White	14/6	19/3	20/6
Size	10" x 16"	10" x 18"	12" x 12"
Japanned Black	19/9	24/6	19/3
Japanned White	21/-	25/6	20/3
Size	14" x 18"	16" x 18"	18" x 24"
Japanned Black	32/9	43/9	60/9
Japanned White	33/9	44/9	62/-

SHERINGHAM'S VENTILATORS.

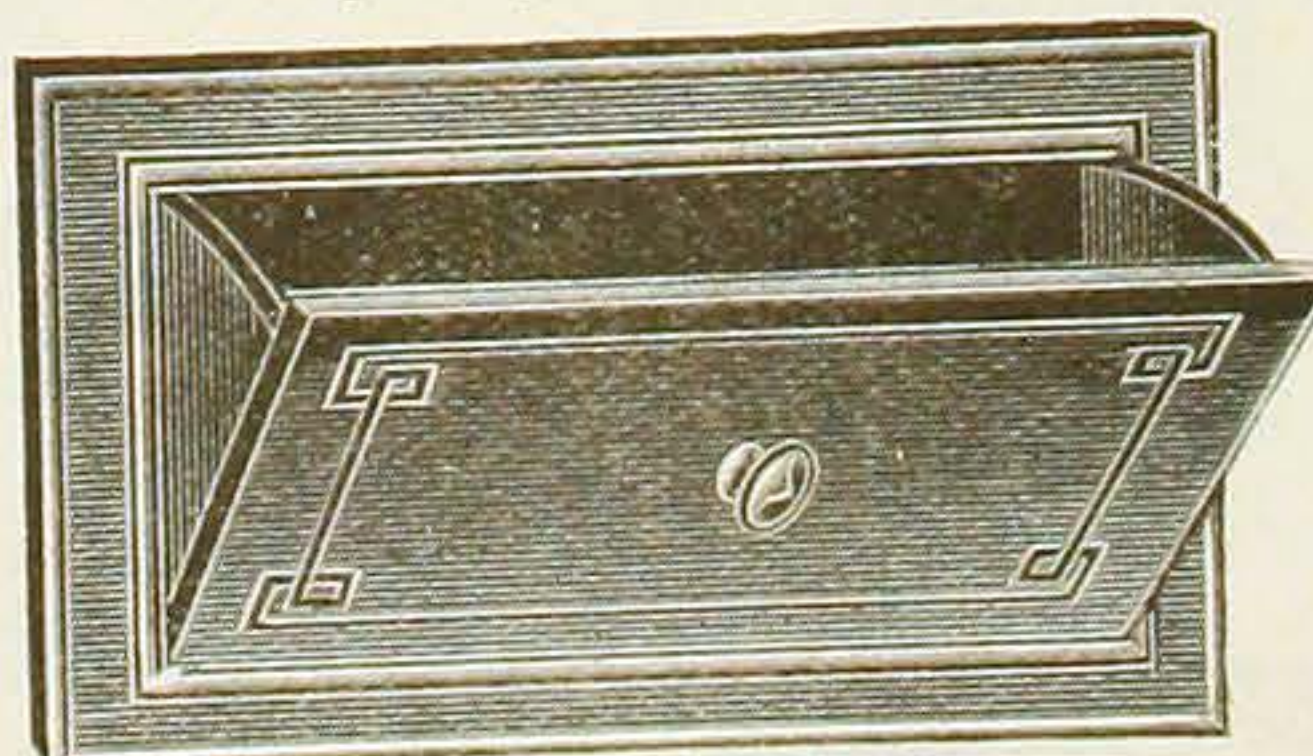


No. PHS 3383 Inlet.

Supplied with balance weight complete.

Front Measure	11 1/2" x 5 1/2"	11 1/2" x 8 1/2"	16" x 8 1/2"	19" x 13"	10 1/2" x 10 1/2"
Back Measure	9" x 3"	9" x 6"	13 1/2" x 6"	14" x 9"	9" x 9"
Price	6/4	8/9	11/6	24/-	11/6 each.

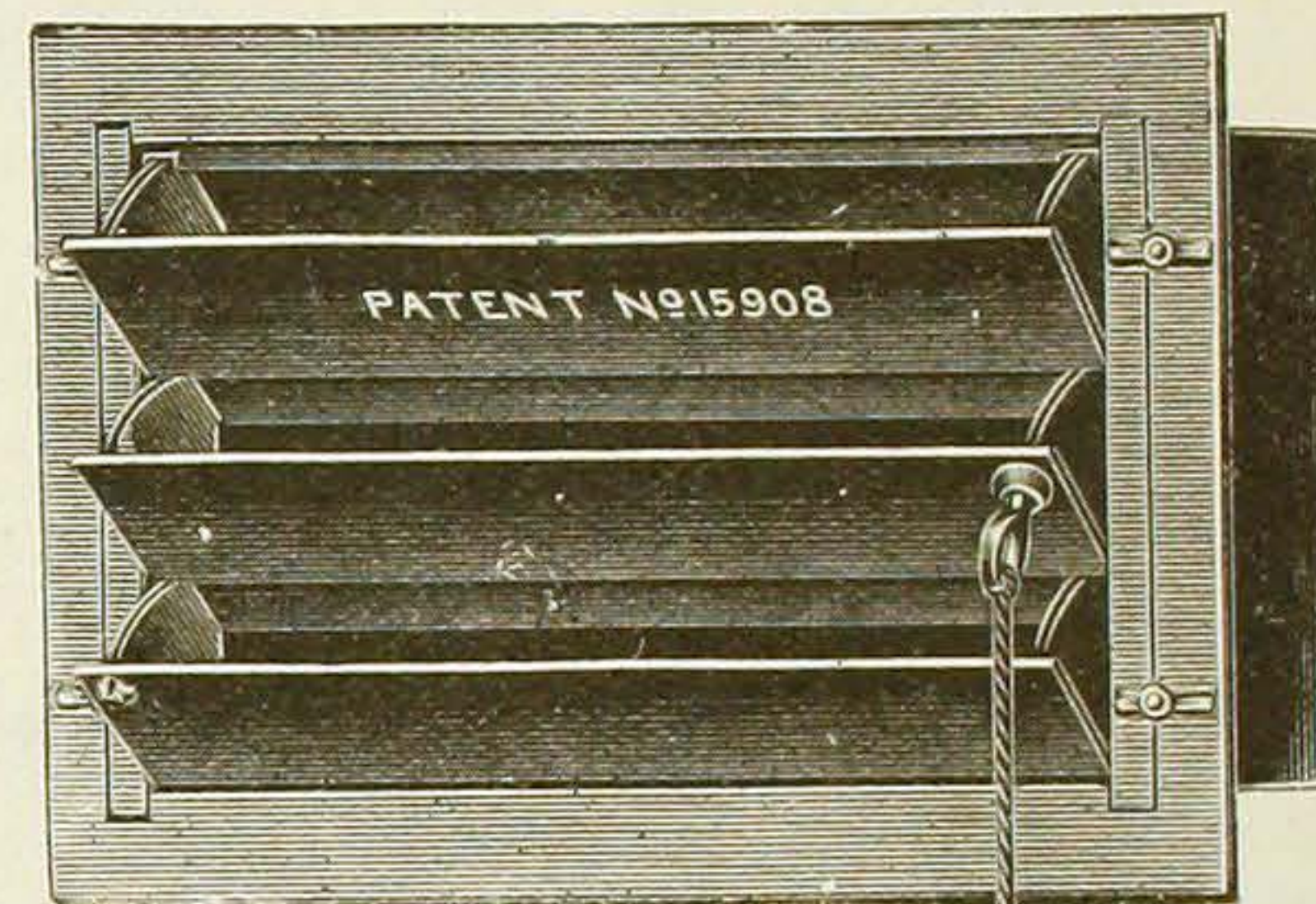
THE IMPROVED SHERINGHAM.
No weight required. Automatic.



No. PHS 3376 Inlet.

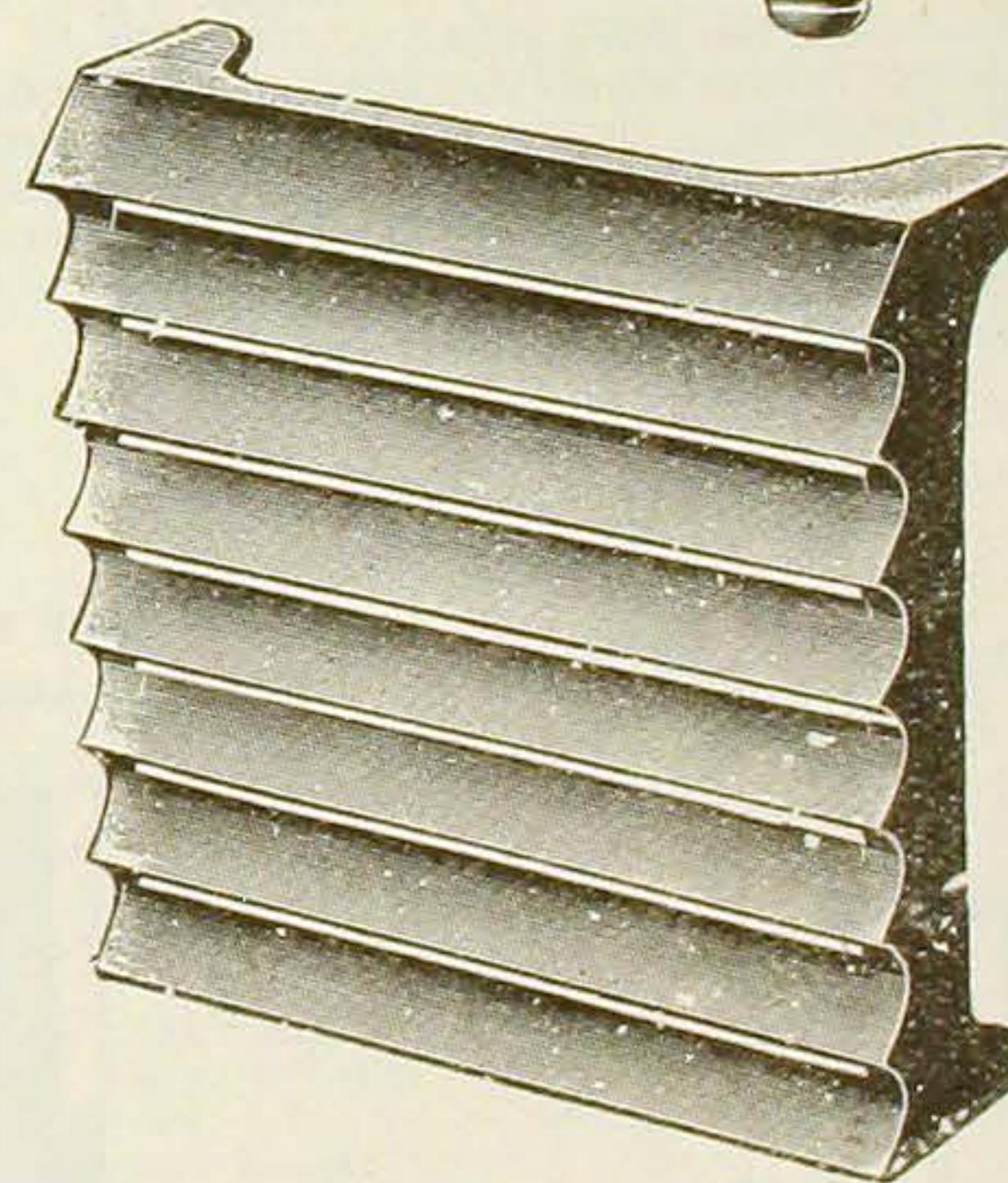
Size	9" x 6"	13 1/2" x 6"
Price	11/6	17/6 each.

AUTOMATIC LOUVRE VENTILATOR (Patent).



No. PHS 3379 Inlet.

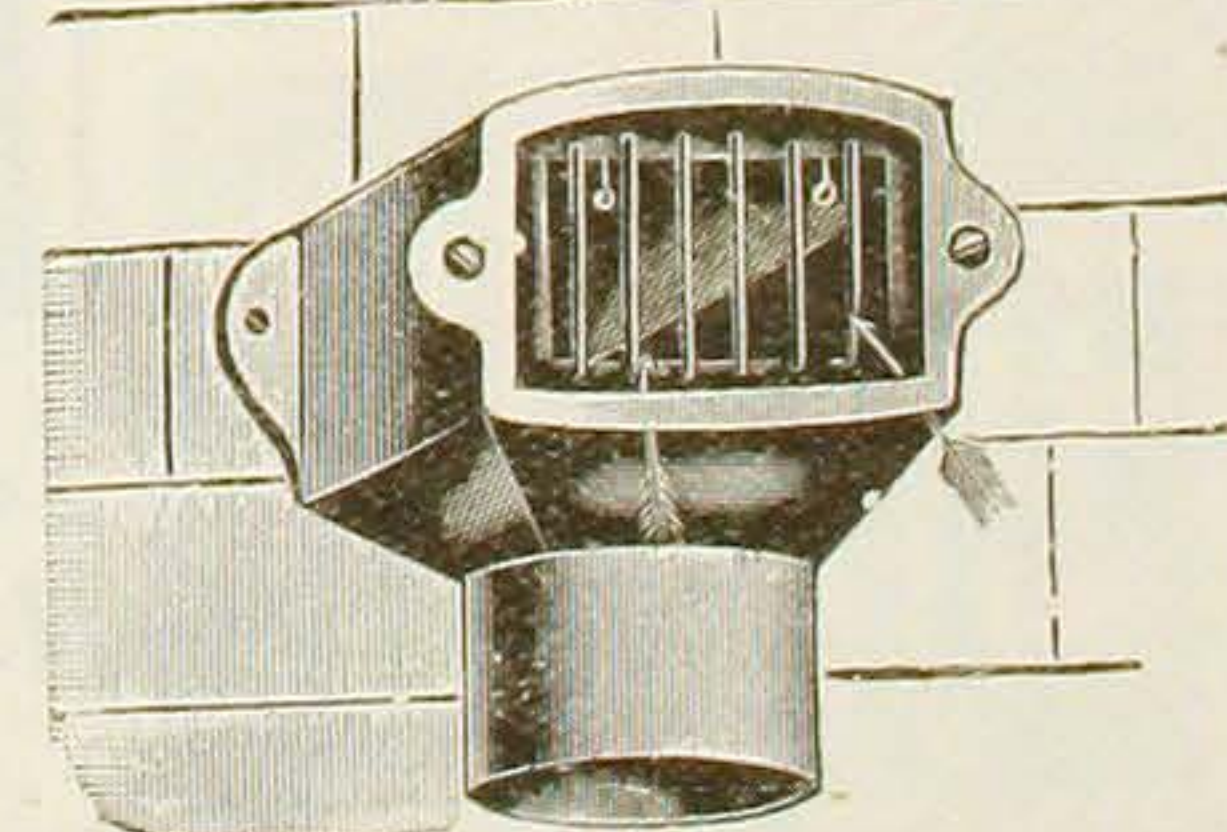
Size of Box.		Each.	
9" x 3"	4 1/2"	7/6	
9 1/2" x 6 1/2"	4 1/2"	9/9	
9" x 10" x 6"		12/-	
14" x 10" x 6"		14/-	
18" x 10" x 6"		18/6	



LOUVRE AIR BRICKS. No. PHS 5242

Size		9" x 9"	
Painted	8/-	14/-	24/6
Galvanized	12/-	21/-	37/9
Size	12" x 9"	12" x 12"	14" x 9"
Painted	26/3	42/-	47/3
Galvanized	40/9	61/3	69/3

Stocked Painted only.



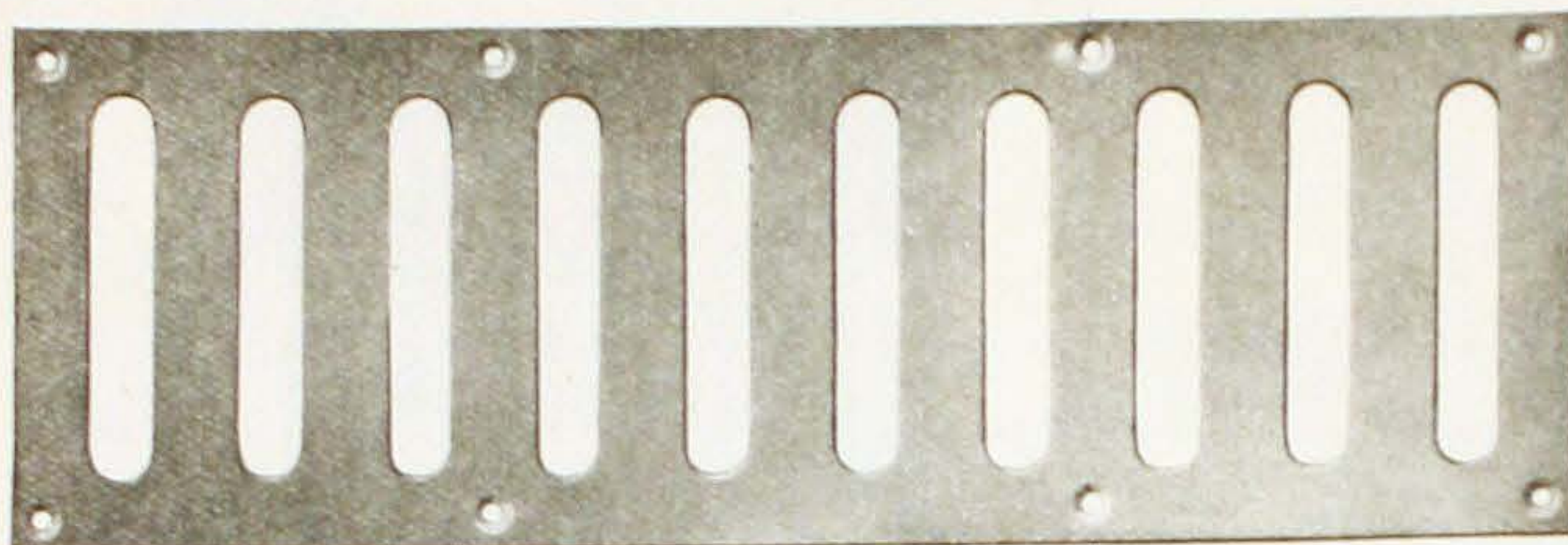
MICA VALVE INLET VENTILATOR FOR DRAINS.
No. PHS 3388

Improved Hanging. Brass Front. Galvanized.		doz.	
4" fitted with Stamped Brass Fronts		47/3	4/3
4" " " Cast		57/9	5/-
6" " " " "		189/-	16/-

"B" Basis.

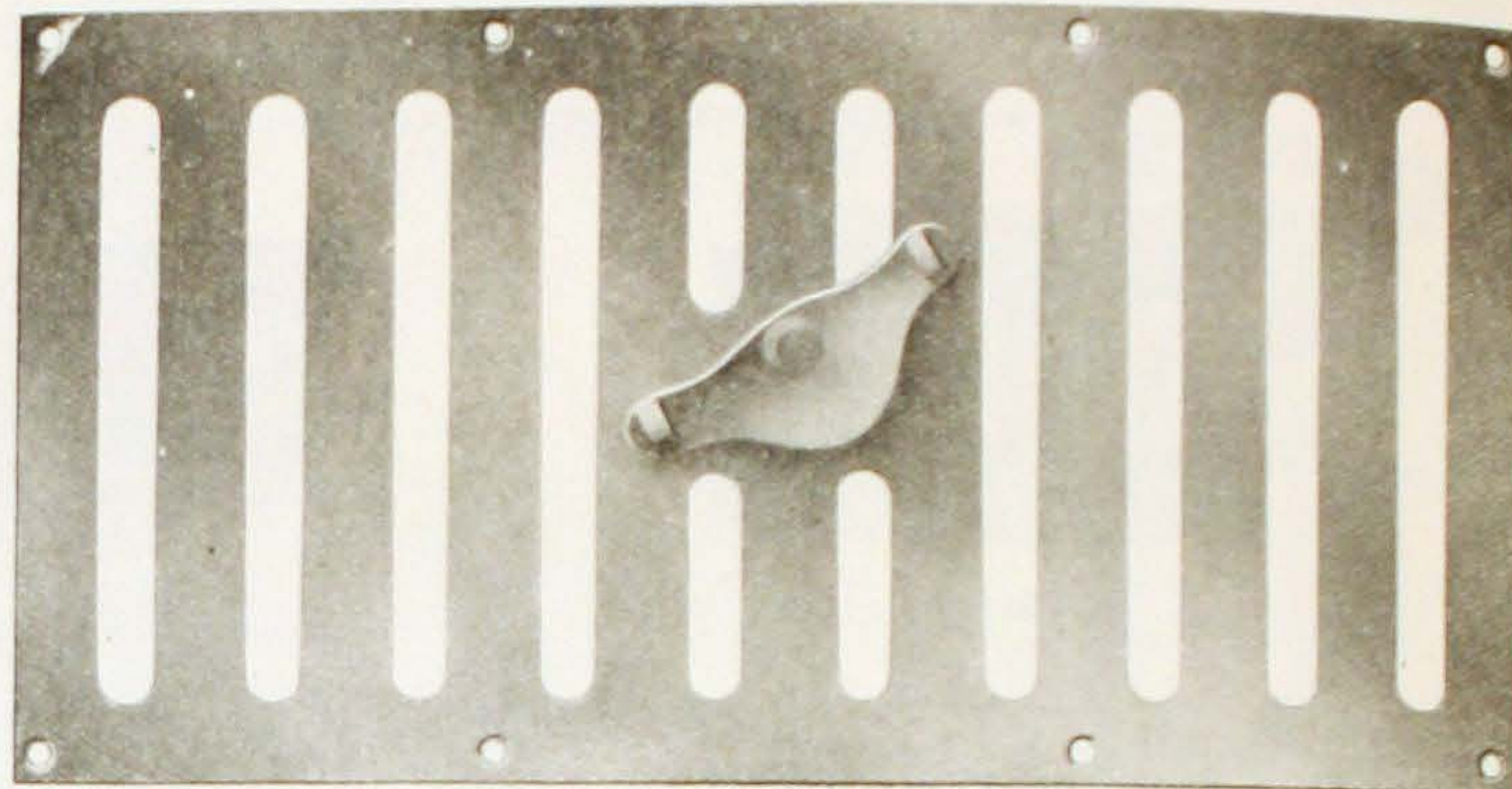
PHS—Stock Lines in most sizes.

Ventilators



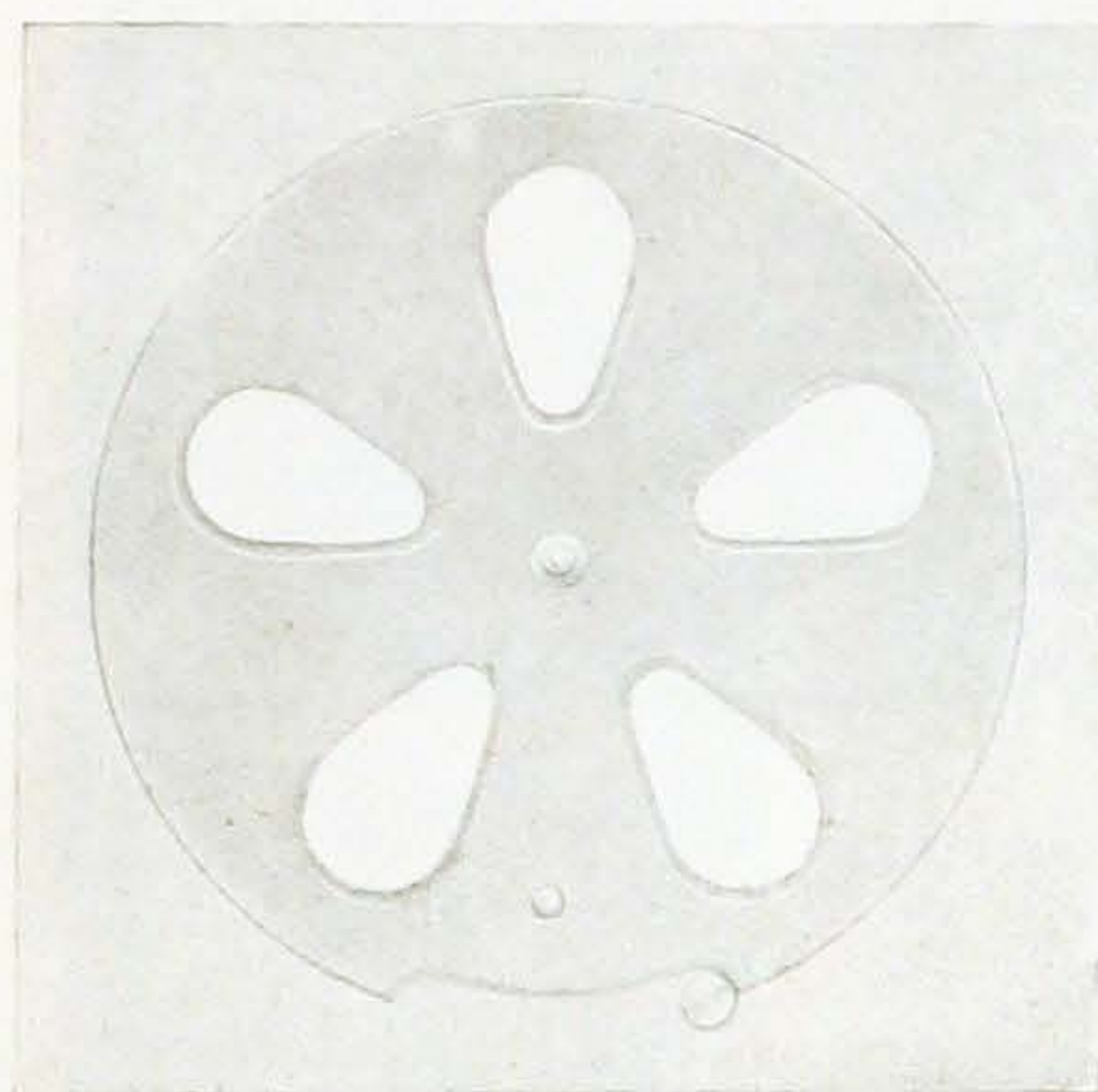
No. PHQ 3395
MACHINE-MADE BRASS VENTILATING GRATING (Polished).
Size 6" x 3" 6" x 3 1/2" 9" x 3" 9" x 3 1/2" 9" x 4 1/2" 9" x 6" 9" x 9" 12" x 3" 12" x 4 1/2"
1/8 1/9 2/1 2/4 3/3 3/10 6/7 3/6 4/5 each.
12" x 6" 12" x 9" 5/7 7/4 each.

No. PHQ 3396
CAST BRASS VENTILATING GRATING.
Size 9" x 3" 9" x 6" 10" x 4" 12" x 3" 12" x 6"
3/6 4/10 5/3 4/10 8/9 each.



Cast Brass, Sanded "Hit and Miss" Ventilators.
No. PHQ 9210 FLUSH SLIDE.
Size 9" x 3" 9" x 6" 10" x 4" 12" x 3" 12" x 6"
8/- 15/9 14/- 10/6 21/6 each.

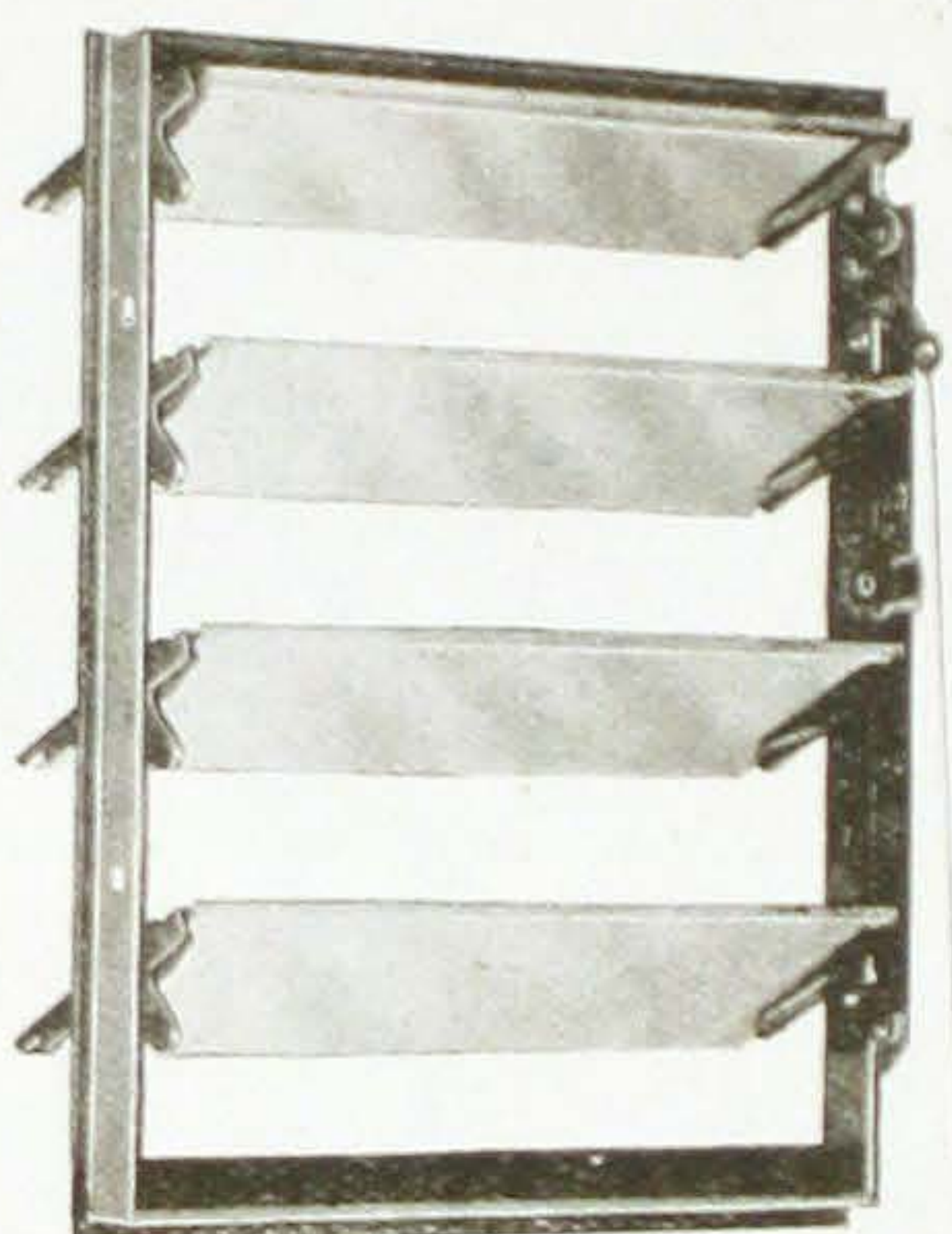
No. PHQ 3398 Machine Made Brass "Hit and Miss" Ventilators.
Size 6" x 3" 9" x 3" 9" x 4 1/2" 9" x 6" 9" x 9" 12" x 3" 12" x 4 1/2" 12" x 6" 12" x 9"
4/6 5/9 7/6 9/8 11/10 8/9 10/6 12/3 18/6 each.



Open.

No. PHQ 3372

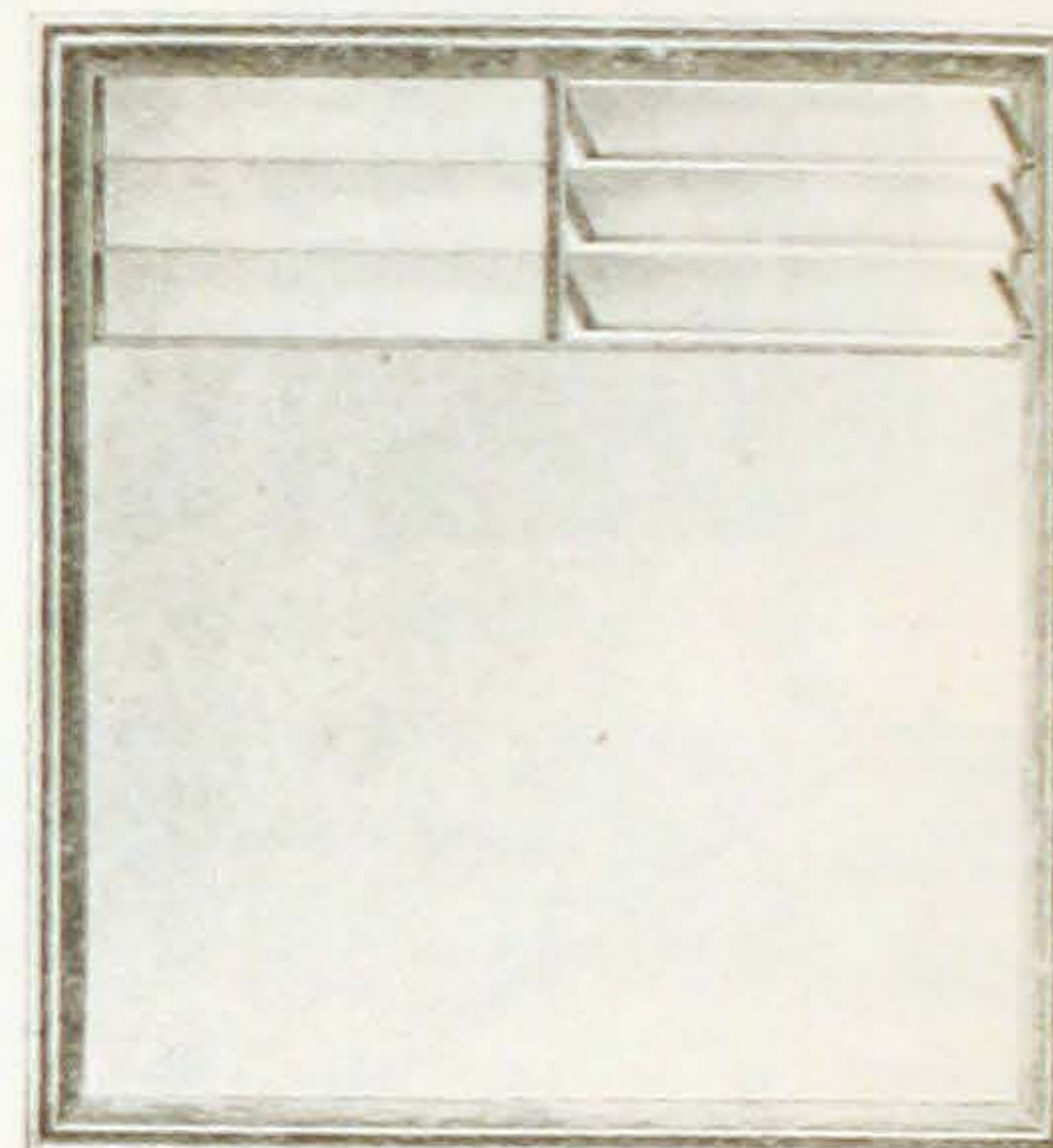
An inexpensive Ventilator for use in every description of window. The diffused air keeps a room fresh without the draught caused by an open window. It can be kept open at all times with perfect safety. Prices at foot of page on right-hand side.



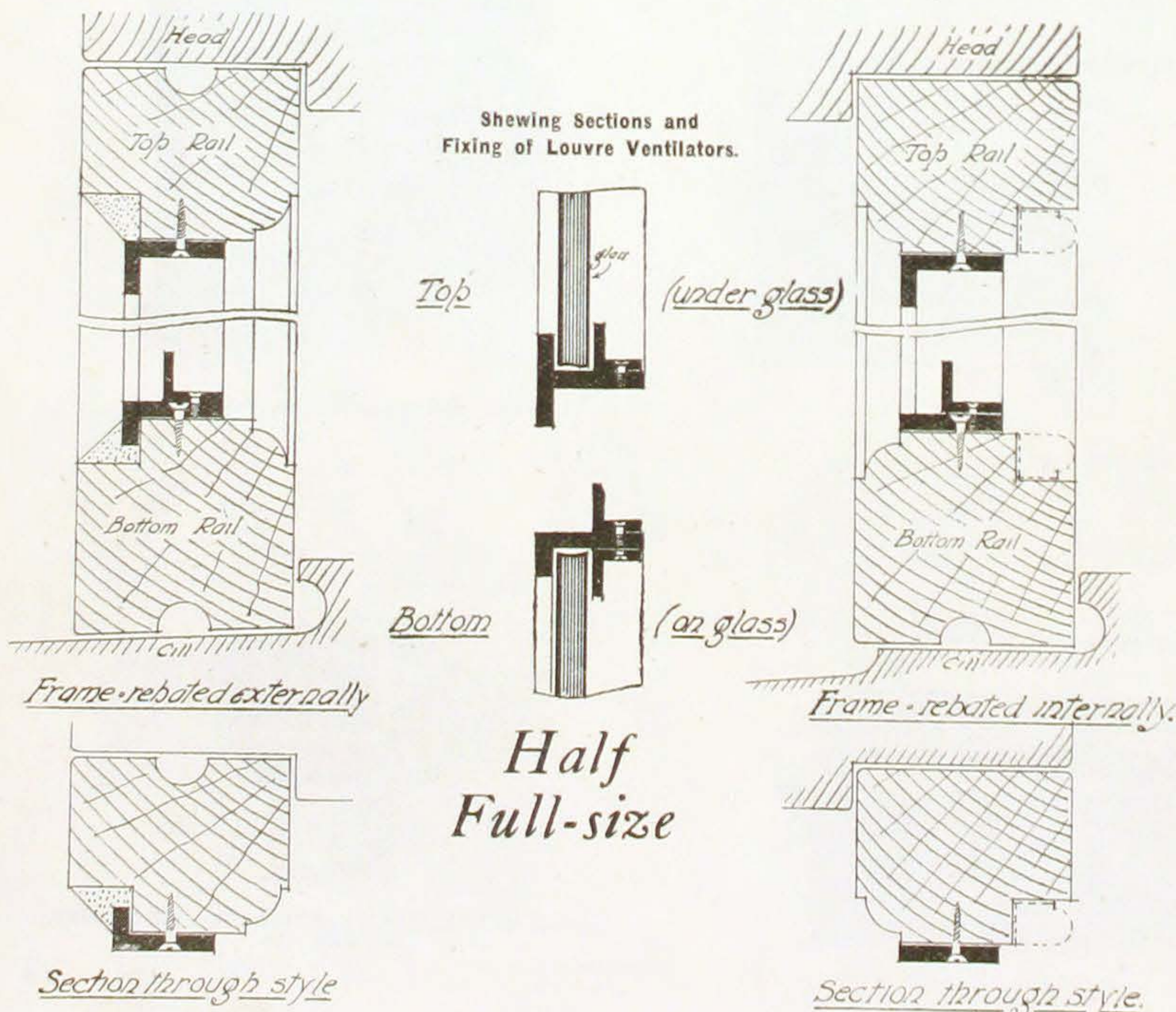
No. PHQ 3374

IMPROVED LOUVRE VENTILATOR.

Gives the maximum ventilation, and is very easily regulated. The working parts are screwed together and repairs can be speedily executed with little trouble. Part only of the windows need be used, if desired.



Shewing Louvre Ventilators as fitted to Plate Glass Windows.



No. PHQ 3372 CIRCULAR VENTILATORS.

	Up to 10"	Circles.	Priced Each.				
Super	1' 0"	1' 3"	1' 6"	1' 9"	2' 0"	2' 3"	
26 oz. sheet	19/8	22/6	25/3	28/-	30/10	33/3	
32 oz. Sheet	21/-	24/3	27/4	30/6	33/8	36/6	
Plate	25/4	29/2	33/6	36/6	40/3	43/6	
Super	2' 6"	2' 9"	3' 0"	3' 3"	3' 6"	3' 9"	
26 oz. Sheet	35/9	38/3	40/9	42/9	45/-	47/-	
32 oz. "	39/3	42/-	44/10	47/3	49/8	52/2	
Plate	47/-	50/3	53/8	56/6	59/6	62/6	
Super	4' 0"	4' 3"	4' 6"	5' 0"	5' 3"	5' 6"	
26 oz. Sheet	49/-	50/9	52/6	56/-	56/9	57/6	
32 oz. "	54/8	56/8	58/10	63/-	64/6	65/10	
Plate	65/6	68/2	70/-	74/6	76/8	78/10	
Super	5' 9"	6' 0"	6' 6"	7' 0"	7' 6"	8' 0"	
26 oz. Sheet	58/3	58/10	60/3	61/8	63/-	64/6	
32 oz. "	67/2	68/8	70/-	71/6	72/10	74/3	
Plate	81/2	83/4	85/8	87/9	90/-	91/6	

Intermediate sizes charged in proportion.

Fitted with Cords and Terminals 5/3 each extra.

When ordering please state: Size of Glass. Kind of Glass. Size in Rebate. High. Wide. Position of Vent in Pane. To open by Hand or Cords.

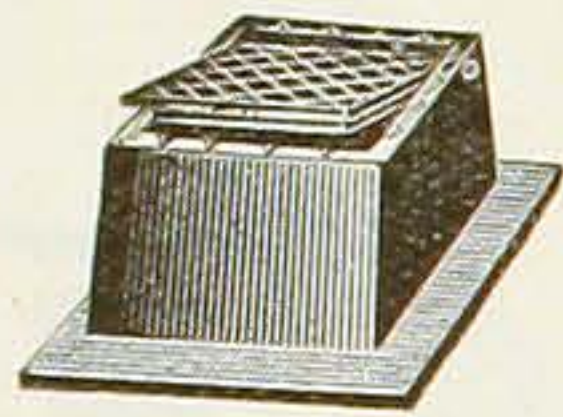
LOUVRE VENTILATORS. No. PHQ 3374

	Quality 1.	Quality 2.	Quality 3.
	Brass Frames, cast Brass Levers, Polished Plate Glass, Ground and Polished edges.	Zinc Frames, cast Brass Levers, Selected Sheet Glass, Ground edges.	Flat Zinc Frames Zinc Levers, Sheet Glass and Close Coil Spring Cord and Cord Holder.
Width and Height.			
11" x 10"	46/9	33/2	23/4
15" x 10"	54/8	38/2	28/3
15" x 12"	59/6	41/6	30/8
17" x 14"	69/8	48/4	35/7
19" x 16"	79/10	54/11	40/6
21" x 18"	89/10	61/7	45/5
23" x 18"	94/10	65/2	47/10
25" x 18"	99/4	68/3	50/3
25" x 20"	105/-	71/9	52/9

Intermediate sizes pro rata.

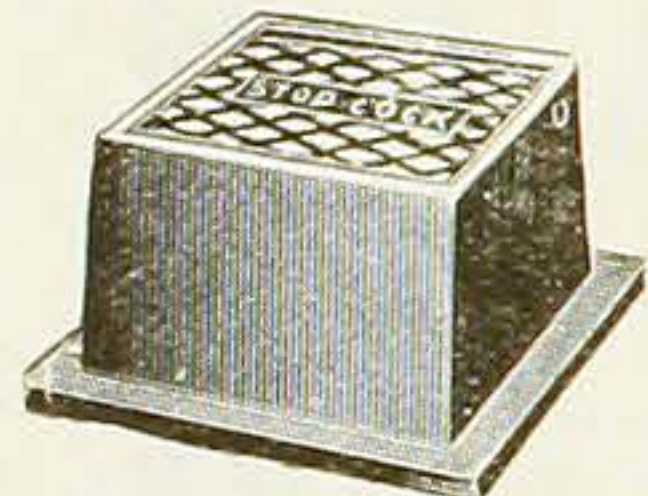
In measuring, Sight Size should be given, that is in the clear of the Sash Bars. Rebate will be allowed extra.

Stop-cock Boxes, Air Bricks, Ventilators, etc.



No. PHQ 3149 With Hinged Lid.

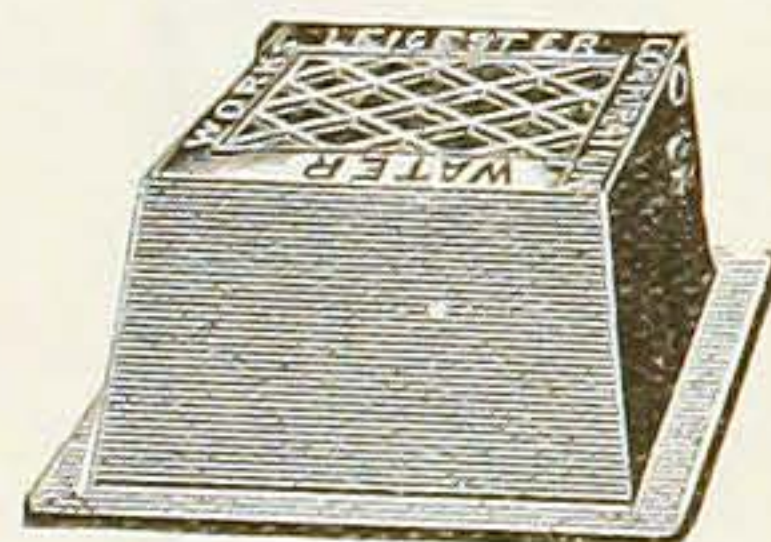
Size.	
5 1/2" x 5 1/2" x 3 1/2" deep	2/8 each.
5 1/2" x 5 1/2" x 3"	2/3 "
5 1/2" x 5 1/2" x 4"	2/11 "
5 1/2" x 4 1/2" x 3"	2/11 "
6" x 5" x 3"	2/8 "
6" x 5" x 4"	3/1 "
6" x 6" x 5"	3/3 "
6 1/2" x 4 1/2" x 3"	2/11 "
5 1/2" x 5 1/2" x 4 1/2" Heavy	5/10 "
5 1/2" x 5 1/2" x 5"	5/3 "
5 1/2" x 5 1/2" x 4" Large flange	4/8 "
6" x 6" x 3" Heavy	4/5 "
6 1/2" x 5 1/2" x 3"	2/11 "



No. PHS 3150 With Hinged Lid.

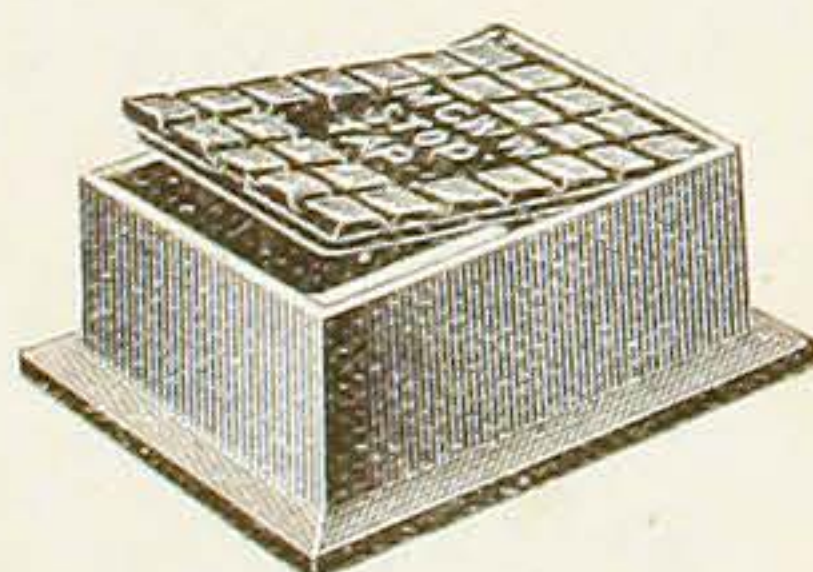
Size.	
5" x 5" x 3" deep	1/9 each.
5" x 5" x 4" "	2/- "

Stocked only in size 5" x 5" x 4".



No. PHQ 3151
Leicester Pattern.

Size 5 1/2" x 5 1/2" x 3 1/2" deep 3/2 each.

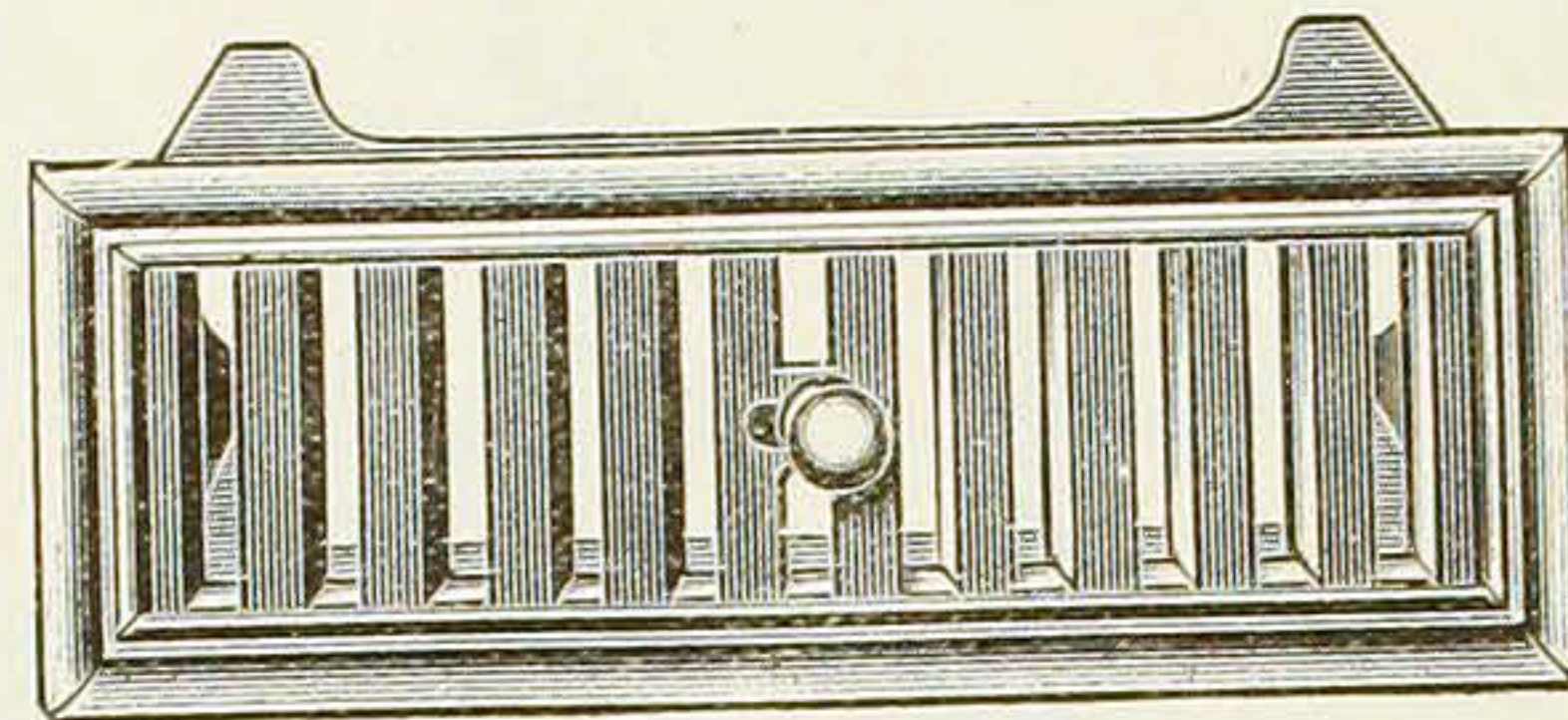


No. PHQ 3148
Manchester Pattern.
With Hinged Lid.

Size 8" x 6" x 3 1/2" deep 4/6 each.



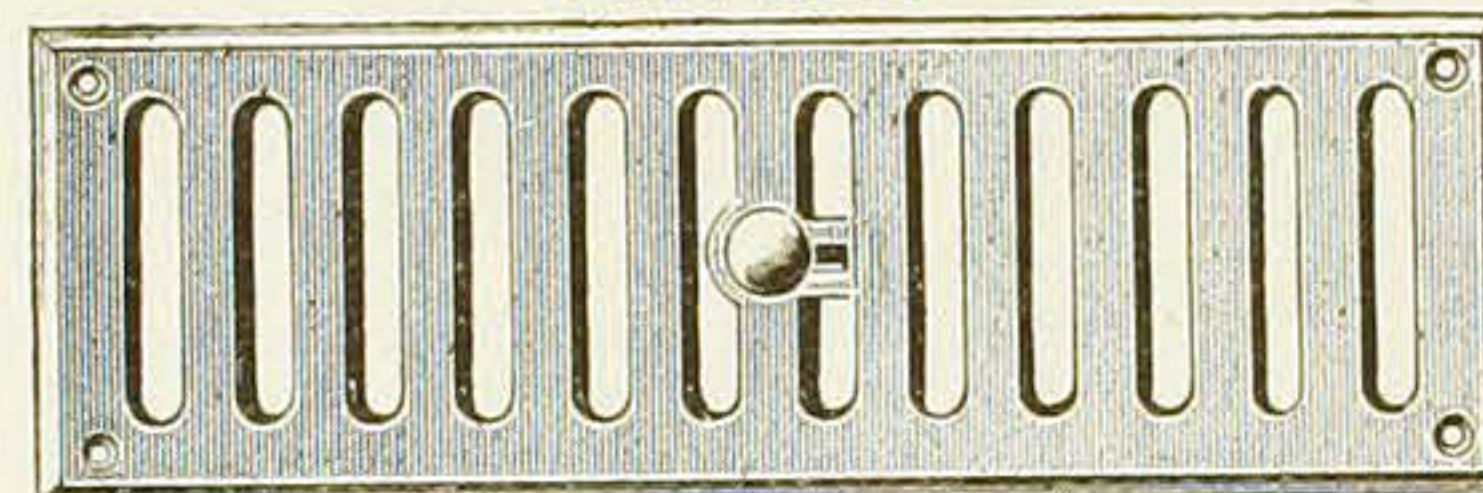
No. PHQ 3152
Coventry Pattern.
With Hinged Lid.
Size 6 1/2" x 6 1/2" x 4 1/2" deep, 7/- each.



No. PHQ 5236A
BEADED STRAIGHT BAR.
Fitted with Slide.

Size.	Plain.	Galvanized.
9" x 3"	15/9	22/9 per dozen.
9" x 3 1/2"	16/8	23/8 "
9" x 6"	24/6	35/- "
9" x 7"	35/-	52/6 "
9" x 9"	42/-	56/- "
12" x 9"	57/9	82/3 "
14" x 7"	60/6	83/2 "
14" x 10"	87/6	122/6 "
18" x 7"	73/6	101/6 "
18" x 10"	140/-	210/- "
14" x 7" Light	52/6	70/- "

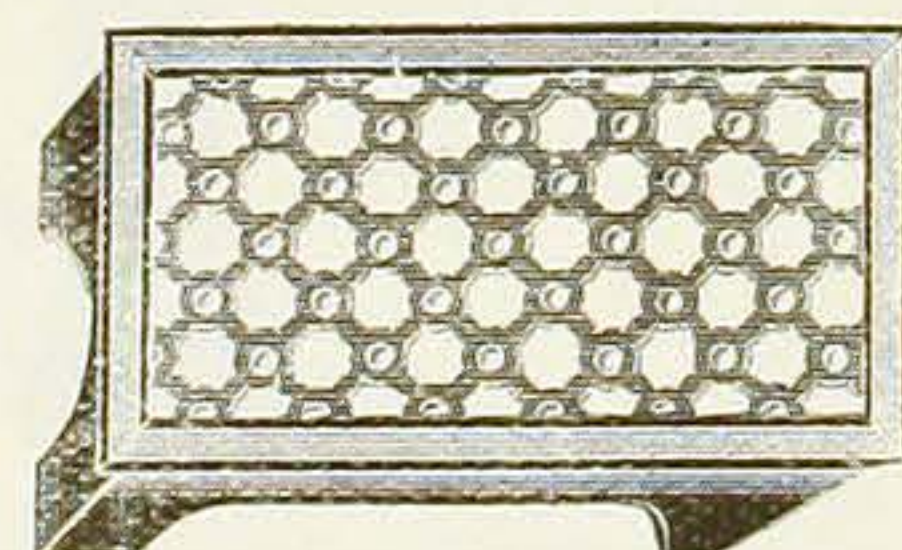
T PATTERN.



No. PHQ 3155 To Screw On.

Size.	Without Slide.	With Slide.	Without Slide.	With Slide.
9" x 3"	11d.	1/9	1/3	2/6 each.
9" x 6"	1/3	2/4	1/6	3/2 "
25" x 5"	2/8	5/-	3/10	7/6 "
26 1/2" x 7"	3/8	6/8	4/8	10/6 "

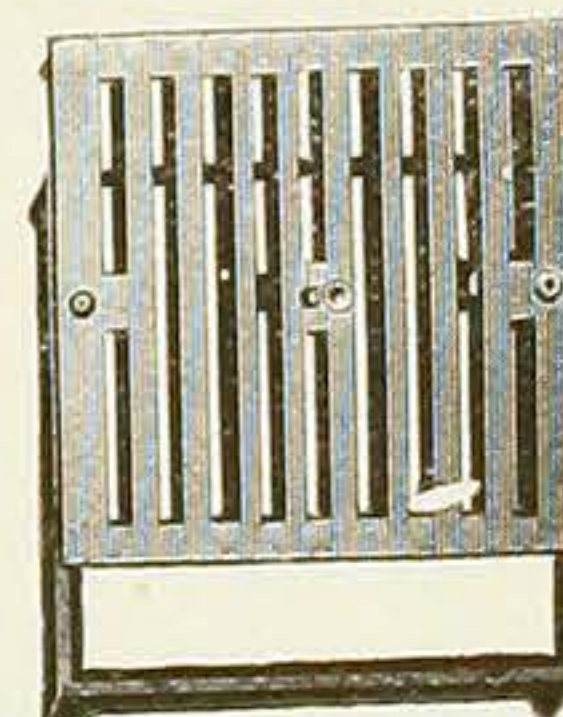
ORNAMENTAL BEADED.



No. PHQ 3157

Size.	Plain.	Galvanized.
9" x 6"	26/3	52/6 dozen.
14" x 7"	52/6	105/- "
14" x 10 1/2"	61/3	122/6 "
18" x 7"	61/3	122/6 "
18" x 10 1/2"	78/9	157/6 "

LOOSE FRONT.



No. PHQ 3154

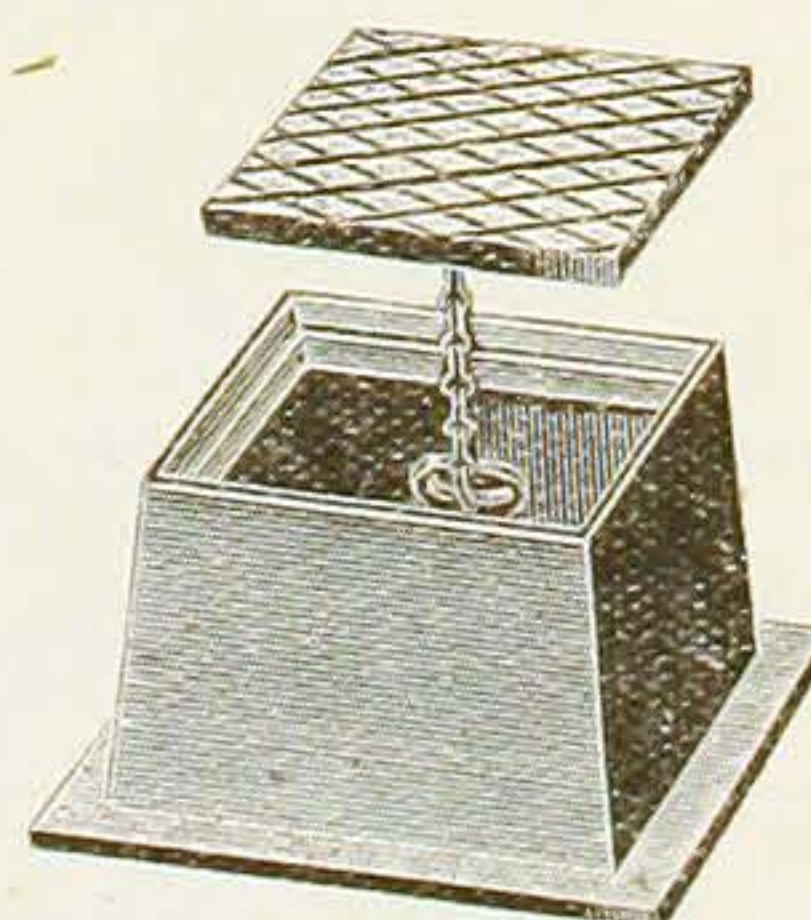
Size.	Plain.	Galv'd.
9" x 6"	31/6	44/9 dozen.
9" x 9"	42/-	59/2 "
10" x 10"	47/3	68/9 "
14" x 6"	45/6	63/6 "
14" x 10"	63/-	89/9 "

No. PHQ 3166

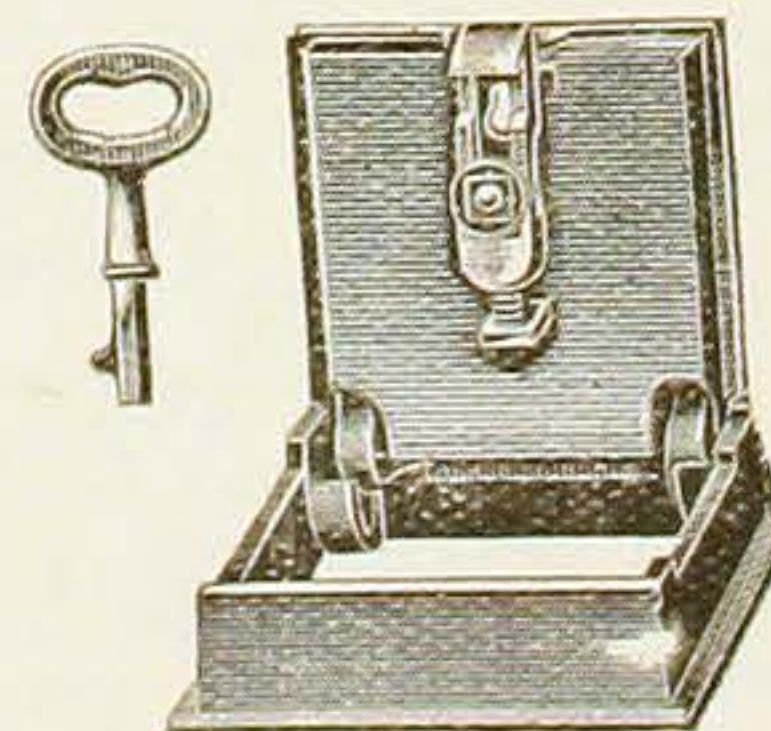
(For illustration, see page 298).

Beaded Square Hole, Hinged.

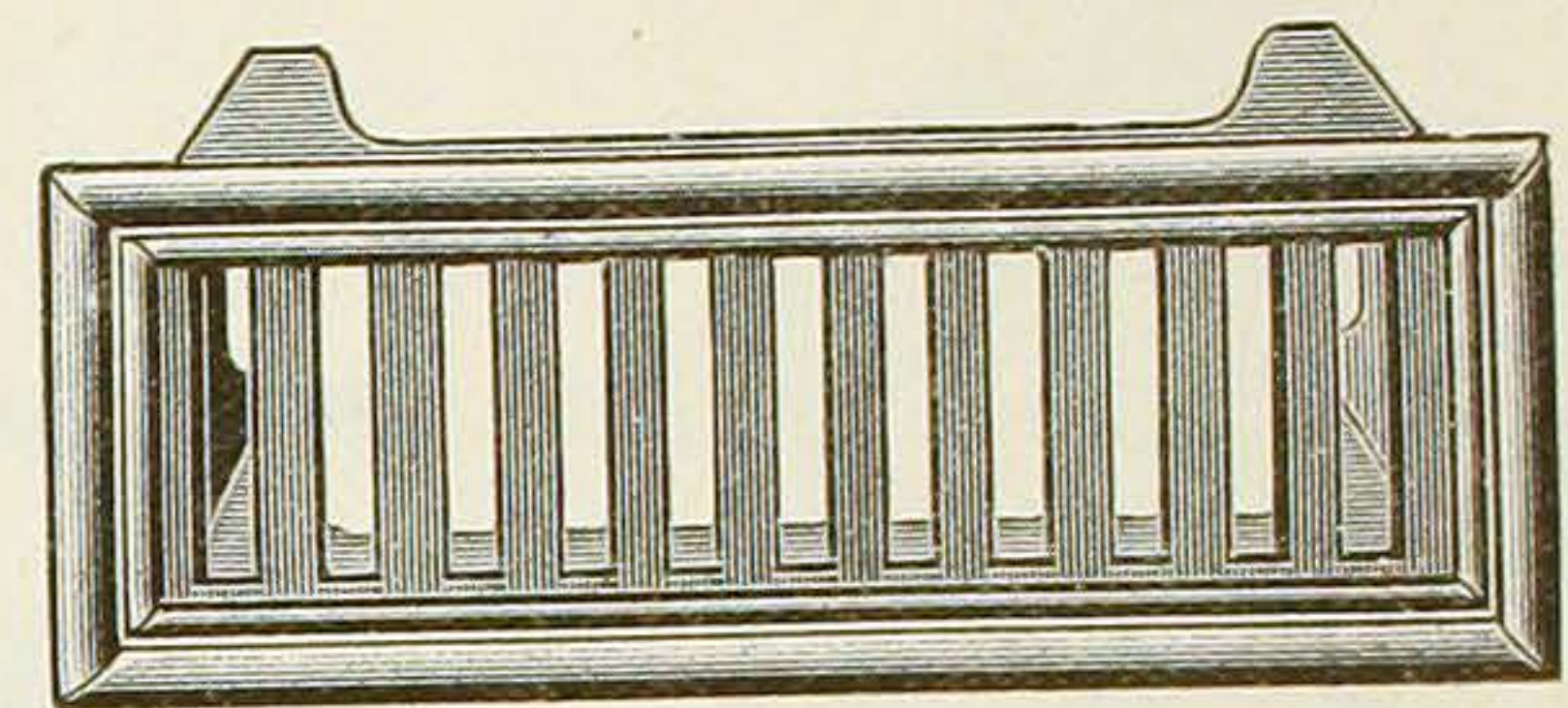
Size.	Plain.	Galv'd.
9" x 7" fitted with Brass Lock	31/6	48/8
12" x 9" Fitted with 2 Brass screws	39/6	59/6
14" x 6" Ditto, ditto	43/9	66/3
14" x 10" Ditto, ditto	52/6	79/3



No. PHQ 3147/2
Fitted with Galvanized Chain.
Size.
5 1/2" x 5 1/2" x 4" deep 3/2 each.
6" x 6" x 5" " 4/- "
5" x 5" x 6" " 8/- "

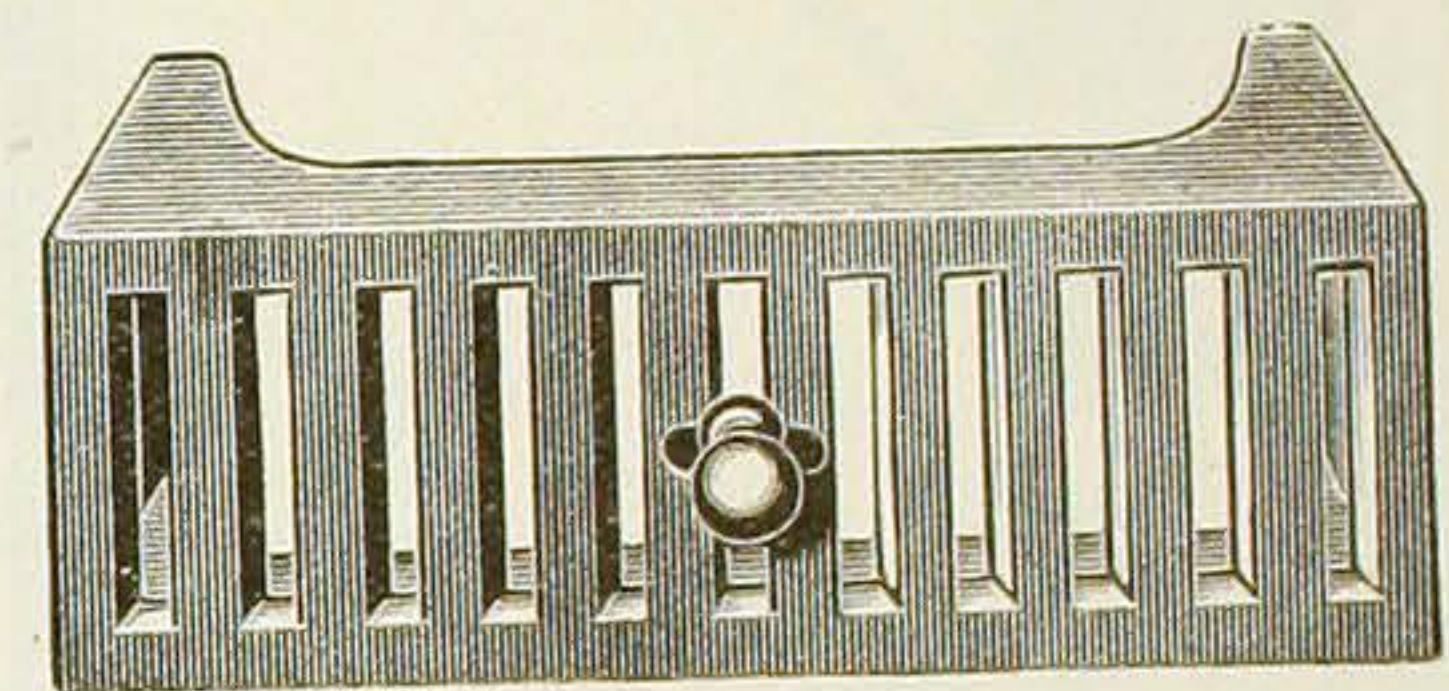


No. PHQ 3153
Wolverhampton Pattern.
Fitted with Brass Lock and Key complete.
Size 5 1/2" x 5" x 1 1/2" deep, 2/3 each.



No. PHS 5237
BEADED STRAIGHT BAR (WITHOUT SLIDE).

Size.	Plain.	Galvanized.
9" x 3"	6/-	12/- per dozen.
9" x 7"	13/3	26/8 "
14" x 7"	31/6	52/6 "
14" x 10"	52/6	88/- "

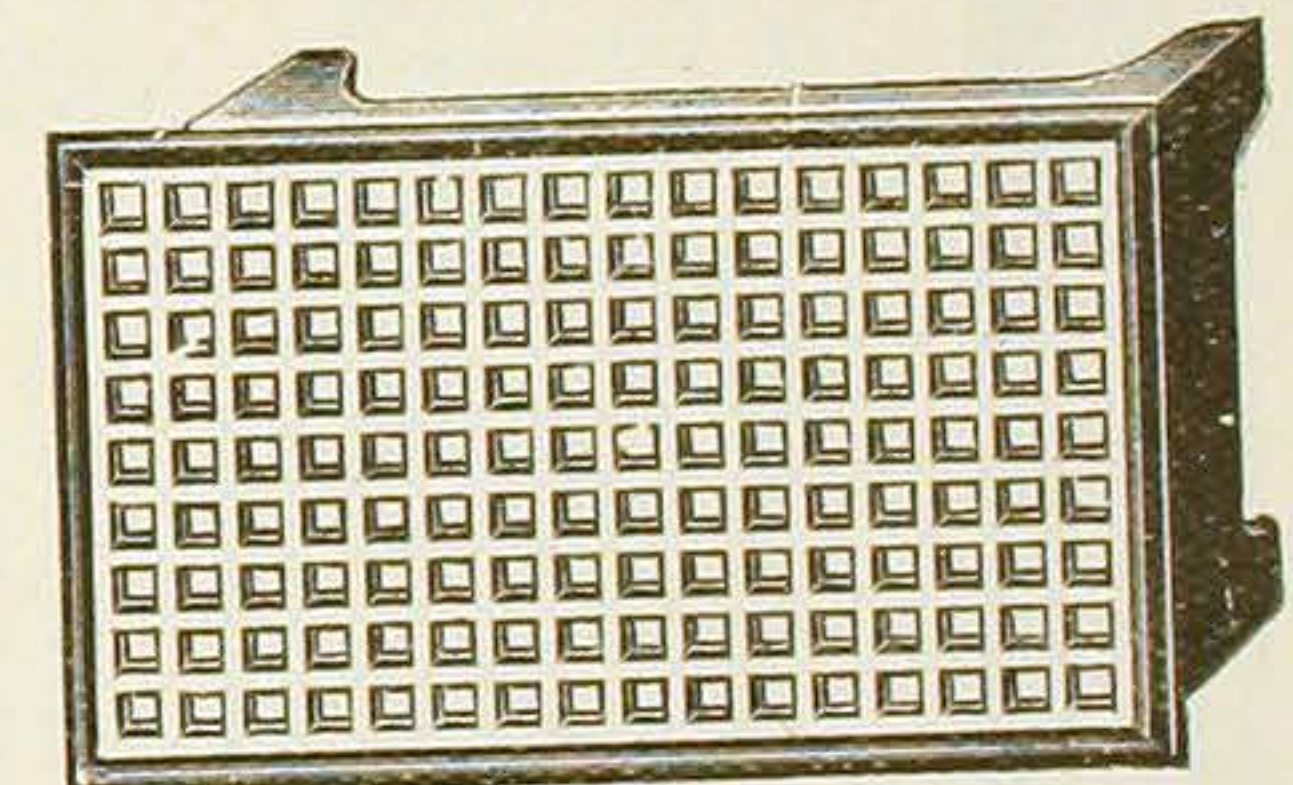


No. PHS 5236
PLAIN STRAIGHT BAR. FITTED WITH SLIDE.

Size.	9" x 3 1/2"	9" x 7"	14" x 7"	14" x 10"
Plain	10/6	19/3	31/6	52/6 dozen.
Galvanised	21/-	38/6	63/-	75/- "

No. PHS 5235
PLAIN STRAIGHT BAR (WITHOUT SLIDE).

Size.	9" x 3 1/2"	9" x 7"	14" x 7"	14" x 10"
Plain.	4/-	4/6	8/9	—
Light	5/3	9/3	11/6	23/6
Heavy	—	—	—	38/6 "
Galvanised.	8/-	9/-	17/6	—
Light	10/6	18/6	23/-	47/-
Heavy	—	—	—	75/- "



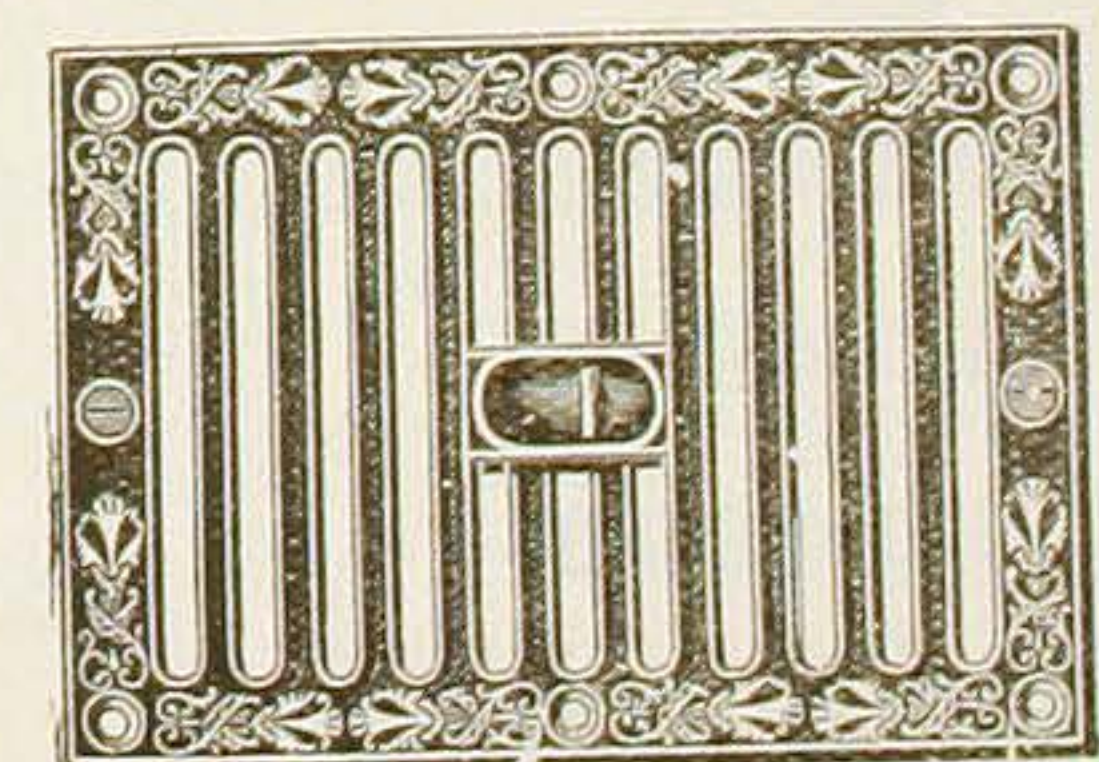
No. PHS 3156

Holes, 1/2" square. Front 1/4" thick.

Size.	9" x 3"	9" x 6"	9" x 7"	10" x 10"
Plain with Fast Fronts	6/6	12/9	13/3	22/3
Galvanized with Fast Fronts	19/3	—	—	—
Plain with Loose Fronts	22/6	28/-	41/-	42/-
Galvanized with Loose Fronts	—	52/6	72/6	73/6
Size	12" x 6"	12" x 9"	12" x 12"	14" x 10"
Plain with Fast Fronts	21/-	24/-	33/-	33/4
Plain with Loose Fronts	45/-	47/8	52/-	53/4
Galvanized with Loose Fronts	84/-	92/9	84/-	101/6
Size	18" x 10"	18" x 12"	—	—
Plain with Fast Fronts	—	—	63/6	70/6
Plain with Loose Fronts	—	—	136/6	108/6

Painting 5 per cent. extra.

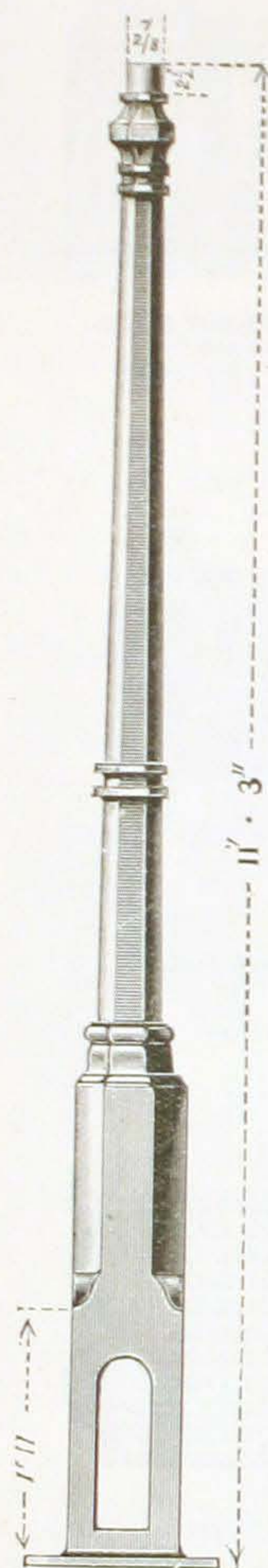
BRONZED CAST IRON VENTILATOR.



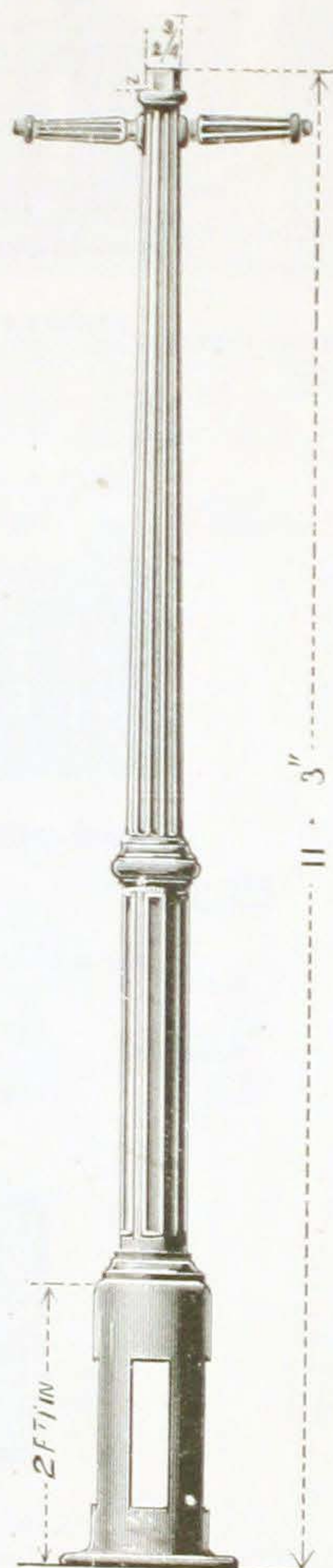
No. PHS 6416

Size.	9" x 3 1/2"	9" x 6 1/2"	10" x 6 1/2"	12" x 6 1/2"
Price	20/10	32/9	44/8	53/8 dozen.

Lamp Posts and Verandah Columns



No. PHO 4993



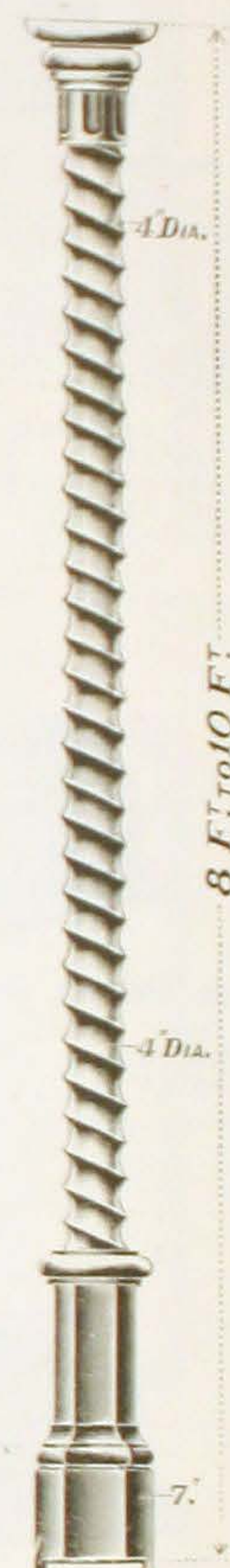
No. PHO 4994



No. PHO 4995



No. PHO 4996



No. PHO 4997

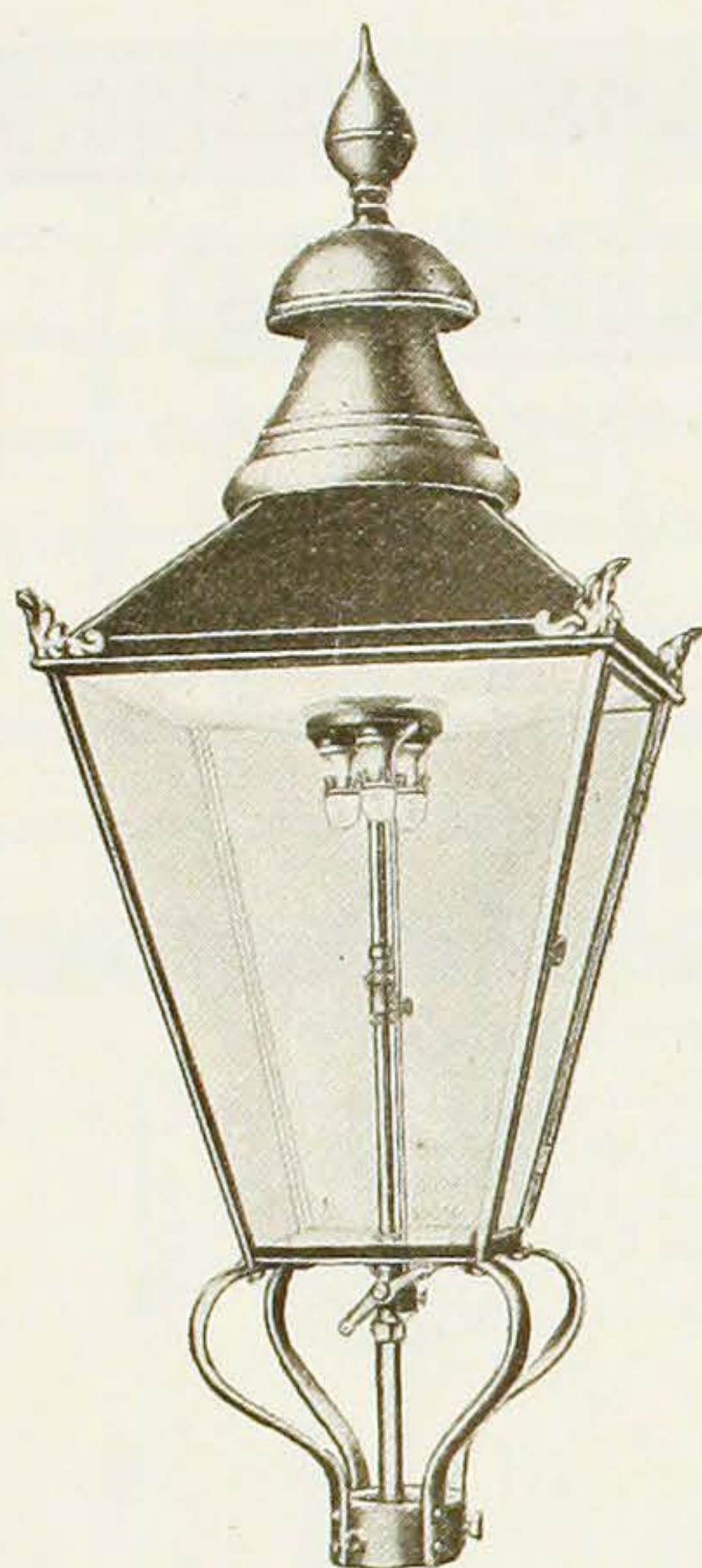
									£	s.	d.
No. PHO 4993	Lamp Post, fitted with Arms.	Approx. weight, 3 cwt. 1 qr. 0 lbs. ...	...	...	...	...	...	...	5	15	6 each.
No. PHO 4994	" " " " " "	" " 2 cwt. 1 qr. 0 lbs.	...	...	...	...	...	...	5	1	6 "
No. PHO 4994	" without Arms	... ..	...	...	...	...	...	...	4	12	9 "

If painted, 5% extra.

No. PHO 4995	Verandah Column.	Sizes 8' 0" to 10' 0", 3" diameter.	Approx. weight 18 lbs. per foot	10/3 per foot.
No. PHO 4995	" " " " " "	4" " " "	21 lbs. per foot	11/- "
No. PHO 4996	" " " " " "	6' 0" to 8' 0" 2 5/8" " "	9 lbs. per foot	6/3 "
No. PHO 4997	" " " " " "	8' 0" to 10' 0" 4" " "	21 lbs. per foot	9/8 "

Any design can be quoted for.

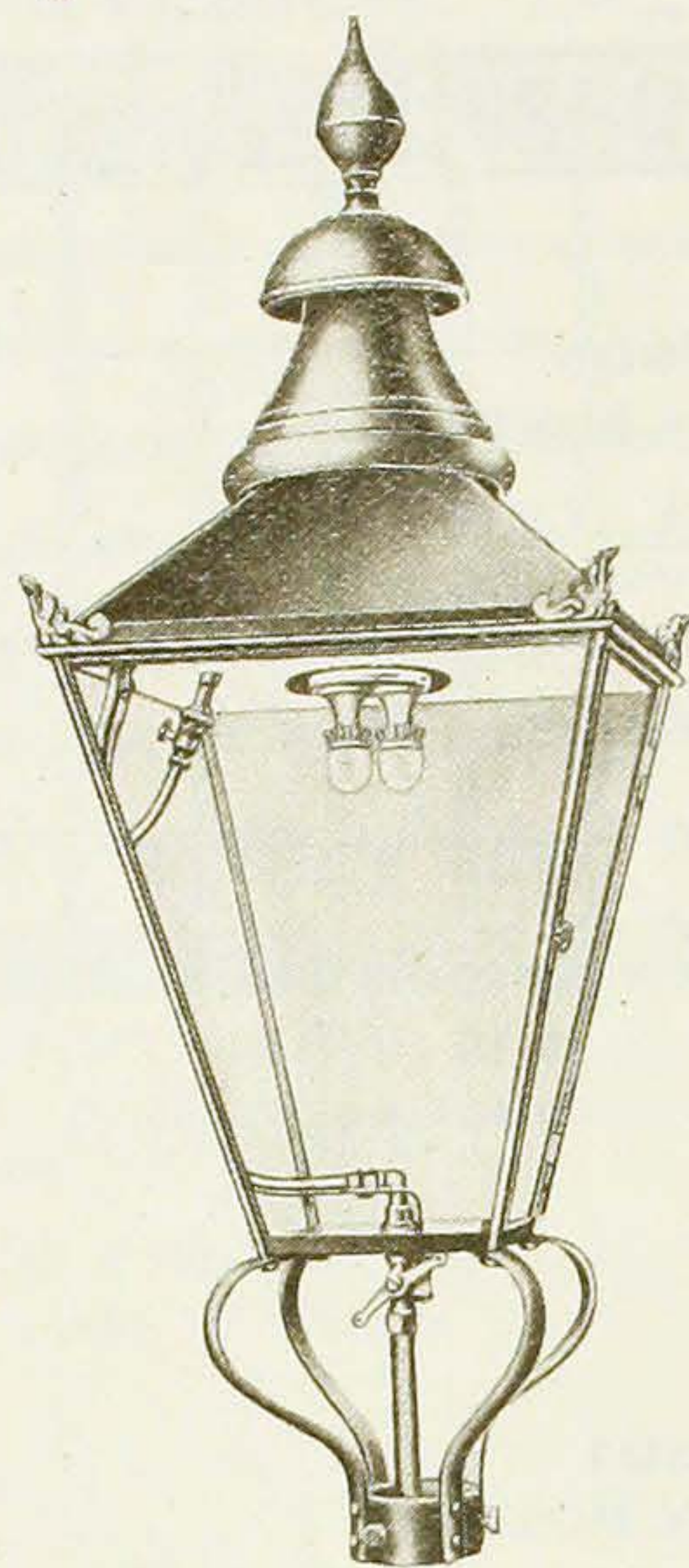
Gas Lamps for Street and Shop Lighting



THE "COUNCIL"
No. PHO 4801

Lamp of best Tinned Steel with Copper Ventilating Top, Steel Rods through side ribs, Copper Ornamental Corners, painted and glazed with 15 oz. Glass. Enamelled Steel or Porcelain Convex square Reflector, one Cleaning Door, hinged at side and provided with strong wire fastening, Gas and Air Regulator, Super-heater, Mantles, Steatite Float Governor, Lever Cock tapped for $\frac{1}{2}$ " Iron with Roller Flap Door or with Bye-pass. Height of Lamp 2' 11", width 16", Consumption of Gas per hour, 7 $\frac{1}{2}$ approx. Illuminating power with reflector, 225 candles.

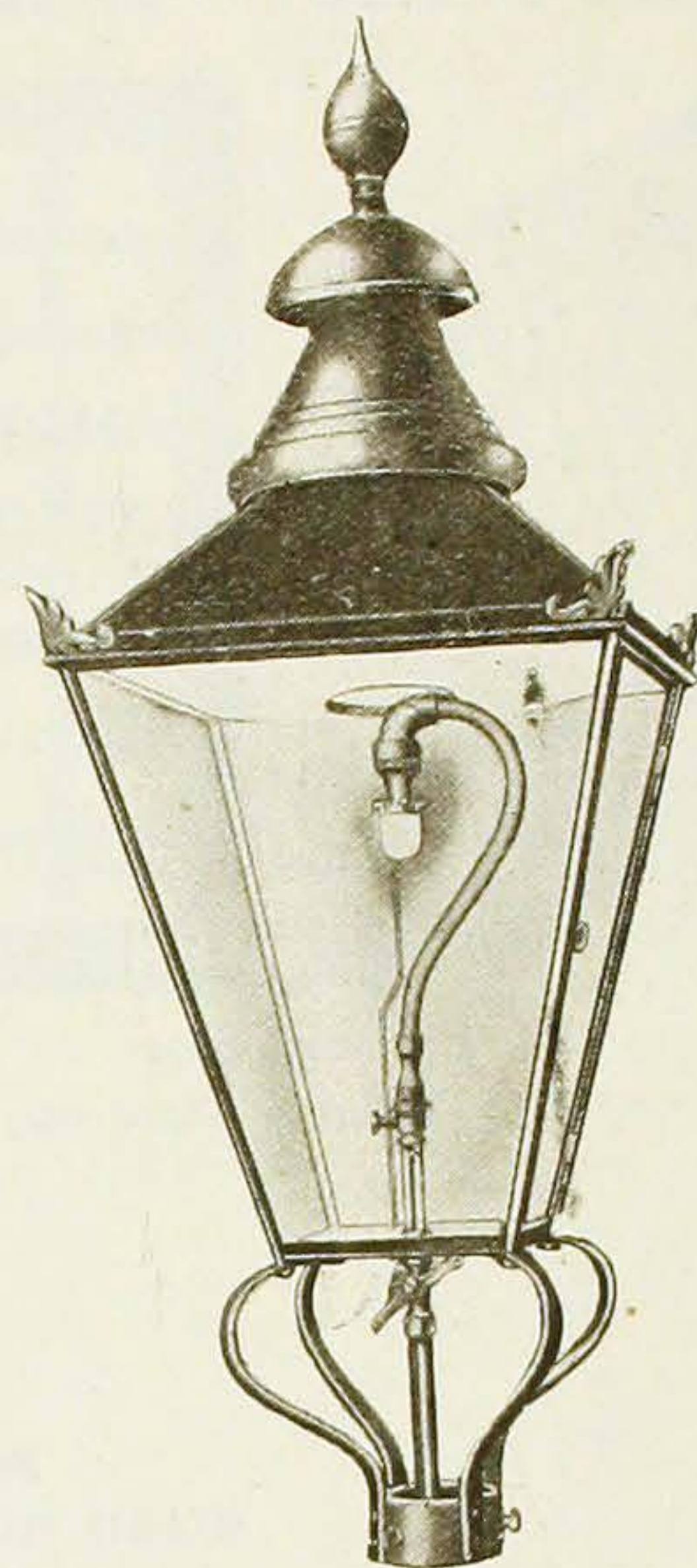
With Bye-pass .. £3 2 3
With Roller Flap Door, £3 4 3
Extra for W. I. Frog, 7/- each.
W.I. Frog with Ladder Bar, 8/9 each.
C.I. Base with Bye-pass connection and Blow-out, 18/- each.
Combined C.I. Base and Ball Trap Door with Blow-out, 13/9 each.



THE "ALDERMAN" No. PHO 4802
Strongly recommended.

Lamp of best Tinned Steel, with Copper Ventilating Top, Steel Rods through side ribs, Copper Ornamental Corners painted and glazed with 15 oz. glass (18" 21 oz.) Porcelain square Flat Reflector, one Cleaning Door hinged at side and provided with strong wire bolt fastening, Inverted Burner with Super-heater, Gas and Air Regulator, Mantles, Gas Supply Tube, Steatite Float Governor, Lever Cock, tapped for $\frac{1}{2}$ " iron, with Roller Flap Door or with Bye-pass, Height of lamp, 2' 11", width 16". Consumption of gas 5 $\frac{1}{2}$ feet. Approx. illuminating power with Reflector, 160 candles.

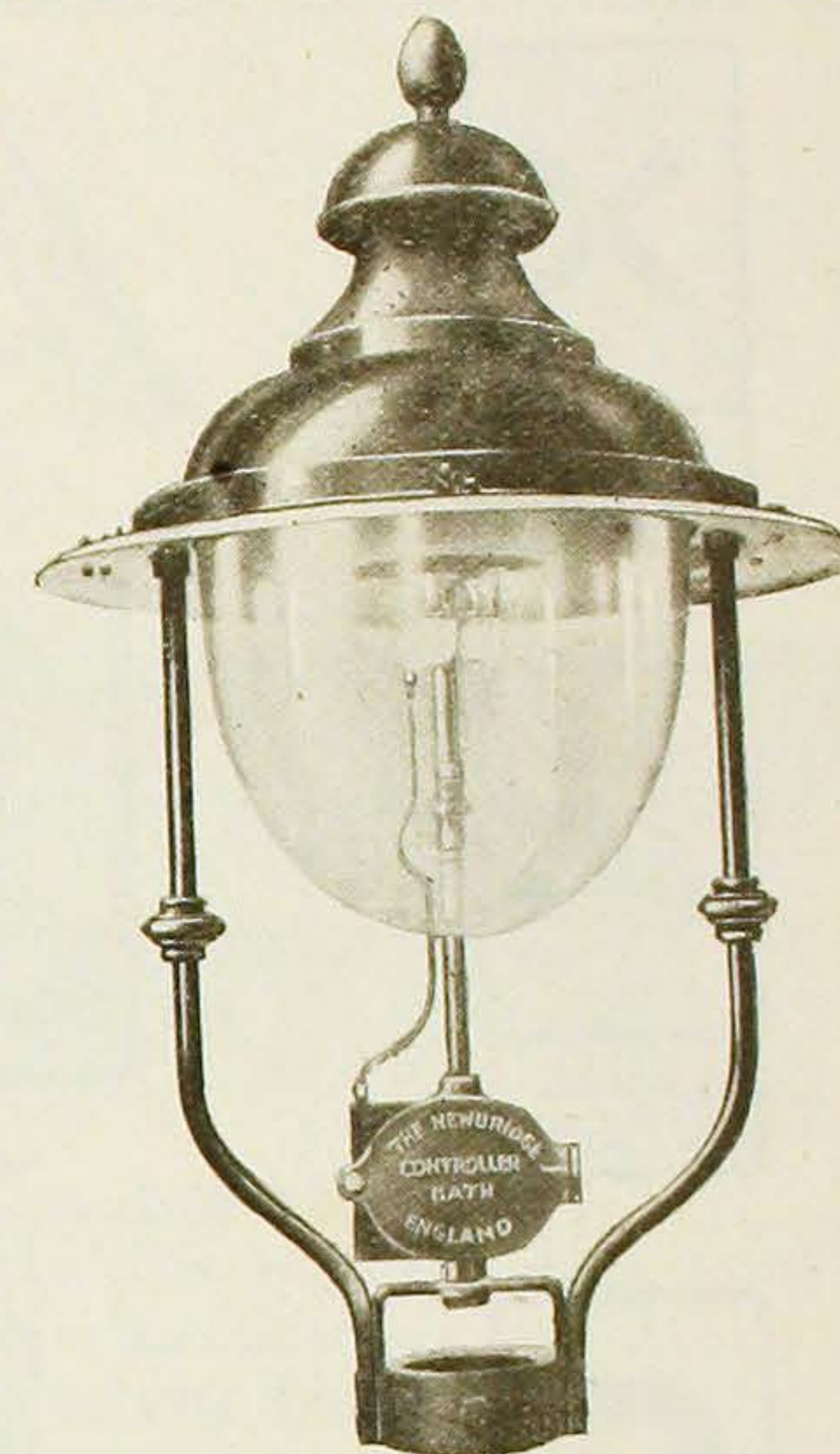
With Bye-pass .. £3 8 9
With Roller Flap Door £3 10 9
Extras same as The "Council."



THE "ALDERMAN" SINGLE.
No. PHO 4803

Lamp of Best Tinned Steel with Copper Ventilating Top, Steel Rods through side ribs, Copper Ornamental Corners, painted and glazed with 15 oz. glass, Enamelled Steel or Porcelain Convex square Reflector, one Cleaning Door, hinged at side and provided with strong wire bolt fastening, Gas and Air Regulator, Super-heater Mantles, Steatite Float Governor, Lever Cock, tapped for $\frac{1}{2}$ " iron with Roller Flap Door or with Bye-pass. Height of lamp, 2' 8 $\frac{1}{2}$ ", width, 14". Consumption of gas per hour, 1 $\frac{1}{2}$ feet, approx., illuminating power with Reflector, 50 candles.

With Bye-pass .. £2 13 0
With Roller Flap Door, £2 9 0
Same Extras as for PHO 4801.



THE "PROM"
No. PHO 4804

Specially designed for lighting modern thoroughfares, absolutely wind and weather proof. Casts far less shadow than the square lamp. Inside of glass globe may be cleaned without being removed.

The "Prom", readily accommodates automatic Controllers which are fitted as shown above. Lamp is strong, painted Copper Casing, substantial hinge and spring catch fastening, enamelled Steel Reflecting Shade and Inner Reflector, Clear Glass Bowl, Wrought Iron Arms, Lever Cock and Bye-pass. Height 3' 3", width 1' 8", consumption of gas, 7 $\frac{1}{2}$ feet, 270 candle power £4 10 3 Inclusive of Frog, extra for Single Ladder Bar, 2/6

"Horstman" Controller and Automatic Lighter in weather proof case, including fitting to lamp, £3 11 9

CARRIAGE IS PAID ON ALL ORDERS OF £20 NETT VALUE.
To any station in Great Britain.
Other sizes quoted for upon receipt of specification.

The "STAR" for Street and Shop Lighting.

No. PHO 4805

Supplied with Brass Cup and Ball Joint, Lever Cock, Bye-pass, super-heated cluster of Mantles, single gas and air regulator, hinged door with spring catch, heat-resisting Clear Glass Bowl Complete ready for fixing, height, 2' 1", width 1' 7". Consumption of gas 14 $\frac{1}{2}$ feet, Number of Burners 6-600 candle power.

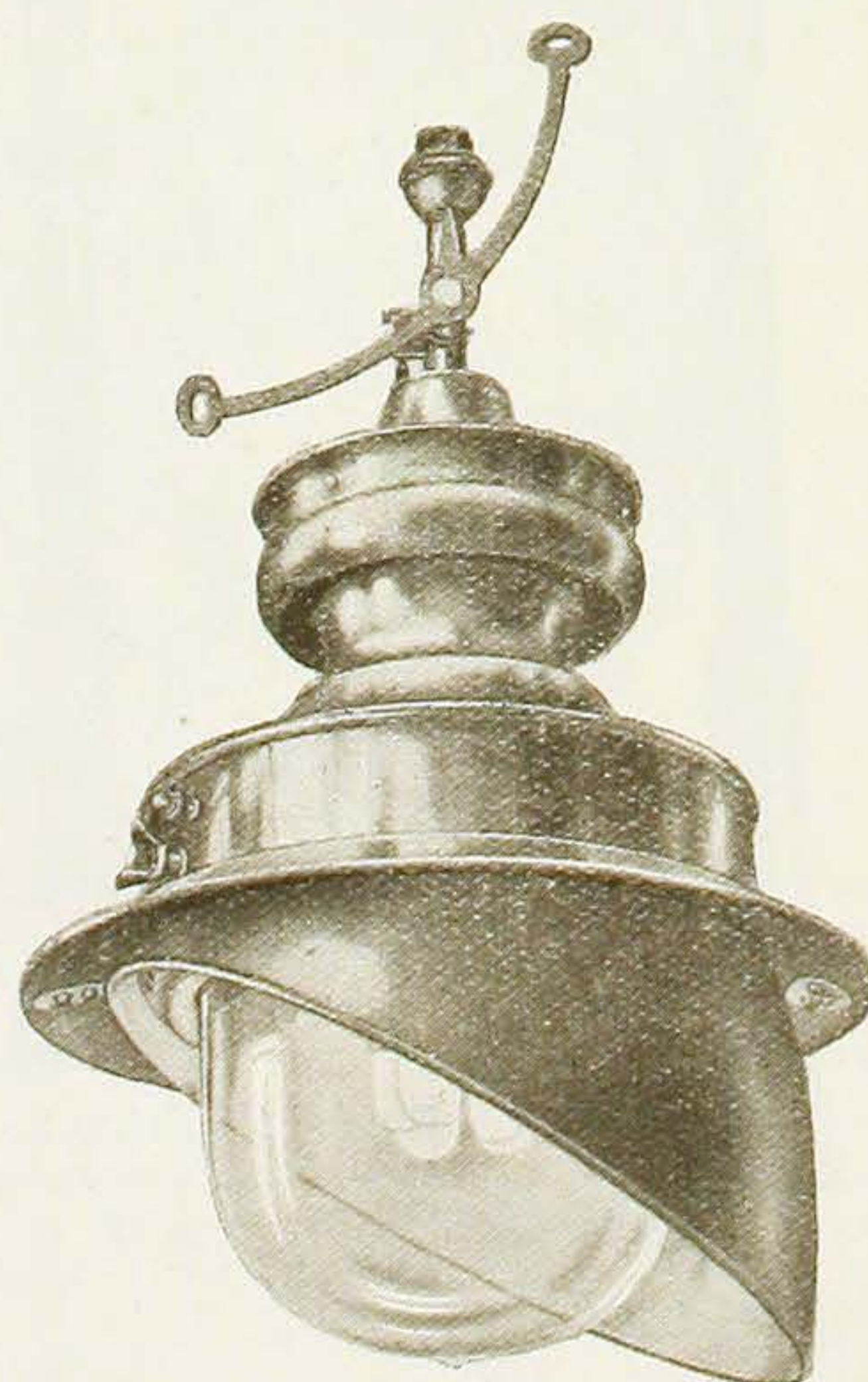
Strong Polished Copper Case
£5 8 3

Enamelled Steel Case,
£5 1 3

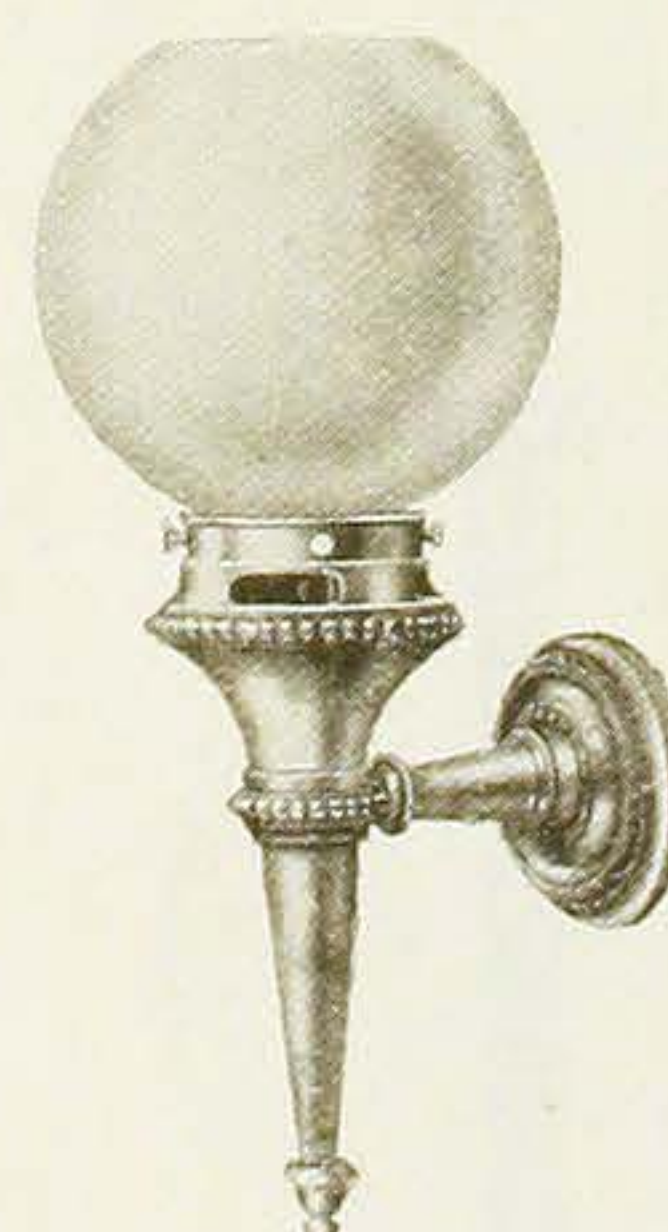
The "STAR" fitted with Parabolic Reflecting Shade of Enamelled Steel, dark green outside and white interior. These shades can be supplied in place of the ordinary shades, or separately for fitting to existing lamps.

When ordered with Lamp,
14/- extra.

Shade separately, 21/9 each.



The "Star" fitted with Parabolic Reflecting Shade.



"LOUNGE" WALL BRACKETS.

Supplied with Super-Heated Cluster of Small Mantles fitted with Gas and Air Regulator, thumb tap bye-pass and obscured Glass Globe.

"LOUNGE" WALL BRACKETS.
No. PHO 4806

Overall height 13", projection to outside of globe, 8", diam. of bowl, 6", two Mantles, exclusive of wood block.
Bronzed Brass finish, 65/6
Ox. Copper finish, 68/3
Ox. Silver finish, 71/2
Round Blocks, 1/9 each ex.

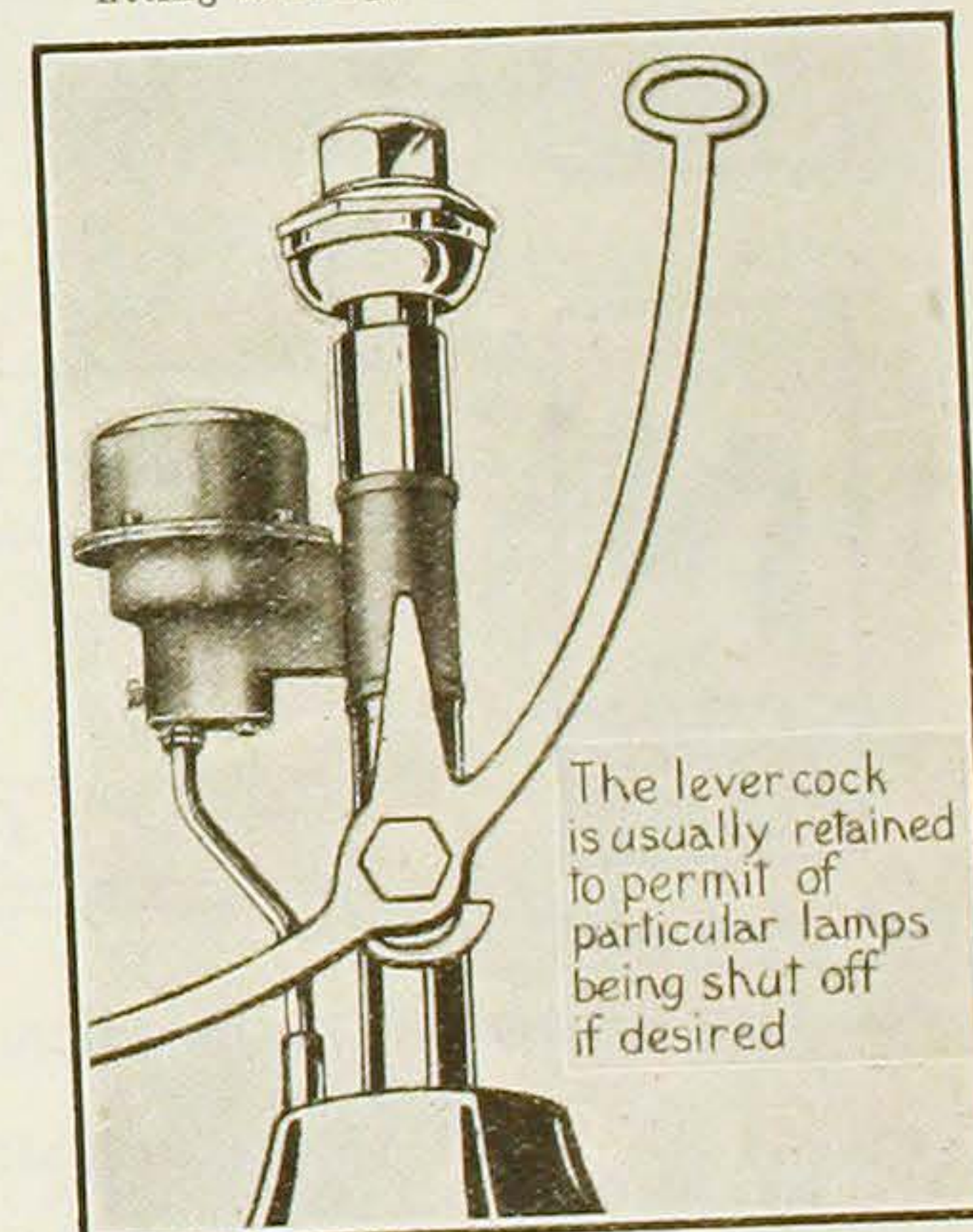
No. PHO 4807
Overall height, 18", projection to outside of globe, 10", diam. of bowl, 7", 3 Mantles, exclusive of wood block.
Bronzed Brass finish, 110/10
Ox. Copper finish, 116/8
Ox. Silver finish, 122/6
Whitewood Oblong blocks, 4/6 each.

PATENT DISTANT CONTROL DEVICE.

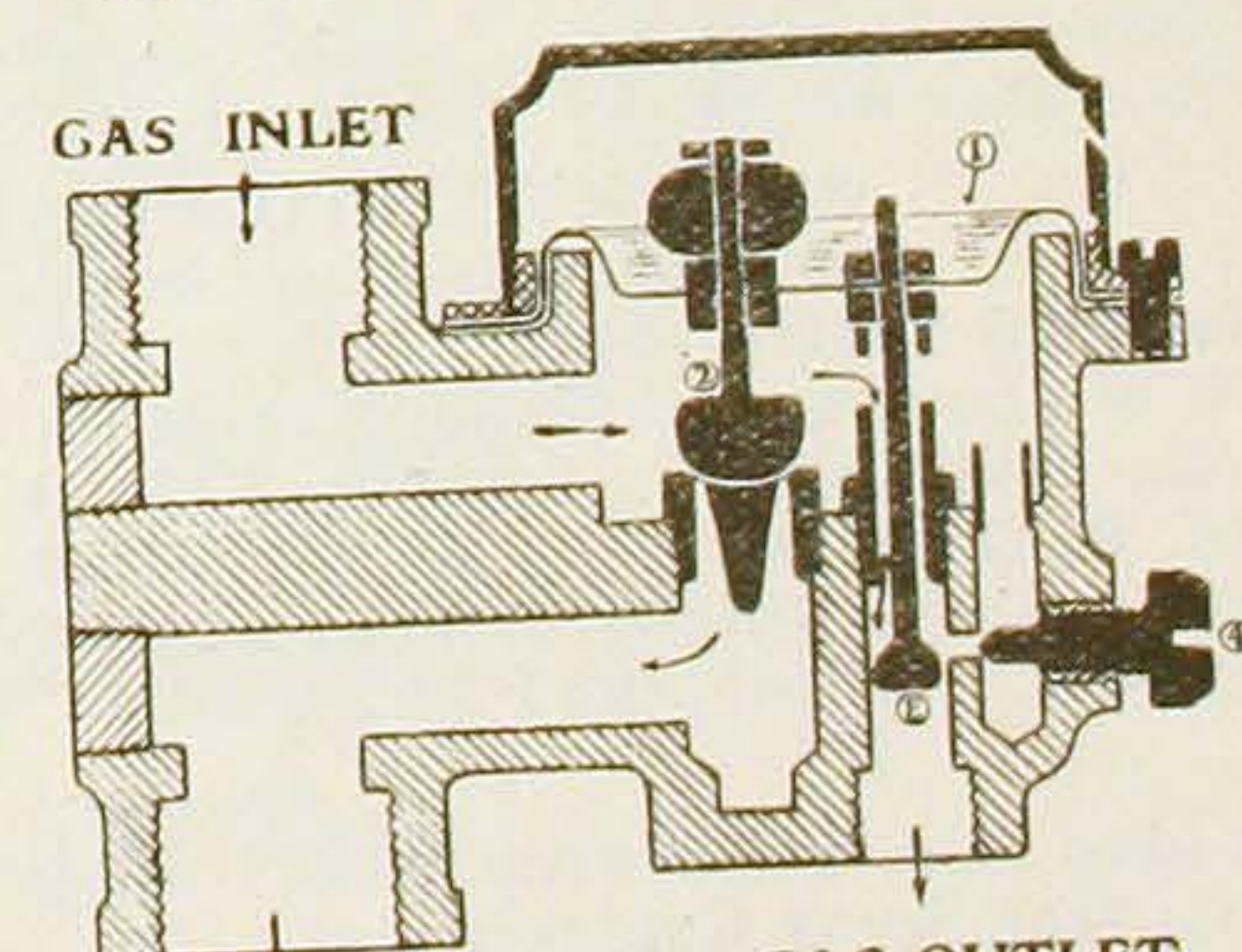
Enables any number of lights to be controlled by a single tap in a convenient position without separate Bye-Pass Service Pipes.
No. PHO 4808 Tapped $\frac{1}{2}$ " iron (for outdoor lamps) 23/8 each.
No. PHO 4809 " $\frac{1}{2}$ " " " indoor lamps 26/3 "
No. PHO 4810 " $\frac{1}{2}$ " " " " 22/9 "
No. PHO 4811 " $\frac{1}{2}$ " " " " 22/9 "

Prices are additional to price of Lamp plus bye-pass where bye-pass is priced as an extra. If supplied for existing lamps, deduct cost of fitting to lamp, viz., 5/3 each.

NOTE.—When the consumption of gas exceeds 20 feet per hour the $\frac{1}{2}$ " size must be used.



PATENT DISTANT CONTROL DEVICE.

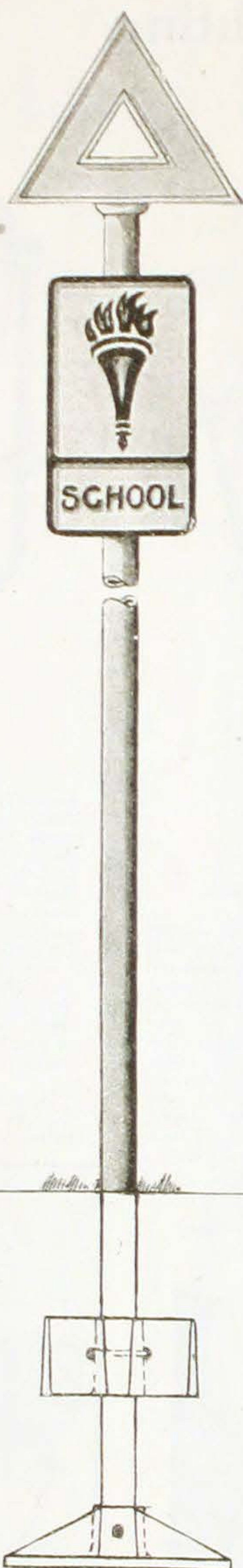


SECTIONAL VIEW.
GAS INLET
GAS OUTLET TO FLASHLIGHT.
GAS OUTLET TO BURNERS.

1. Leather Diaphragm.
2. Main Valve.
3. Bye-pass Valve.
4. Bye-pass Regulating Screw.



WARNING PLATES.



No. PHO 9600 MOTOR SIGN POST.

LAMP COLUMNS.

No. PHO 9602

Height from ground line 10' 4" Depth under ground ... 1' 6" Diameter at Base ... 11" Price, Painted £8 12 9 each.

No. PHO 9603

Height from ground line 8' 10" Depth under ground ... 2' 0" Diameter at base ... 8" Price, Painted £6 8 0 each.

SEWER VENTILATING SHAFTS.

Can be supplied any height from ground.

No. PHO 9604

30' 0" above ground without hinged door in base and with steel collar and Cast Iron Coronet, £23 0 9 each.

No. PHO 9605

25' 0" above ground with External Steel Collar and Cast Iron Coronet. 6" tube £17 5 6 each. 4" tube £14 1 6 each.

Extras :

Hinged Door fitted with Brass Turnbuckle	...	28/9
Cast Iron Sewer Connection	...	19/3
Tube	6" 4"	
Cast Iron Collar in lieu of Steel Collar	...	23/- 19/3
Galvanized Wire Balloon	...	5/9 3/2
Copper Wire Balloon	...	7/8 4/6
Sheet Steel Rust Box	...	7/8 6/4
Longer Shafts	...	7/8 5/- foot.
Shorter Shafts	...	7/8 5/- " less.

Price includes painting one coat.

No. PHO 9600
MOTOR SIGN POST.

Total height above ground 10' 4" x 2' 6" underground. Steel tube 3 1/4" external diameter, fitted with Cast Iron Triangle, any one Warning Sign, four-way fixing 6" deep. Base flanged and Bracketed, 18" x 18"

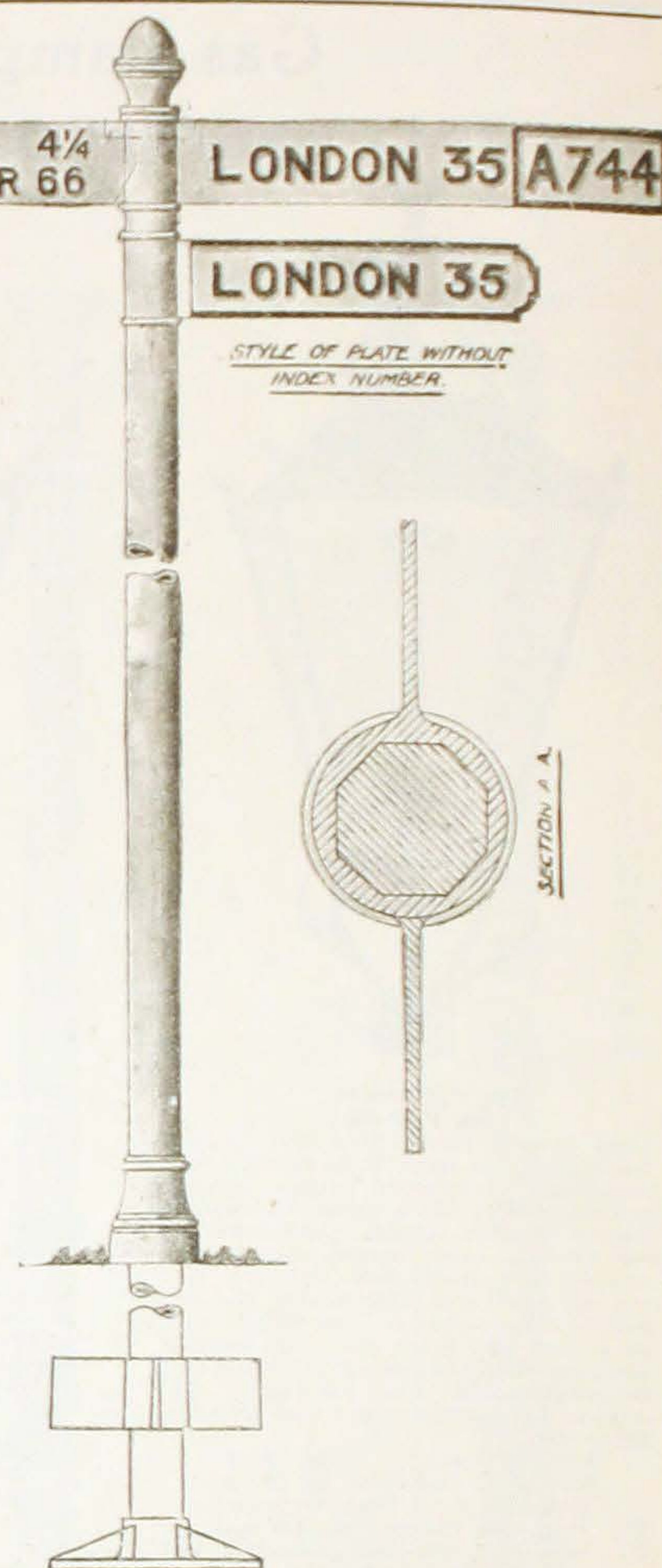
Painted two colours	...	£6 15 0 each.
Ditto with smaller base, and without four-way fixing	...	5 5 6 "
Triangle only	...	0 10 0 "
Warning Plate only	...	0 13 4 "

No. PHO 9601
ROAD DIRECTION POST.

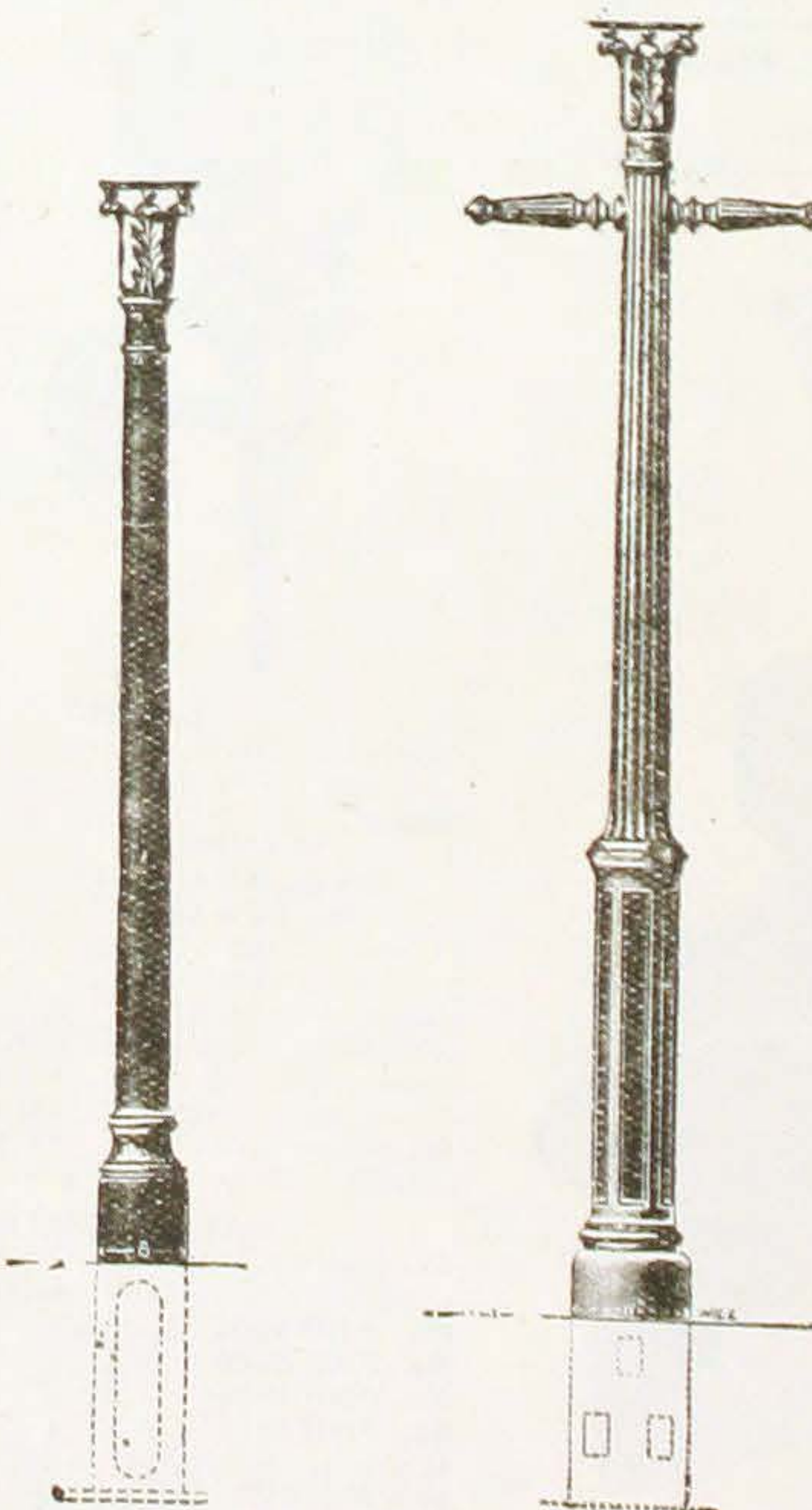
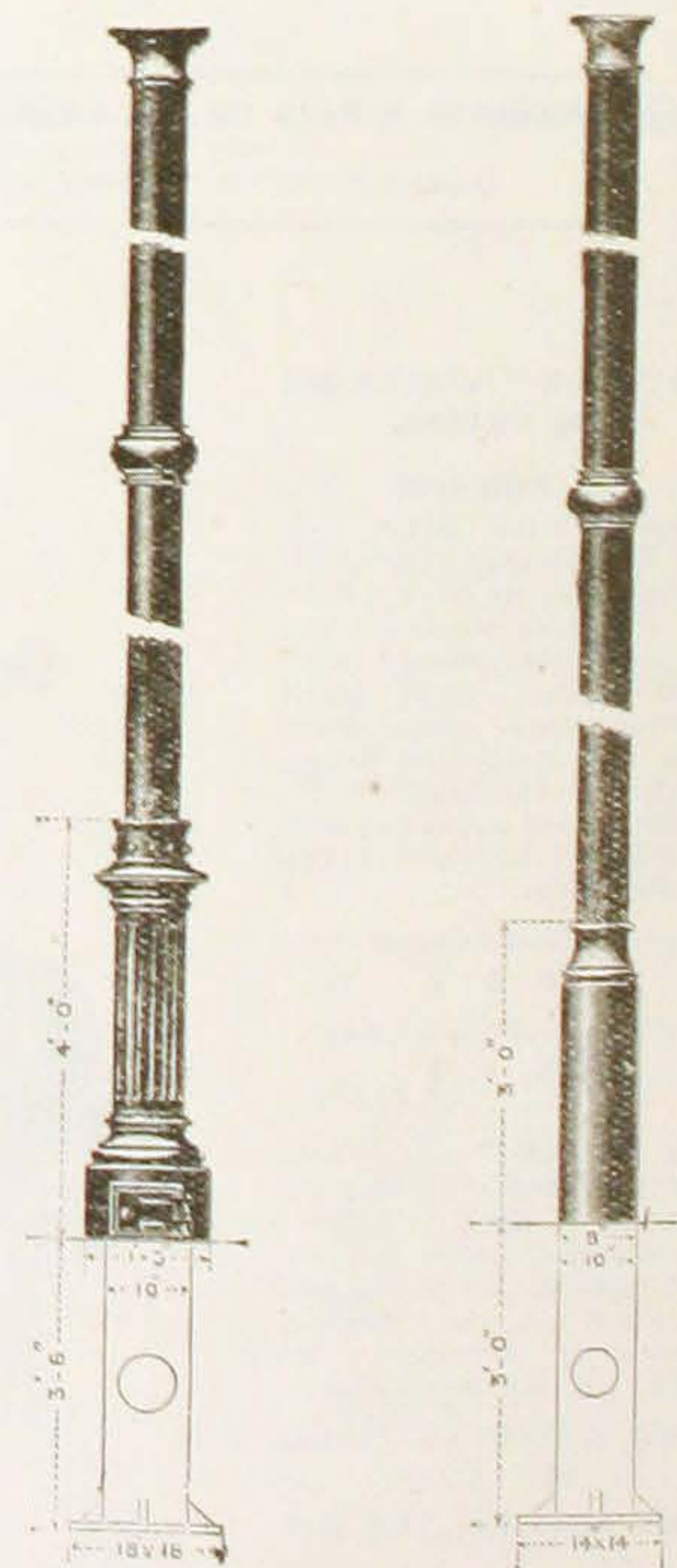
Total height above ground 11' 0" x 2' 6" under ground.

Steel Tube 4 1/4" external diameter, fitted with Cast Iron Octagon Head (enabling arms to be fixed at eight different angles). Plinth 9" deep. Four-way fixing, 6" deep. Flanged and Bracketted Base, 18" x 18". Arms 7" deep.

Painted two colours (one arm)	...	£9 2 6 each.
Ditto with smaller Base, and without Four-way fixing	...	7 14 0 "
Additional Arms, painted two colours	...	1 5 9 "



No. PHO 9601 ROAD DIRECTION POST

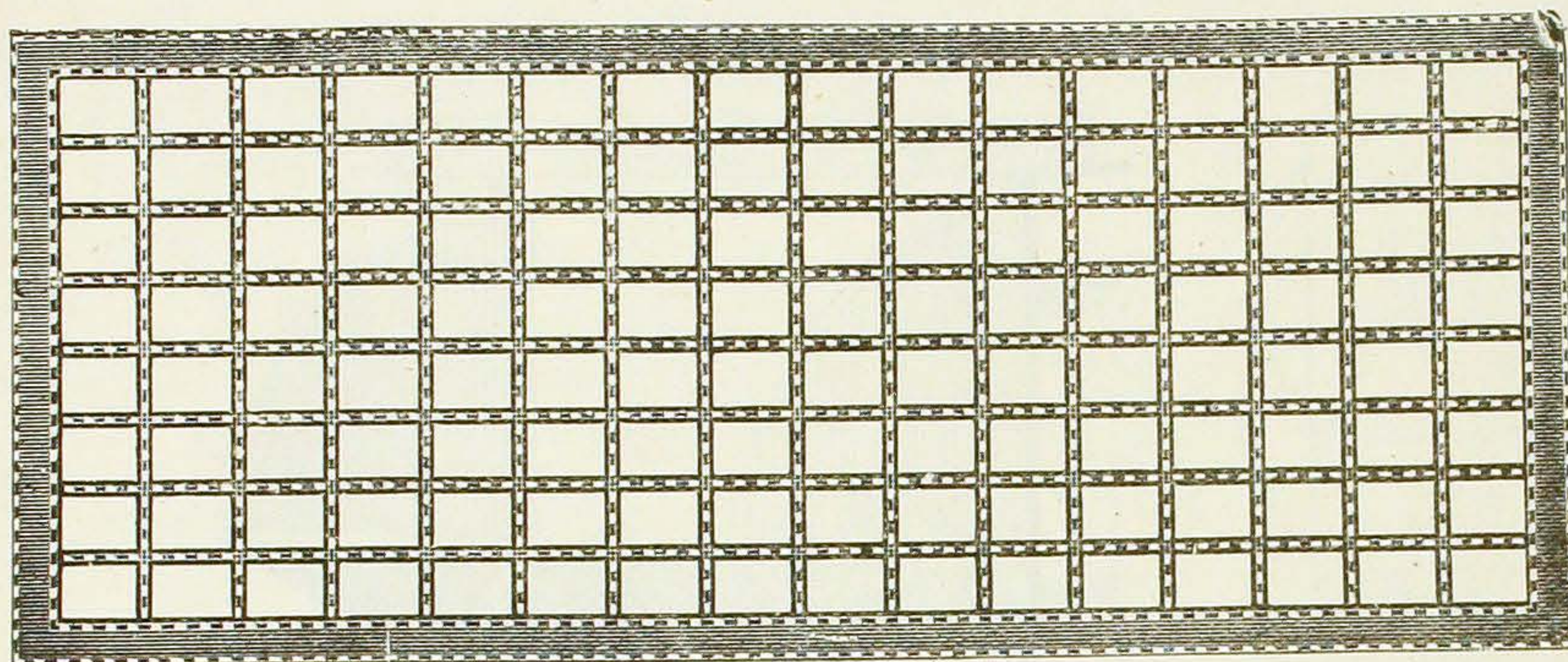
No. PHO 9603
LAMP COLUMNS.No. PHO 9604
SEWER VENTILATING SHAFTS.

No. PHO 9605

"B" Basis.

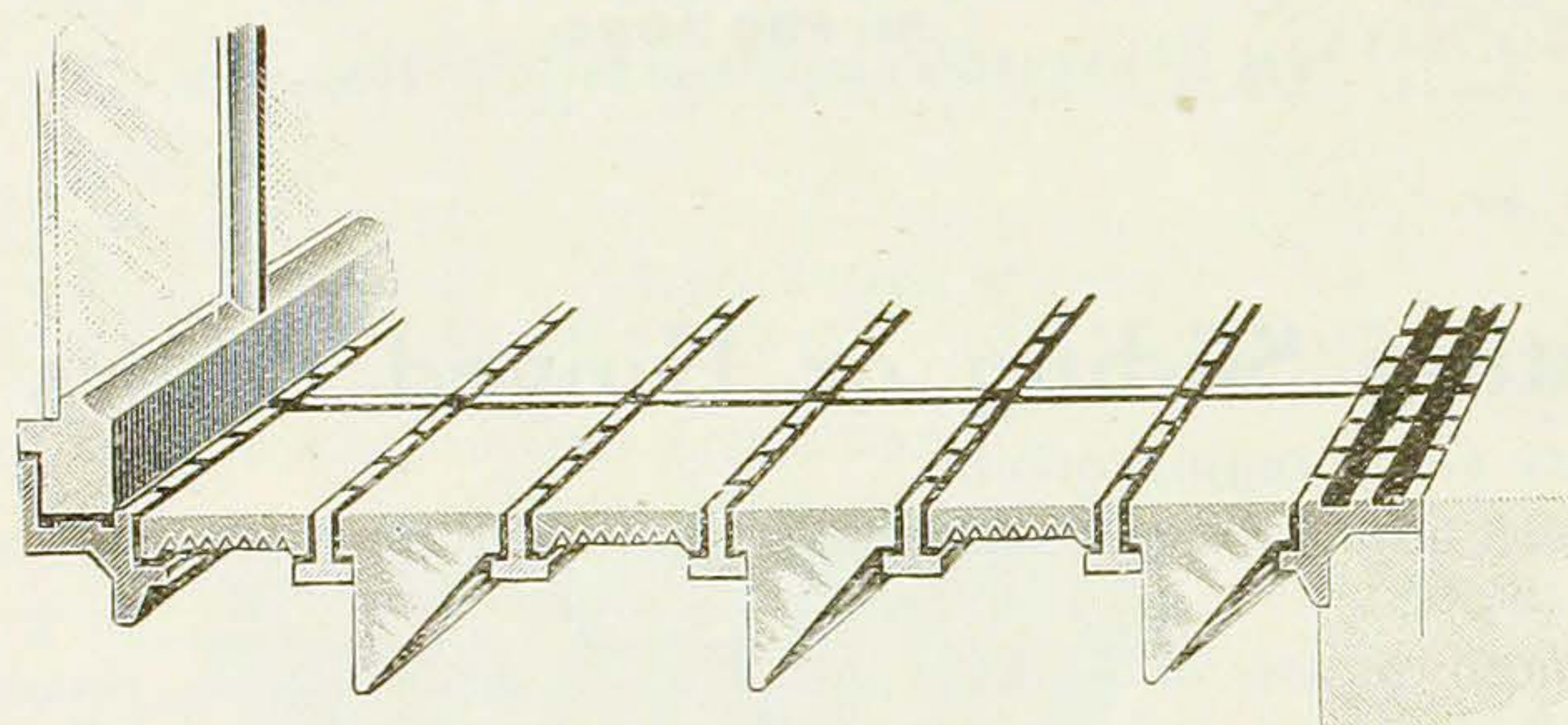
PHO—To Order only.

Pavement Lights and Coal Plates



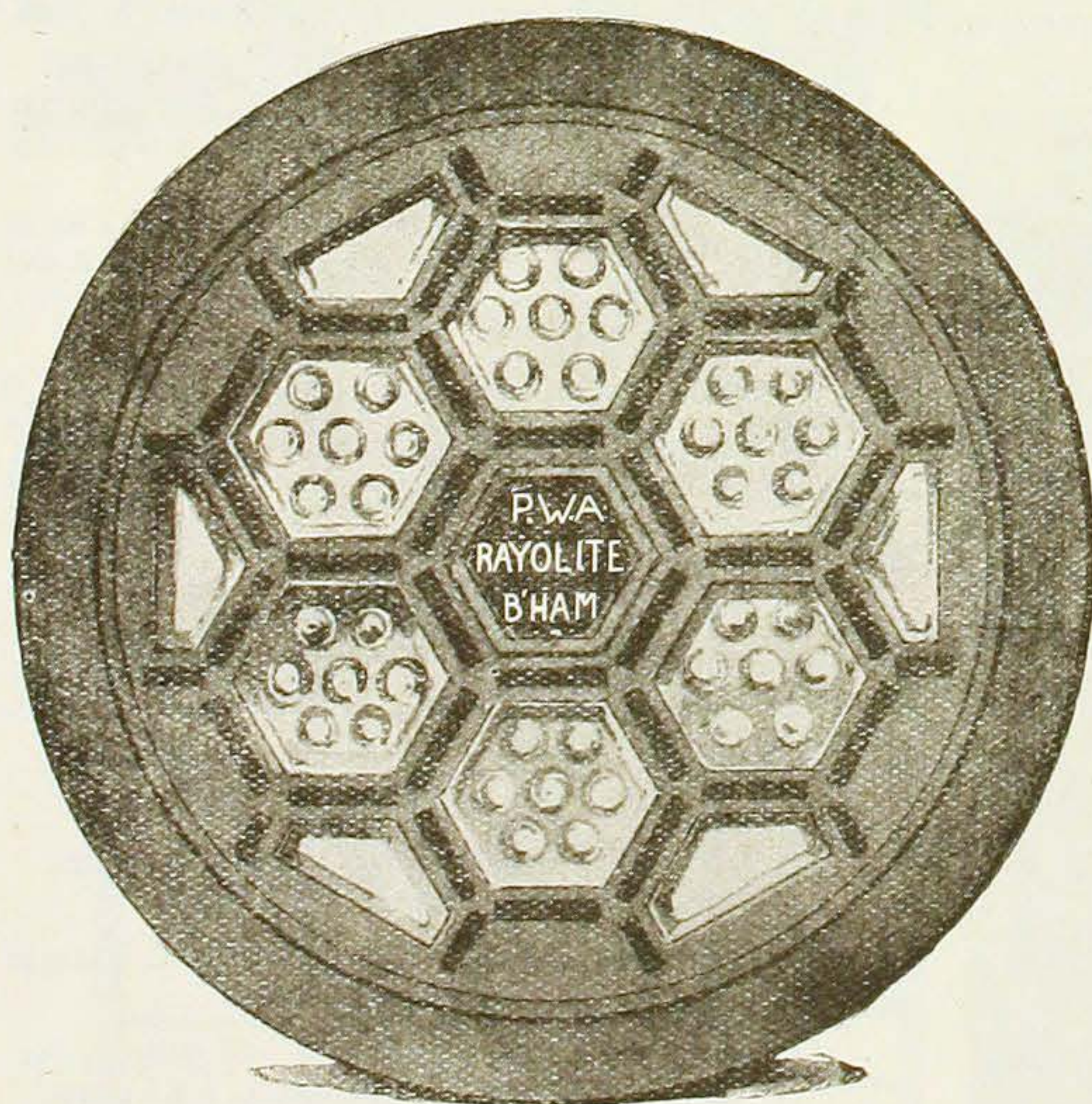
No. PHO 4990 PAVEMENT LIGHTS.

Glazed with 4" x 3" Convex (No. 9) Lenses throughout. 14/2 per foot super.
 " " Semi-Prisms (No. 1) and Convex (No. 9)
 in alternate rows ... 15/8
 " " 4" x 3" Rough Plate Glass throughout 12/5
 No one Light to contain less than 14' 0" super.



Section showing alternately semi-prism and multi-prism Glazing.

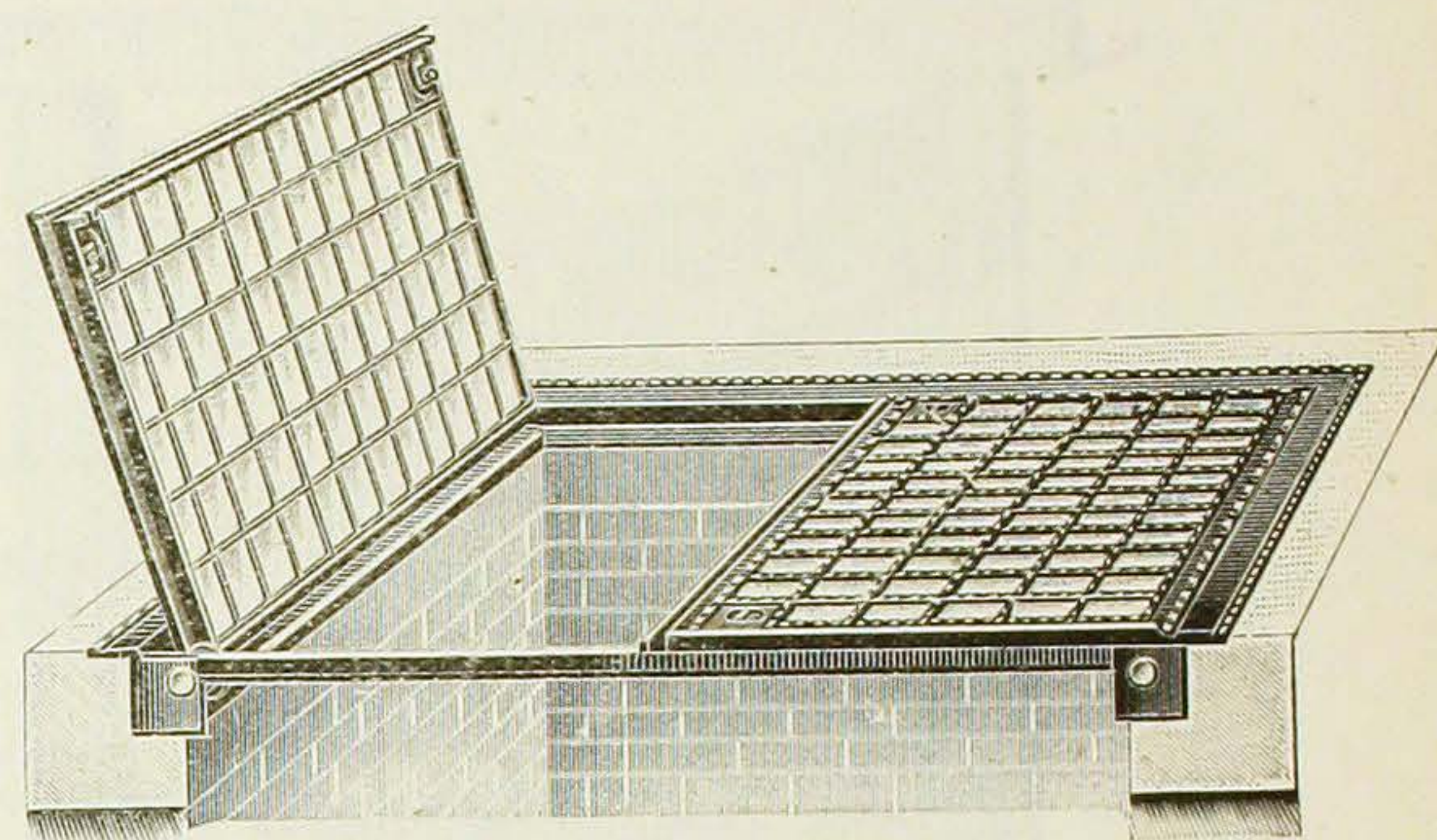
CIRCULAR PAVEMENT LIGHT.



No. PHO 5227

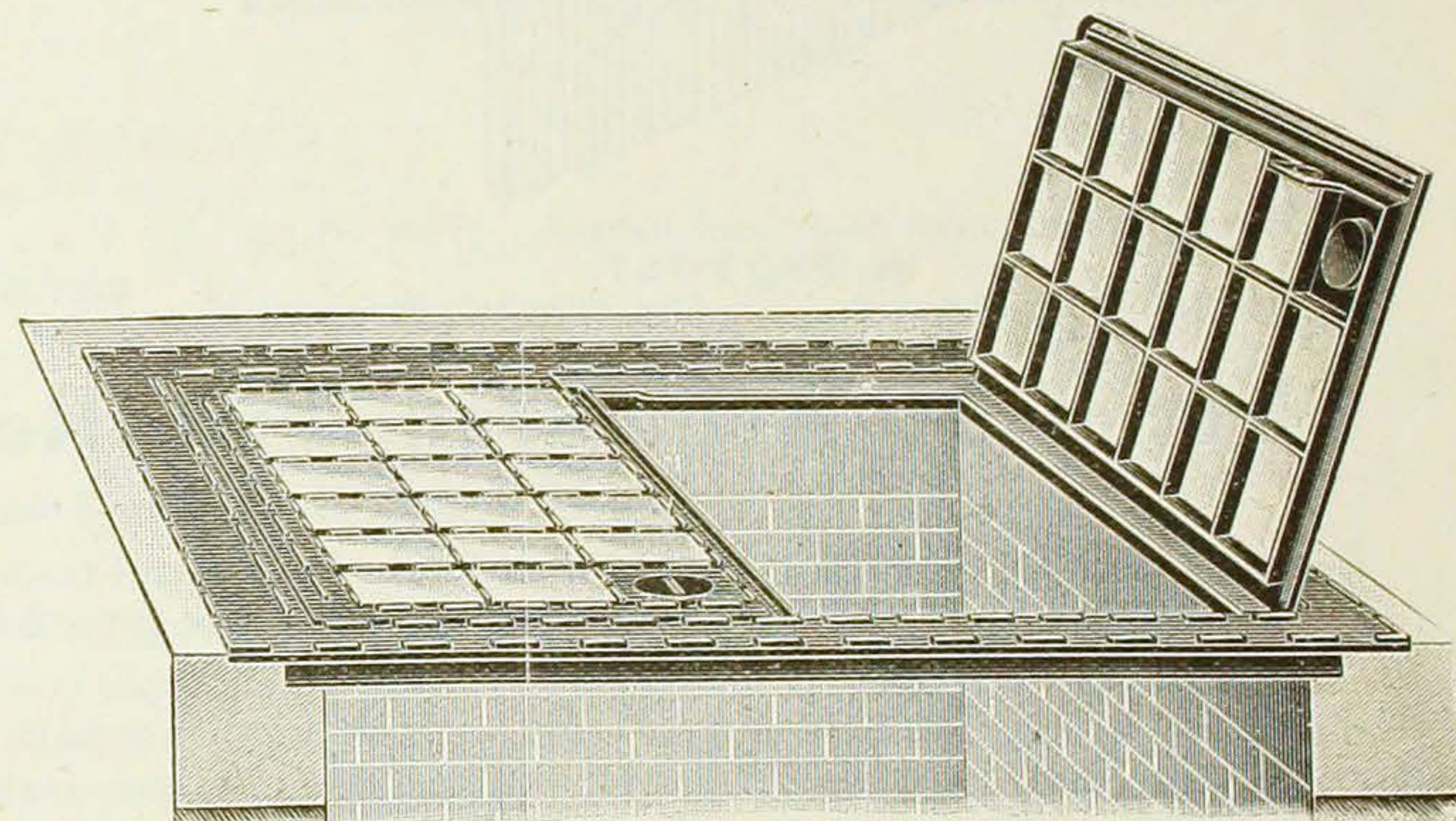
Coal Plate can be made illuminating, ventilating, or part illuminating and part ventilating.
 Extreme diameter of ring is 2" more than diameter of plate.

Size 12" plate	...	32/9 each.
" 12" self locking	...	41/-
" 14" self locking	...	44/8
" 14" self locking	...	53/8

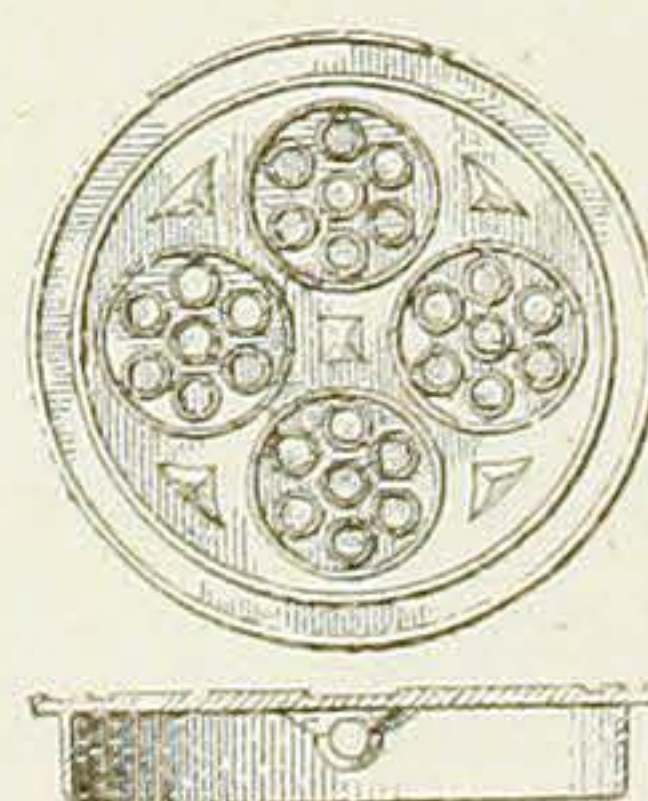


No. PHO 4991

Improved Folding Cellular Flaps, in guttered frames.
 Open back pattern.
 Prices as **No. PHO 4989** below.



No. PHO 4989 Improved Pattern. Cellular Flap, all-round gutter frame.
 Glazed with 4" x 3" Semi-Prisms (No. 1) and
 Convex Lenses (No. 9) in alternate rows from, 27/6 to 40/6 per ft. super
 Glazed with No. 5 small Semi-Prisms 4" x 3" ... 27/6 to 40/6
 Glazed with No. 9 Convex Lenses throughout,
 4" x 3" ... 25/9 to 38/10
 Glazed with Rough Plate Glass, 4" x 3" ... 24/9 to 38/-
 Lowest quotation upon receipt of full particulars.



No. PHO 5228

COAL PLATE.

Solid. Cast Iron.

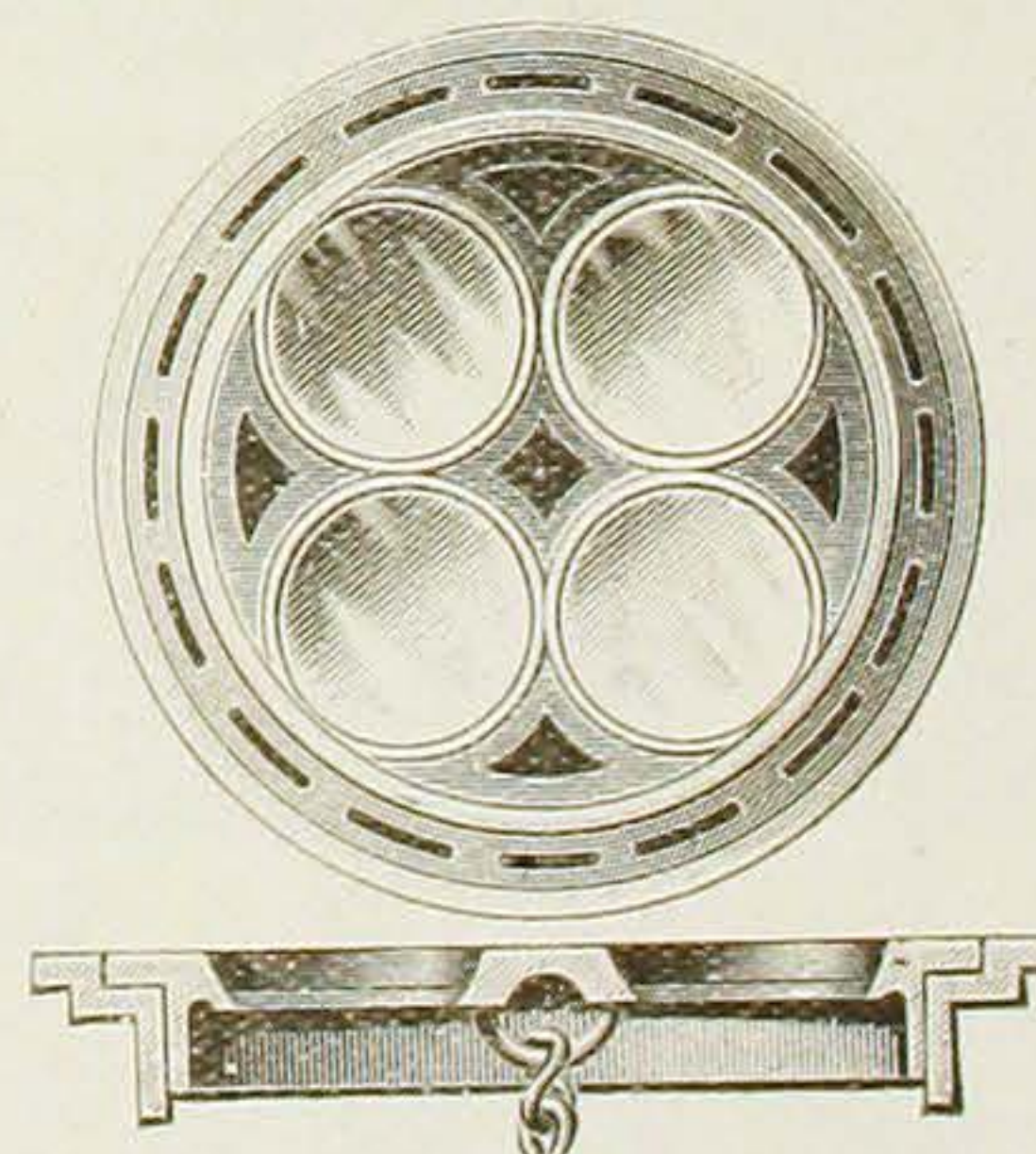
Dia.	12"	14"	16"	18"
Price	2/5	3/6	4/3	5/8 each.
Frame	2/6	2/8	4/-	4/6

The Frame is not illustrated but is made specially to suit.

No. PHO 5229

COAL PLATE. Ventilating.

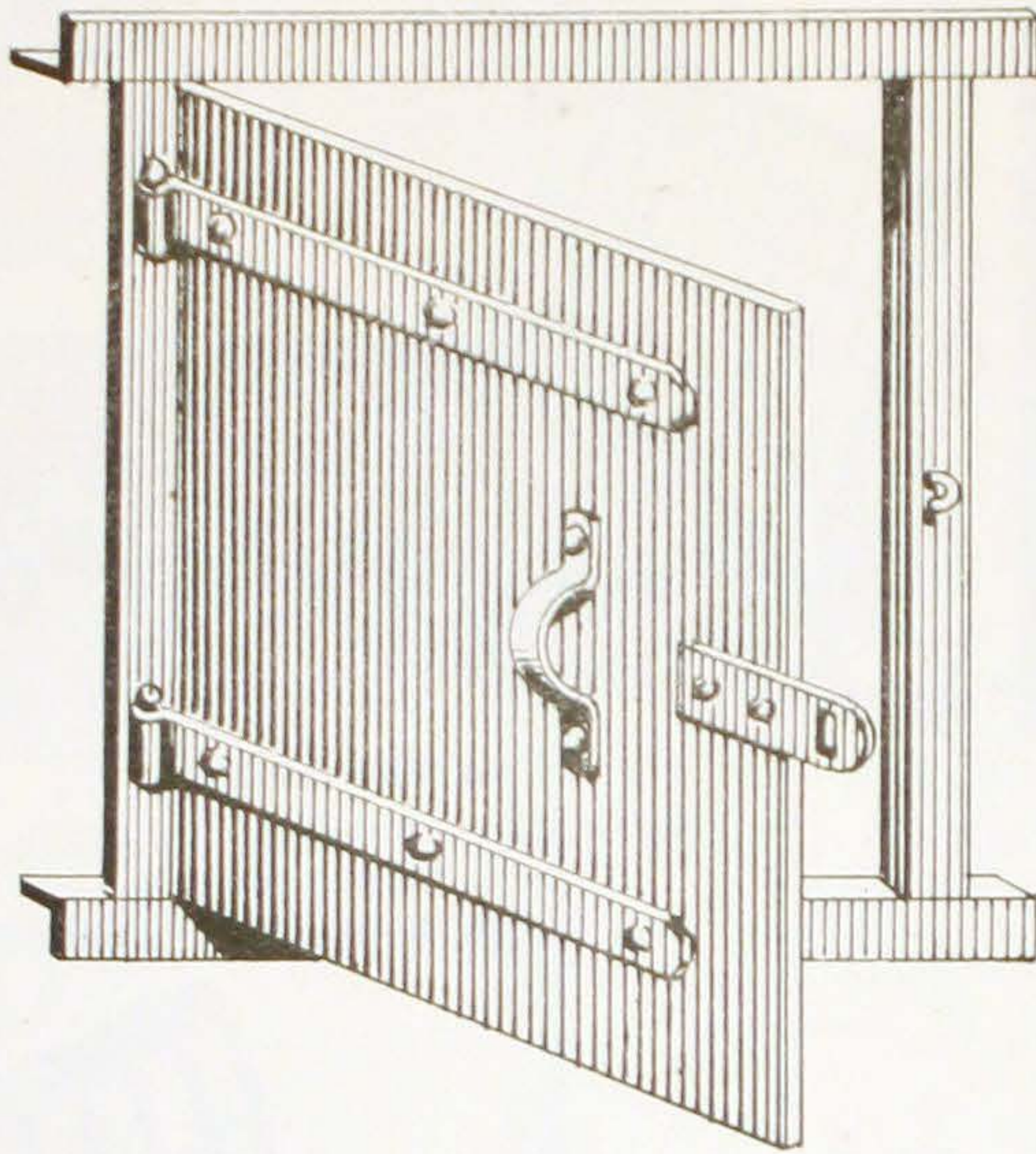
Not illustrated, but prices are as **No. PHO 5228** above.



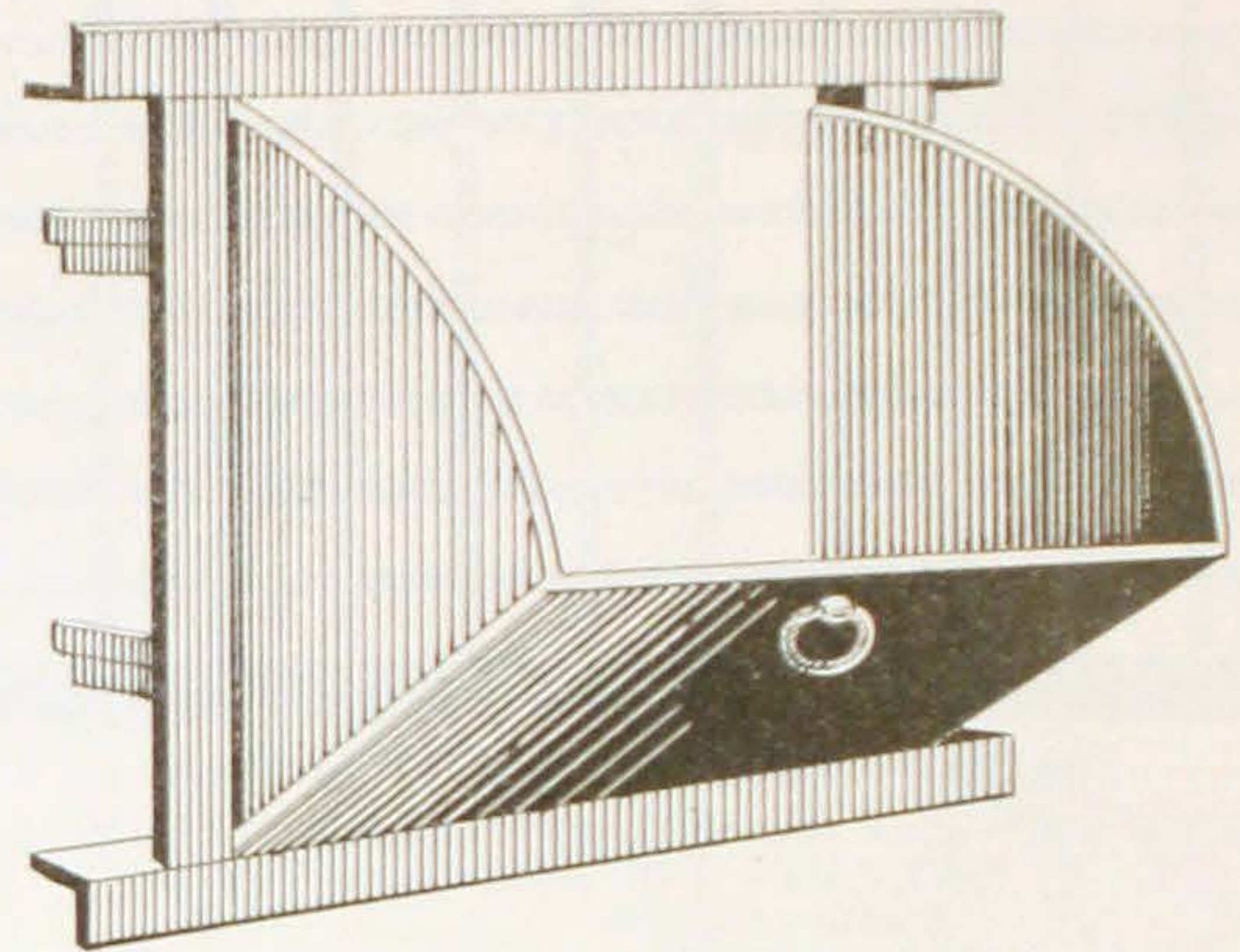
No. PHO 4992 COAL PLATES.

	16"	18"
Plain Iron, solid pattern	7/6	12/- each.
" " Ventilating pattern	15/-	21/-
Illuminating with Circular Lens	22/6	30/-
Protecting Rings	7/6	9/9
Self-Locking arrangement, extra	15/9	18/-

Soot Door, Coal Hopper, Fire Resisting Doors



Wrought Iron Soot Door and Frame. Very Strong.
No. PHQ 7051
 Size 18" x 18", 87/6 each. Size 24" x 24", 96/3 each.



Wrought Iron Coal Hopper and Frame,
 For building-in Brick or Stone work. Strong.
No. PHQ 7052
 Size 18" x 18" 96/3 each. Size 24" x 24" 105/- each.

"Ironclad" Armoured, Fire Resisting Sliding or Hinged Doors

These Doors Pass Fire Insurance Co.'s requirements.

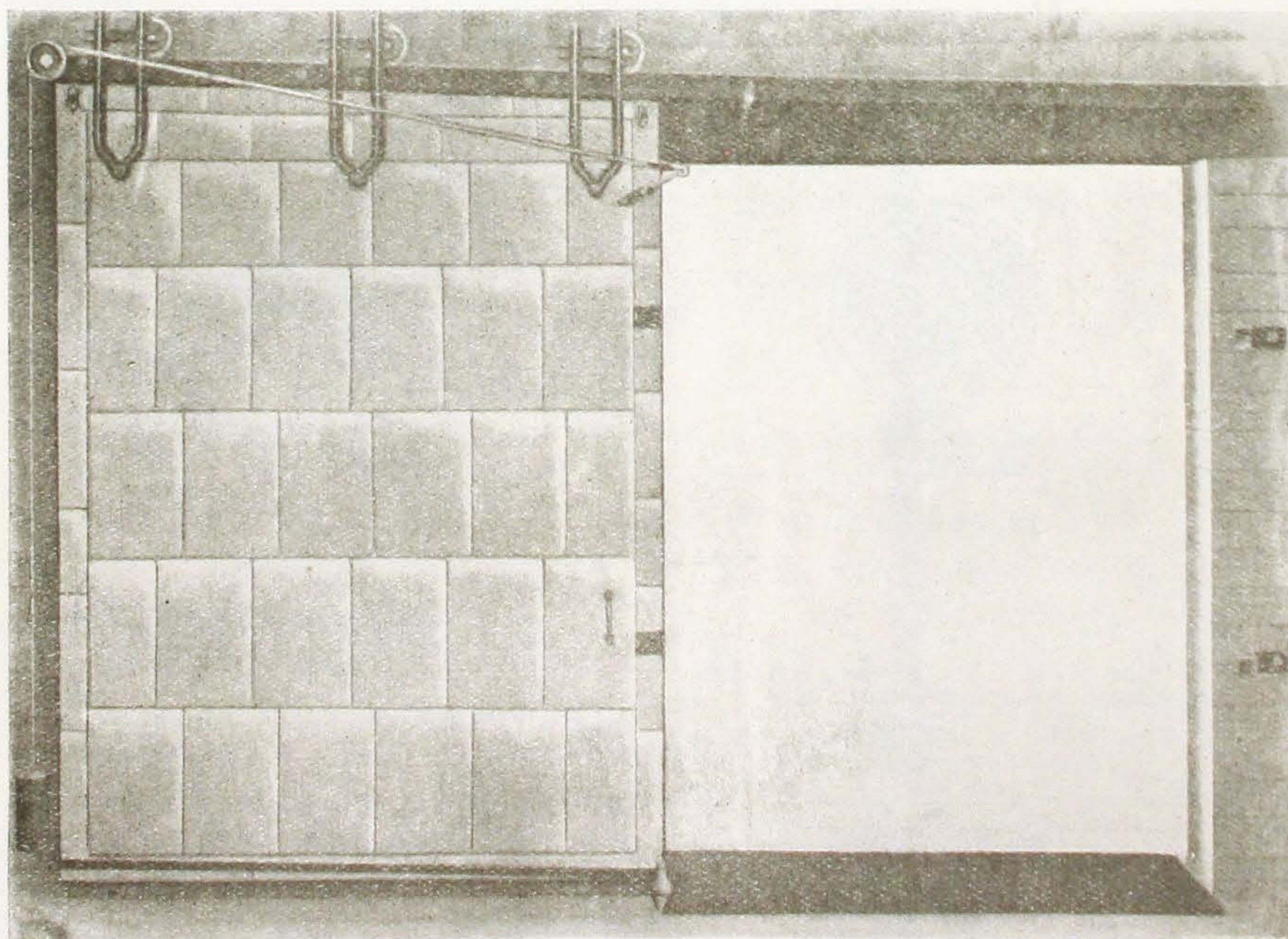
Iron Doors are a delusion and a snare, as they twist and buckle under heat and therefore offer no resistance to the fire which they are intended to check.

These Doors are constructed of three or four thicknesses (according to the area of opening) of well seasoned pine boards, planed, tongued and grooved, and bound together with wrought iron nails which are driven flush and clenched. The woodwork is completely covered with tinned-steel sheets, put on in such a manner that, whilst free to expand, they exclude the air and cannot become detached.

By excluding the atmosphere from the wood, combustion is so greatly retarded that an exposure of several hours to the flames results usually in the timber becoming carbonised to the depth of only a fraction of an inch.

Such doors have been repeatedly brought into service in cases of actual fire and have **never been known to fail.**

These doors can be supplied fitted with our **Automatic Apparatus** for self-closing in case of fire at a small extra cost.



Style **No. PHO 6610** Gravity-closing Door with Automatic Self-Closing Fittings.

Doors for Openings not exceeding 35' in area are constructed of three thicknesses; exceeding 35' four thicknesses of timber.

For Gravity-closing Fire Doors the Track should be put on an incline of from $\frac{1}{2}$ to $\frac{3}{4}$ of an inch to the foot, $\frac{1}{2}$ is enough for a 6' or wider door.

Doors should lap opening 3" top and sides.

If the sides or head of doorway are built of Bull-nosed bricks, allow $4\frac{1}{2}$ " or 6" instead of 3" lap.

N.B.—Under the Tariffs of the English Insurance Companies, openings to be protected by fire-proof doors must not exceed 9' in height or 7' in width or 56 super feet in area, unless specially passed by the Insurance Company.

EXTRACTS FROM TESTIMONIALS.

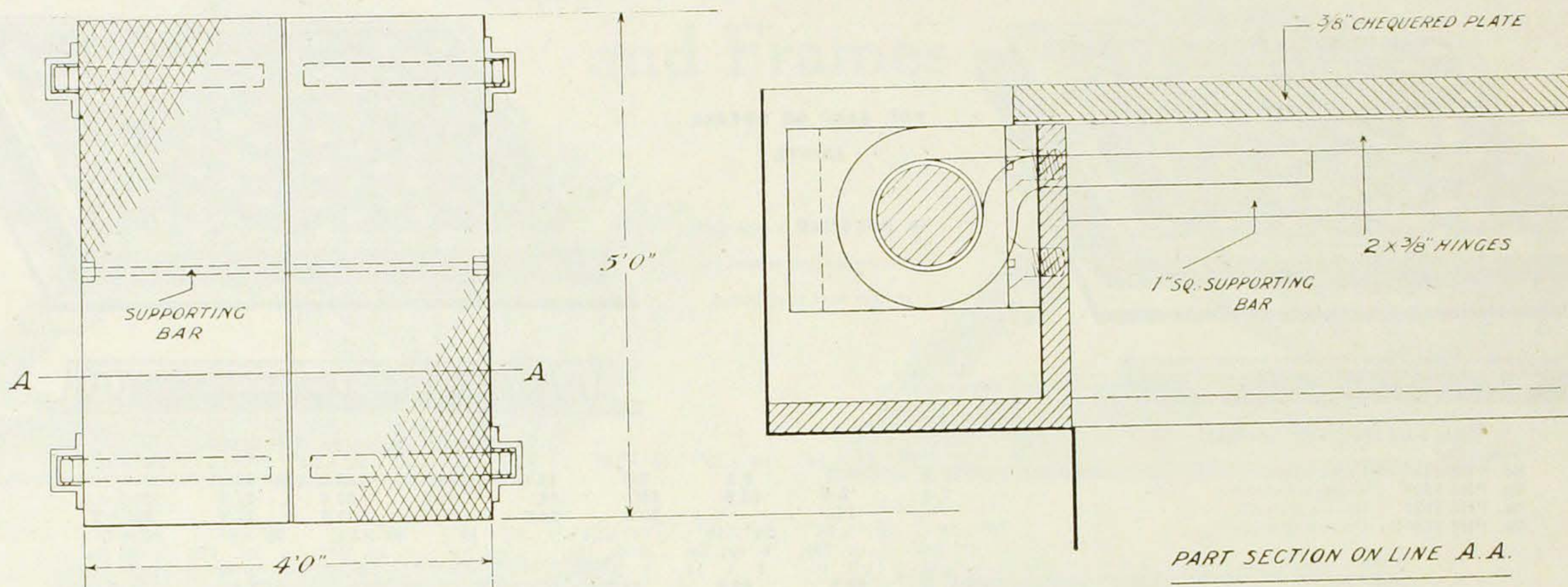
"One door on each floor saved approximately £45,000."

"The place was like a furnace, but your door saved the larger portion of building, and everyone who saw the fire was astonished at the way the doors resisted the fire."

"Stock value £20,000 and four-storey building saved. Doors were exposed to the fiercest part of the flames, but shew very little damage."

PRICES QUOTED ON RECEIPT
 OF FULL DETAILS.

Cellar Doors, Windows and Window Frames



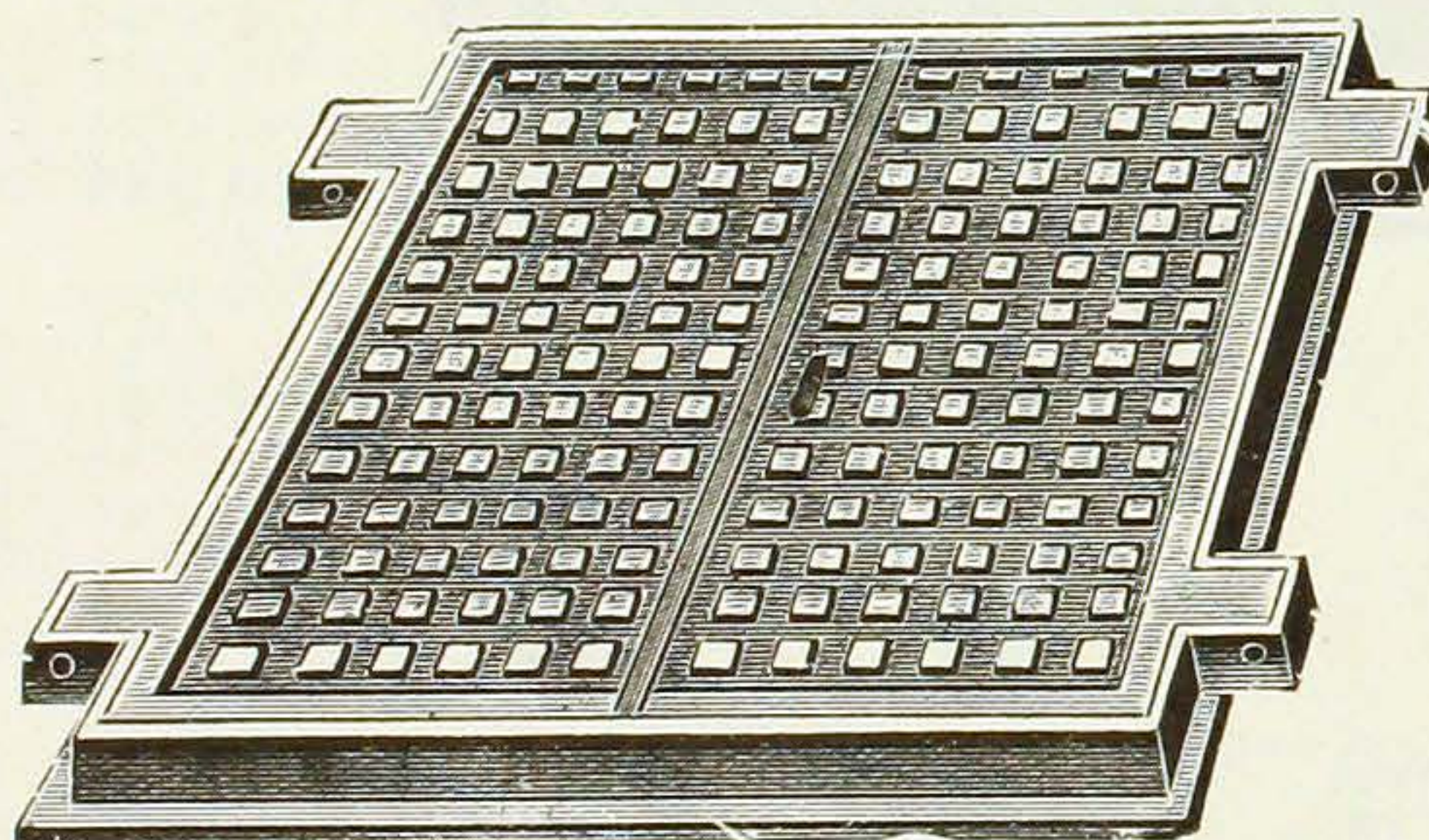
DETAILS OF WROUGHT IRON CELLAR DOORS & FRAMES

No. PHO 5321

Size 5' 0" by 4' 0" Wrought Iron, as above	...	...	...	...	...	...	...	...	...	£10 2 6 per pair.
„ 6' 0" by 4' 6" „ „ „ „	...	...	...	...	...	...	...	...	...	11 12 6 „ „

Any size quoted for upon receipt of particulars.

C.I. CELLAR DOORS AND FRAMES.



No. PHO 5226

3' 0" x 3' 6"	...	...	Price	101/3 per set.
3' 0" x 4' 0"	...	...	„	112/6 „
3' 6" x 4' 0"	...	...	„	123/9 „
4' 0" x 4' 0"	...	...	„	132/2 „
4' 0" x 4' 6"	...	...	„	143/6 „
4' 0" x 5' 0"	...	...	„	166/- „
4' 6" x 6' 0"	...	...	„	213/9 „

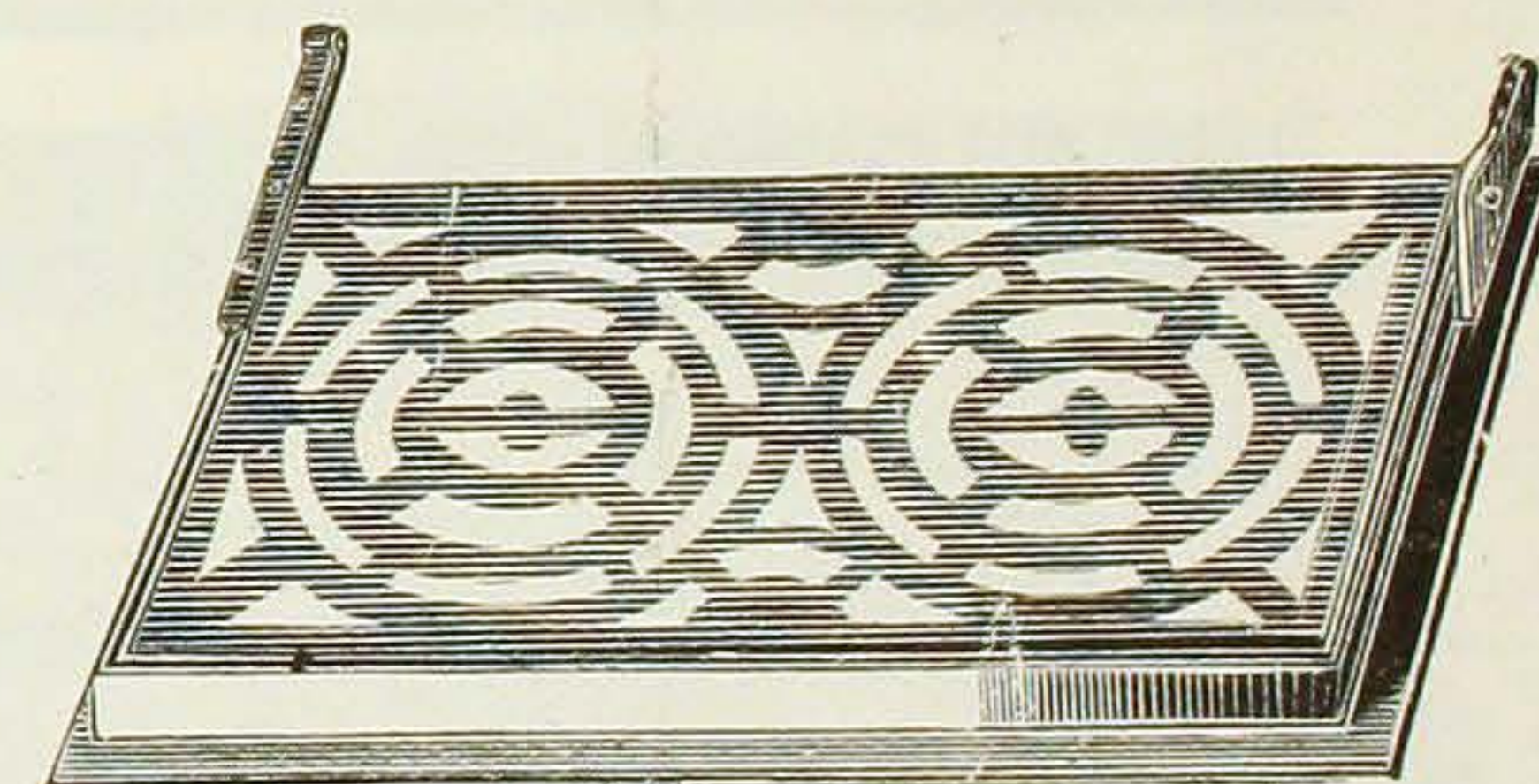
CAST IRON "STAR" PATTERN CELLAR WINDOW.



No. PHS 5344

Size 24" x 12"	...	6/9 each.
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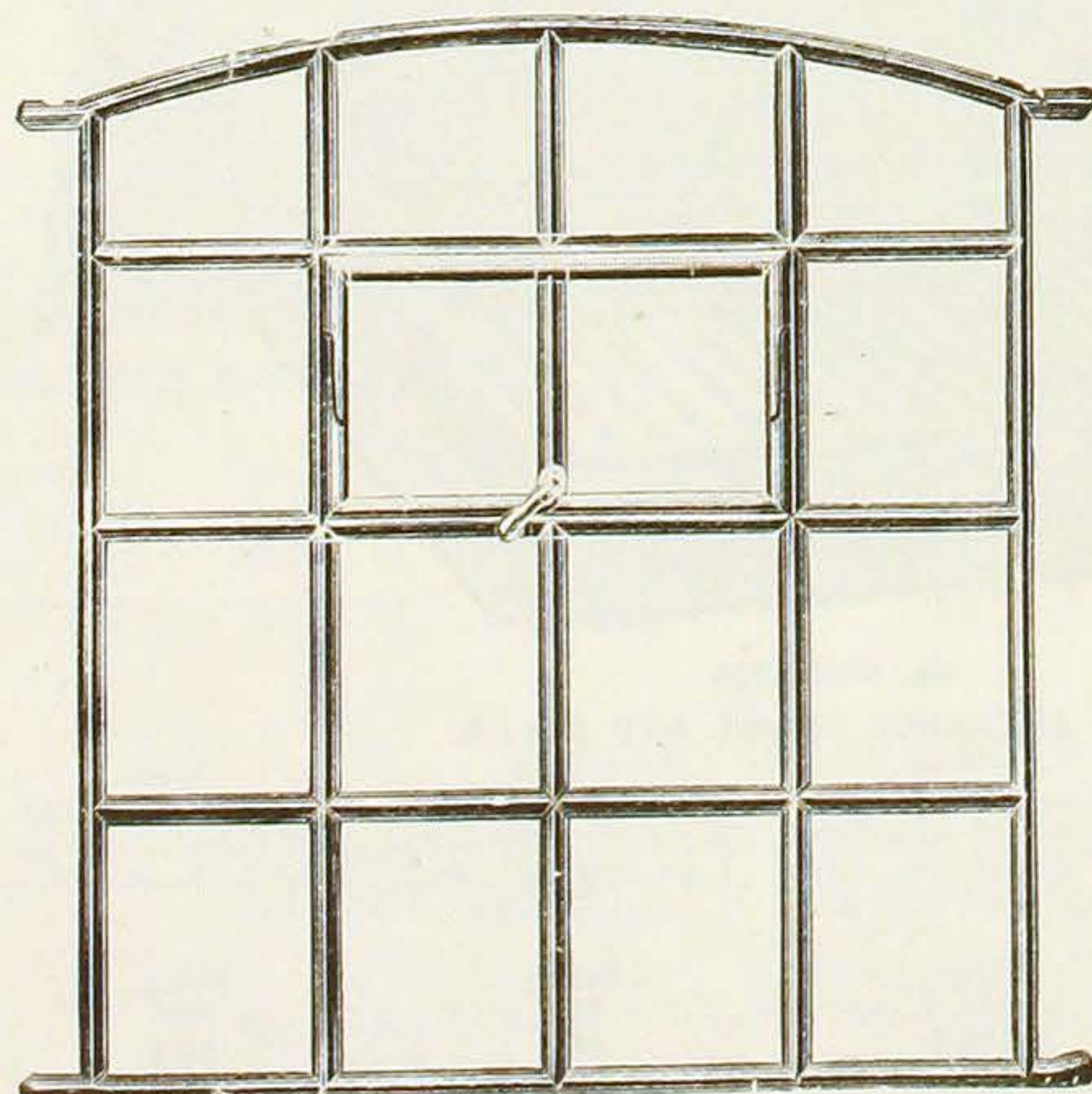
CAST IRON CIRCULAR PATTERN STRONG CELLAR WINDOW.



No. PHS 5345

Size	...	24" x 12"	30" x 15"	36" x 18"
Approx. Weight	...	45	77	112 lbs.
Price	...	10/3	16/6	24/- each.

Or alternatively 24/- per cwt.



No. PHS 5201

CAST IRON WINDOWS.

No. PHS 5201

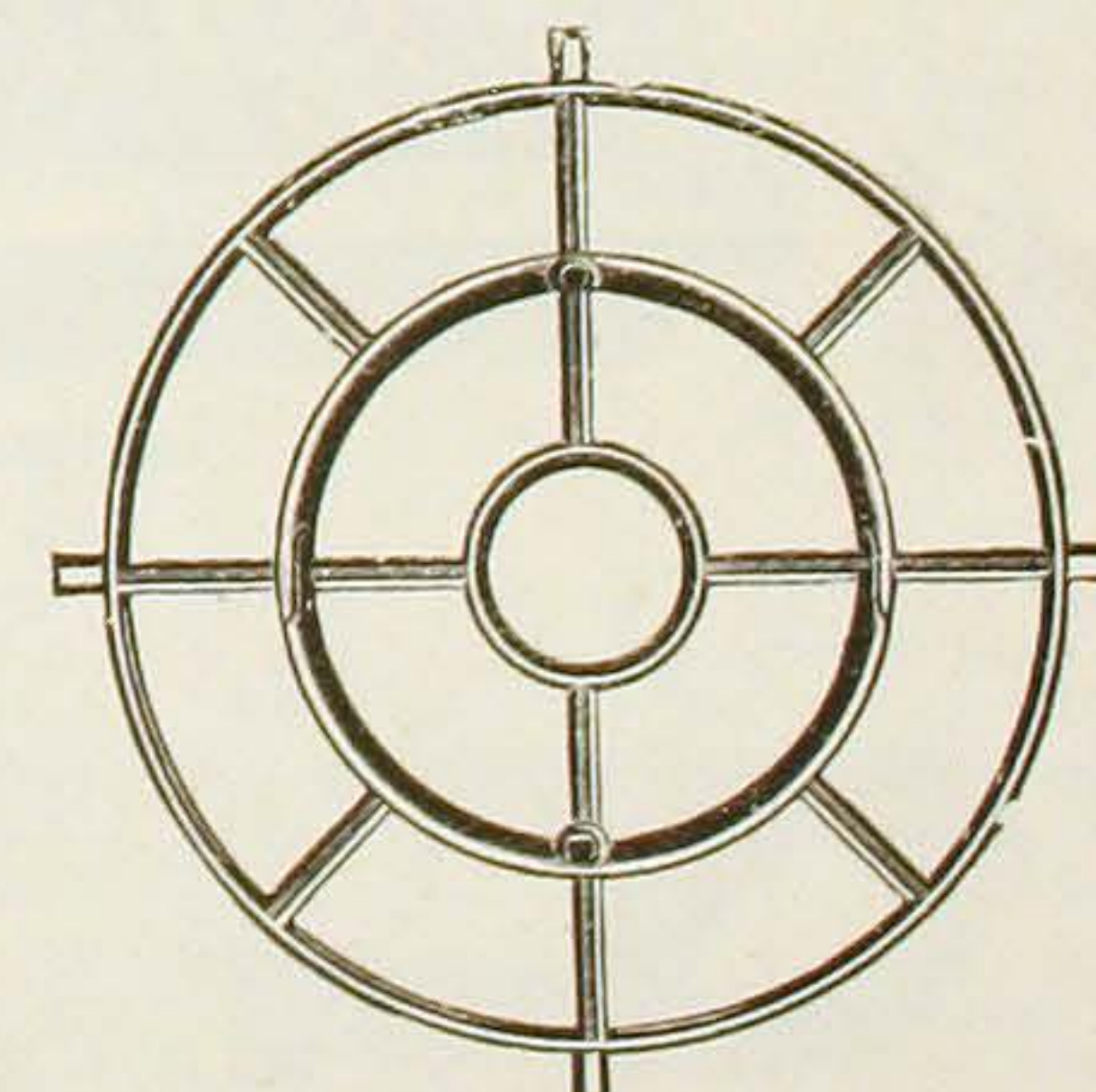
Size	1' 6" x 2' 2"	2' 0" x 2' 6"	2' 6" x 3' 0"
Price	5/9	9/-	13/2 each.
Size	3' 0" x 3' 0"	3' 0" x 3' 6"	3' 0" x 4' 0"
Price	14/8	17/3	19/6 each.
Size	3' 0" x 4' 6"	Stock patterns larger than this	
Price	22/- each.	1/8 per sq. foot.	

CIRCULAR C.I. WINDOWS.

No. PHS 5204

Size 2' 0" Deadlight.

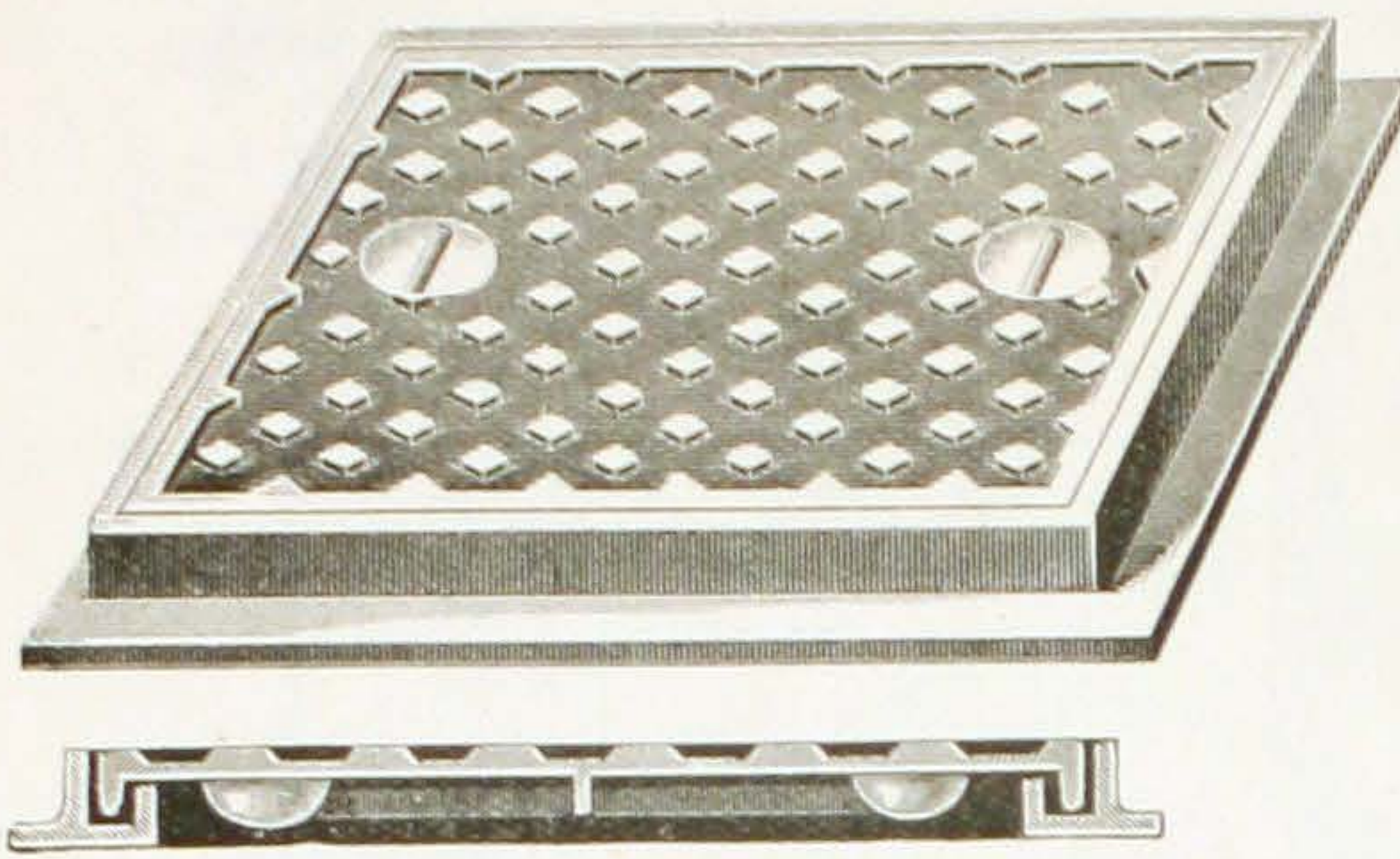
Price	...	6/9 each.
Size	2' 0" 2' 6" 2' 9" 3' 0" 3' 6" 4' 0" to open.	
Price	17/3 24/6 29/8 31/6 33/- 42/9 each.	



No. PHO 5204

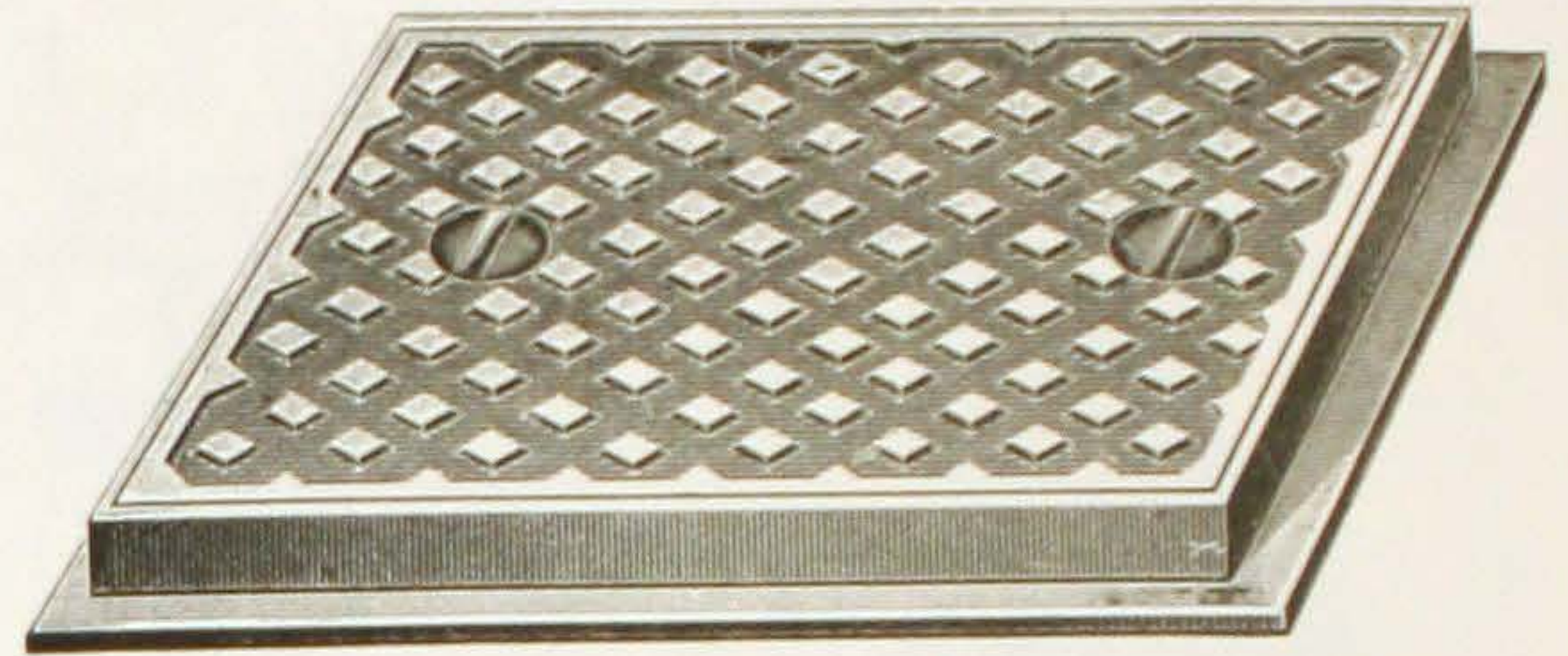
Air-Tight Inspection Covers and Frames

PRICED EACH.



FOR SAND OR GREASE
JOINTS.

No. PHS 5296D is especially
recommended where a
perfect seal is required.



No. PHS 5294, 5295 and 5296

Inside size
No. PHS 5294 Light Pattern
No. PHS 5295 Medium Pattern
No. PHS 5296 Heavy Pattern
No. PHS 5296D Double Sealed

Approx weight
Price

9" x 9"	12" x 12"	15" x 15"	18" x 15"	18" x 18"	24" x 18"	30" x 18"	24" x 24"	30" x 24"	36" x 24"
4/3	5/9	8/9	9/3	9/3	12/3	22/-	20/2	22/-	30/8
	7/6	14/-	12/9	14/-	14/-	26/3	23/6	27/6	46/10 1/2
				20/8	24/6		29/4	37/9	55/6 each
	18" x 18"	24" x 18"	24" x 18"	24" x 24"	30" x 18"	30" x 24"	30" x 24"	30" x 24"	36" x 18"
	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.	c. gr. lbs.
	0 3 16	1 0 0	1 1 14	1 2 21	1 1 14	1 1 21	1 3 21	1 3 21	1 3 14
	26/3	29/6	40/6	49/8	40/6	42/6	57/3		

EXTRAS.—Screwed down with two brass screws

four

Painted (up to size 24" x 18")

If key-holes in lieu of hand-holes, including one Brass Key

3/6 extra

7/-

1/- each extra.

1/-



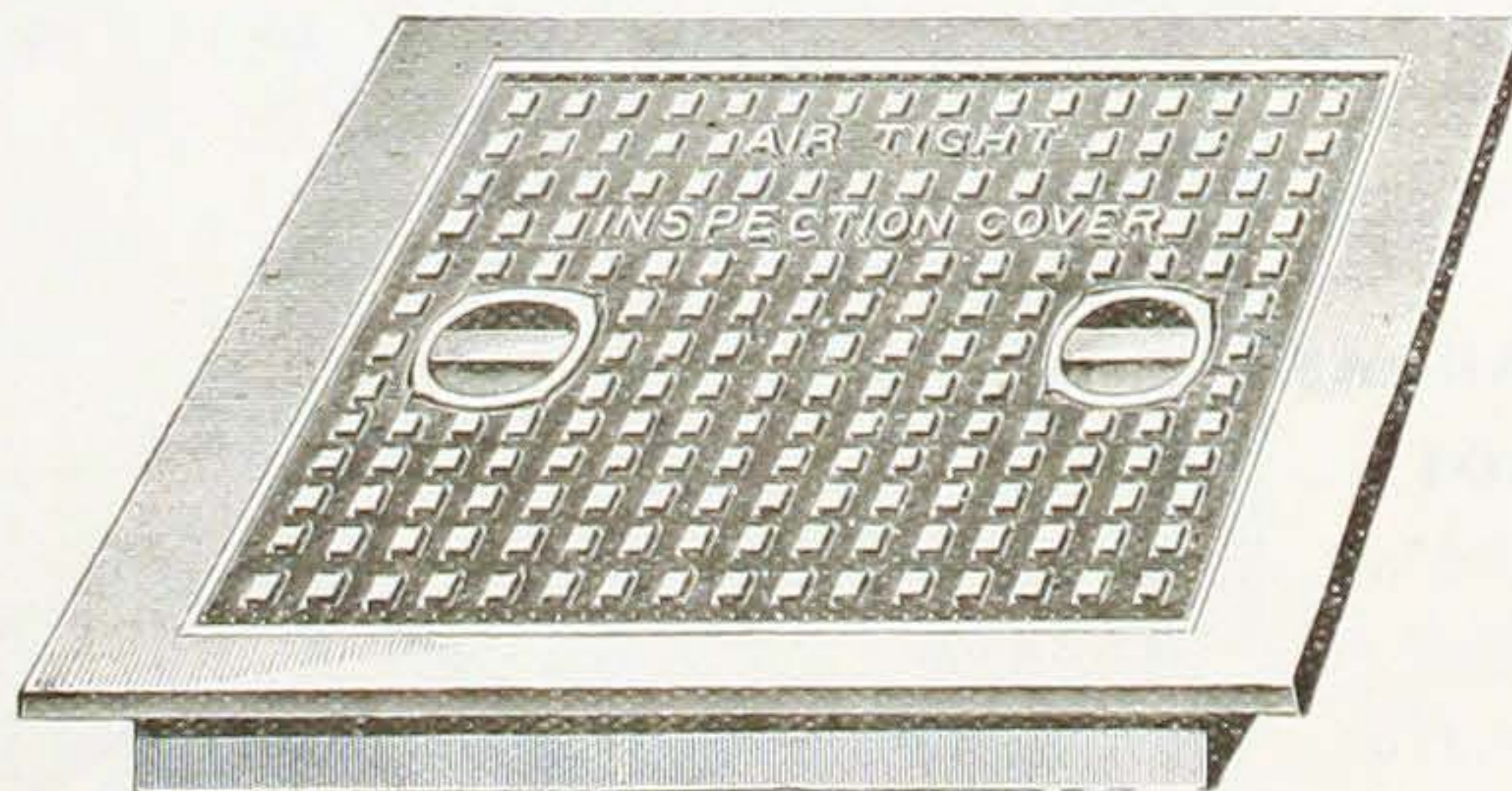
No. PHQ 5298

For Tiles or Cement Grease or Sand Joints.
Cover recessed 1". Overall depth 3"

Sizes inside. Inches.	Approx. Weights. cwt. qrs. lbs.	Prices each.	Sizes inside. Inches.	Approx. Weights. cwt. qrs. lbs.	Prices each.
12 x 8	0 1 24	13/10	22 x 22	1 1 21	42/2
14 x 14	0 2 21	20/3	24 x 24	1 2 7	46/-
18 x 12	0 3 4	23/-	30 x 12	1 0 14	33/3
18 x 18	1 0 7	31/-	36 x 24	2 1 7	68/2
24 x 18	1 1 7	38/9			

Malleable Lifters, 1/9 each.

Painted, 5% extra.



For Fitting into Stone.

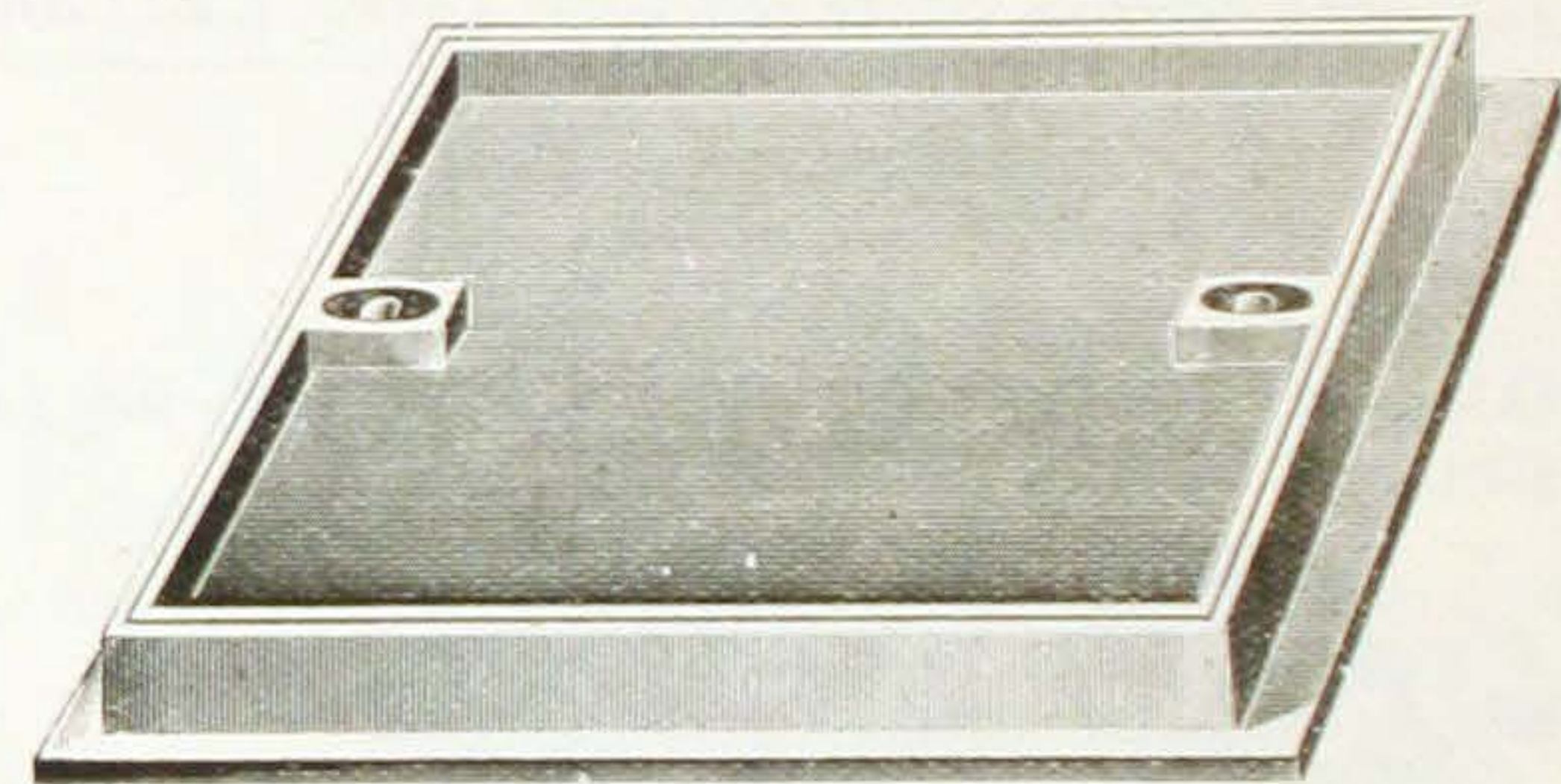
No. PHQ 5233

Size	9" x 9"	12" x 12"	14" x 14"	18" x 12"	18" x 15"	
Weight in cwt., qrs., lbs.	0-0-13	0-1-10	0-1-16	0-1-16	0-3-0	
Price	5/2	11/-	14/-	15/4	22/9	
Size	18" x 18"	18" x 18"	24" x 18"	24" x 18"	24" x 18"	
Weight in cwt., qrs., lbs.	0-1-16	1-0-0	0-2-0	0-3-0	1-0-0	
Price	14/8	27/2	16/3	22/8	27/8	
Size	24" x 24"	24" x 24"	30" x 18"	30" x 18"	30" x 24"	36" x 24"
Weight in cwt., qrs., lbs.	0-3-7	1-1-0	1-0-0	2-2-0	1-0-0	1-1-14
Price	27/6	35/-	32/3	66/2	34/2	46/2

"B" Basis.

PHS—Stock Lines in most sizes;

PHQ—Quick Delivery.

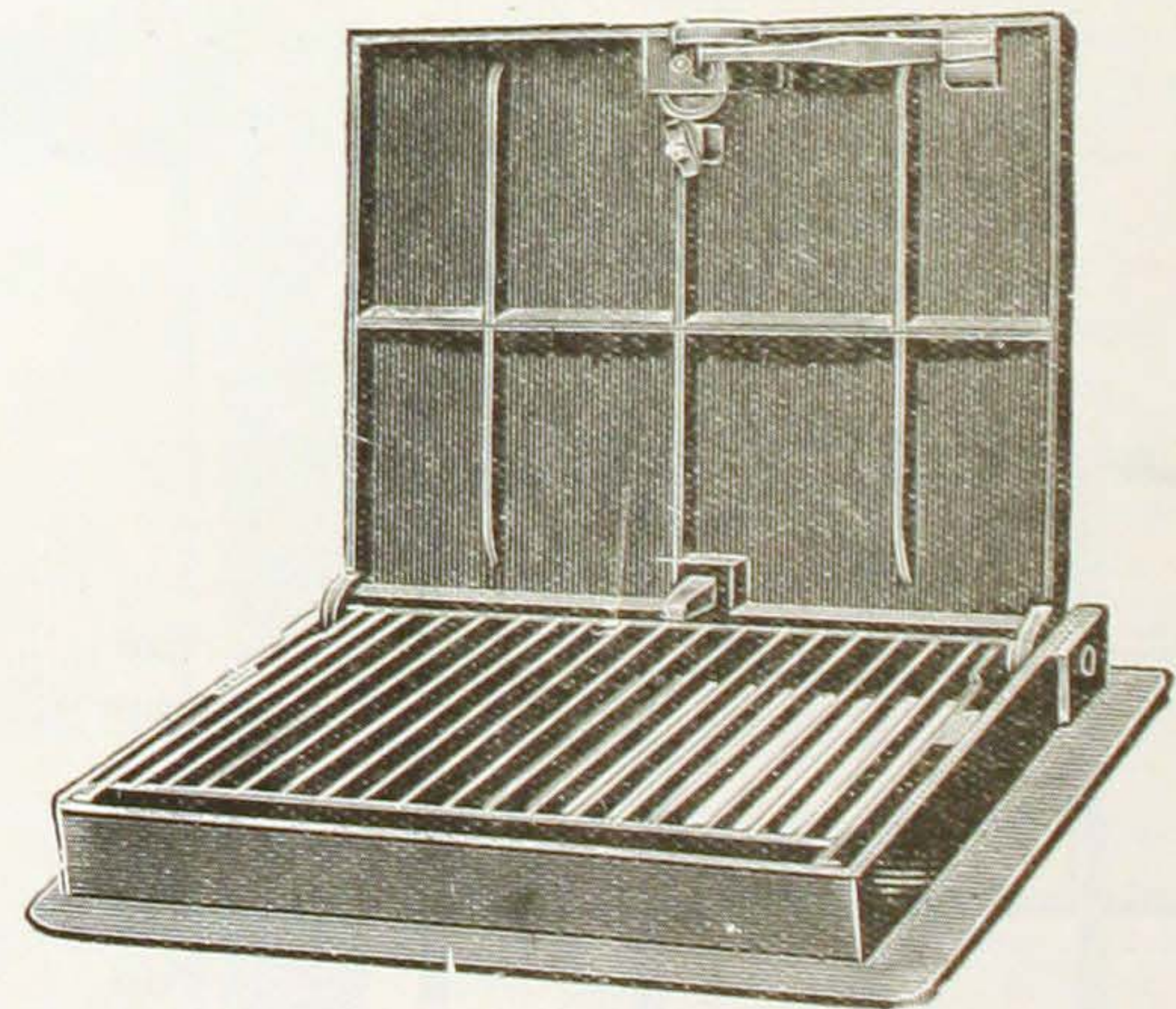


No. PHQ 5232

To take Tiles or Mosaic.
Approx. weight.

Price each.

Size.	c. gr. lbs.	Price each.
12" x 8"	0 1 10	8/8
12" x 12"	0 2 7	12/10
18" x 18"	0 2 21	16/4
24" x 18"	0 3 12	20/8
24" x 24"	1 0 11	28/6
30" x 24"	1 1 20	35/6
To take Concrete.		
24" x 16" x 6" deep	1 2 10	52/6
24" x 18" x 3"	1 1 0	30/3
24" x 18" x 3"	2 1 0	46/2
30" x 24" x 3"	2 2 0	54/8



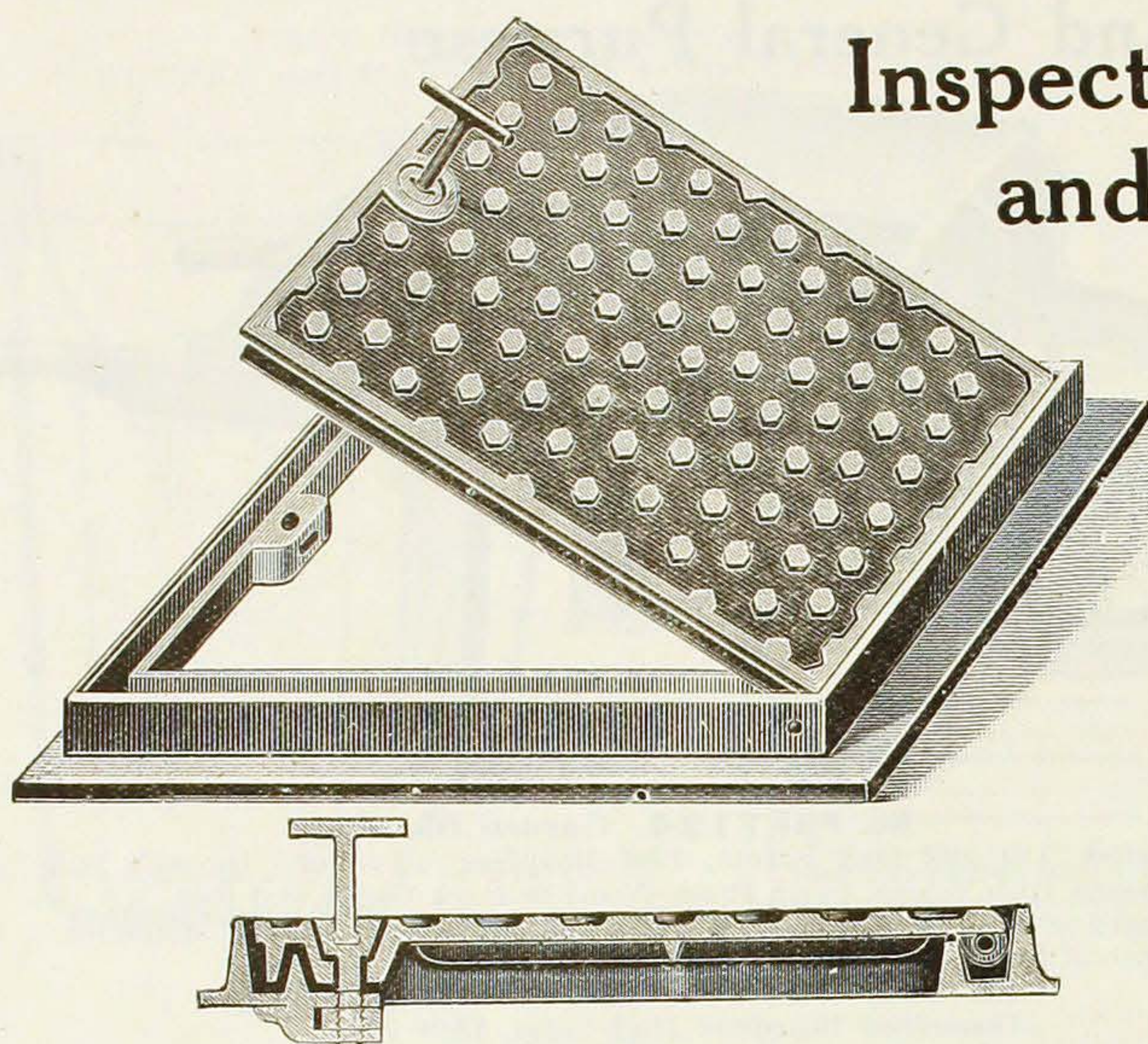
No. PHQ 5234

SIDE ENTRANCE FRAME AND COVER.

With Cast Iron Frame and Door, Wrought Iron Grating, Lock and Key.	With Cast Iron Frame, Wrought Iron Door, Wrought Iron Grating, Lock and Key.	With Cast Iron Frame, Wrought Iron Door, Lock and Key, with- out Grating.	With Cast Iron Frame and Cover, Lock and Key, without Grating.
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Size Clear opening.	Price.	Price.	Price.	Price.
18" x 18"	115/6	131/3	73/6	60/-
20" x 20"	126/-	138/9	84/-	64/2
24" x 18"	136/6	157/6	99/9	73/6
24" x 24"	147/-	168/-	126/-	84/-
30" x 26"	204/9	239/6	170/3	115/6
30" x 30"	210/-	252/-	189/-	143/-
36" x 30"	231/-	273/-	214/3	168/-
36" x 36"	304/6	304/6	264/8	208/-

Inspection Covers and Frames



No. PHS 5297 Heavy.

Hinged. With Lock and Key. For Sand or Grease Joints.

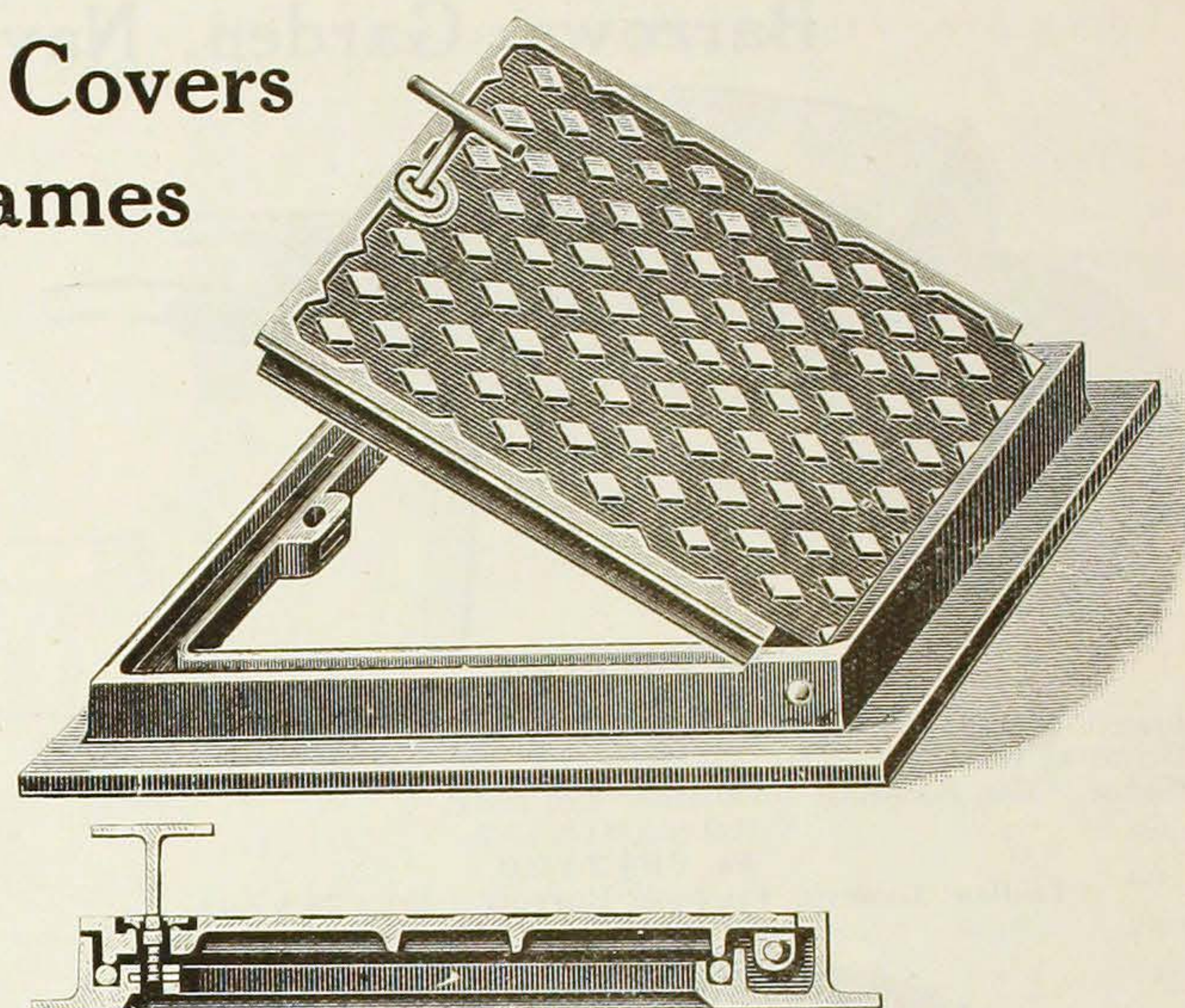
No. PHS 5297H Heavy Pattern.

Size inside.	Approx. weight.			Price each.
	c.	q.	lbs.	
18" x 18"	1	0	8	41/8
22" x 16"	0	3	10	38/2
24" x 18"	0	3	12	36/6
24" x 18"	1	1	7	48/8
24" x 24"	1	0	19	45/2
24" x 24"	1	2	8	55/6
30" x 24"	1	3	14	66/-

No. PHQ 5297L Light Pattern.

Size Inside.	Approx. weight.			Price each.
	c.	q.	lbs.	
12" x 9"	0	1	10	8/6
16" x 16"	0	3	10	18/10
18" x 18"	0	2	0	14/-
18" x 18"	0	3	0	18/-
24" x 18"	0	3	6	19/2
24" x 18"	1	0	7	23/-
24" x 24"	1	1	0	30/6
30" x 24"	1	1	10	33/8

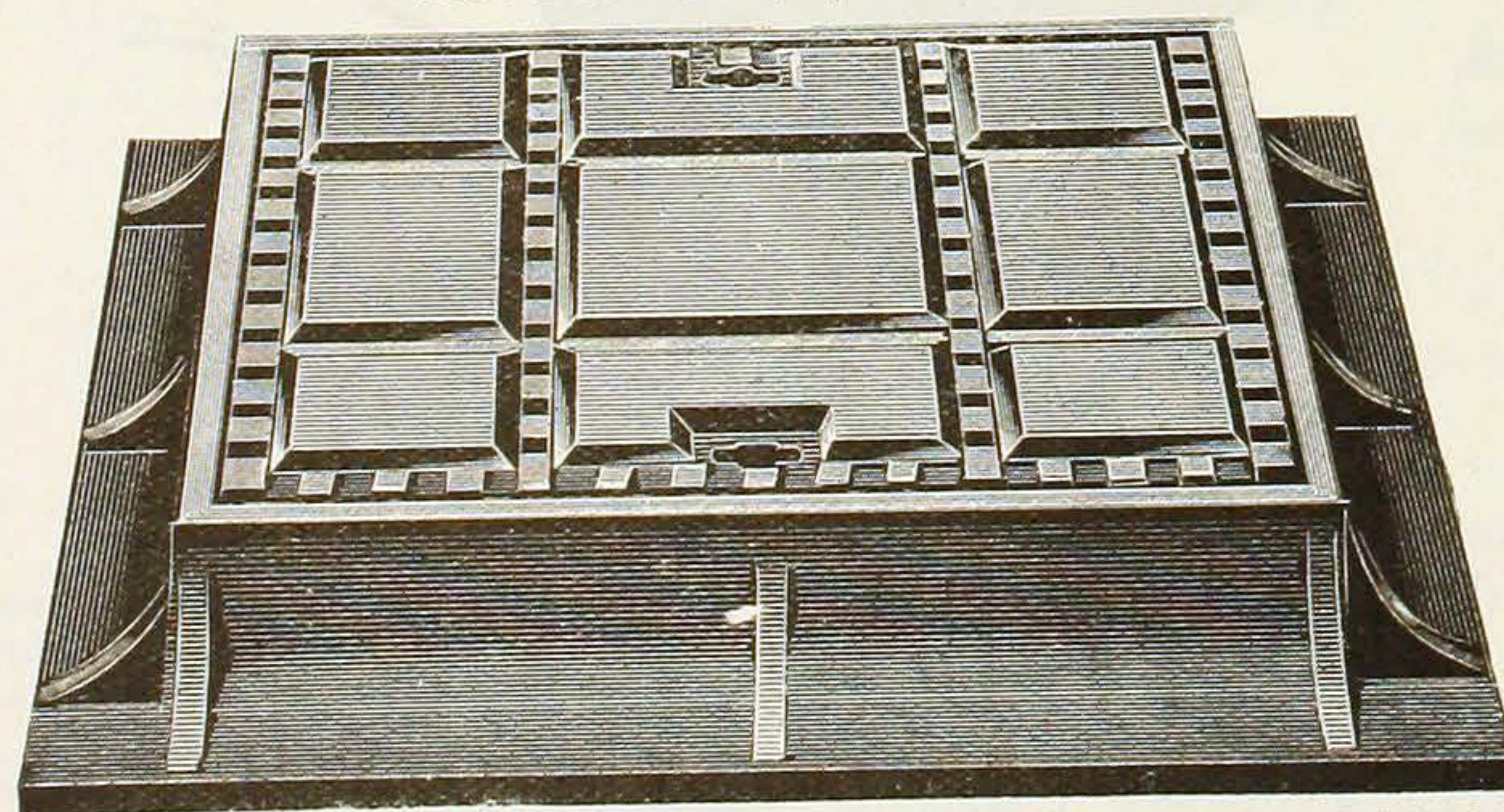
Cast Iron Keys, 4d. each. Wrought Iron Keys, 11d. each. Locking, or one Brass Screw, 2/3 each extra.



No. PHS 5299

Hinged, with India-Rubber Joint, and complete with Lock and Key.

Size Inside.	Size Outside over top of Frame.	Approx. weight.			each.
		c.	q.	lbs.	
11 1/4" x 10"	16" x 14"	0	3	0	43/4
18" x 15 1/2"	24" x 18"	0	3	14	52/-
18" x 15 1/2"	24" x 18"	1	0	14	60/9
24" x 21 1/2"	30" x 24"	1	1	0	72/9
24" x 21 1/2"	30" x 24"	1	2	14	83/3

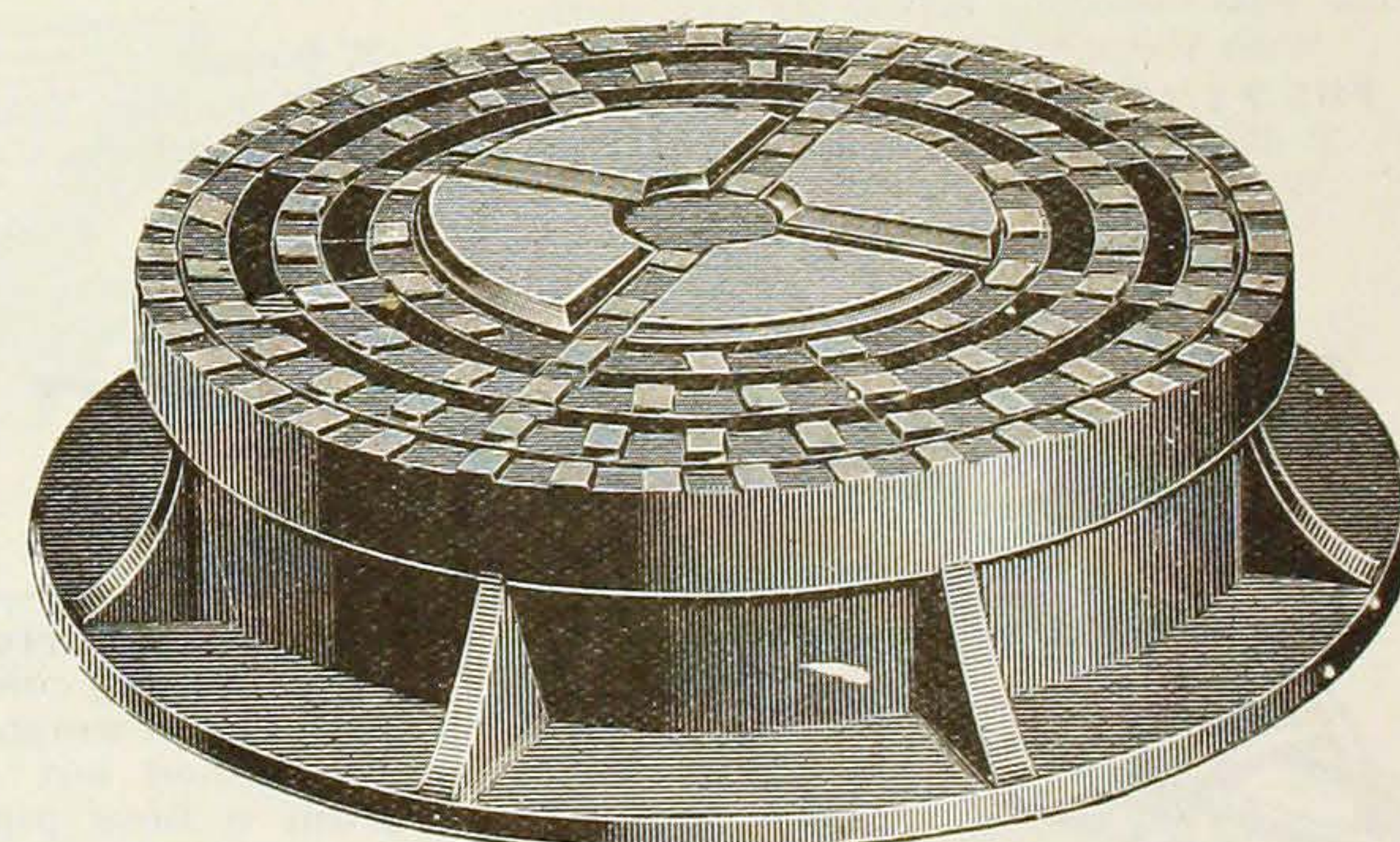


No. PHS 5303 Heavy Manhole Covers, fitted with Wood Blocks.

Clear opening.	Over top.	Depth.	Flange.	No. of Wood Blocks.	Approx. Weight.	Price each.
					c. q. lbs.	£ s. d.
24" x 20"	29" x 25"	6"	34" x 30"	12	5 2 0	5 12 0
24" x 24"	28" x 28"	6"	35" x 35"	16	5 3 0	6 0 0

GALVANIZED MANHOLE STEPS.

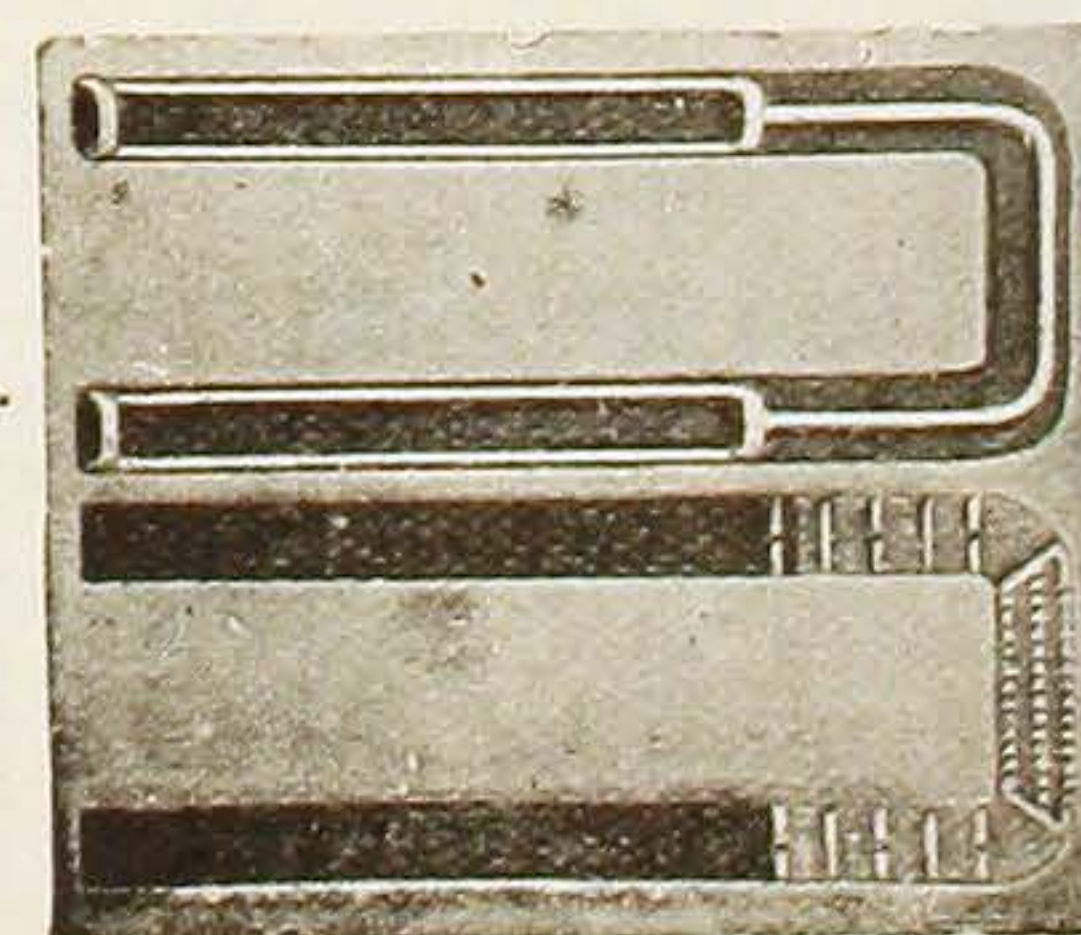
Cast Iron.		For 4 1/2" wall, weight 2 1/2 lbs.	12/6 dozen.
No. PHS 5304		For 9" wall, weight 5 lbs.	24/6 "
Malleable Iron.		For 4 1/2" wall, weight 2 1/2 lbs.	30/- dozen.
No. PHS 5305		For 9" wall, weight 3 1/4 lbs.	33/- "



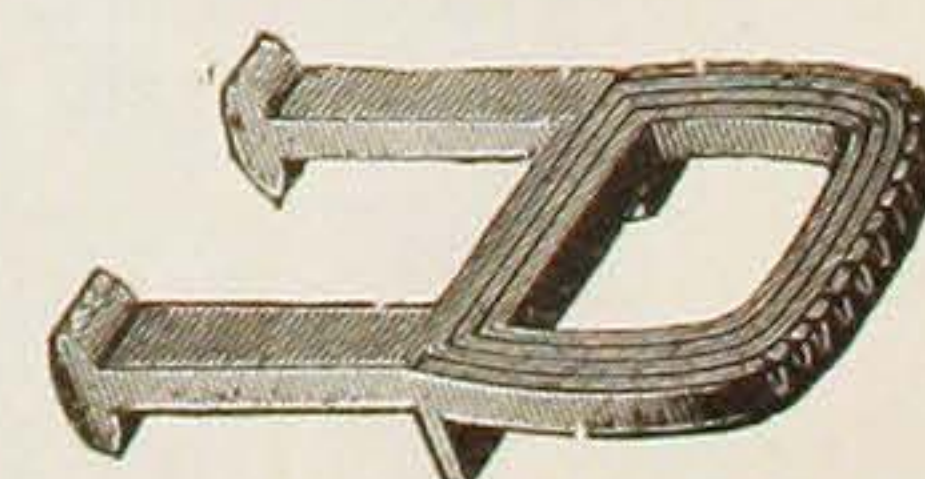
No. PHS 5302

Heavy Manhole Covers, Solid Tops.
Fitted with Wood Blocks.

Clear Opening, dia.	Over Top, dia.	Depth.	Flange.	No. of Wood Blocks.	Approx. Weight.	Price each.
					c. q. lbs.	£ s. d.
17"	20"	5 3/4"	25" dia.	12	2 2 0	2 17 0
20"	23 1/2"	5 1/2"	28" x 28"	12	3 0 0	3 7 6
22"	26"	5"	32" dia.	4	3 0 0	3 2 3
22"	26"	7"	32" dia.	4	4 1 0	4 16 3

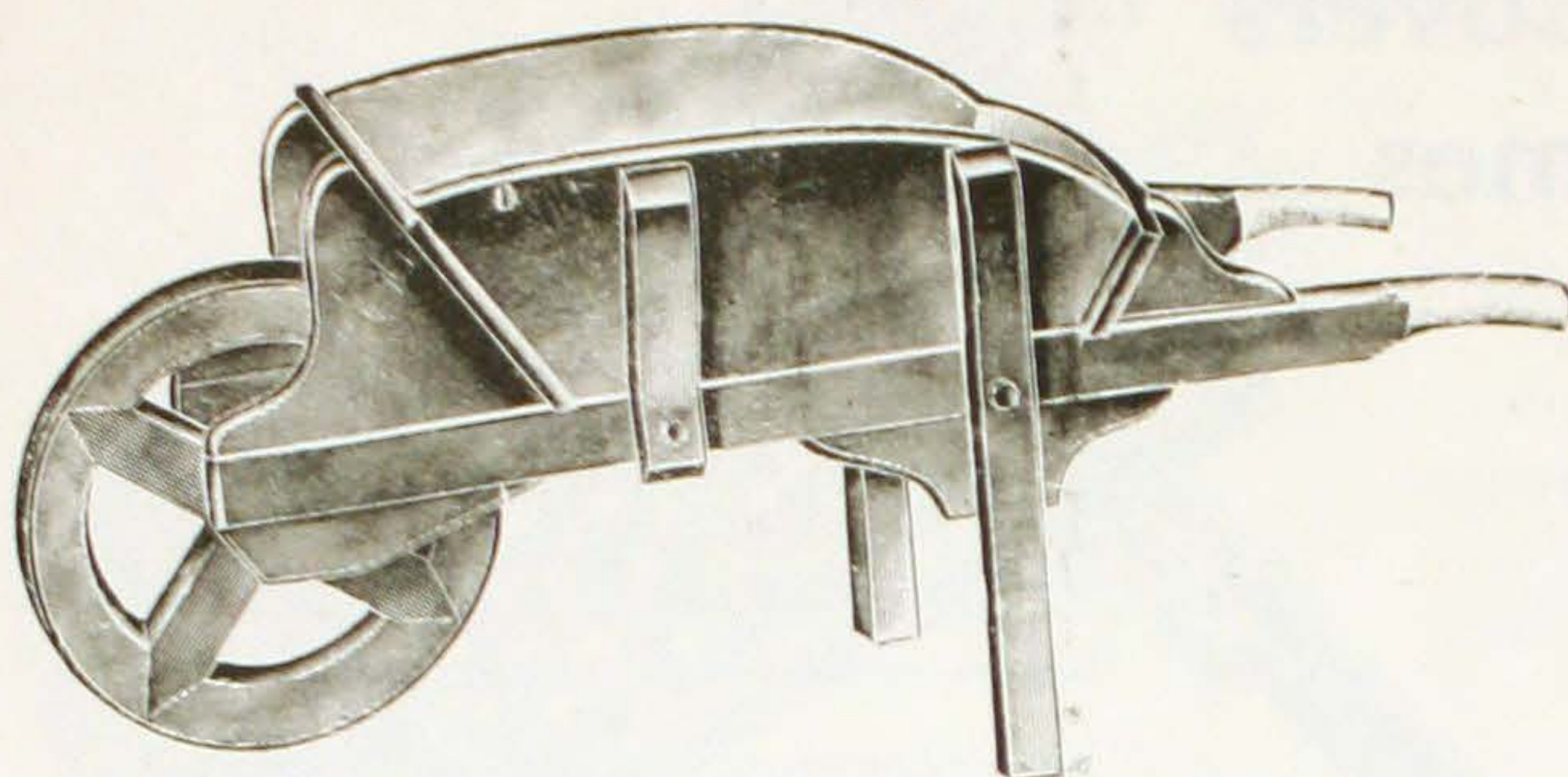


No. PHS 5305
Malleable Iron, Galvanized.



No. PHS 5304
Cast Iron, Galvanized.

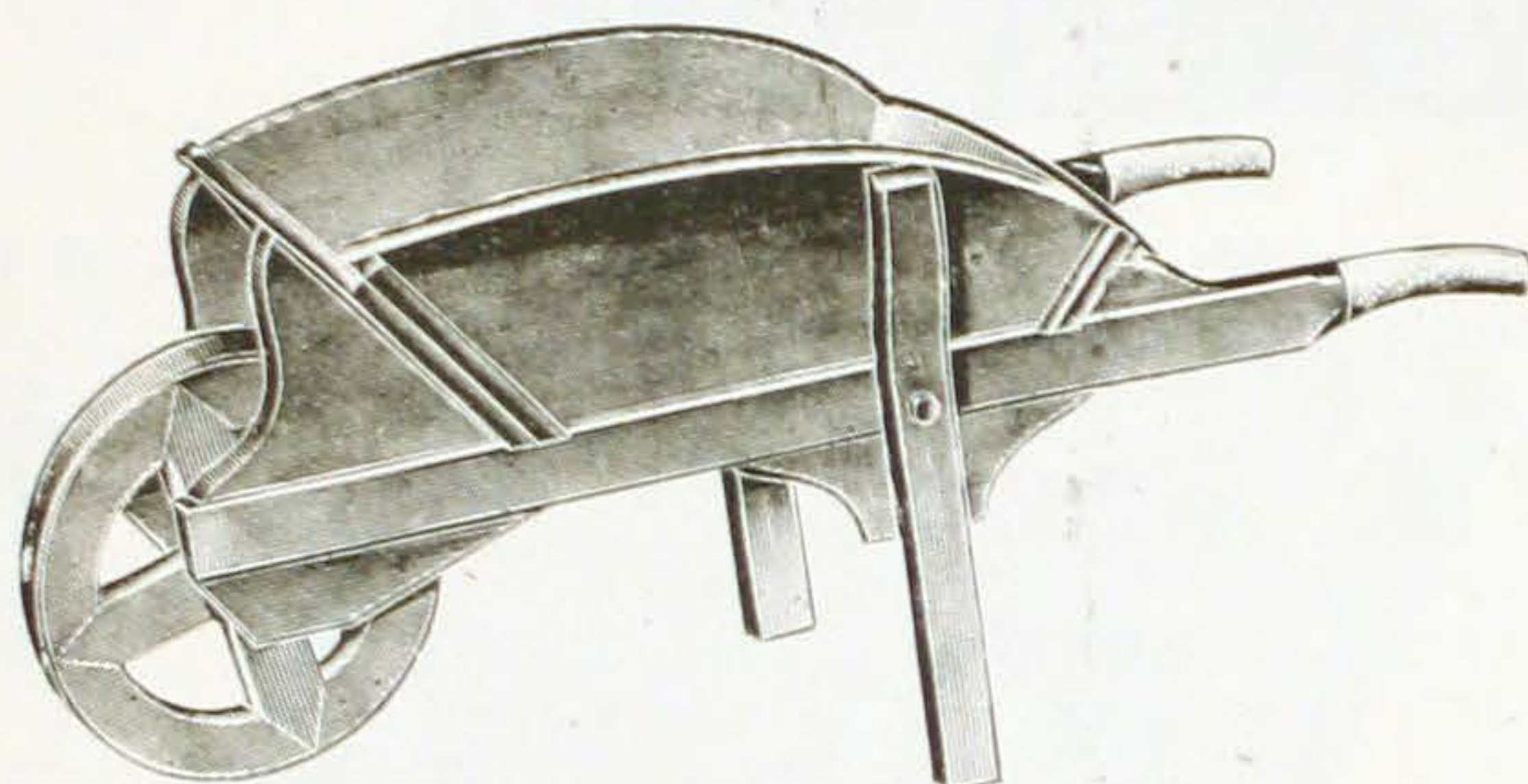
Barrows, Garden, Navy and General Purpose

**No. PHS 7123****General Purpose Barrow.**

Length overall, 4' 9" Body, 2' 6" x 2' 2" wide. Wheel 18" diameter. Depth at front, 13", sides, 11", back, 6½". ¾" boarding. Ash and Oak Frame. Elm Boarding. Bolted through body. Painted, 31/6 each.

No. PHS 7128

Ladies' General Purpose Barrow. Price 28/6 each.

**No. PHS 7125 Navy Barrow.**

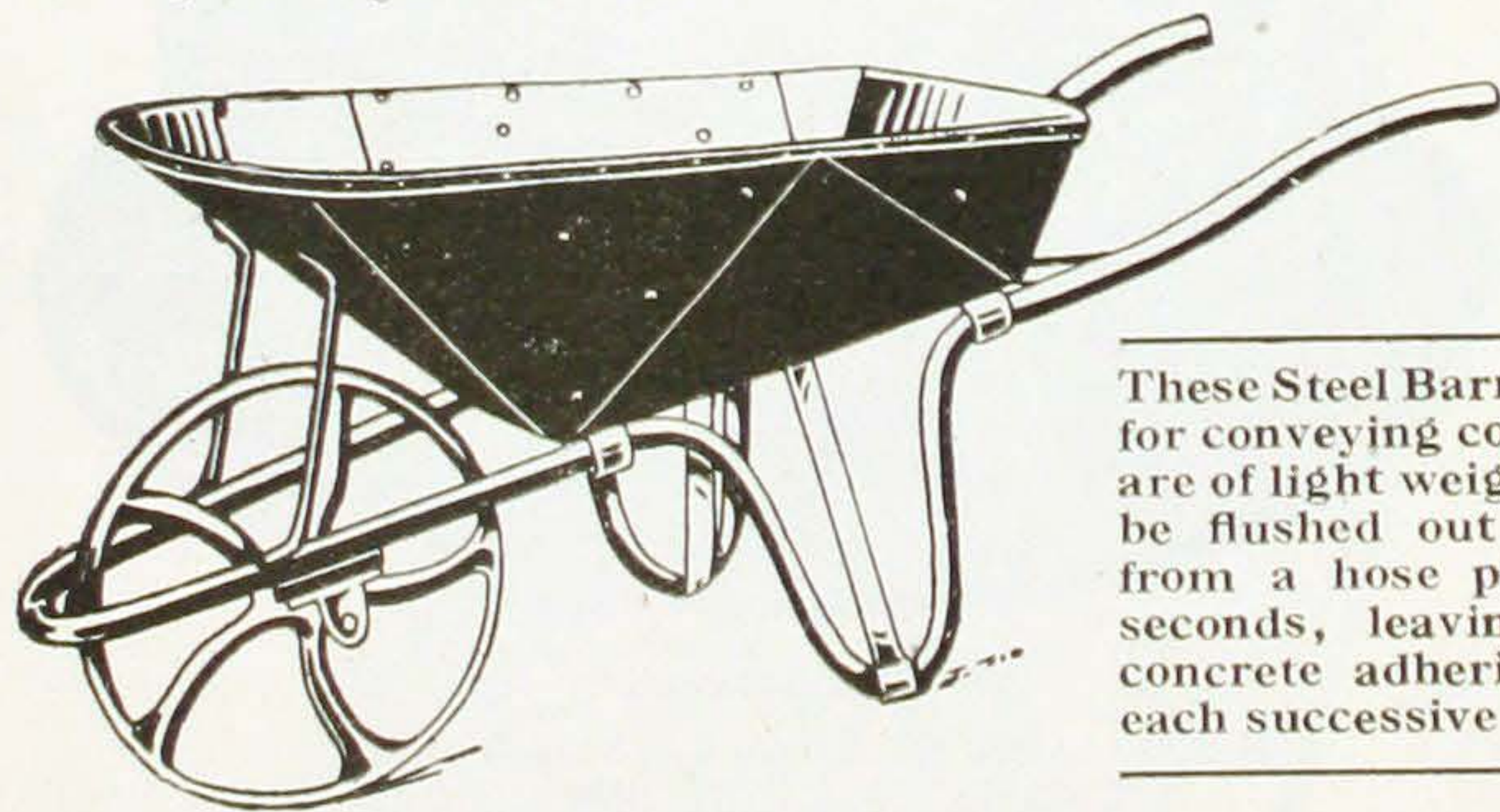
Length overall, 4' 2" Body, 2' 5" x 2' 0" wide. Wheel, 14" diameter. Depth at front, 12", sides, 10½", back, 5". ¾" boarding. Ash and Oak Frame. Elm boarding, bolted through body.

With Wood Wheel, Painted ... 27/9 each.

No. PHS 7177 Body 1" Elm Boarding, Ash Legs, Oak Frame. Body 2' 6" x 2' 6" wide, Wheel 16" diameter, depth at front 11", sides 10", back 6"

With Cast Iron Wheel ... 24/- each.

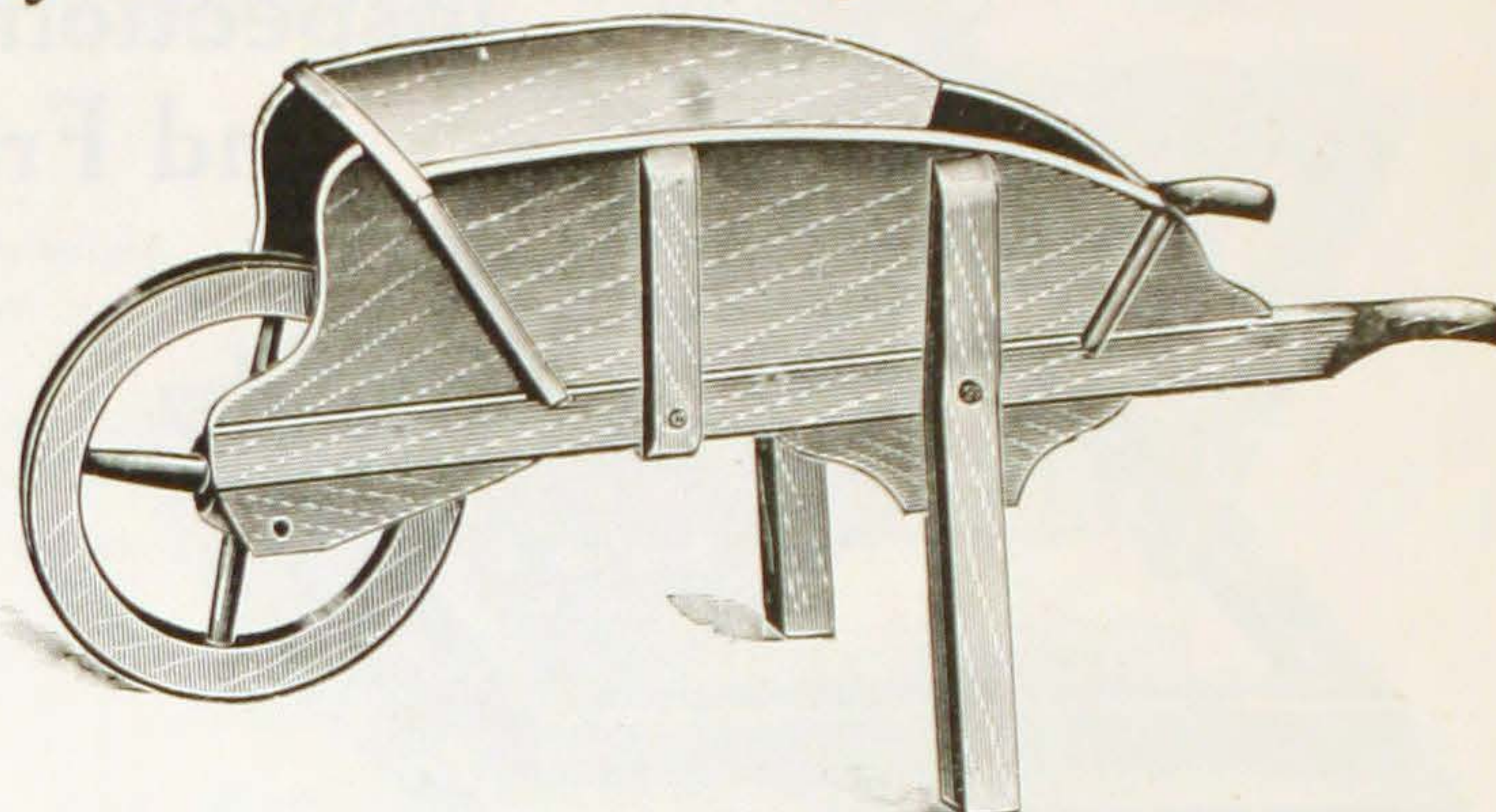
„ Wrought Iron Wheel ... 27/- „

**No. PHS 7126****Single-Wheeled Stokehole Barrow.**

Capacity, 1½ cwt. Steel body, 14 W.G. Top, 34" long x 24" wide. Front, 17" deep, back, 7", bottom, 18" x 18½" x 14". Crucible Steel Wheel, 16" diameter. Extreme height, 25" Weight 90 lbs. Price, 33/9 each.



These Steel Barrows are ideal for conveying concrete. They are of light weight. They can be flushed out with water from a hose pipe in a few seconds, leaving no waste concrete adhering to lessen each successive load.

**No. PHS 7124 Garden Barrow.**

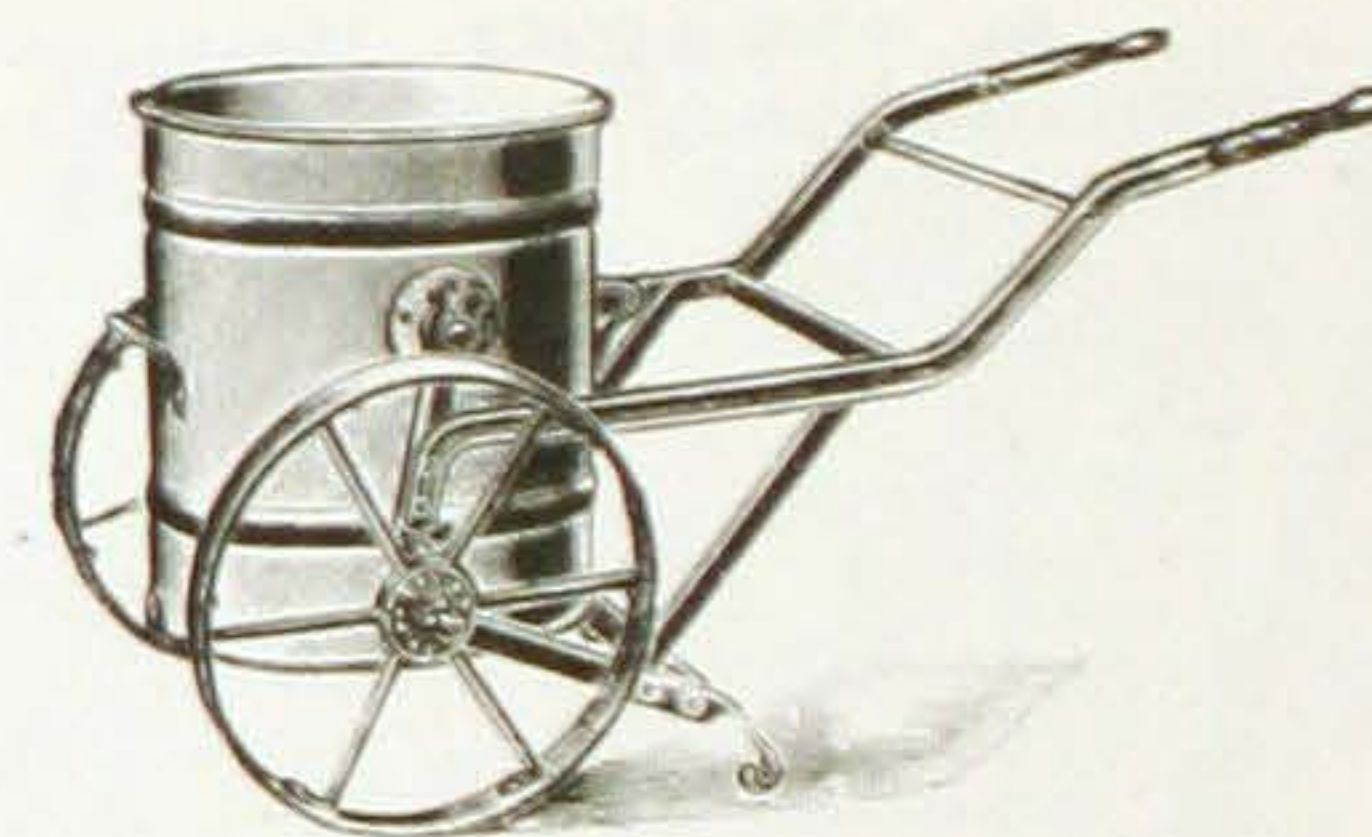
English Ash and Oak Frame, Elm Boarding, two bolts through body, Wooden Hub Wheel, finish Plain Wood or Dark Green and Red.

Length overall, 5' 0" Body, 2' 10" x 2' 3" wide. Wheel 18" diameter. Depth at front, 14", sides, 12", back, 7", 1" boarding.

Plain, 44/9 each.

Painted, 49/3 each.

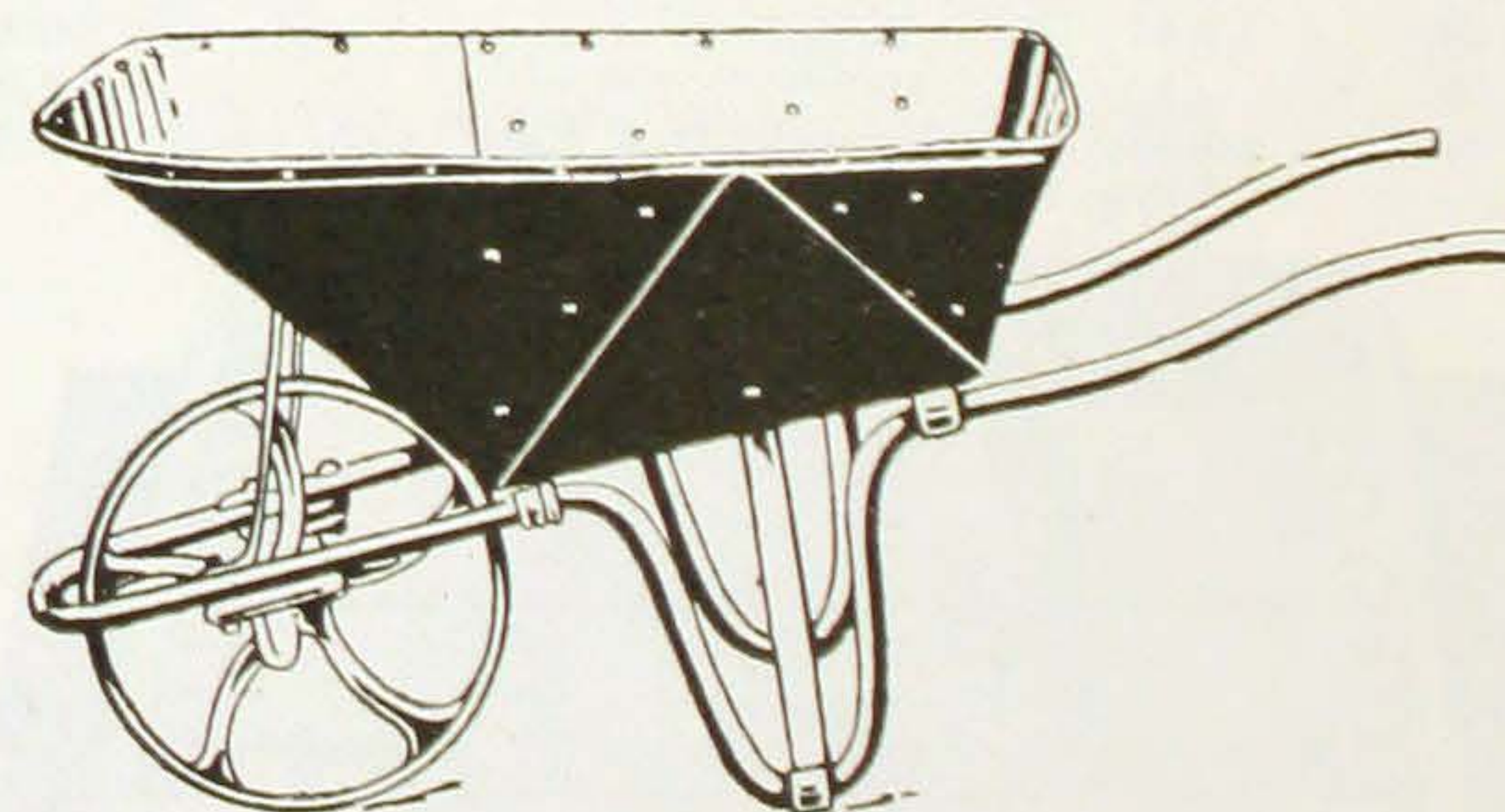
Loose Top Boards or High Sides, 15/9 extra.

**No. PHS 7130 Swing Water Barrow.**

With Galvanized oval Lipped Tank, painted Framework, and broad tyred wheels.

	12	15	18	20	25	30	40 galls.
Dia. of wheels	20"	20"	20"	20"	20"	20"	20"
Extreme width	25"	25"	27"	27"	30"	31½"	34"
Price	59/-	61/3	62/8	66/6	68/8	72/9	78/9 each.
Extra Cisterns	14/6	15/9	16/9	17/9	22/-	25/9	31/- „

Stocked in most sizes.

**No. PHS 7127 Tubular Steel Barrow. For Ashes.**

Capacity 5 cu. ft. Steel body, 12 and 14 W.G. Top, 40" long x 32" wide. Front 20" deep, back, 12", bottom 18" x 18½" x 14". Crucible Steel Wheel, 16" diameter. Extreme height, 27". Weight, 112 lbs. Price, 37/6 each.

No. PHS 7129 Ditto. For Coal.

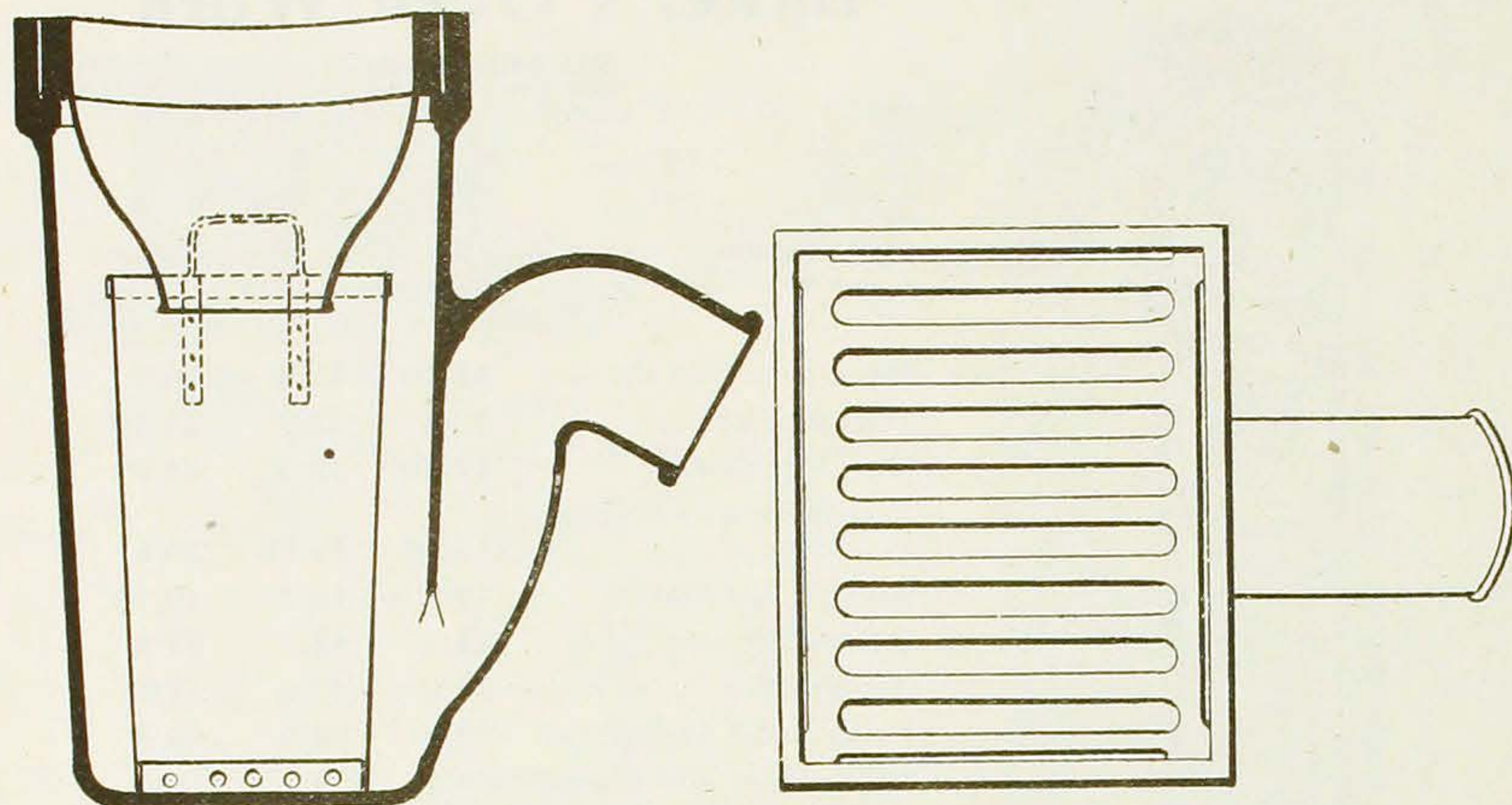
Capacity 2 cwt. Steel body, 14 W.G. Top, 36" long x 31" wide. Front, 17" deep, back 7", bottom 18" x 18½" x 14". Crucible Steel Wheel, 16", diameter. Extreme height, 23" Weight, 98 lbs. Price 36/- each.

No. PHS 7137 BUCKETS.

Code Ref.	Size.	Weight each.	Specification.	dozen.	each.
G	12"	6lbs.	Rivettted sides, forged ears, strong bottoms, round bails	31/-	2/10
H	12"	7 „	Rivettted sides, forged ears, welded hoop bottoms, half round bound top	40/-	3/7
J	12"	8 „	Wrought Iron Rivettted Straps, front and back, hoop top and bottom, round bails, strong bottoms	43/6	3/10
K	13"	*9 „	Ditto. ditto.	51/-	4/6
L.1	10"	*3 „	Seamed sides, pressed ears, strong corrugated bottoms *Weights in 12" size	13/-	1/3
L.2	11"	*3 „		14/-	1/4
L.3	12"	3 „		15/3	1/6
M.3	12"	3½ „		17/6	1/8
N.2	12"	4 „	Seamed sides, pressed ears, strong corrugated bottoms	20/6	1/11
P.1	12"	5 „	With strong hoop, half round bails	25/-	2/4
R.2	12"	5 „	Rivettted one side and bottom, strong forged ears	29/6	2/9

*Weight of 12" size.

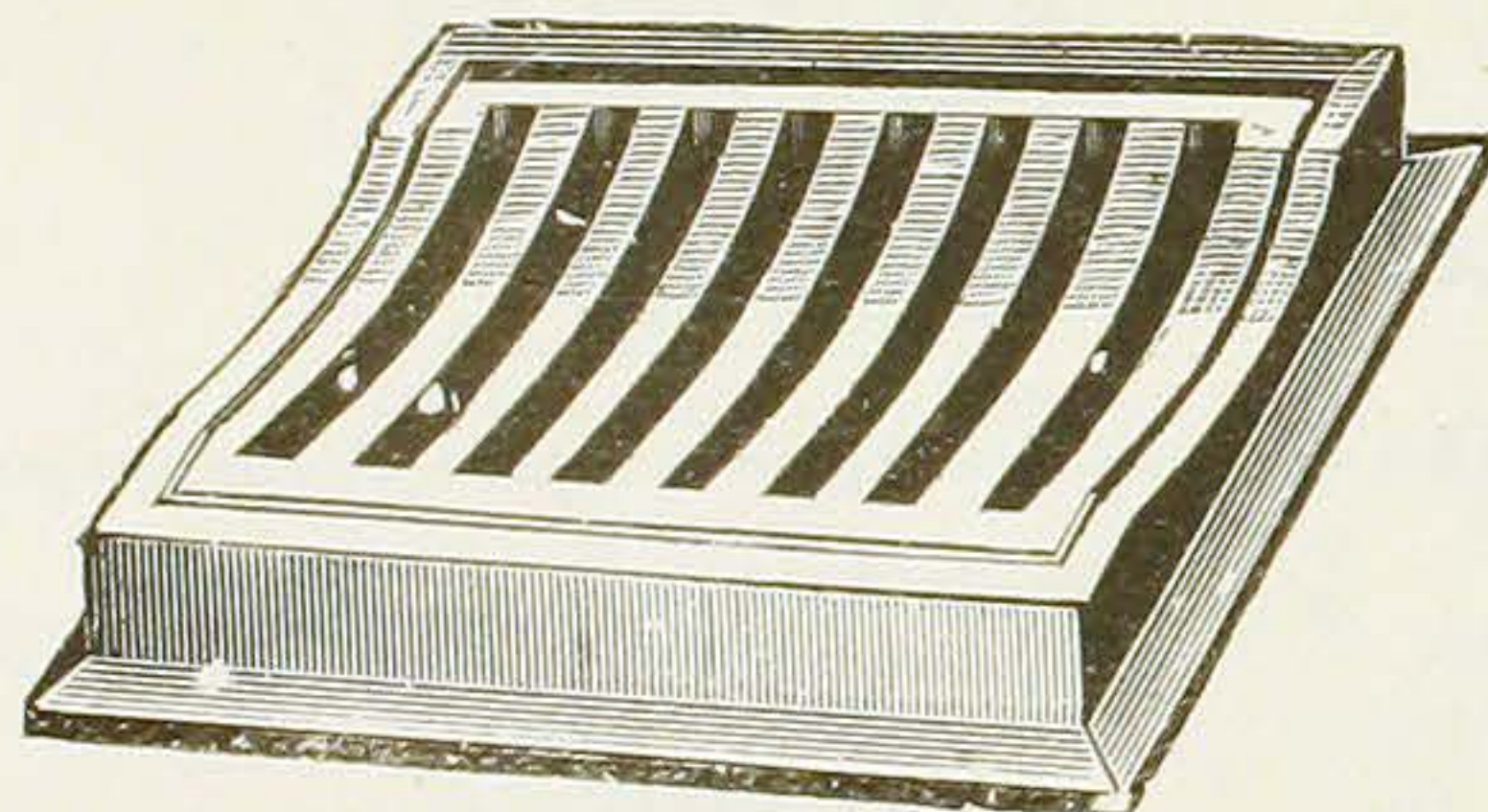
CAST IRON GULLEY POT, GRATING,
HOPPER and GALVANIZED WROUGHT IRON BUCKET.



No. PHO 5231

Size over top.	Depth	Size of Outlet, dia.	Price including Bucket.	Capacity Wrought gallons.
21 5/8" x 17 5/8"	30 1/2"	6	£9 15 4	15
19" x 15 1/2"	26"	6	8 8 0	9
13" x 10"	18"	4	3 2 0	4

HEAVY ROAD GULLEY
GRATES AND FRAMES.



No. PHS 5314

With Loose Tops.

8" x 8"—30 lbs.	9" x 9"—38 lbs.
10" x 10"—43 lbs.	12" x 10"—46 lbs.
12" x 12"—129 lbs.	14" x 10"—120 lbs.
14" x 12"—100 lbs.	14" x 14"—142 lbs.
15" x 10"—76 lbs.	15" x 15"—160 lbs.
16" x 14"—140 lbs.	17" x 11"—148 lbs.
18" x 14"—147 lbs.	20" x 14"—150 lbs.
20" x 20"—200 lbs.	24" x 24"—360 lbs.

Price 26/3 per cwt.

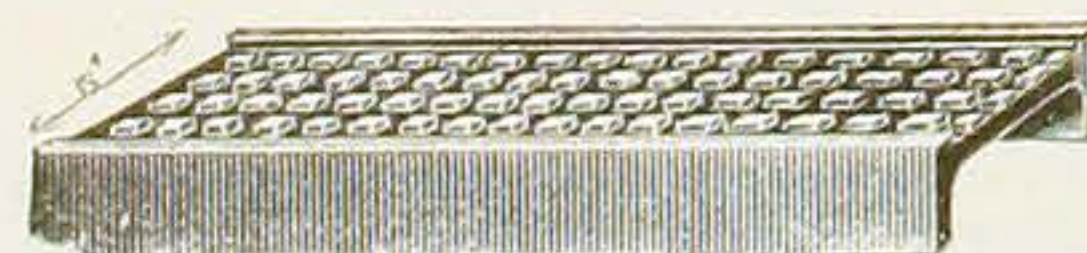
With Hinged Tops.

8" x 8"—30 lbs.	9" x 9"—38 lbs.	10" x 10"—42 lbs.
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Price 29/9 per cwt.

12" x 12"—84 lbs.	15" x 12"—93 lbs.	Price 28/- cwt.
14" x 14"—112 lbs.	16" x 14"—112 lbs.	18" x 14"—147 lbs.
21" x 14"—156 lbs.	24" x 19"—280 lbs.	30" x 19"—392 lbs.

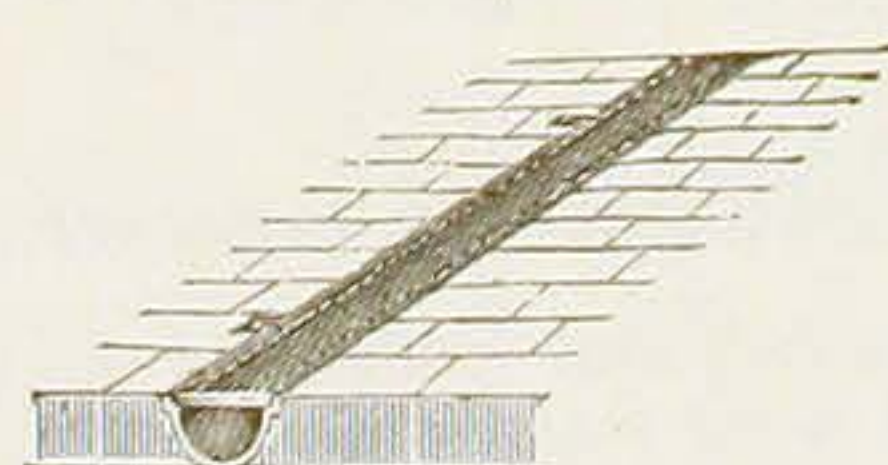
Price 26/3 cwt.



No. PHO 5247

Gutter Channel for Gateways.

Made any length. Price 26/3 per cwt.
Width 15" Approx. 27 1/2 lbs. per foot.



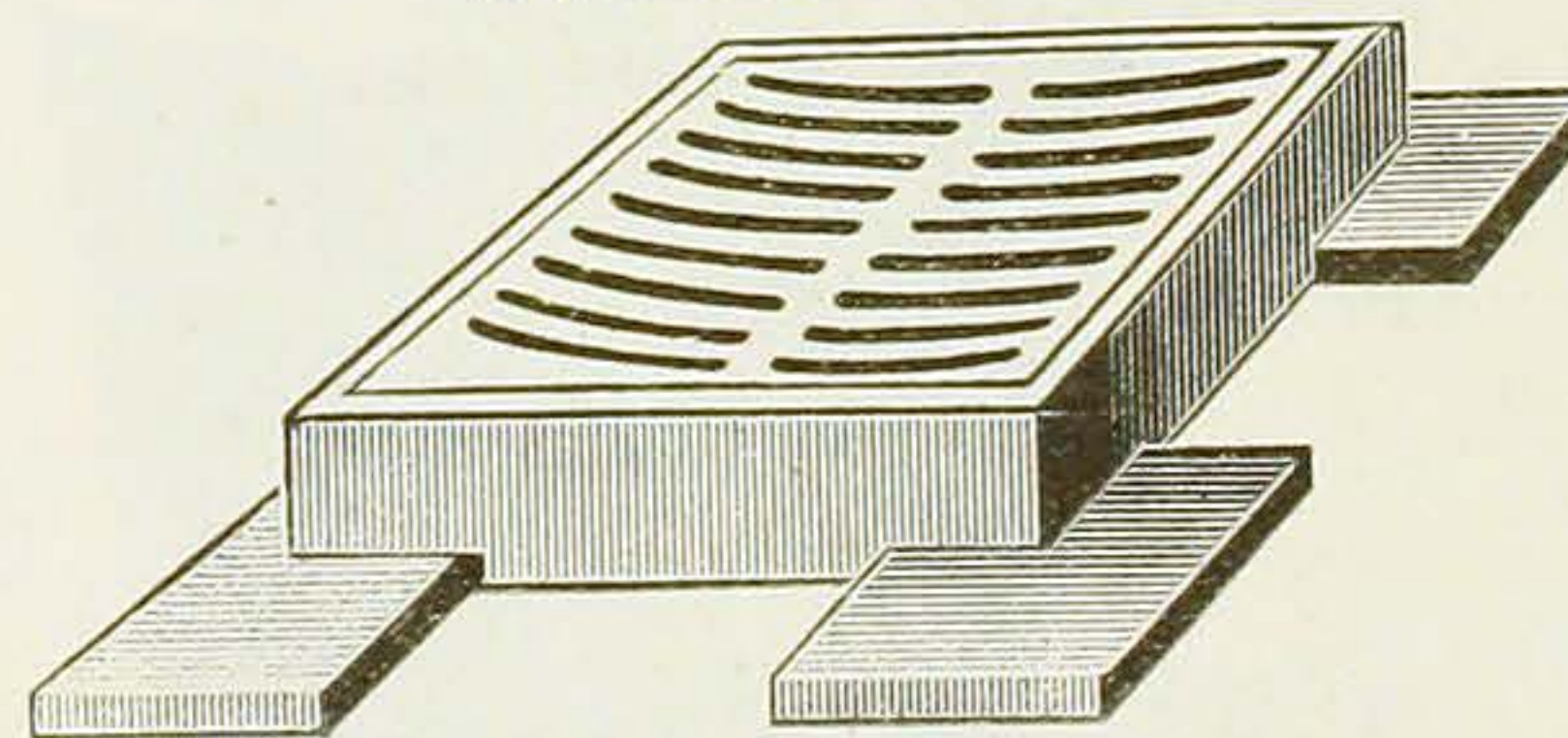
Closed in use.

No. PHO 5327

FOOTPATH GUTTER.

Improved pattern, Hinged Lid. Made in any length.
Size 6" x 3 1/2" deep. Price 6/7 per foot.

WEIGHTY SOUGH GRATE
AND FRAME.



No. PHS 5313

Suitable for Carriage Drives, etc.

Size ...	8"	9"	10"	12"	14"
Weight ...	28	32	37	56	66 lbs. each

With Loose Tops, 26/3 per cwt.

With Hinged Tops 28/-

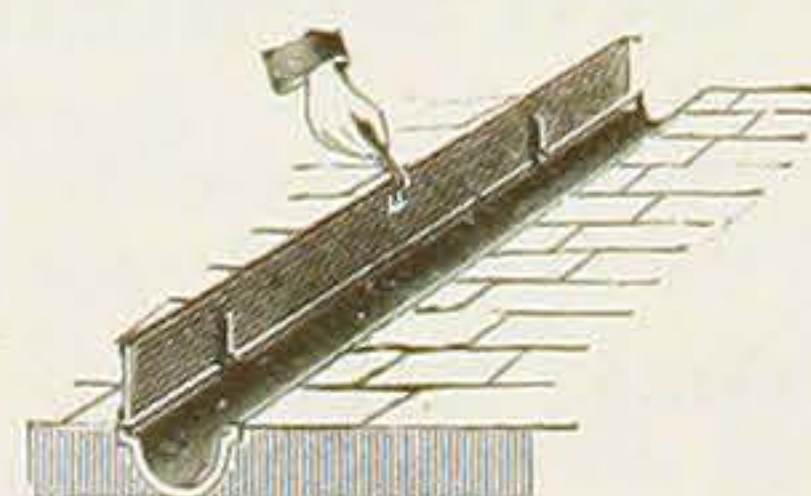
PAVEMENT GUTTERS AND
CHANNEL.



No. PHO 5210/1

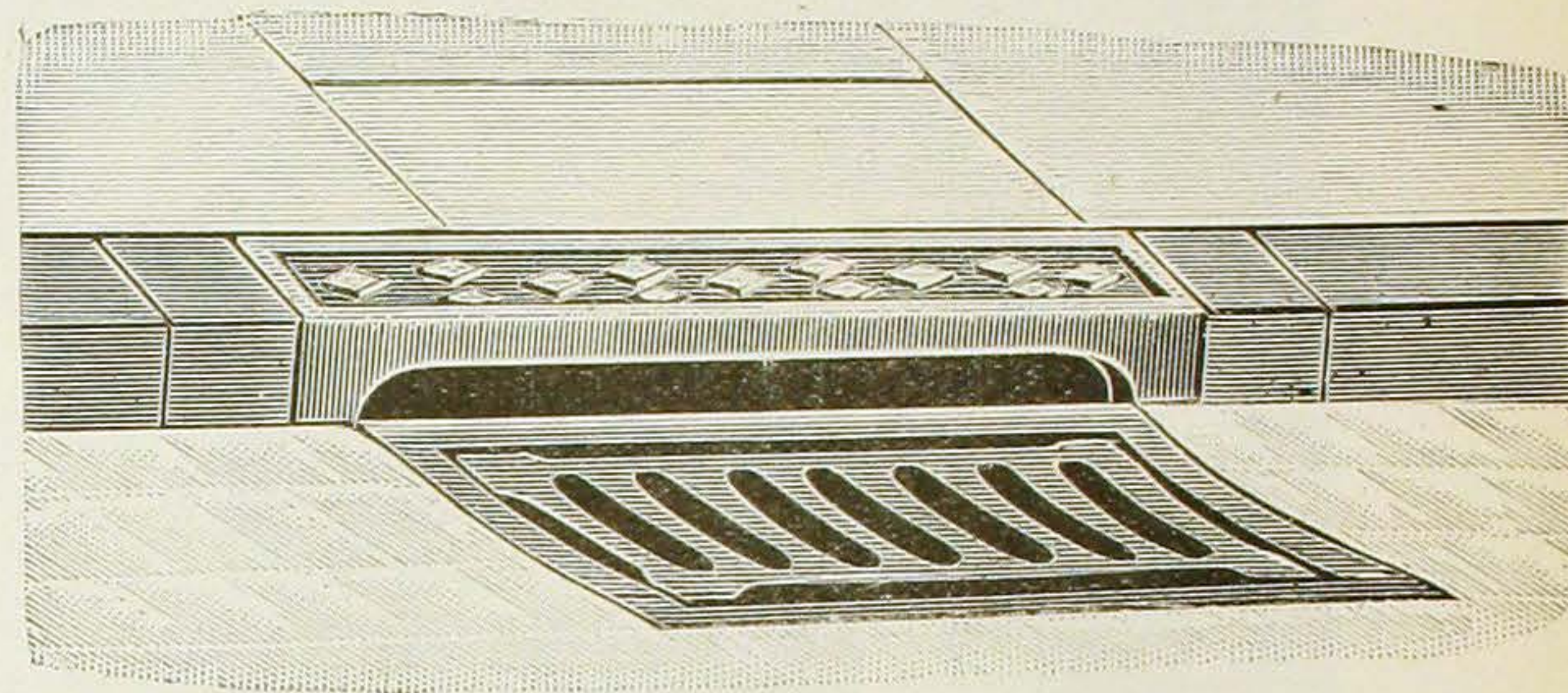
Pavement Gutter.

Size 4" wide x 4" deep. Price 3/5 per foot.



Open—for cleansing.

GULLEY GRATES, FRAMES AND WEIRS.

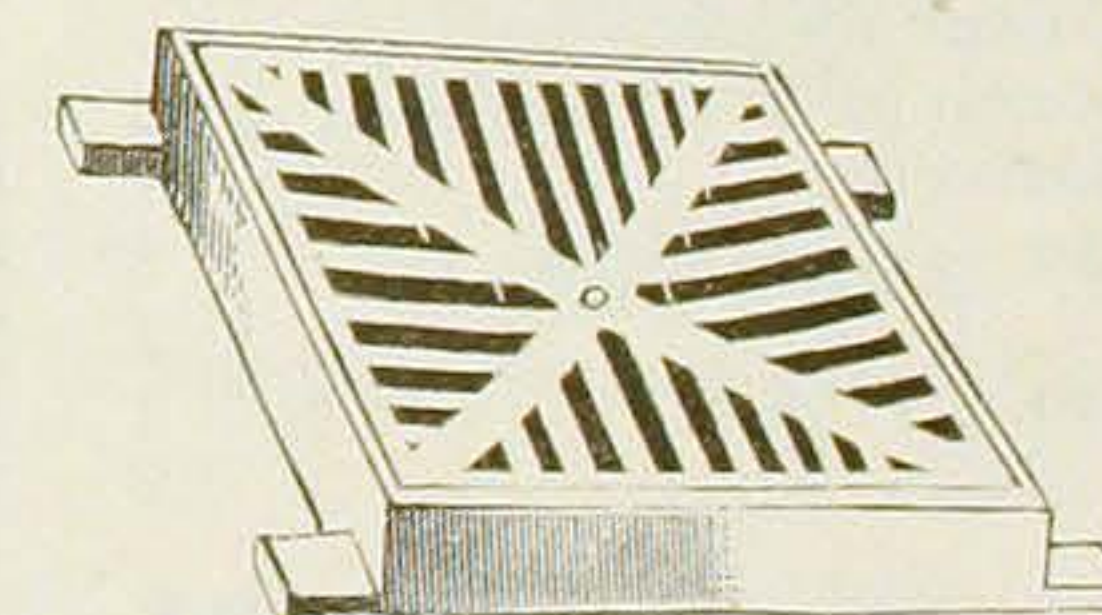


No. PHO 5246

Size over top of flange.	Depth.	Each.	Size over top of flange.	Depth.	Each.
12" x 12"	3"	22/2	19 1/2" x 16 1/2"	5"	48/4
14" x 14"	3"	15/6	20" x 14"	5"	46/4
14" x 14"	3 1/4"	26/10	20" x 16"	5"	63/-
16 1/2" x 11 1/2"	5"	41/8	21" x 20"	5"	79/6
16" x 15"	2 1/2"	16/8	22" x 17"	8"	72/6
17" x 13"	4 1/2"	36/3	24" x 18"	5"	45/8
17" x 17"	6"	43/-	26" x 16"	5"	88/8
18" x 12"	5"	32/2	30" x 15"	7"	96/8
18" x 15"	5"	44/4	30" x 16"	6 1/2"	68/6
18" x 18"	4"	28/10	28" x 18"	6"	84/6
19 1/4" x 16 1/4"	4 3/4"	44/4	28" x 18"	8 3/4"	82/6

Cast Iron Weirs for above, 27" 25/3; 24" 21/-; 21" 19/- each.

SOUGH GRATE AND FRAME.



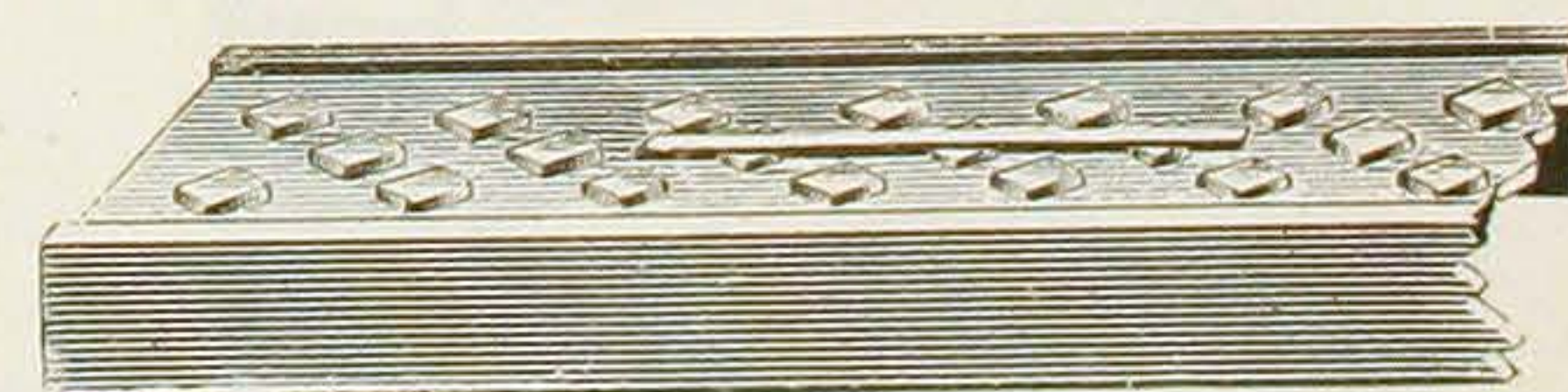
No. PHS 5312

Size ...	6"	7"	8"	9"	10"	12"
Weight ...	5 1/2	9	11	12 1/2	17 1/2	28

lbs. each.

Price with Loose Tops, up to 7," 38/6 per cwt.
Over 7" up to 12" 35/- per cwt.

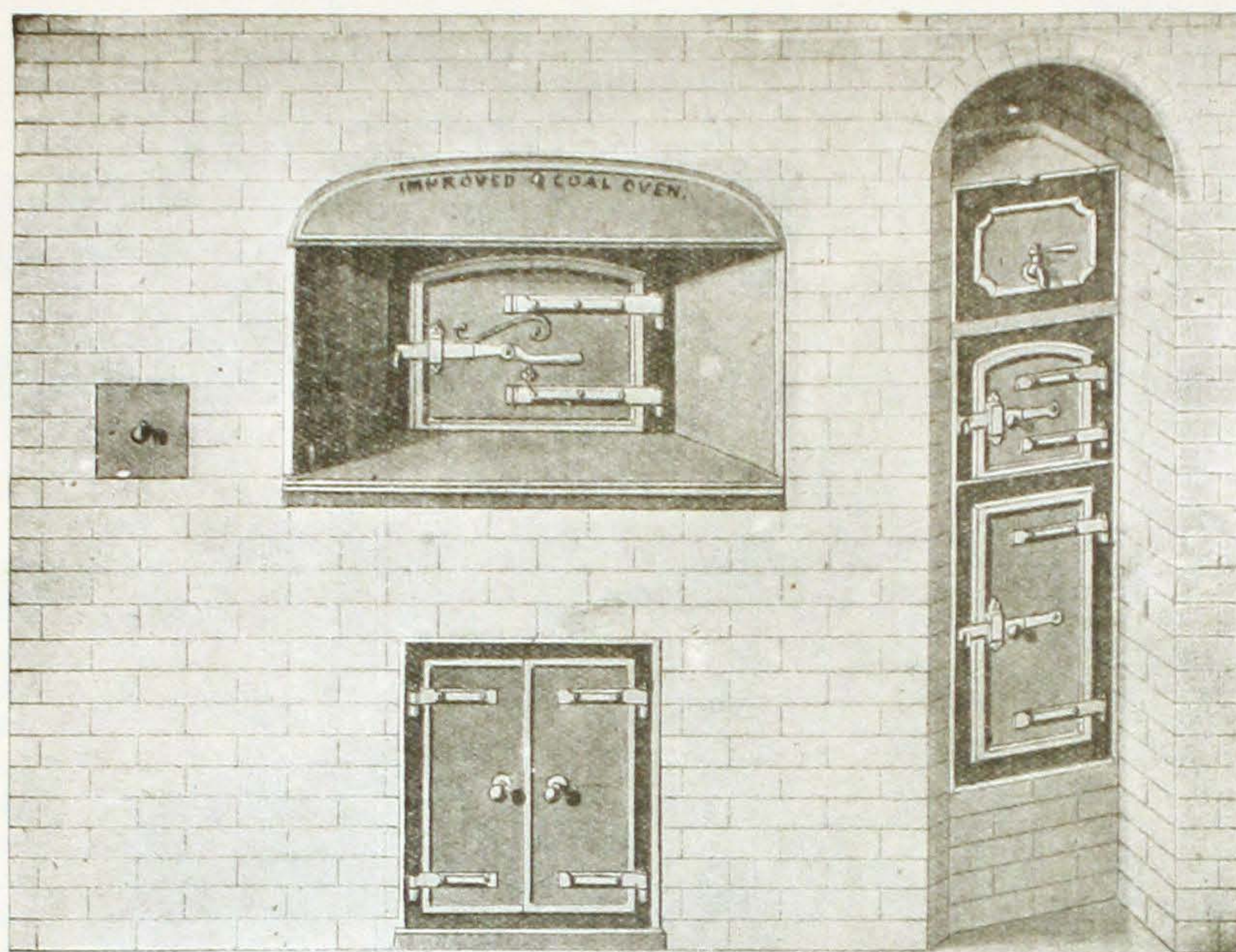
Price with Hinged Tops, up to 7," 42/- per cwt.
Over 7" up to 12" 38/6 per cwt.



No. PHO 5210/2

Pavement Gutter.

5" wide x 4 1/2" deep. Approx. 14 lbs. per foot.
In lengths up to 8 feet. Price 6/2 per foot.



No. PHO 5320

Baker's Oven Work

No. PHO 5320

No. 1	With 18" mouth,	8 bushels	£17 7 0
No. 2	" 20" "	10 "	£18 18 3
No. 3	" 22" "	14 "	£20 0 0

The above sets are made up as follows, any part may be had separately.

	No. 1	No. 2	No. 3
Oven Door and Frame	52/10	55/2	58/7
Bottom Plate ...	23/4	23/4	23/10
Two Side Covers ...	17/10	22/2	22/9
Top Plate with Register Door ...	17/10	19/10	20/6
Arched Top Plate ...	9/2	10/3	10/10
Double Furnace Door	42/8	47/9	47/9
Ashpit Door ...	32/6	37/6	37/7
Boiler fitted with 1/2" tap	73/5	80/3	90/5
12" Damper and Frame	9/2	9/2	9/2
Register Box ...	44/5	44/5	44/5
Furnace Bars and Bearers	23/10	28/5	34/2

£17/7/0 18/18/3 20/0/0

Extras :

Fire Lumps ...	£2/7/9	2/9/6	2/11/3
Proving Doors ...	1/19/3	2/1/0	2/2/8
Jamb Plate ...	0/18/2	0/18/2	0/18/2

Wrought Arch Bars



No. PHO 9590

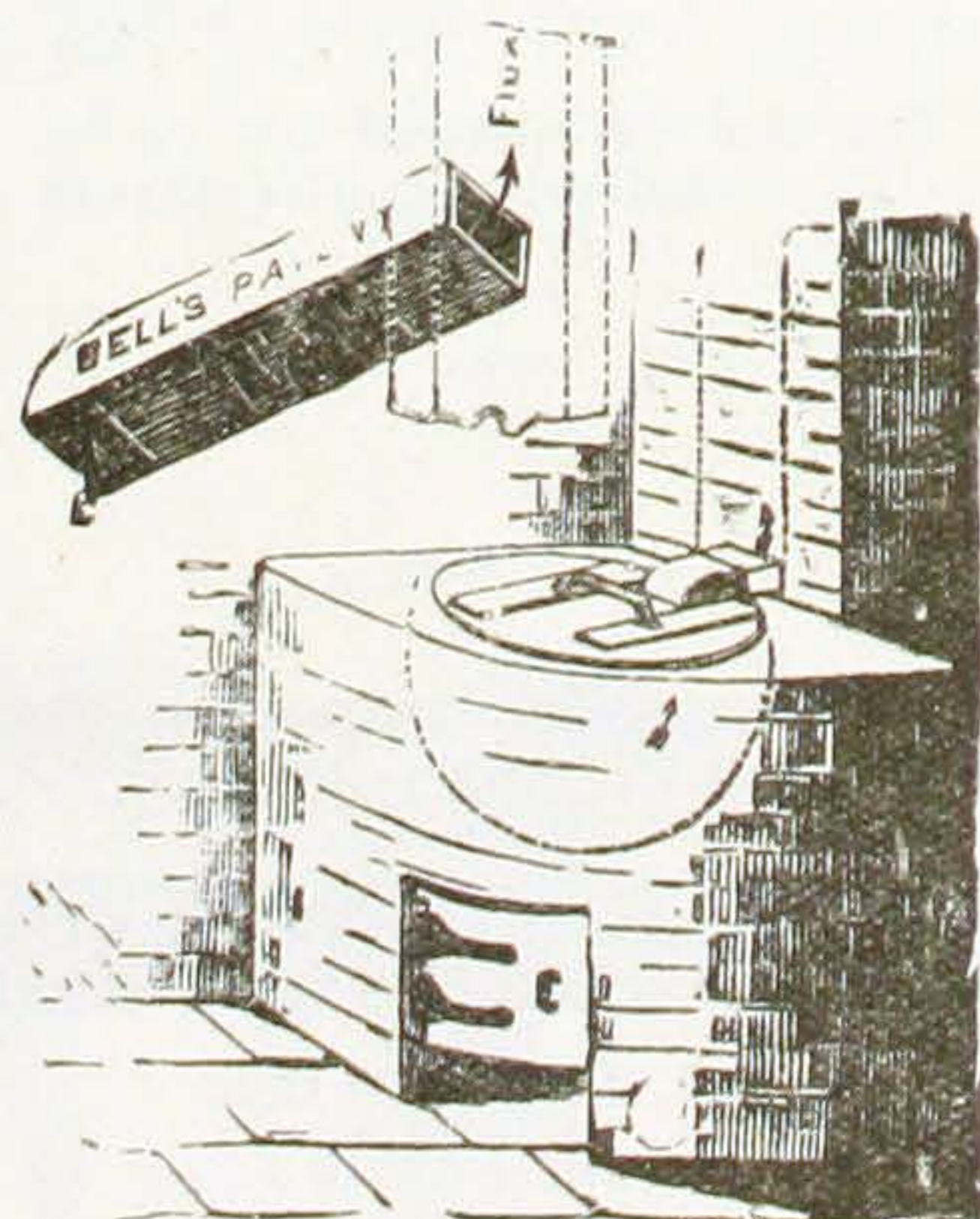
Price ...	43/9 per cwt. (Specification below)	
W.J. Arch Bars, Self-Colour to suit openings 2' 6" size of Iron	2" x 3/4"	Approx. weight, 9 lbs.
alternatively	2" x 1"	14 lbs.
Ditto, 3' 0"	2" x 1 1/4"	12 lbs.
	2" x 1 1/2"	18 lbs.
Ditto, 4' 0"	2" x 1 3/4"	15 lbs.
	2" x 2"	22 lbs.

No. PHO 9591

Galvanized Weather or Water Bar, in random lengths.

Size 1 1/4" x 1/4" ... 44/- per cwt.
100 feet is approx. 1 cwt, 0 qrs. 3 lbs.

Enlarged
Section
of Pipe.



Showing Pipe fixed.

Rustless and Black Furnace Pan

List of Sizes and Approximate Measurements.



No. PHS 5323

Prices of Furnace Pans being subject to frequent fluctuations without notice, orders given will be executed at lowest current prices.

Special quotations on application.

Furnace Pans can be supplied with Spout or Boss cast on or tapped and screwed.

For prices of suitable Draw-off Taps, see pages 374 and 375.

Galls.	Inside diameter and depth.	Black	Rustless
6 ...	15 3/4" x 12 1/2"		
8 ...	17 " x 13 1/4"		
10 ...	18 1/4" x 14 "		
12 ...	19 " x 15 "	11 1/2 d.	1/3 3/4
14 ...	20 1/4" x 15 3/4"	per gall.	per gall.
16 ...	21 " x 16 3/4"		
18 ...	22 1/4" x 18 1/4"		
20 ...	22 1/2" x 18 1/4"		
25 ...	24 1/2" x 19 "		

Tapped and Screwed Boss—

6-25 galls ... 7/6 extra. 9/2 extra.

Tapped and Screwed Spout—

6-25 galls ... 11/10 " 13/6 "

30 ... 26 1/2" x 21"

35 ... 27 1/2" x 21"

40 ... 28 1/2" x 22"

45 ... 29 " x 22 5/8"

50 ... 30 " x 24 "

60 ... 32 1/4" x 26 "

70 ... 34 " x 27 1/4"

80 ... 35 1/2" x 28 1/4"

90 ... 37 1/2" x 29 "

100 ... 38 1/2" x 30 "

1/4 1/11 1/2
per gall. per gall.

Tapped and Screwed Boss—

30-100 galls ... 11/6 extra. 13/2 extra

Tapped and Screwed Spout—

30-100 galls ... 15/9 " 17/6 "

No. PHO 5308

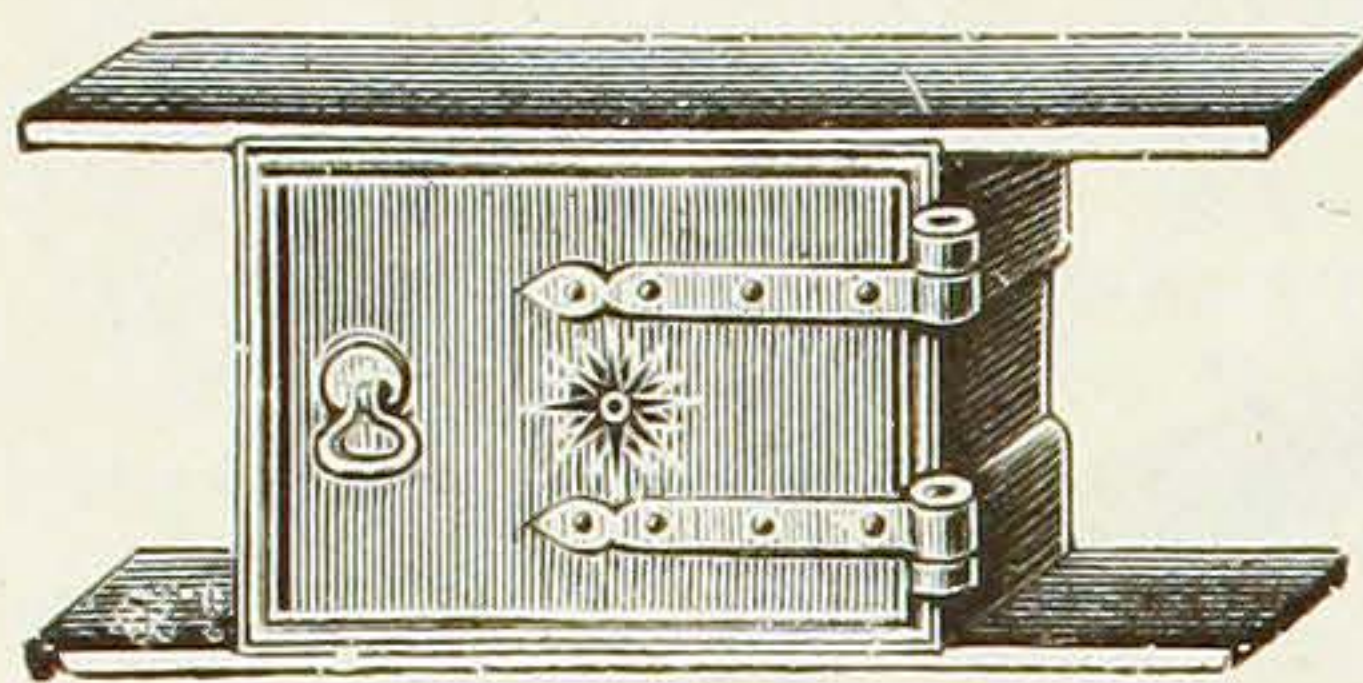
Bell's Patent Steam Outlet Pipes

For Washing Coppers.

Sizes 9" and 12" ... 7/- each. (12" is sent unless otherwise ordered).

Directions for using. Make a hole through into the smoke flue and insert the open end of pipe (to go in not more than 3"). The inlet end to project over copper about 2"; cement round the pipe to make it fast, and cut a piece out of copper lid to fit pipe. The pipe should be fixed on the top of the copper side.

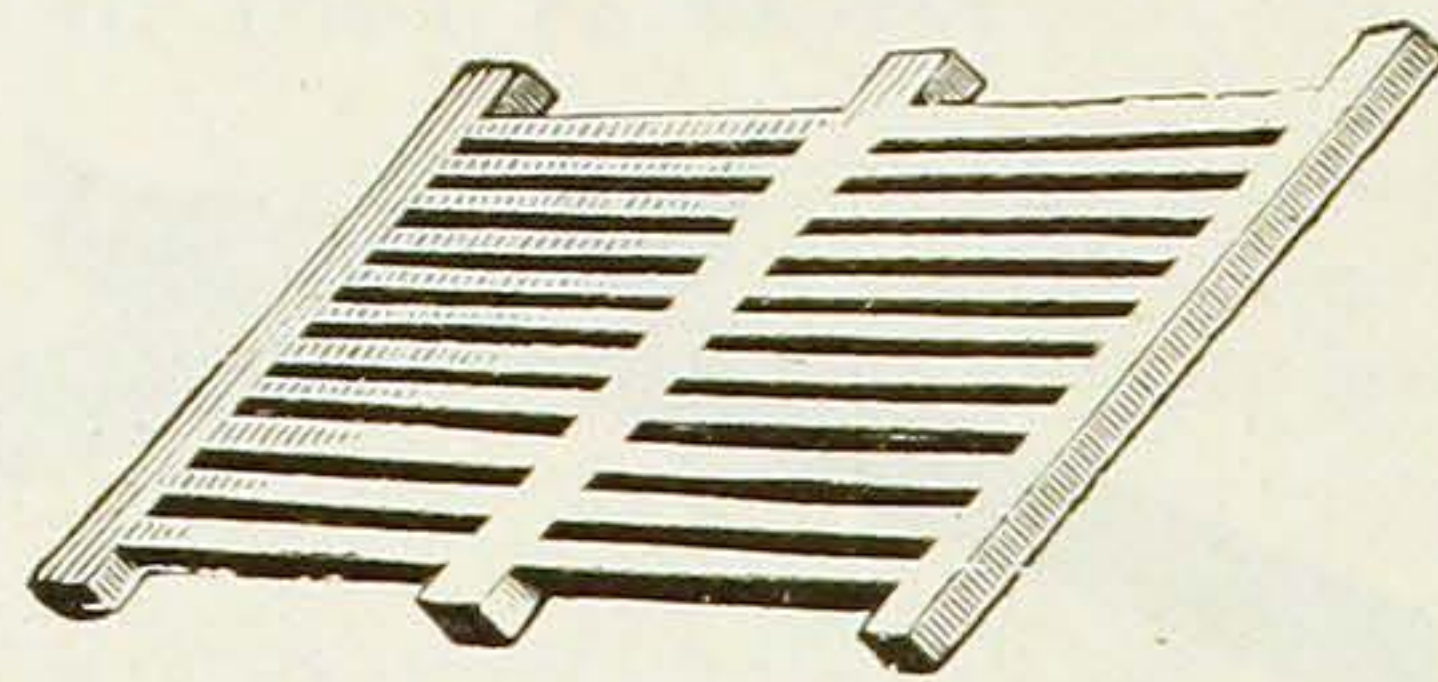
Furnace Doors and Frames, Wall Plates, Wall Ties, etc.



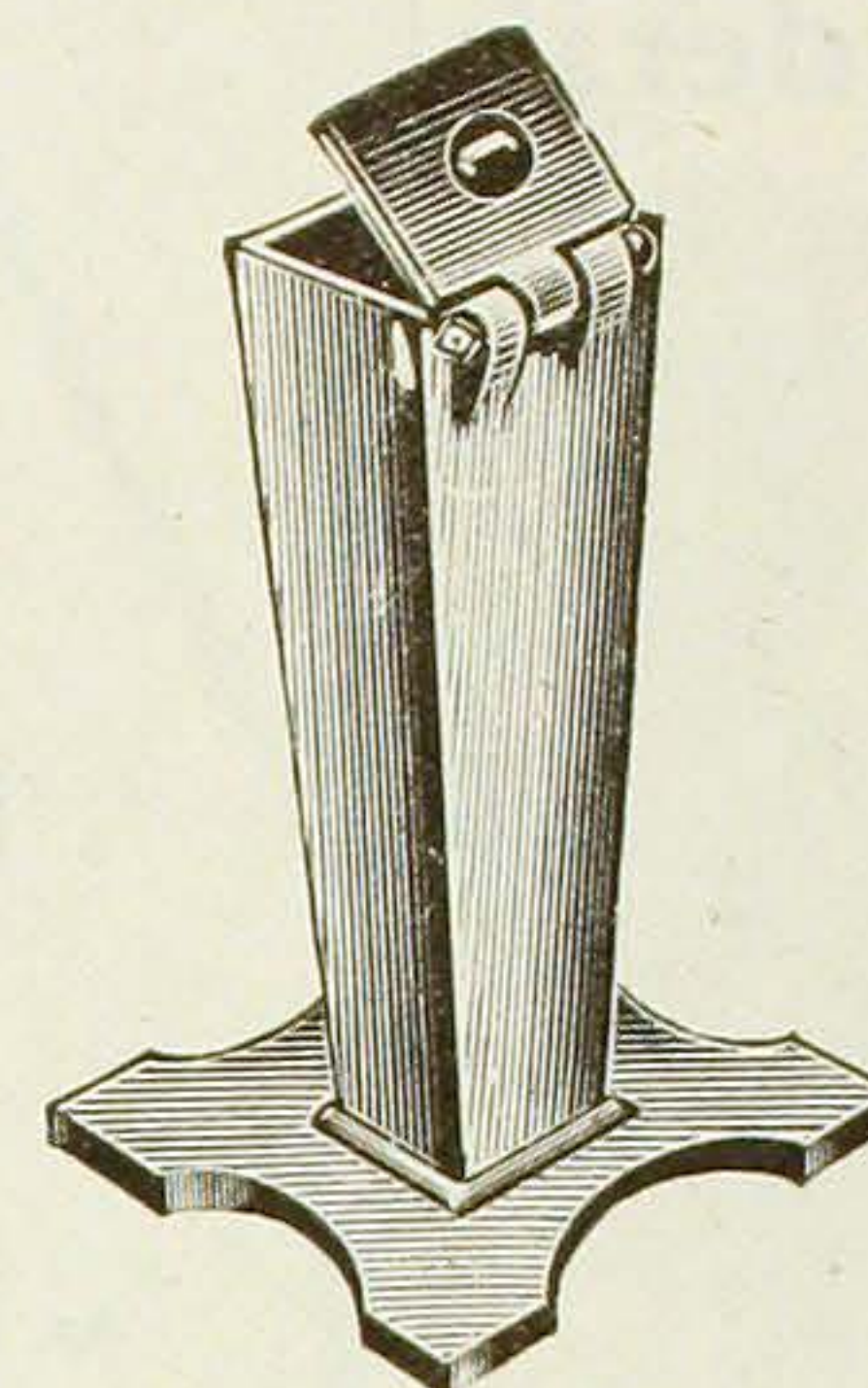
No. PHS 5167
Furnace Door and Frame.

Light Door, Frame and Grating, inclusive.					
Size	7"	8"	9"	10"	12"
Price	3/1	3/6	4/6	5/6	6/6 complete.
Strong Door and Frame only.					
Size	7"	8"	9"	10"	12"
	3/8	3/10	4/6	6/8	11/6 each.
Strong Grating only.					
Size	7"	8"	9"	10"	12"
	3/1	3/9	5/-	6/3	9/1 each.

Best Weighty Improved Door and Frame.
Size 14" 27/3 per cwt. Approx. weight (weighed together) 68 lbs.

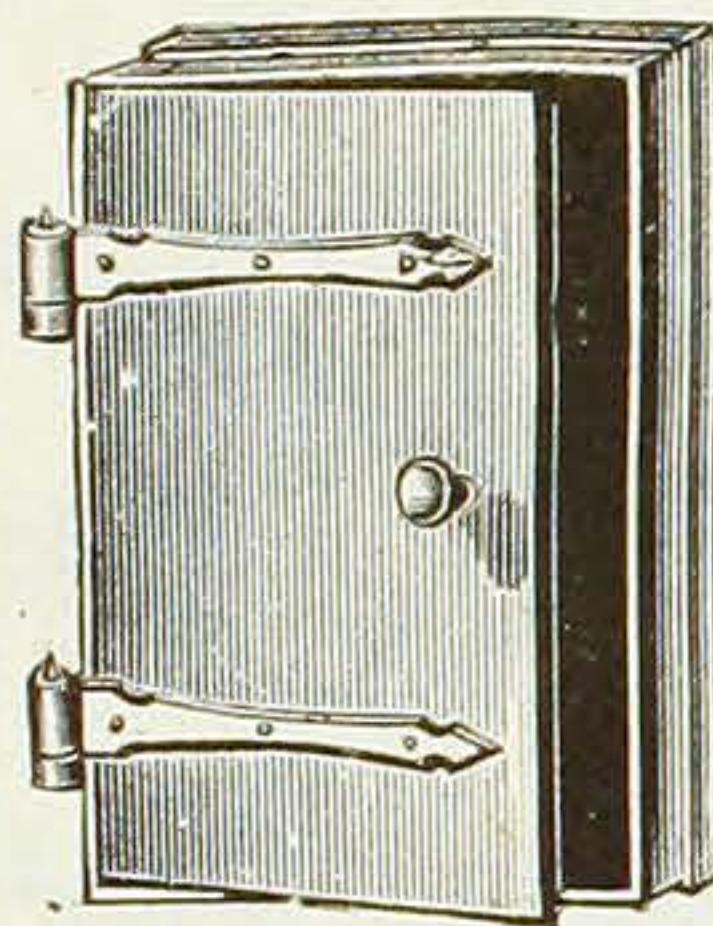


No. PHS 5167
Grating only.



No. PHS 5333
Line Post Socket.
Flush Top.
3" x 3" ... 4/6 each.
4" x 4" ... 5/3 "

Capped Top.
Superior pattern.
*3 1/2" x 3 1/2" ... 6/6 each.
Oak Posts to suit, 3" x 3"
8/- each.
* To order only.



No. PHS 5307
Flue Cleaning Doors.

Not hinged, 9" x 9" ... 9/9 each.
With Hinged Cover } 8" x 11" ... 11/6 "
and Soot Plate } *9" x 15" ... 17/6 "
*To order only.

WALL PLATE.

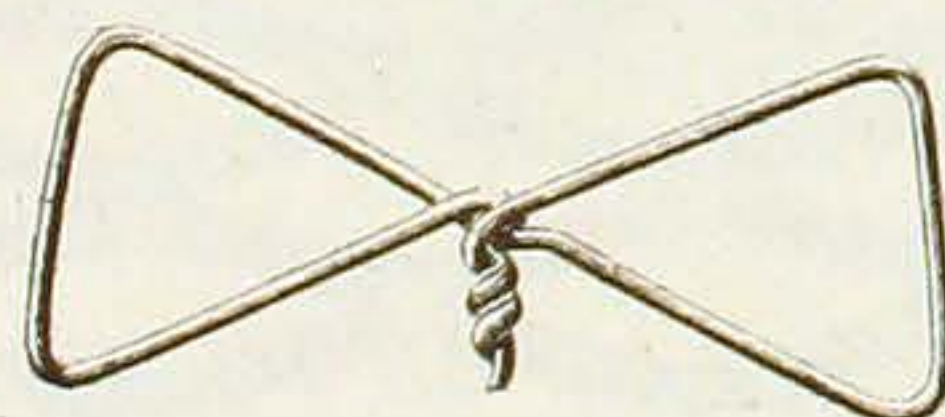
From
3" to 14"
diameter.



*Stock
sizes,
6" to 12"

No. PHS 5329
Light, 28/- cwt. Heavy, 24/6 cwt.
Approx. weights—
6" 7" 8" 9" 10" 12"
2 1/4 4 1/4 6 7 1/2 11 1/2 16 lbs.

WALL TIES.



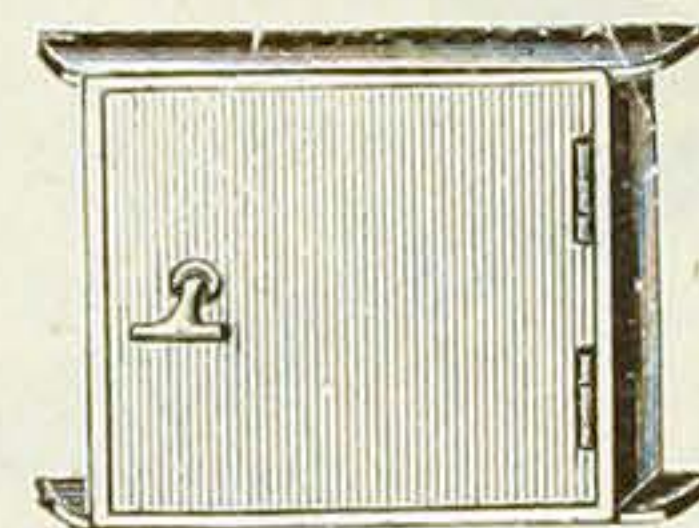
No. PHQ 5248
"Butterfly" Pattern.

Wired together in bundles of 250.
8" x 9G. Solid Galvanised Wire 33/3 per 1,000
8" x 9G. Galvanised after made 58/9 "
9" x 8G. Solid Galvanised Wire 42/- "
9" x 8G. Galvanised after made 75/3 "



No. PHS 5249
Split Ends and Twisted Centres.

Size 8" x 3/4" x 3/16" and 9" x 3/4" x 3/16"
Self Colour ... 19/3 per cwt.
Blackd ... 20/8 "
Spelter, Galvanised ... 29/- "
Stock size 9".
Approx. Number per cwt, 8", 320; 9", 280.



No. PHS 5306

Soot Doors and Frames.

Size	6" x 6"	7" x 7"	8" x 8"	9" x 7"	9" x 9"
Price	3/6	4/-	4/10	4/10	5/3 each.
Size	10" x 12"	12" x 12"	*16" x 12"	14" x 12"	
Price	8/9	12/3	22/-	17/6 each.	

* To order only.



No. PHS 5326
Single Fire Bars and Bearers.
From 9" to 48".
26/3 cwt.



No. PHS 5326
Treble Fire Bars and Bearers.
31/6 cwt.



No. PHS 7050
Sash Weights.

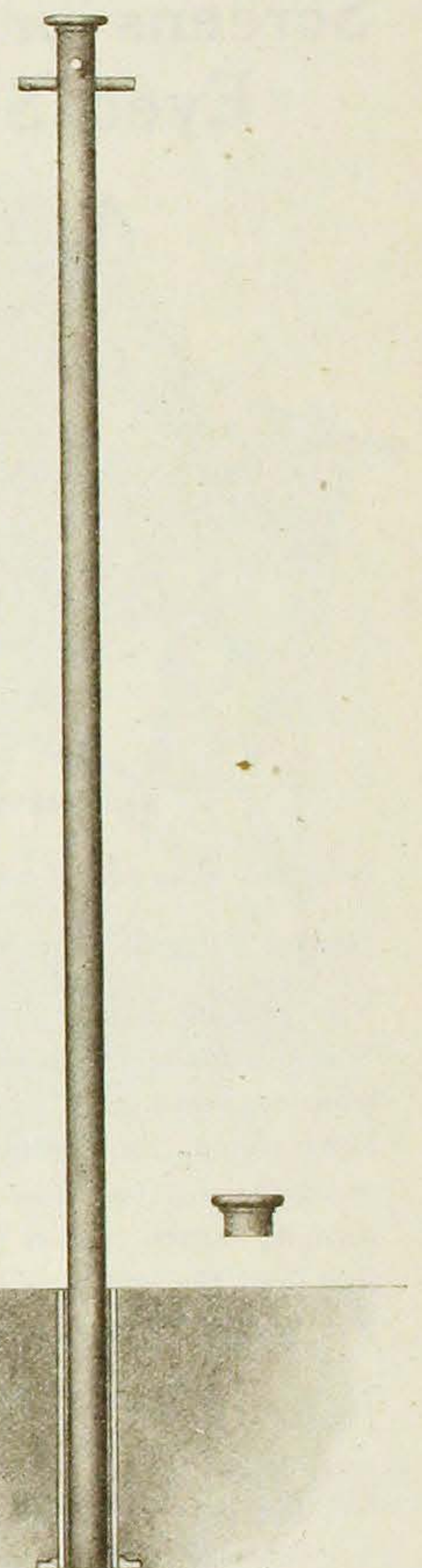
Sash Weights, Round or Square, prices on application. Carrying a stock of most sizes in round, we are in a position to despatch consignments on receipt of order.



No. PHS 3318
Plumbers' Melting Ladles, Varnished.

Size	*2"	3"	3 1/2"	4"	5"
Strong	8/9	10/9	12/3	13/9	17/2 dozen.
"	10d.	1/-	1/2	1/3	1/7 each.
Size	6"	7"	8"	9"	
Extra strong	24/6	33/-	44/4	61/6 dozen.	
"	2/2	3/-	3/10	5/3 each.	

*Size 2" not stocked.



No. PHQ 5328
Tubular Line Post. (Regd.)

Strong, durable, clean.

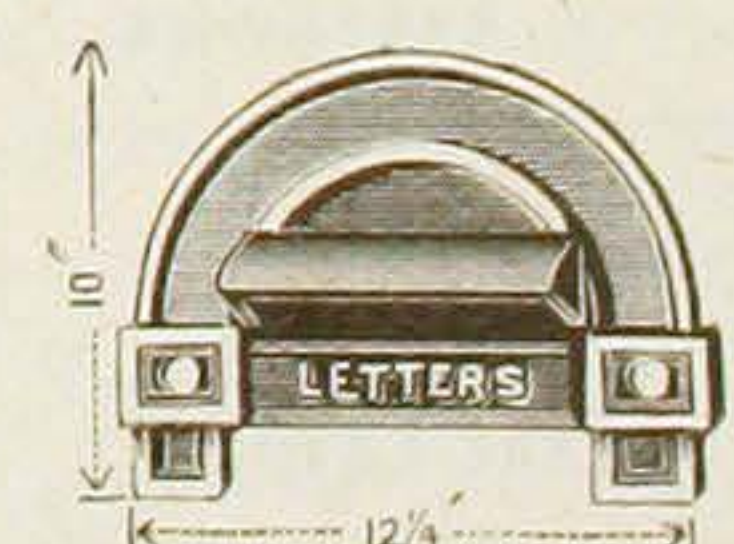
Made of Galvanised Wrought Iron Tubing and fitted with Base coated with Dr. Angus Smith's Solution, and also with Cap to keep out dirt, etc.

It will be noticed that the base requires firmly fixing in the ground, and that the Post can be removed when not actually required for hanging out the line. Cap should be kept on top of post when not fixed in base.

Size 7' high from ground line when fixed. Diameter of post, 1 1/8" outside.

Price 17/2 complete.

WALL LETTER PLATE.



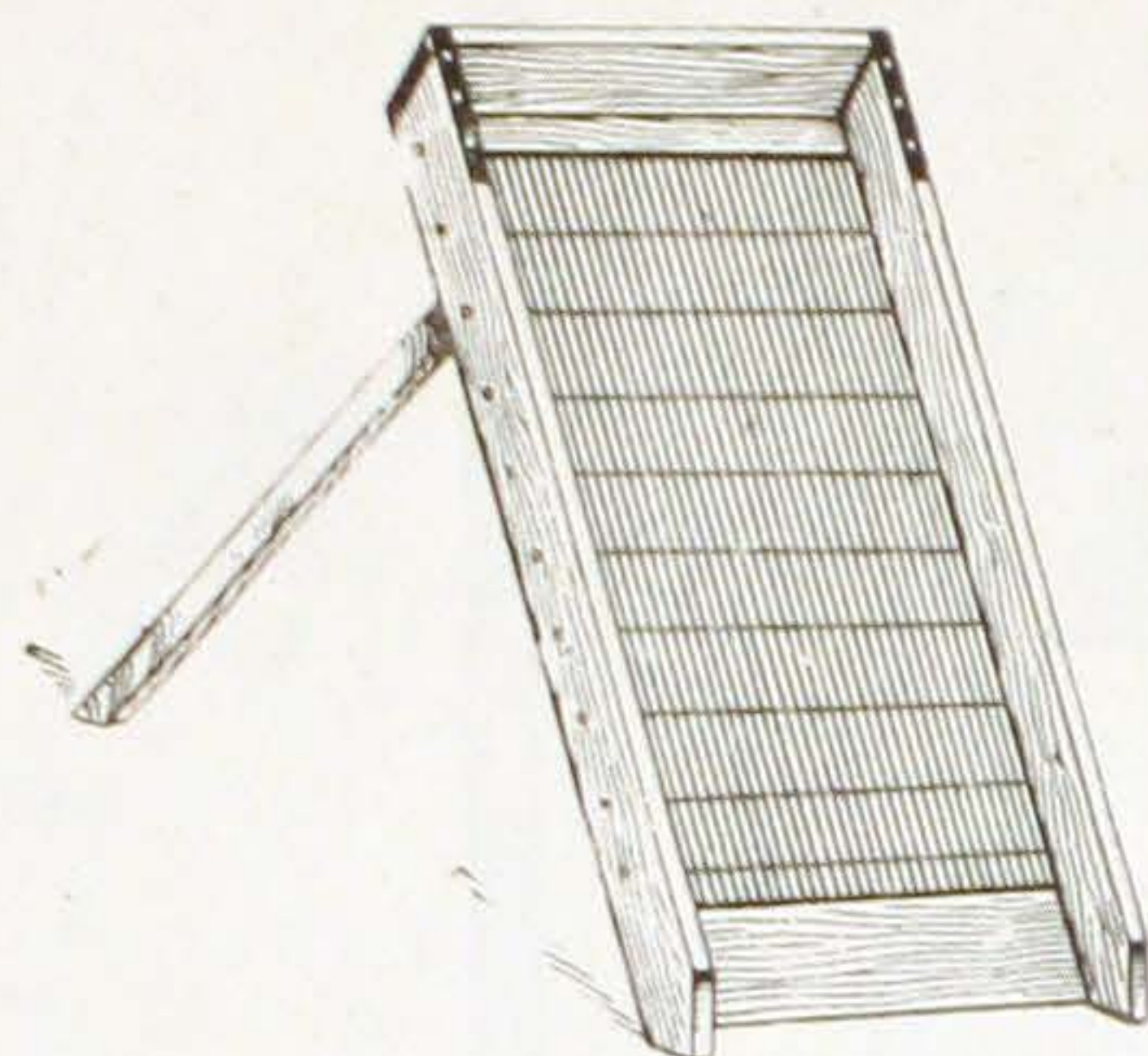
No. PHQ 5519

Size of hole for letters, 5 1/2" x 1 1/4".

Price—Plain, 6/8 each.

Any name can be cast on at 2/- extra.

Extra Strong Gravel Screens or Builders' Eyed Screens



No. PHS*7117

Supplied with strong supporting leg at back.

Special Value. Made to stand Hard Wear.

The best low-priced Screen on the Market. Specification:—Eyed Gravel Screens made from seasoned hard wood, hoop iron band right round front, supporting leg at back, strengthening bar down centre, $\frac{5}{16}$ " cross rods, $4\frac{3}{4}$ " apart, corners protected with angle iron, and the whole well and strongly made from the best materials.

Size: 6' 0" x 2' 9"

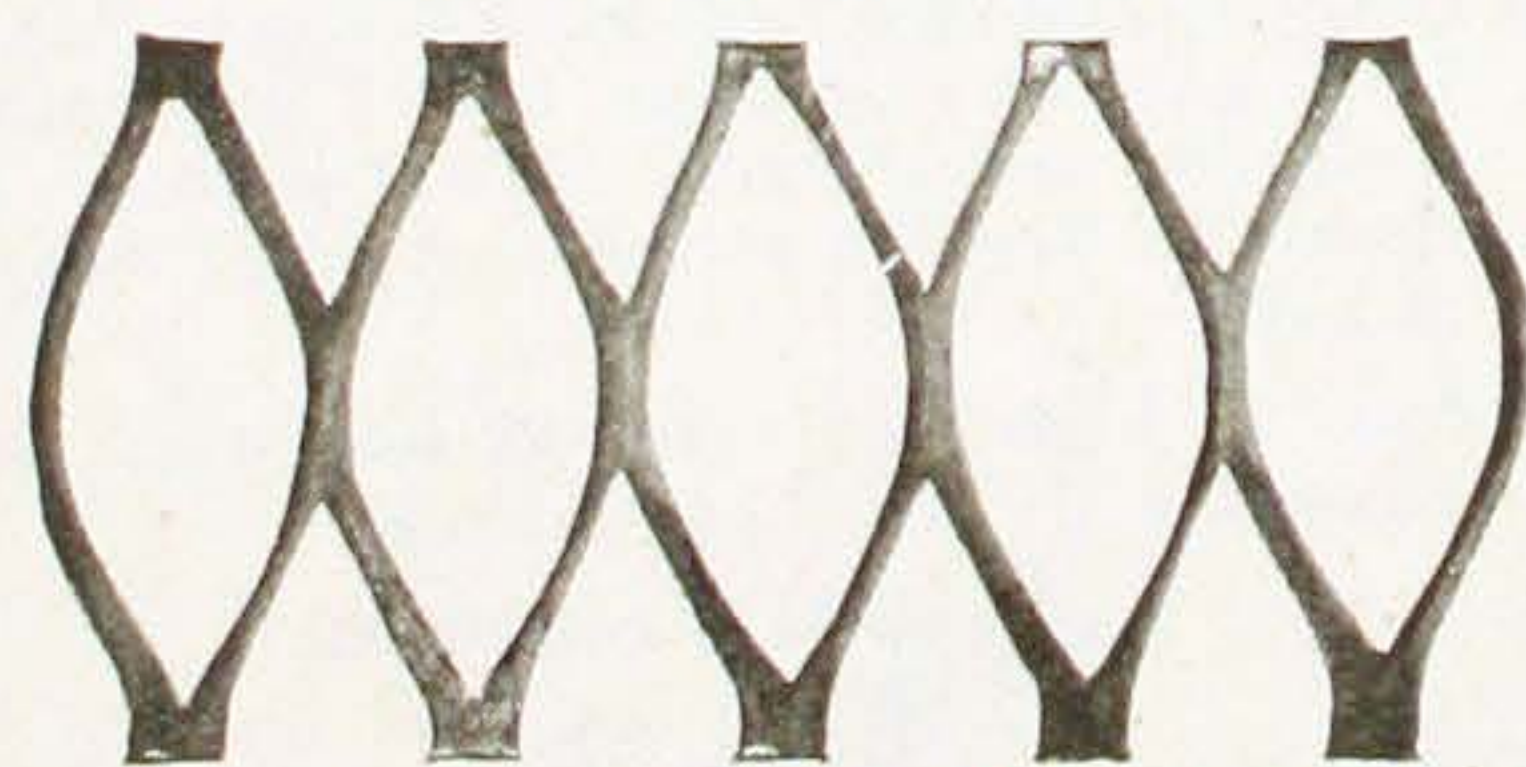
Prices... $\frac{1}{4}$ " $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" mesh.
42/6 41/-

Carriage Paid on lots of three and upwards.

For a higher grade of Gravel Screen we recommend our Patent "Excelsior"—the finest Screen made—see page 316.

Expanded Metal Lathings

Nos. BS 250 and BS 252.



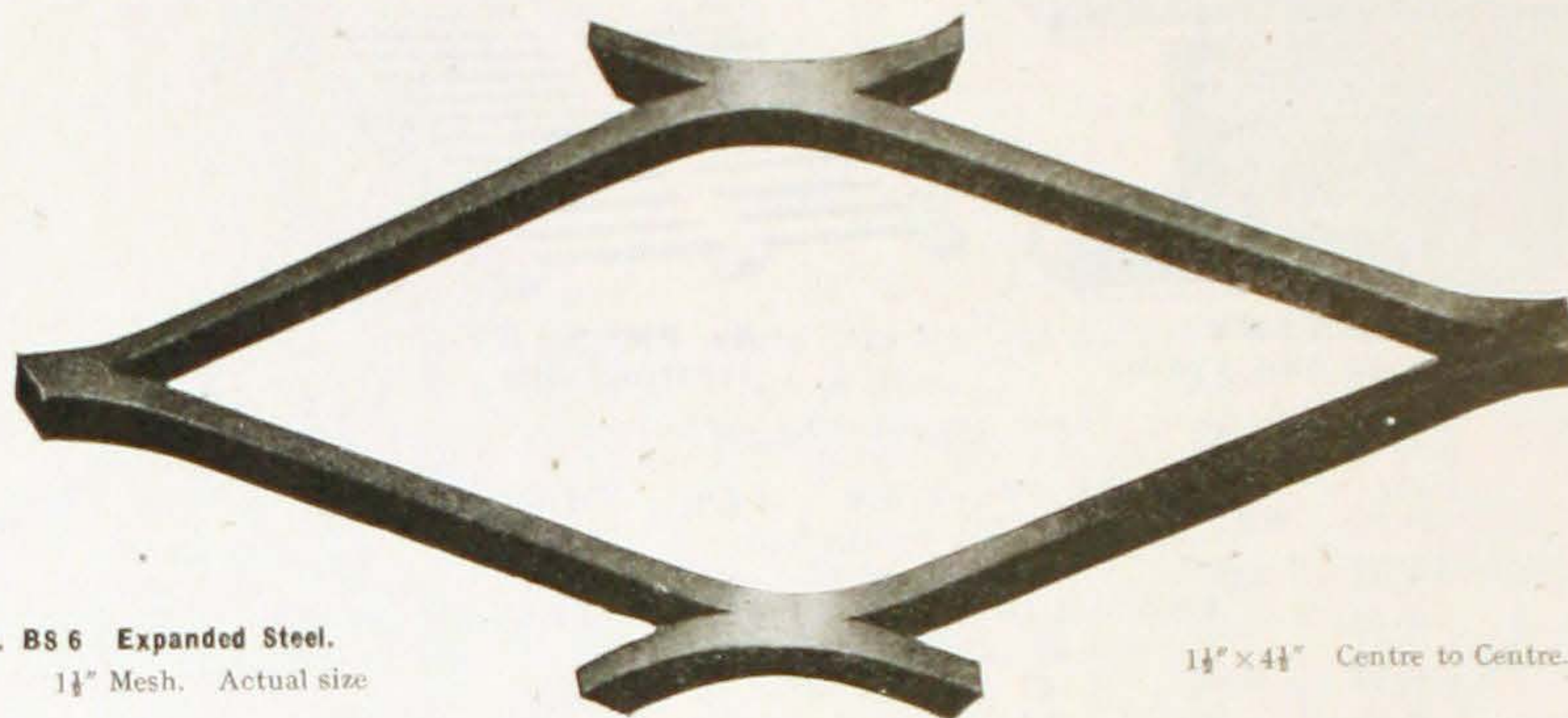
ALL LATHING IS COATED WITH A MINERAL OIL IN PROCESS OF MANUFACTURE AND DIPPED ONCE IN ASPHALTUM PAINT UNLESS SPECIALLY ORDERED OTHERWISE.

	Price List No.	Size of Mesh (Shortway)	Dimensions of Strands.
"B.B." EXPANDED METAL LATHING.	BS*250	1"	—
	BS 252	1"	—
	BS 2	1"	—
	BS 6	1"	—
"EXPAMET" EXPANDED STEEL SHEETS.	BS 8	1"	—
	BS 9	1"	—
	BS 10	1"	—
	BS 19	1"	—
	BS 21	1"	—
	BS 27	1"	—
	BS 76	1"	—
	BS 2	1"	—
	BS 6	1"	—
	BS 8	1"	—

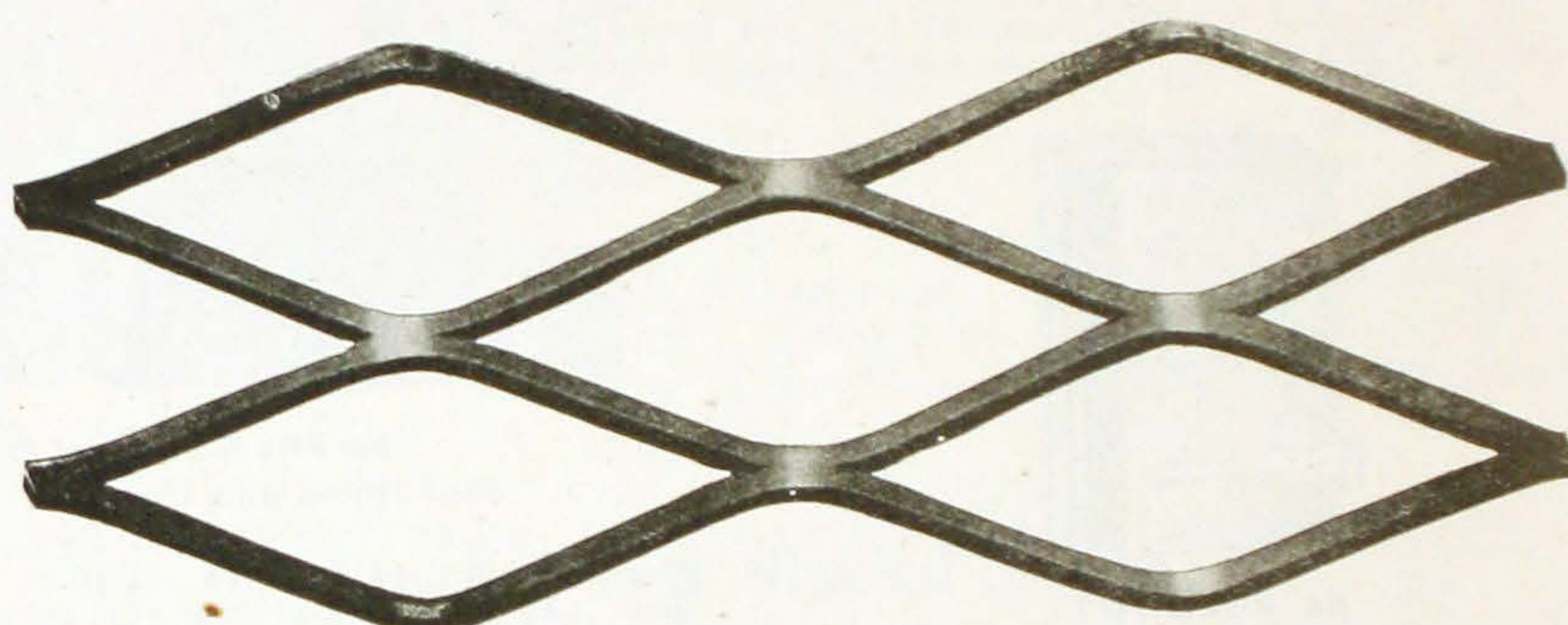
No. PHS 50—"EXMET" BRICKWORKS REINFORCEMENT. In strips $2\frac{1}{2}$ " wide, 24 gauge, in coils about 270 feet long, 10/6 per coil.

Expanded Steel Sheets

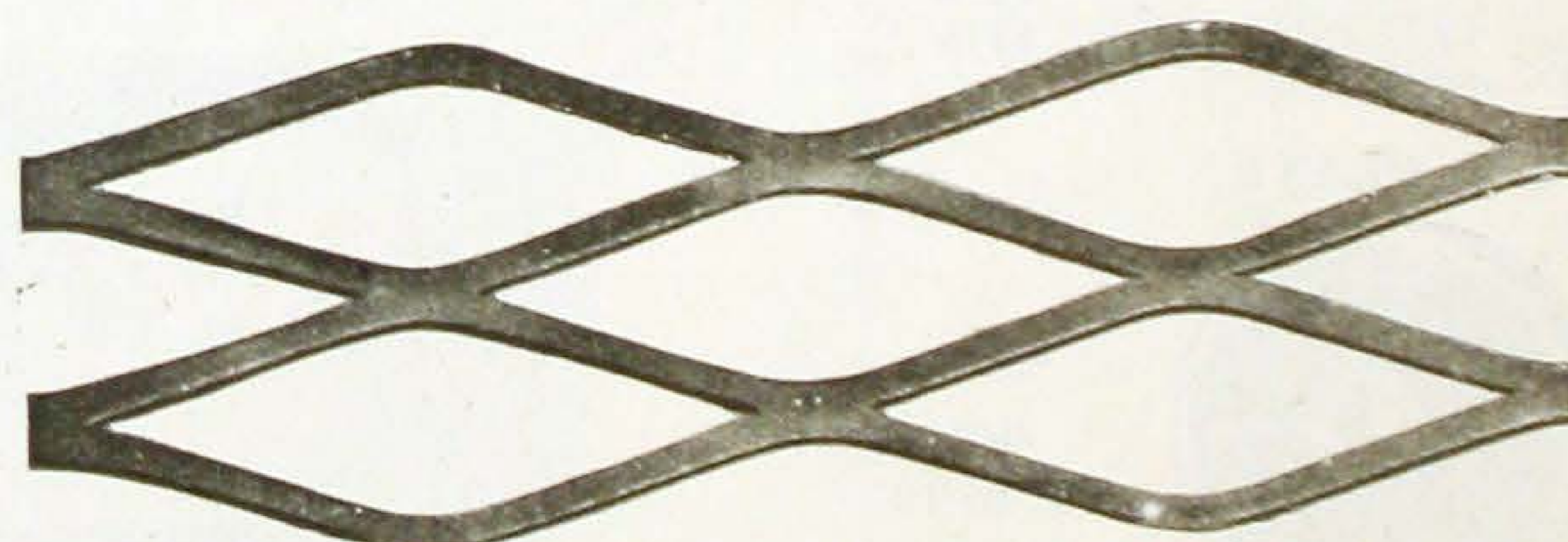
PRICES AT FOOT OF PAGE.

No. BS 6 Expanded Steel.
1" Mesh. Actual size

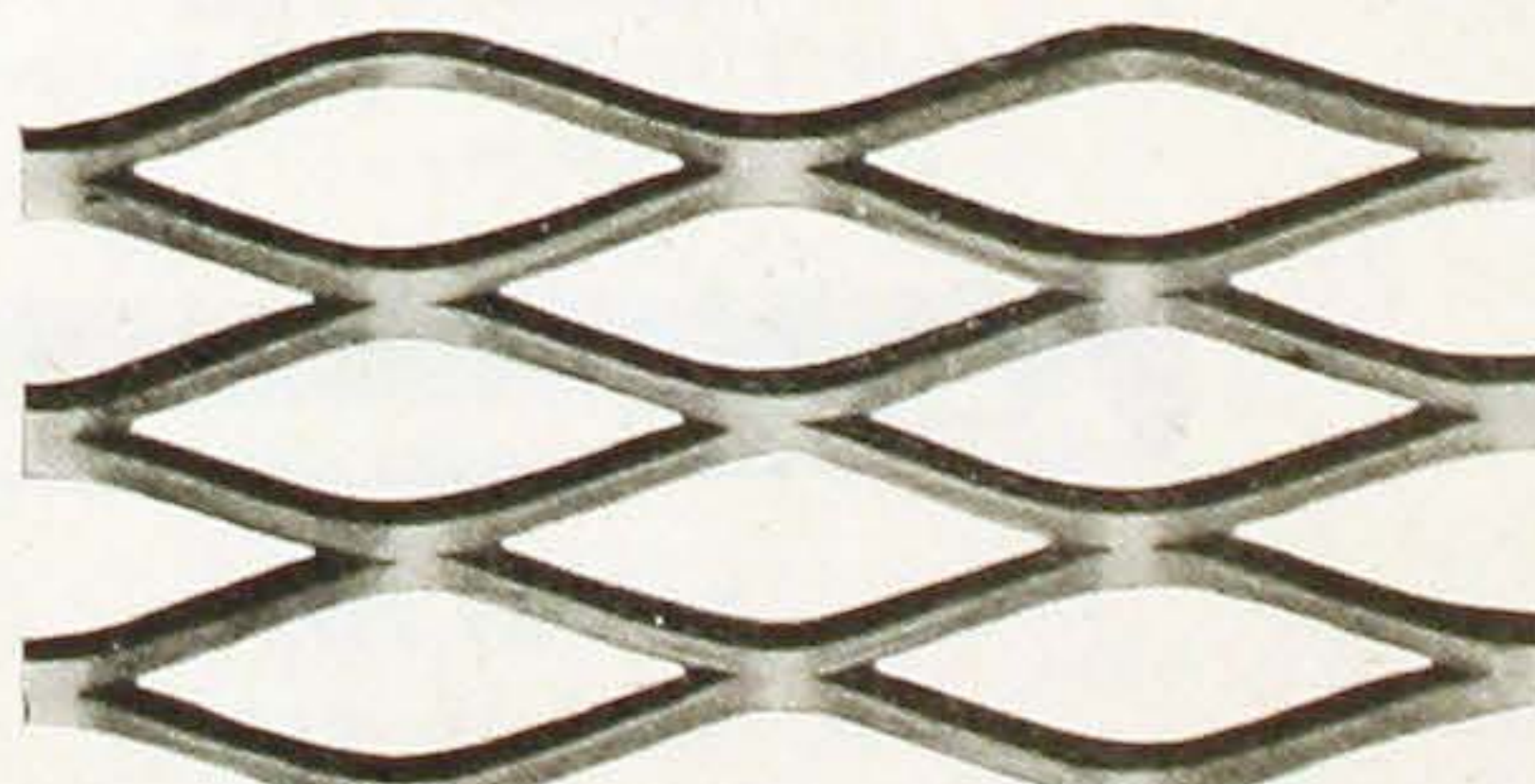
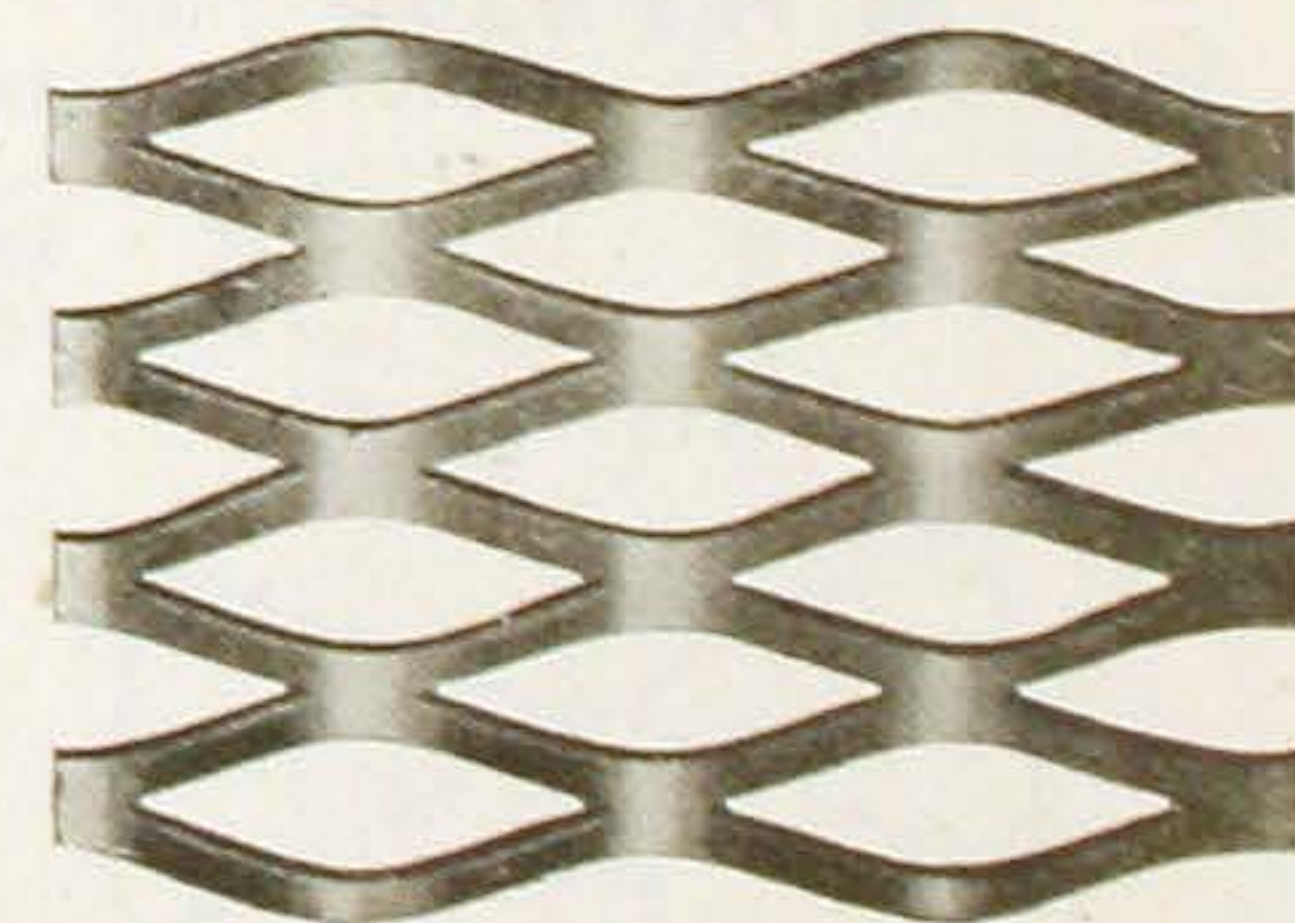
1 1/2" x 4 1/2" Centre to Centre.



No. BS 19. Expanded Steel. 1/2" Mesh: Actual Size. 1/2" x 2 3/4" Centre to Centre.



No. BS 2 Expanded Steel. 3/8" Mesh: Actual Size. 3/8" x 1 1/8" Centre to Centre.

No. BS 27 Expanded Steel.
1/4" Mesh: Actual Size. 1/4" x 1 1/8" C/C.No. BS 76 Expanded Steel.
1/8" Mesh: Actual Size. 1/8" x 3/4" C/C.

ALL PRICES ARE FREE ON RAILS, BIRMINGHAM.

Size of Sheets kept in Stock.	Approx. Weight per yard super.	Quantities of under 300 yds. sup.
Longway of Mesh.		
Shortway of Mesh.		
9' 0" x 2' 0"	2 1/2 lbs.	1/8 per sheet
9' 0" x 2' 0"	3 lbs.	2/1 of 2 sq. yds.
8' 0" x 9' 0"	6 1/2 lbs.	2/10 per yard super.
8' 0" x 4' 0"	3 1/2 lbs.	1/8
12' 0" x 2' 0"	7 1/2 lbs.	2/7
12' 0" x 6' 0"	5 1/2 lbs.	2/-
12' 0" x 6' 0"	11 1/2 lbs.	3/8
8' 0" x 4' 0"	6 1/2 lbs.	2/10
8' 0" x 4' 0"	11 1/2 lbs.	4/6
8' 0" x 7' 0"	9 lbs.	4/8
8' 0" x 5' 0"	5 1/2 lbs.	3/-

HAND OR POWER.

"Parwinac" Concrete Mixers 3-4 cubic ft. CAPACITY.

Whilst the full advantages of Mechanical Mixing can only be obtained by the use of Power, it is often essential that machine-mixed Concrete be used even though the work to be done is not extensive enough to justify investment in power-driven plant.

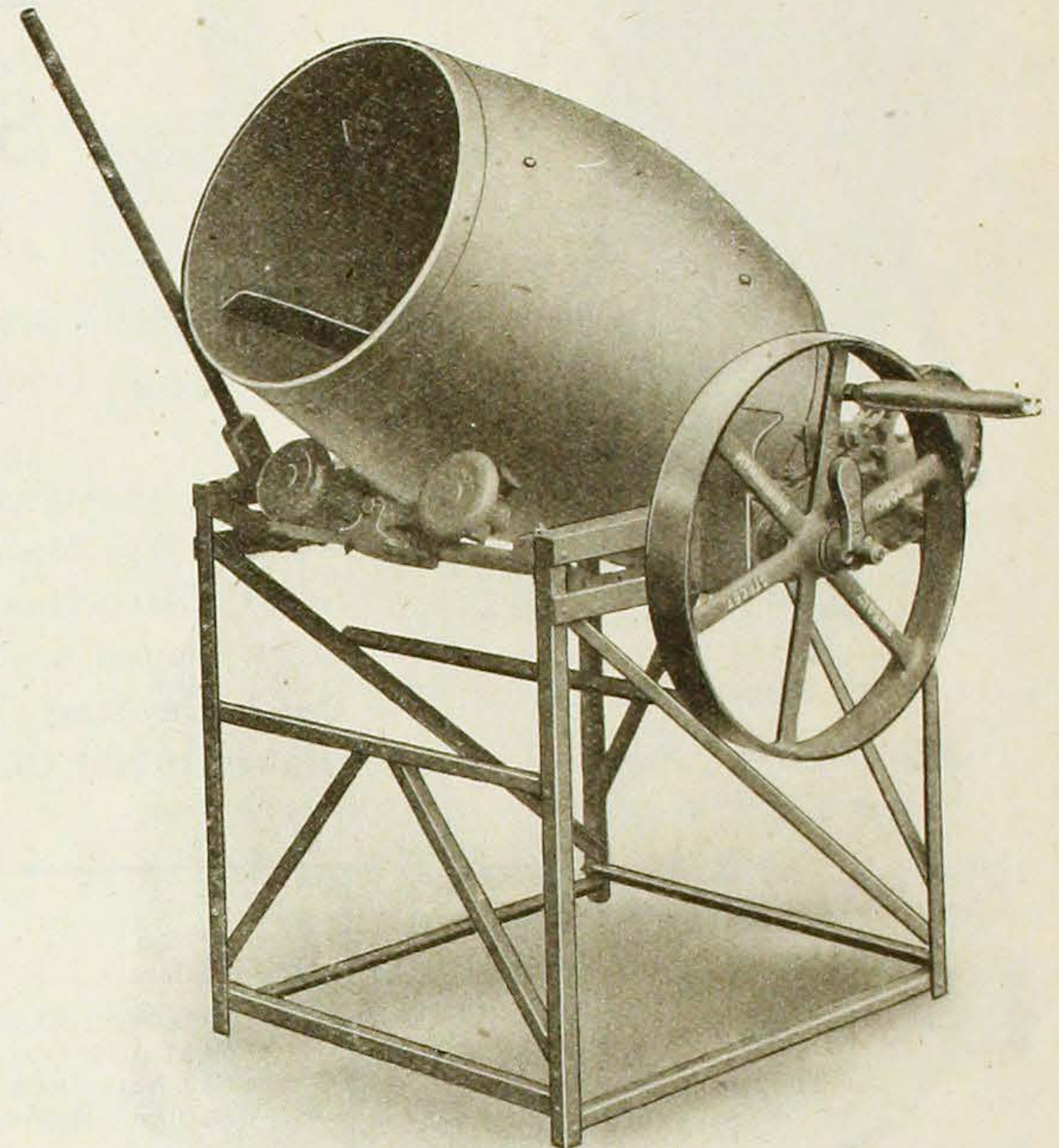
To meet such circumstances this hand power machine is made.

Tests have shown that hand-mixed Concrete has only 53 to 88 per cent. of the strength of machine-mixed Concrete; this disparity is greatest during the earlier stages, it is therefore particularly desirable that machine-mixed Concrete should be used when making Concrete Blocks, as these, in most cases, are used very soon after they are made.

EASY TO OPERATE.

CLACTON-ON-SEA.

The Mixer (No. 2 Model) has been in use for 4 or 5 weeks the result being satisfactory. One man can operate the machine comfortably for any number of hours. To make sure of this I turned for a period of $1\frac{1}{2}$ hours, and could have kept on, the slight rest after each discharge being quite enough to break the monotony. I only used one hand at a time on the handle, and with the exception of two momentary periods during the mixing of each batch, *i.e.*, when cement was added and whilst discharging, very little effort was needed. I make it a practice to mix one ordinary barrow load at a time—a larger charge is not of any advantage, as each mix is ready by time barrow returns, allowing $1\frac{1}{2}$ to 2 minutes per mix.



**No. PHS 7121 No. 2 Model
"Parwinac" Concrete Mixer.**

For operation by hand.

Price £21 0 0

Can be supplied with smaller Pulley Wheel and Clutch and is suitable for driving from existing power.

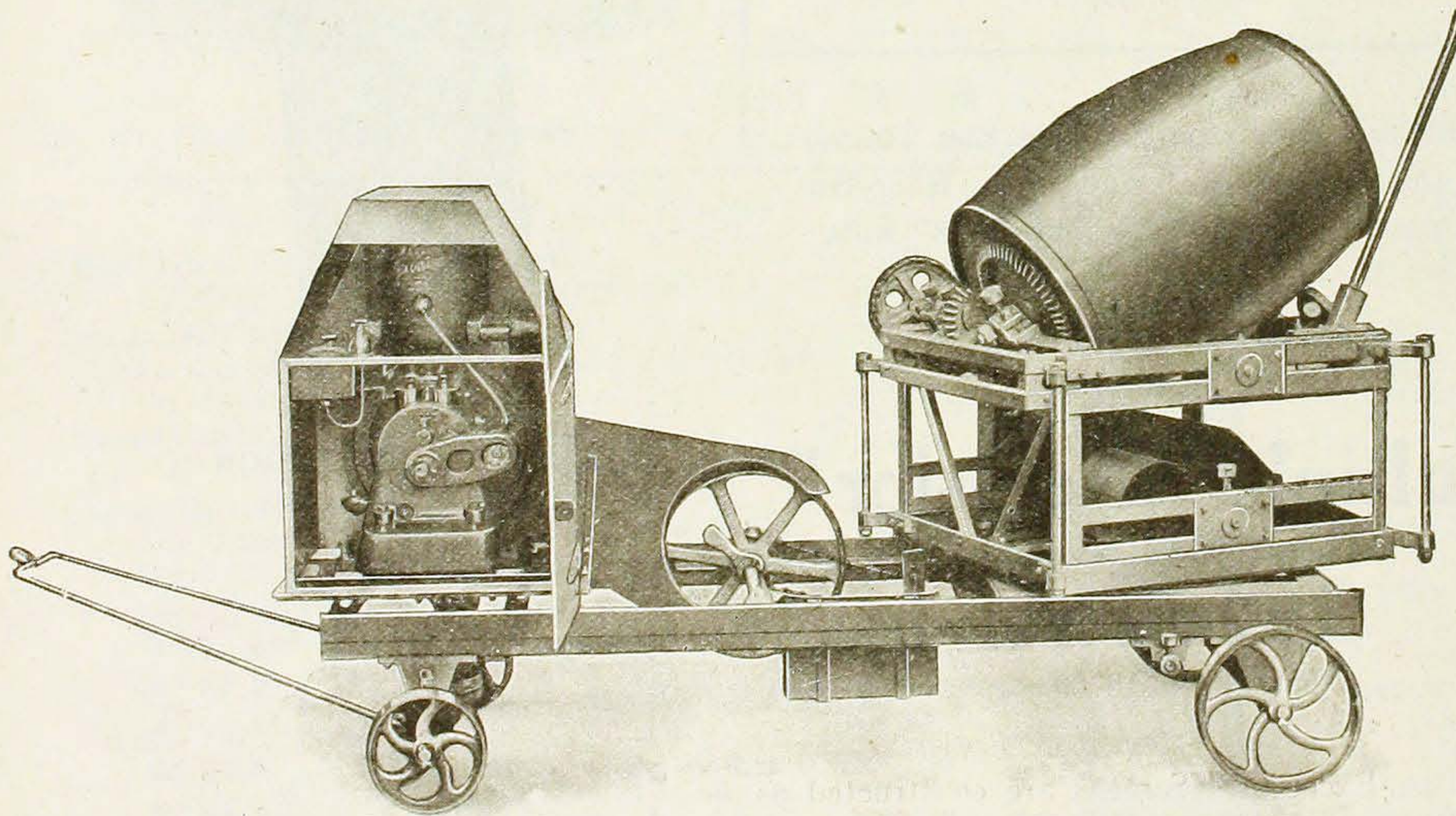
No. 12 MODEL.

This machine has embodied within its construction an unique feature not found upon any other make of Concrete Mixer.

The Mixing Drum is mounted upon a turntable so that, whilst continually running, it can be loaded from and will discharge on either side or at the end of the machine.

The Engine fitted is a $2\frac{1}{2}$ h.p. "Lister"; the cost of running is about eighteen pence per day.

As there is a belt drive the engine is immediately available for other work when the Mixer is not required for mixing.



No. PHS 7175 No. 12 Model "Parwinac" Concrete Mixer, fitted with $2\frac{1}{2}$ h.p. "Lister" Engine. Mixing Barrel mounted upon turntable. **Price £84.**
Can be supplied without Turntable if required.

"A Batch a Minute" is the slogan often used to describe the capacity of a Concrete Mixer, but it is doubtful whether it really appeals to one who is carefully considering an estimate of output.

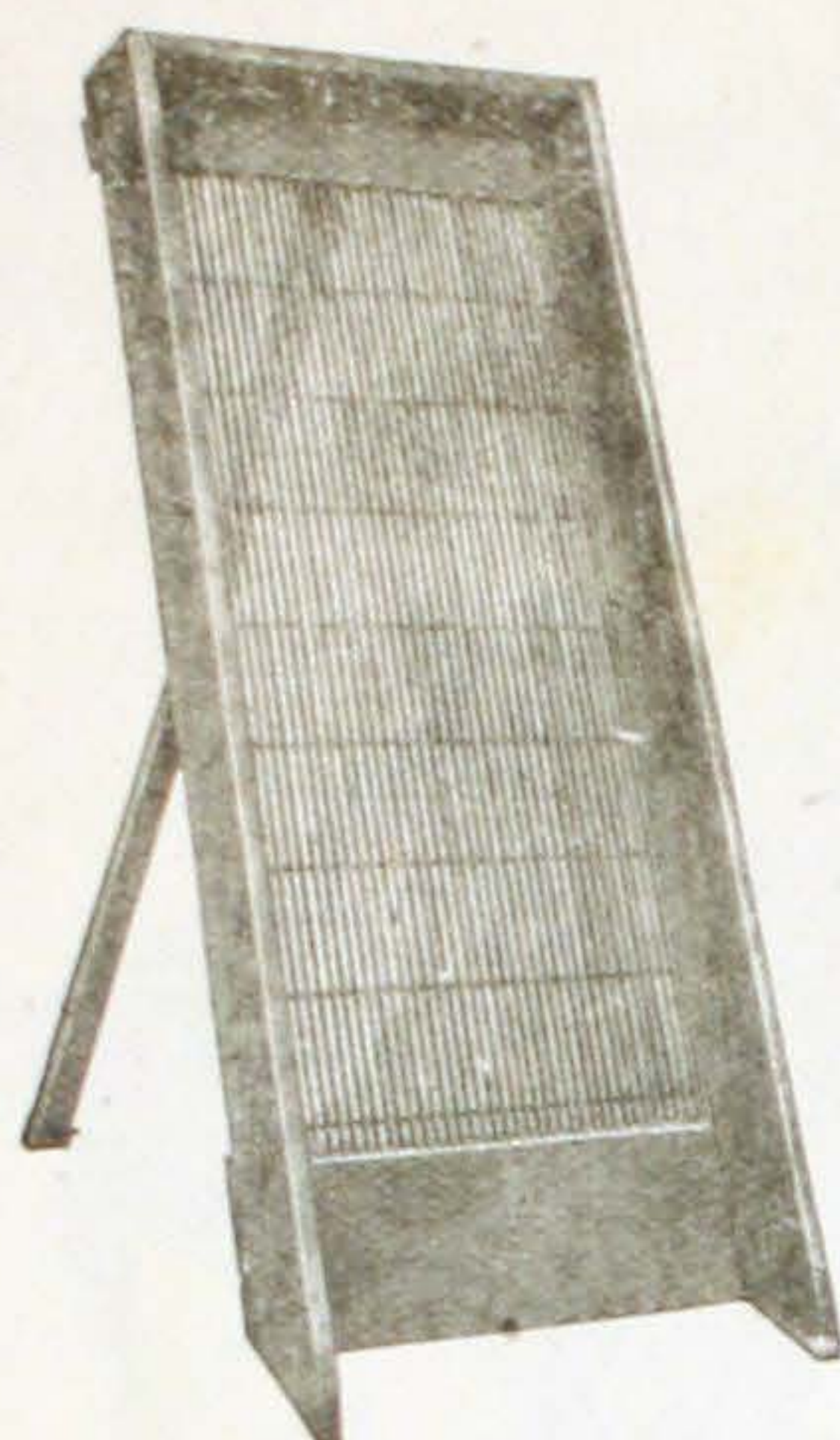
It can be truthfully written that practically any Concrete Mixer will **Mix** "A Batch a Minute," but that does not mean that an output of "A Batch a Minute" will be obtained, as no time is allowed for loading, discharging or the wheeling away of the material.

Of a Concrete Mixer having a capacity of 3-4 cubic feet of mixed material it cannot be stated, that is if the statement is to be reliable, that an output of a batch can be obtained in less than three minutes.

Three minutes gives reasonable time for loading, mixing and clearing away the Concrete and also provides some little consideration for the attendant human element.

Three and a half cubic feet every three minutes means 70 cubic feet per hour, an output of twenty cubic yards in a working day.

Although the output of 20 cubic yards has been exceeded considerably; it is doubtful whether an estimate of output, of a $3\frac{1}{2}$ cubic feet capacity Concrete Mixer, of over 20 cubic yards per day can be relied upon unless it is given by an individual who has definite knowledge that the arrangements made for loading and discharging are particularly favourable.



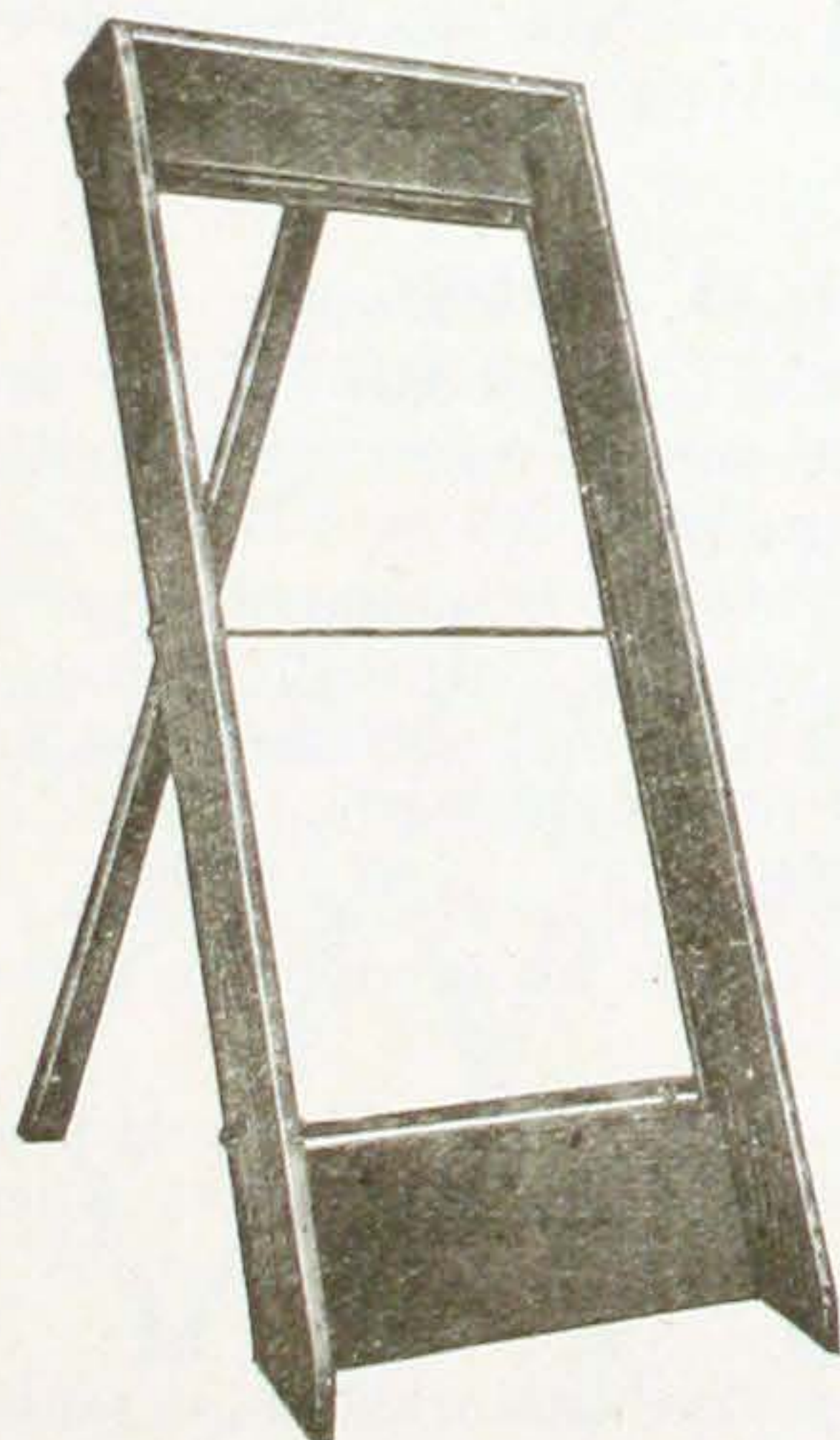
No. PHS 7122

"EXCELSIOR" SCREEN.

6' 0" high, 2' 8" wide.

1/8" mesh...	£6 17 6
3/16" " " "	6 3 6
1/4" " " "	5 12 6
5/16" " " "	5 7 6
3/8" " " "	5 0 0
1/2" " " "	4 13 6
5/8" " " "	4 8 0
3/4" " " "	4 5 0
7/8" " " "	4 2 6
1" " " "	4 0 0

Where a mesh wider than 1" is required it is built of stronger bars (section of which is shown). The Price of Screens over 1" mesh is £6 0 0 each.



No. PHS 7119

"MULTIPLE-EXCELSIOR"

Frame to take the panels of mesh shewn opposite. Price £2 10 0 This is the price of Frame only and does not include any mesh. Can also be supplied made entirely of Steel. Price £3 15 0

"Excelsior"

Patent Steel-Bladed Screens

Patent No. 894.

The price of these Screens appears to be high but they are not dear—Length of Life alone justifies their cost.

Although costing more than Double the Price of the ordinary Wire Mesh Contractor's Screen, the Substantial Construction of the equipment generally, the Steel Bladed mesh in particular, combined with its Quick-Clearing characteristic is such as to render the Higher Initial Outlay Absolute Economy.

Co. ROSCOMMON,
27th October, 1923.
Gentlemen,
Your "Excelsior" Screens are wonderful value. About nine years ago I got two of them from you. They have been in constant use since. Their cost was more than saved in six months.
Yours faithfully, J.M.

FRAMES are made from selected Elm Timbers, 1 1/4 in. thick, suitably bound with Hoop-Iron, overall measurements 6' 0" high, 2' 8" wide.

"Multiple-Excelsior"

Patent Steel-Bladed Screens

Patent No. 18769.

The "Multiple-Excelsior" Screens are constructed as described above but they are made so that the panel of Mesh can be taken out of the Frame and changed for Panels of other sizes of mesh.

Panels of mesh can be supplied without frame and, if they are wanted for fixing into framework, can be built to Sizes to suit particular requirements. The Cross Rods can be left projecting so that they can pass through such framework and be secured on the outside of it by additional nuts provided for that purpose.

We are manufacturers of Rotary Screens for operation by hand and power, also Bar Screens, suitable for use in Gravel Pits, Quarries, Brickyards, Collieries and in practically every industry where Screening is a necessity.

A 20-page Illustrated Catalogue of Screening Equipment will be sent upon request. Please ask for Catalogue E.S. 507.

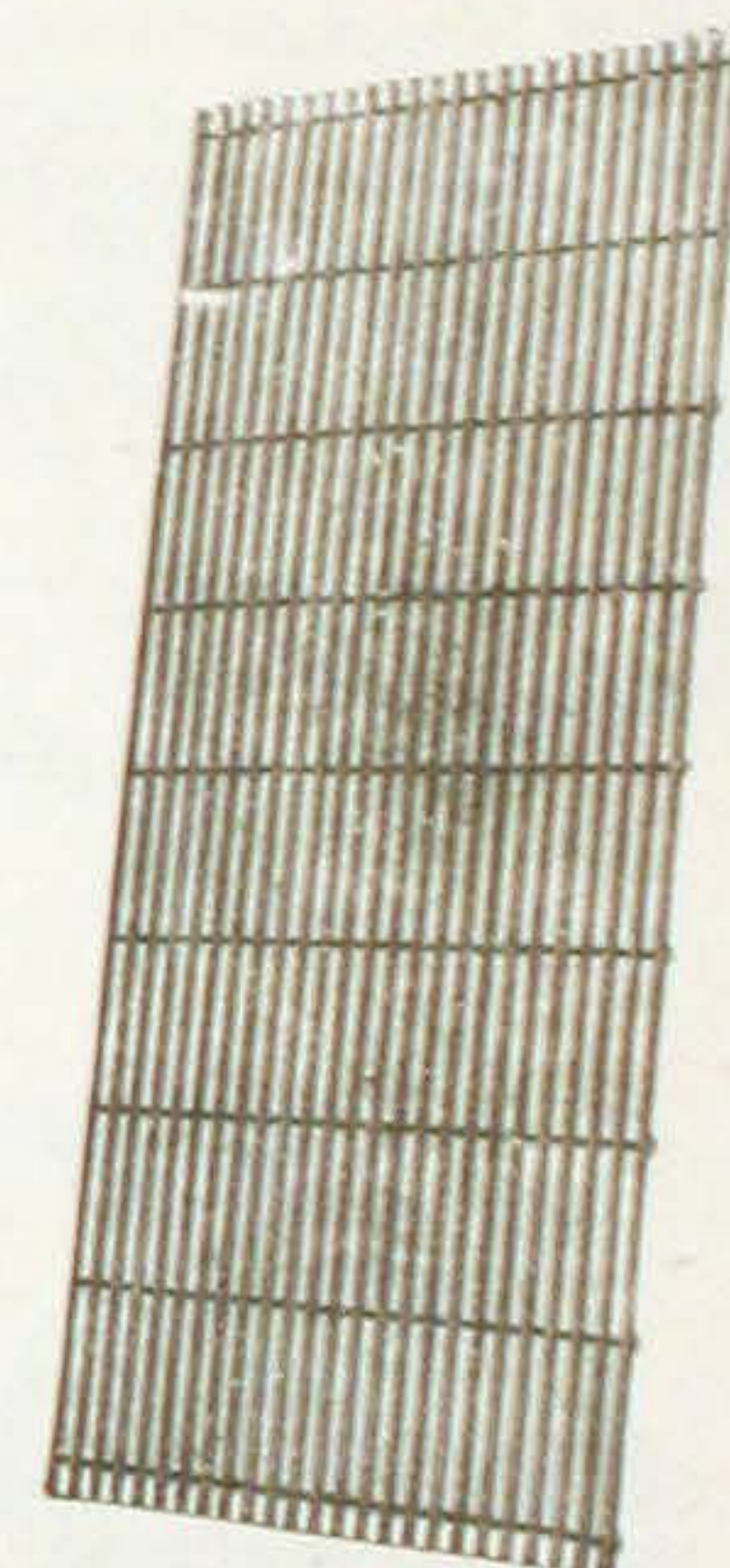


The mesh is composed of a series of wedge-shaped Steel Blades (full size section above).

Material passing the face of the screen immediately falls clear of the mesh.



Full size section of Bar with which meshes over 1" wide are built, four times the strength of blades used for closer meshes.



No. PHO 7120

"MULTIPLE-EXCELSIOR" SCREENING PANEL.

4' 6" x 2' 6"

Prices :

1/8" mesh	£5 7 6
3/16" " " "	4 13 6
1/4" " " "	4 2 6
5/16" " " "	3 17 6
3/8" " " "	3 10 0
1/2" " " "	3 3 6
5/8" " " "	2 18 0
3/4" " " "	2 15 0
7/8" " " "	2 12 6
1" " " "	2 10 0

Panels with a mesh wider than 1" are built with stronger bars (section above)

The price of Panels over 1" mesh is £3 10 6 each.

Prices are for Panels only and do not include cost of Frame.

Brass Pavement Rollers

For Indenting Concrete or Granolithic Pavements.

Teeth and Body of Rollers are all in one. All Pyramid Rollers are supplied with Iron Extension Rod 3' 6" long or with short wooden handle, as desired.

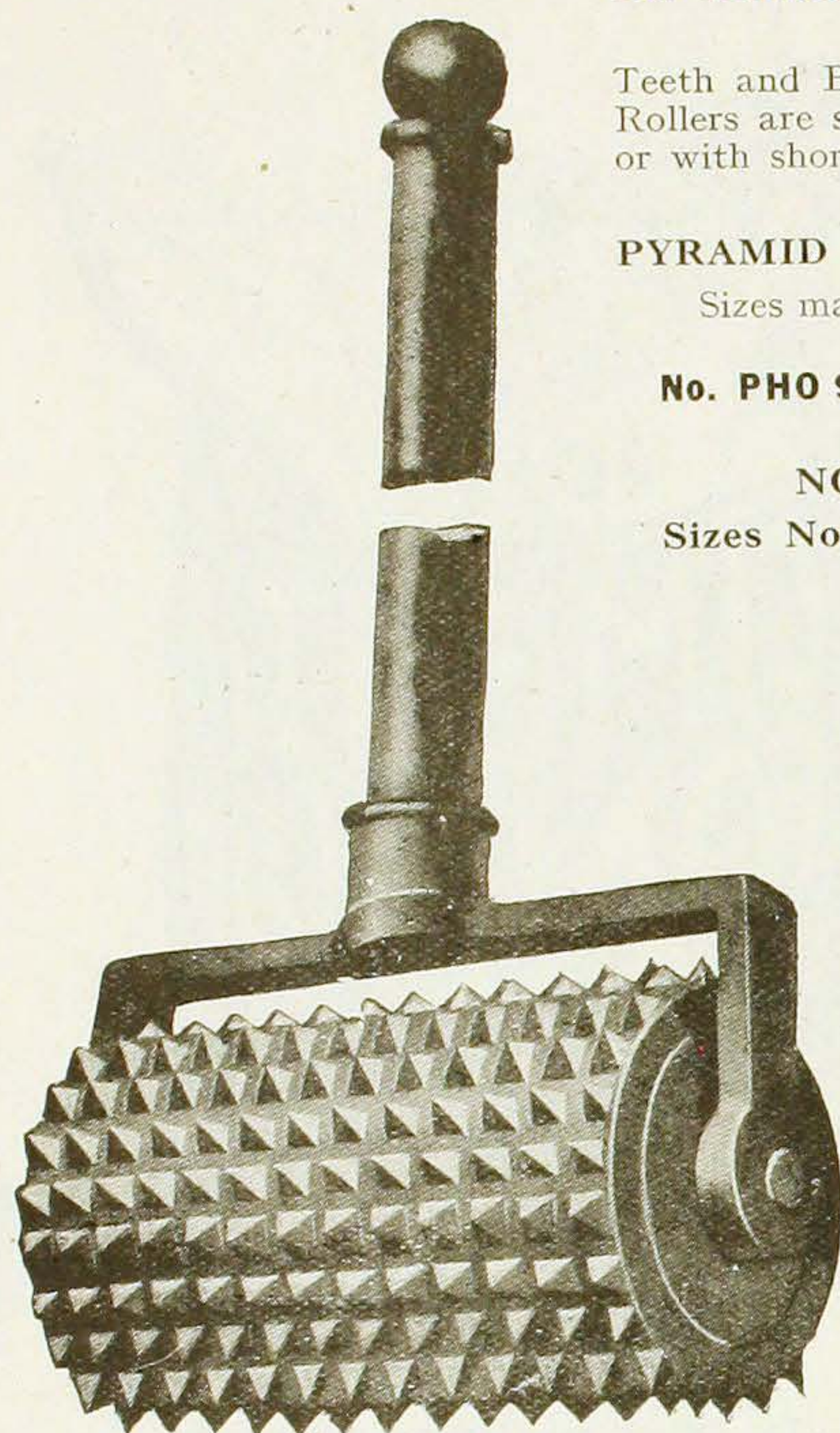
PYRAMID TEETH ROLLER.

Sizes made up to 20" long.

No. PHO 9612

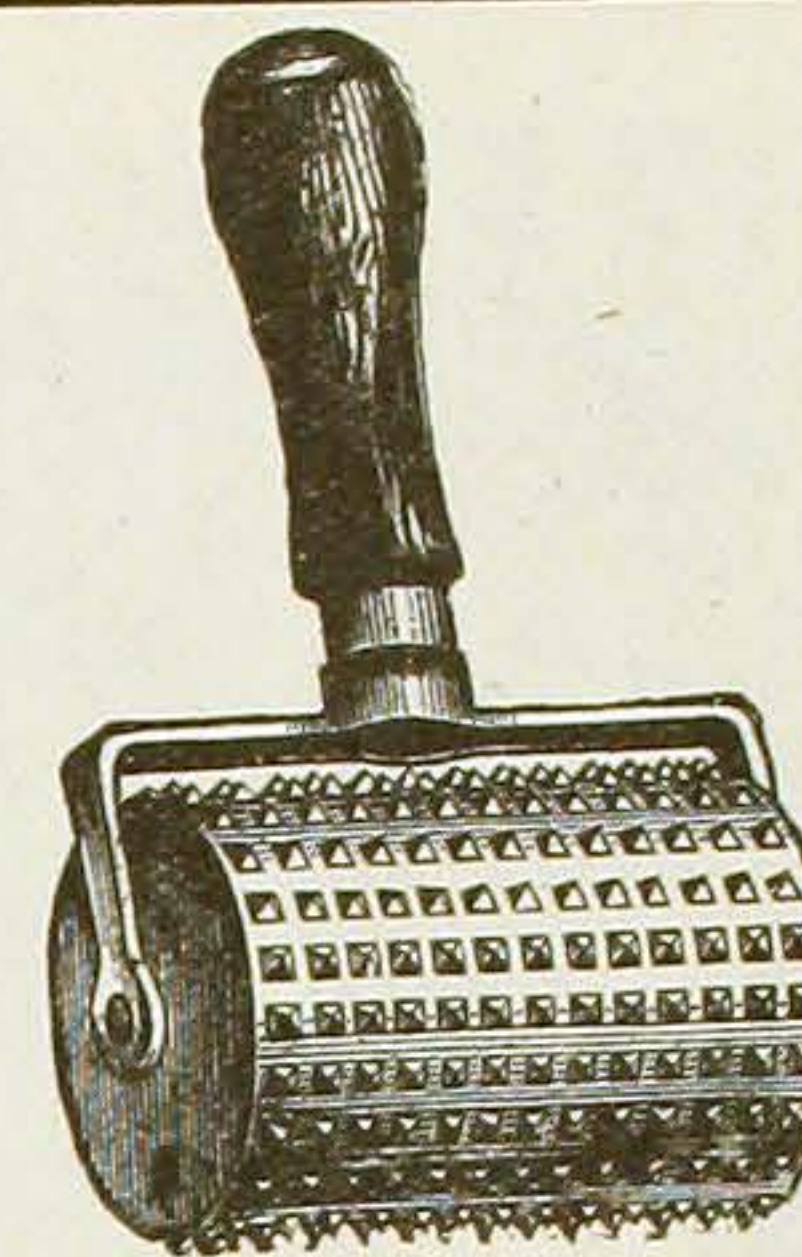
NOTE.—All Rollers are Solid Teeth.

Sizes No. 2 and 4 are the Patterns mostly sold.



No. PHO 9612

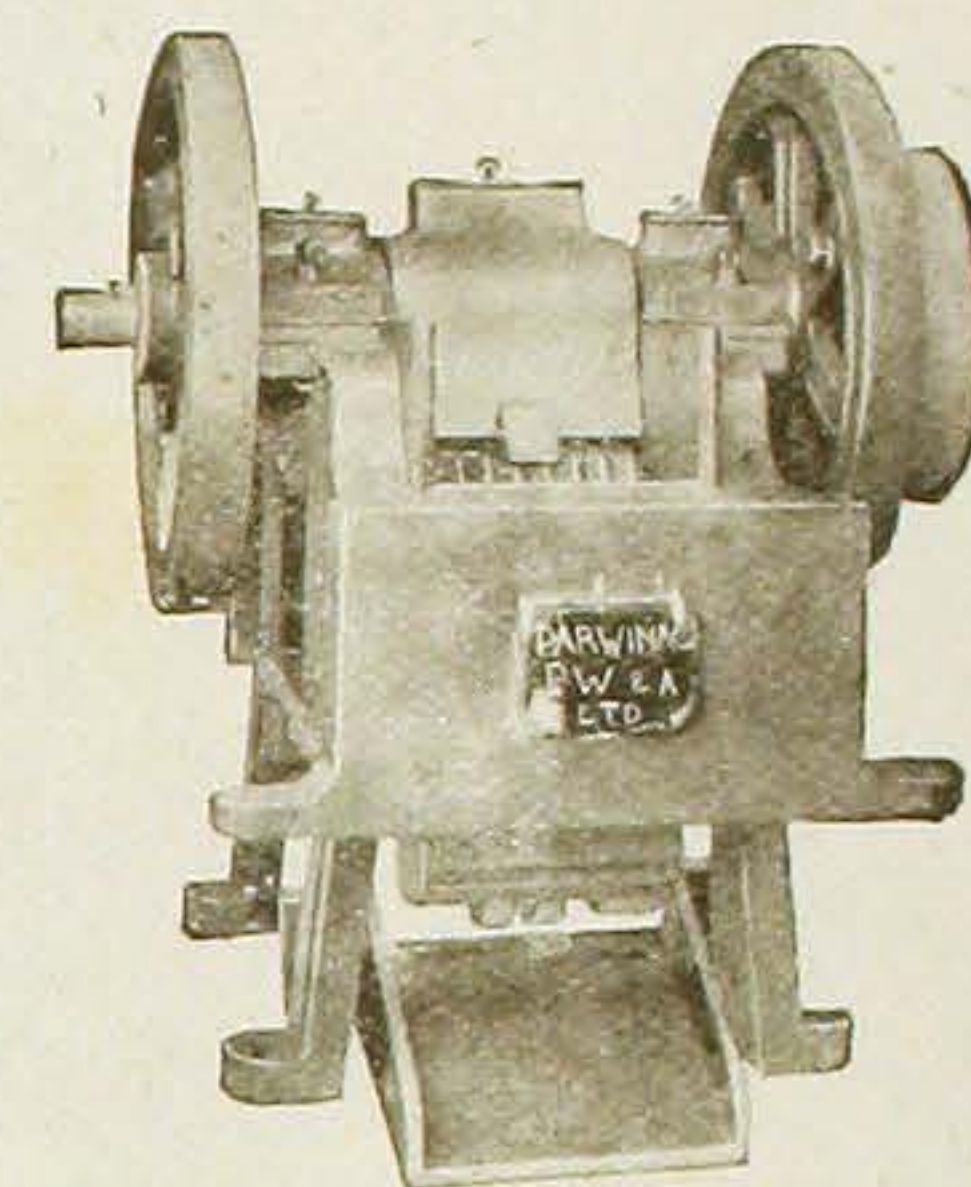
Size No. 2. Showing Iron Extension Rod.



No. PHO 9612

With Short Wooden Handle.

Stone Breaker



No. PHO 9613 These Stone Breakers are fitted with two Fly Wheels and Driving Pulley, 18" diameter, strong Steel Shaft, strong hard reversible jaws and Patent Toggle Plate.

BRICK BREAKER. "A" Basis
Size at mouth. Prices.

10" x 6"	£39 15 0
12" x 7"	42 15 0
14" x 7"	51 15 0

BRICK & LIGHT STONE BREAKER.

Size at mouth.	
10" x 6"	£42 15 0
12" x 7"	48 15 0
14" x 7"	56 5 0

STONE BREAKER.

Size at Mouth.	
10" x 6"	£53 5 0
12" x 7"	59 5 0
14" x 7"	57 15 0

If Loose Pulleys are required for any of the above machines, £2 5 0 extra.

Size No.	Size of Roller.	Sizes of Indentations from Centre to Centre.	Weight with Extension Rod.	"B" Basis Prices.
1	Long. Dia. 5½" x 3½"	⅜"	13 lbs.	£3 10 0
2	7" x 4"	⅜"	16 lbs.	4 4 0
4	7" x 4"	¾"	16 "	4 4 0
8	8" x 4"	⅝" or ¾"	17 "	5 5 0
9	9" x 4"	⅝" or ¾"	22 "	6 6 0
10	10" x 4"	¾" or 1" and ⅝"	24 "	7 0 0
10B	12" x 4"	Suitable for Street Tar Indenting, Large Teeth 1"	36 "	9 16 0
10D	16" x 4½"	1" teeth	40 "	16 16 0
10E	18" x 4½"	1" "	50 "	19 12 0
10F	20" x 4½"	1" "	60 "	22 8 0

In Rolls 25 yards by 32"—200 square feet.

ROOFING FELT (White Edge).

A durable and non-conductive covering for roofs.

SARKING FELT (Red Edge).

For putting under slates. Thinner and more pliable than the above.

SHEATHING FELT (Black Edge).

For lining packing cases and temporary use.

INODOROUS BITUMINOUS.

For lining damp walls, preserving wall papers, and deadening sound. No. 1 quality. No. 2 quality.

STONIFLEX ROOFING.

This famous Felt will, if coated with mastic when laid and given a further coat about every five years, outlive the timber it is laid upon. In rolls, 15 yards by 1 yard.

"ROK" ROOFING.

The most permanent Roofing on the market. Is British made. Supplied in four thicknesses, in rolls 72 ft. by 3 ft. complete with nails and cement for fixing. Ask for Special Catalogue

"RUBEROID" ROOFING also stocked in 1, 2 and 3 ply. 24 yards by 1 yard.

"HIPPO" ROOFING FELT.

A cheap reliable roofing, wears well, stocked in rolls 12 yards by 1 yard in "Standard" and "Heavy" quality.

SPECIAL QUOTATIONS FOR LARGE QUANTITIES.

All - British Felts

No. PHS 9760



QUICK DELIVERY.
KEEN PRICES.

STONIFLEX MASTIC. A coating for Stoniflex Felt. Making it last for years without further attention.

"PLUVEX" ROOFING FELT.

After the style of "Hippo" in rolls 12 yards by 1 yard, in "Standard" and "Heavy" qualities.

THE READY-TARRED.

SHEET ASPHALTE (Sanded).

For roofing. Annual tarring unnecessary. Durable, pliable, does not absorb moisture. In rolls 15 yards by 1 yard.

We also keep

"BITUMEN" DAMP COURSE.

In rolls of 24 feet. Housing Scheme quality, 4½" and 9" wide

DRY HAIR FELT.

In sheets 34" x 20", for covering water pipes, cisterns, etc., to prevent freezing. No. 2 (24oz. per sheet.)

CANVAS BACKED HAIR FELT.

In strips 24 ft. long by 4" wide, with strong canvas backing, for pipe wrapping, quickly and easily applied; for either hot or cold surfaces.

SILICATE COTTON

(SLAG WOOL).

A pure mineral fibre, fire-proof, indestructible, a perfect non-conductor. Extensively used for covering steam boilers and pipes, lining refrigerators, deadening sound, etc.

STAREX ROOFING FELT. A high grade Bituminous Roofing. Requires no tarring.

SAMPLES AND PRICES UPON REQUEST.

Box Strapping and other Miscellaneous.

BOX STRAPPING. No. PHS 9762

Plain and embossed. In stock. Hoop Iron, with uncropped ends.

Approx. 26G.	("A" Basis Prices).	
Plain	1½"	5"
Per cwt.	22/6	22/3
Embossed	5"	4"
Coil of 300 feet	4/6	5/3 roll.

Mild Steel Hoops. In ½ cwt. bundles.

1½" x 18G. 1½" x 17G.

("A" Basis). 15/3 15/3 cwt.

No. PHS 9761

TIN SHEETS.

TINMANS' SOLDER.

PLUMBERS' SOLDER.

BAR TIN.

Prices for the above quoted on application.

GLASS PAPER AND EMERY CLOTH. No. PHS 9759

Oakey's Glass Paper ("F" Basis).

Flour to F2	M2/S2	2½ and 3.
21/3	29/6	34/9 per ream.
1/3	1/8	2/- per quire.

Oakey's Best Emery Cloth ("F" Basis).

Nos.	00 to 1½	2 to 3.
Blue Twilled	£5 10 6	£6 7 9 per ream.
	5/7	6/6 per quire.

Genuine Best or White

Back	£2 16 0	£3 6 6 per ream.
	3/-	3/6 per quire.

Flour Emery, 18/9 cwt, 2½d. per lb. ("A" Basis).

Grain Emery, 37/6 cwt, 4d. per lb. ("A" Basis).

PHS—Stock Lines; PHO—To Order only.

Basis as indicated.



North End, Croydon, 10th October, 1923, 3.45 p.m.



North End, Croydon, 12th October, 1923, 12.20 p.m.

British Ciment Fondu

No. PHS 9765

CIMENT FONDU is an aluminous cement which attains extremely high strength in 24 hours—a strength greater than that of three months old Portland Cement. The discovery of this revolutionary product was made in 1908, but it was only after 10 years of research that it was possible to ensure its regular behaviour when manufactured commercially.

Tests over a further five years were then undertaken before the material was placed on the British Market.

Ciment Fondu, although comparatively new to this country is, therefore, a material, the stability of which is already conclusively proved over a number of years.

Concrete made with CIMENT FONDU is ready for full load in 24 hours, which means the saving of an incalculable amount of the World's time. Suspended reinforced floors have been stripped and have carried their designed load when 24 hours old. Road foundations have been laid and the road reopened to traffic in 24 hours. Piles have been driven when 24 hours old. Tramway routes have been reinstated and service reopened in 44 hours.

Some Every-day Uses.

Any form of concrete work.
Concrete repairs of all descriptions.
Urgent road work.
Engine and machinery foundations.
Concrete pile work.
Railway bridge repairs.
Tramway Track repairs.
Rapid reinstatement of trenches.
Pre-cast work of all descriptions.
Factory work which has to be carried out during the week-end.
Reinforced Concrete Work of any sort.



The Cement which ensures that concrete is ready for ANY PURPOSE IN 24 HOURS.

The initial set of Ciment Fondu does not take place for from 3 to 4 hours and leaves ample time for placing, but having set, the strength increases so rapidly that 24 hours after gauging at 4:2:1 Concrete gives a compressive strength of 6,990 lbs to the square inch. This great strength increases normally with ageing and the compressive strength of 5.14 to 1 concrete 18 months old is 12,195 lbs. per square inch (as tested by David Kirkaldy and Son).

Although this cement has only been on the market for a comparatively short space of time, official durability tests were put in hand as long ago as 1916, with the result that normal progression was found to take place over the whole period of the tests—viz. : 5 years. Official durability tests under extremely disadvantageous circumstances, such as immersion in tidal sea water, running water, saturated with gypsum, immersion in sulphate of magnesia, etc., have been carried out over ten years, at the end of which time the test pieces were in perfect condition.

We venture to suggest that Ciment Fondu is invaluable to Architects, Surveyors, Large Engineering Firms, Builders, etc. and shall be pleased to supply further details upon request.

Although the cost of Ciment Fondu is much more than that of Portland Cement, this is more than made good by its early maturity and great strength (enabling weaker mixes to be made, without reducing the ultimate strength of the concrete) and a definite saving in cost is effected by its use. May we quote you?

Fire Cements, Hardening and Waterproofing Cements, etc.

No. PHS 9766

PURIMACHOS FIRE CEMENT. A plastic Fire Cement supplied in a form of a Putty for immediate use. It does not crack or contract during setting, but on the contrary it slightly expands before setting perfectly hard. This ensures very firm joints which are absolutely Gas and Smoke tight. 28 lb. tins, 7/- each, 14 lb. tins, 4/- each.

TAMAC FIRE CEMENT. A very strong plastic Fire Cement. Invaluable for repairs. Price 4 lb., 1/3; 7 lb., 2/-; 14 lb., 3/6; 28 lb., 5/6 and 1 cwt., 14/6

CERESIT. An economical waterproofing Cement. It is in the form of a light coloured paste, which when dissolved in water and thoroughly mixed with cement mortar will render it impervious to water. Price 10/- per gallon. Strictly nett.

CERESITOL LIQUID WATERPROOFER. For external application to damp buildings of brick, stone, concrete, etc. Price 13/- per gallon. Strictly Nett.

LAFARGE EXTRA-WHITE CEMENT. A very strong, non-crazing, white cement. This cement ensures superior results and it can be thoroughly recommended as non-staining and non-yellowing. It is cheaper than other white cements. May we quote you?

IRONITE. A well-known Hardener and Waterproofing material for concrete. Highly recommended. Price on application stating requirements.

SAL-FERRICITE. A new and comparatively cheap hardener and Waterproofing material. Makes floors dustless and non-powdering. Price on application.

PUDLO. A Cement Waterproofing Powder. Highly recommended as a cure for damp walls and defective watercourses. Price 1 cwt. lots, 1/2 per lb., 1/2 cwt. lots, 1/4 per lb., 7 lb. tins, 12/6 each. Casks extra 3/- cwt. Strictly Nett Cash.

TILE RED WATERPROOFING PLASTIC. An effective waterproofing material for the treatment of faulty roofs which must be red. It is tile red in colour. Specially recommended for Asbestos Cement Roofing and for Tiles that are flaking.

Price : 14 lb. tins, 12/6 each, 28 lb. tins, 22/- each.

Asbestos-Cement Building Sheets and Roofing Slates, etc.

No. PHS 9767

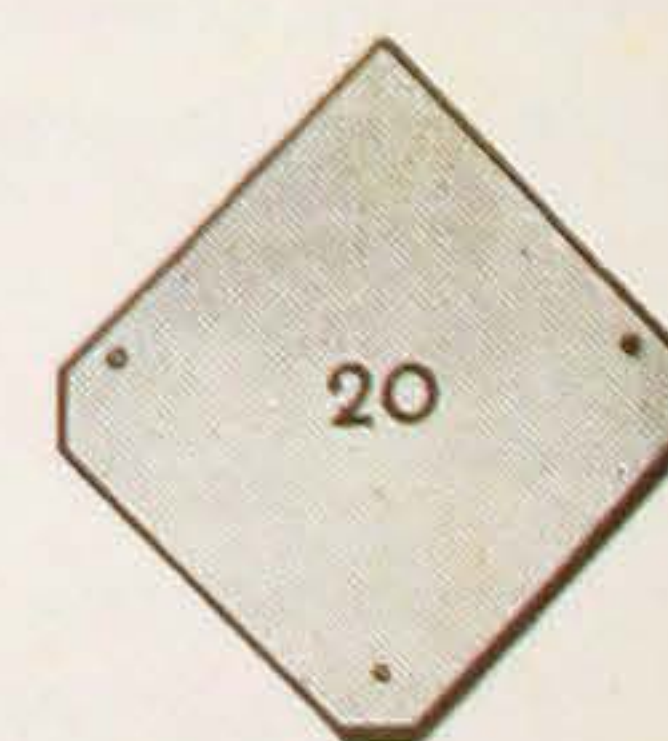
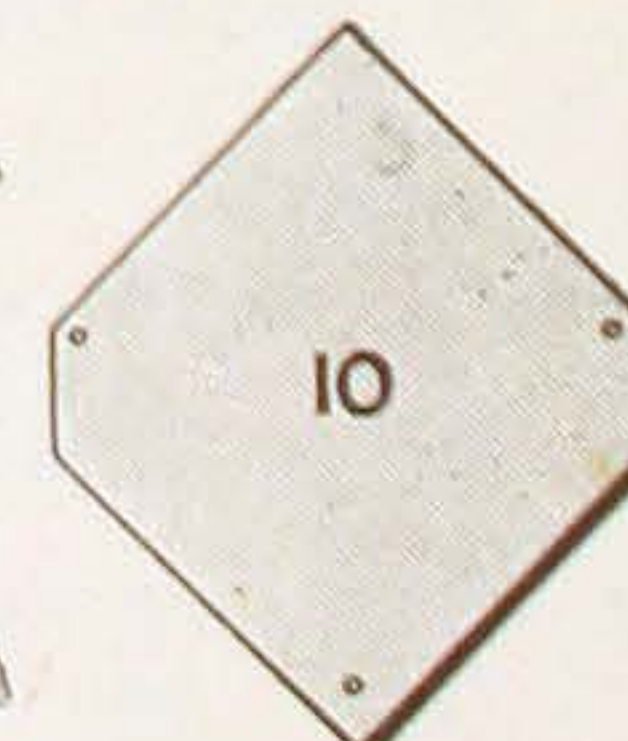
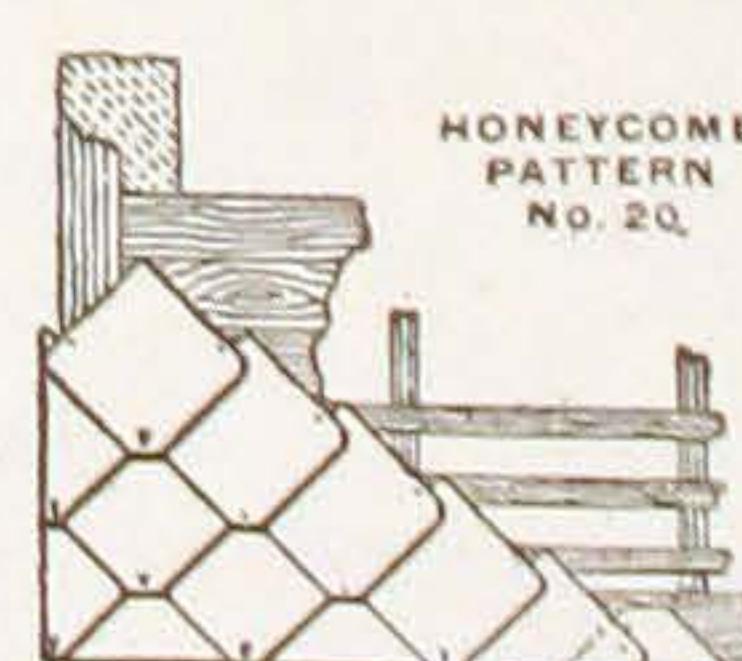
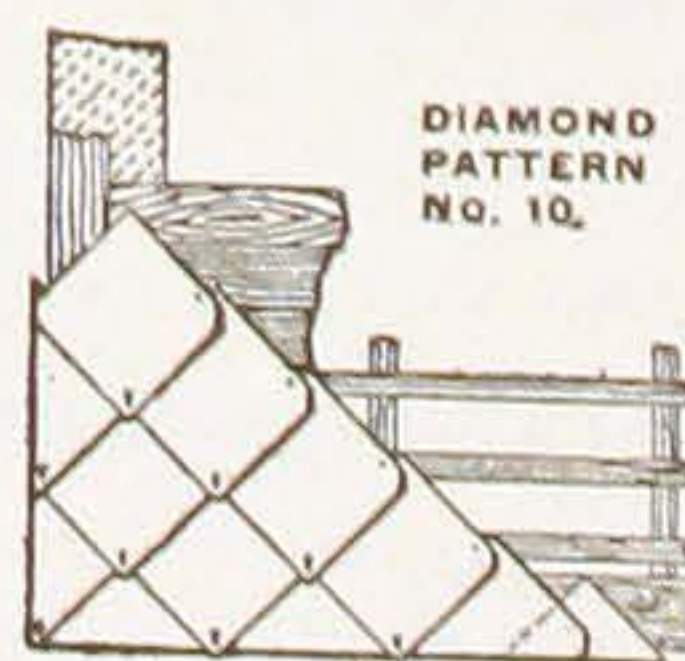
ASBESTOS CEMENT BUILDING SHEETS are stocked in Flat Sheets, measuring 6', 7' and 8' x 4' x 1/8" thick. Price 1/6 1/2 per square yard, F.O.R., Birmingham.

ASBESTOS CEMENT ROOFING SLATES are supplied in "Diamond" and "Honeycomb" patterns as illustrated. Sizes, 11 1/2" x 11 1/2" and 15 1/2" x 15 1/2". Can be readily cut to fit hips, valleys, verges, round chimneys and roof lights. Prices on application giving quantities required.

CORRUGATED ASBESTOS CEMENT SHEETS. Best quality, 1/2" thick, 3" corrugations, 2' 6" wide, in lengths 5', 6', 7', 8' 9' and 10' long. Price 3/3 1/2 per square yard.

PLAIN HALF-ROUND RIDGING, for above. Grey, 1/9 per foot run.

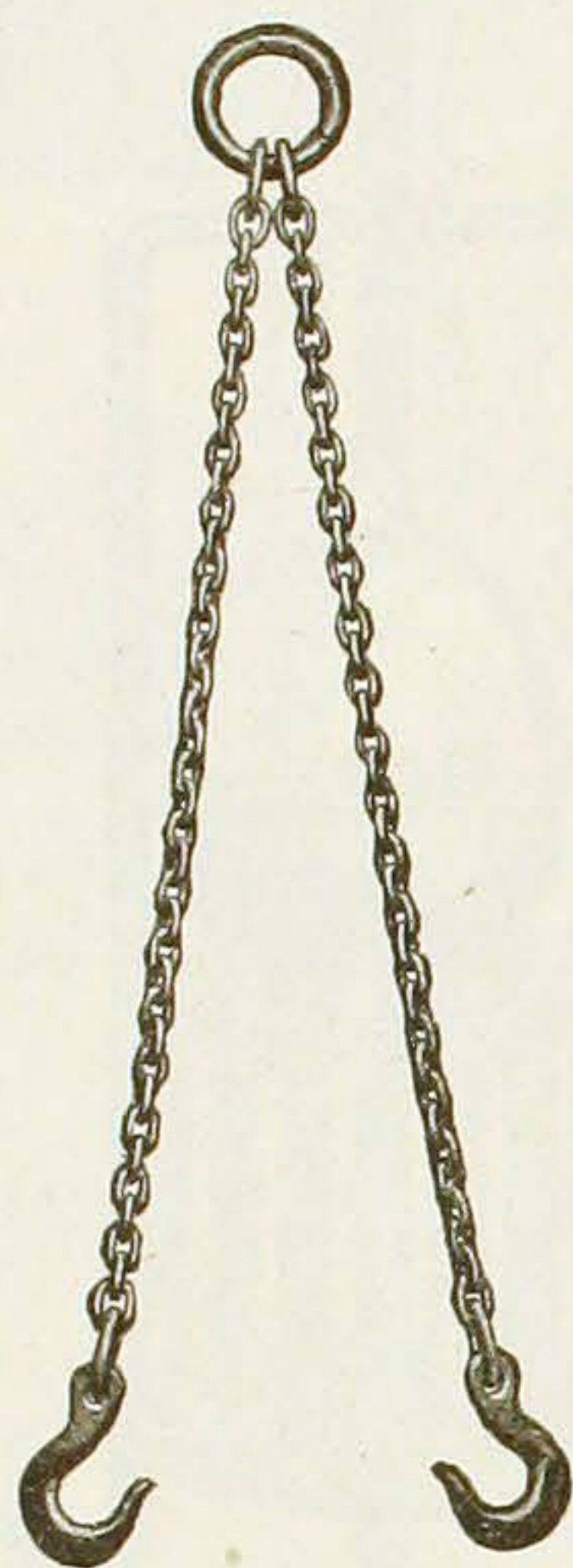
ASBESTOS MILLBOARD. In sheets about 40" x 40" x 1/8" thick. Cases free. Average weight 9 1/4 lbs. per sheet, 31/6 per cwt. 4 1/2 d. per lb.



Terms on application stating requirements.

PHS—Stock Lines.

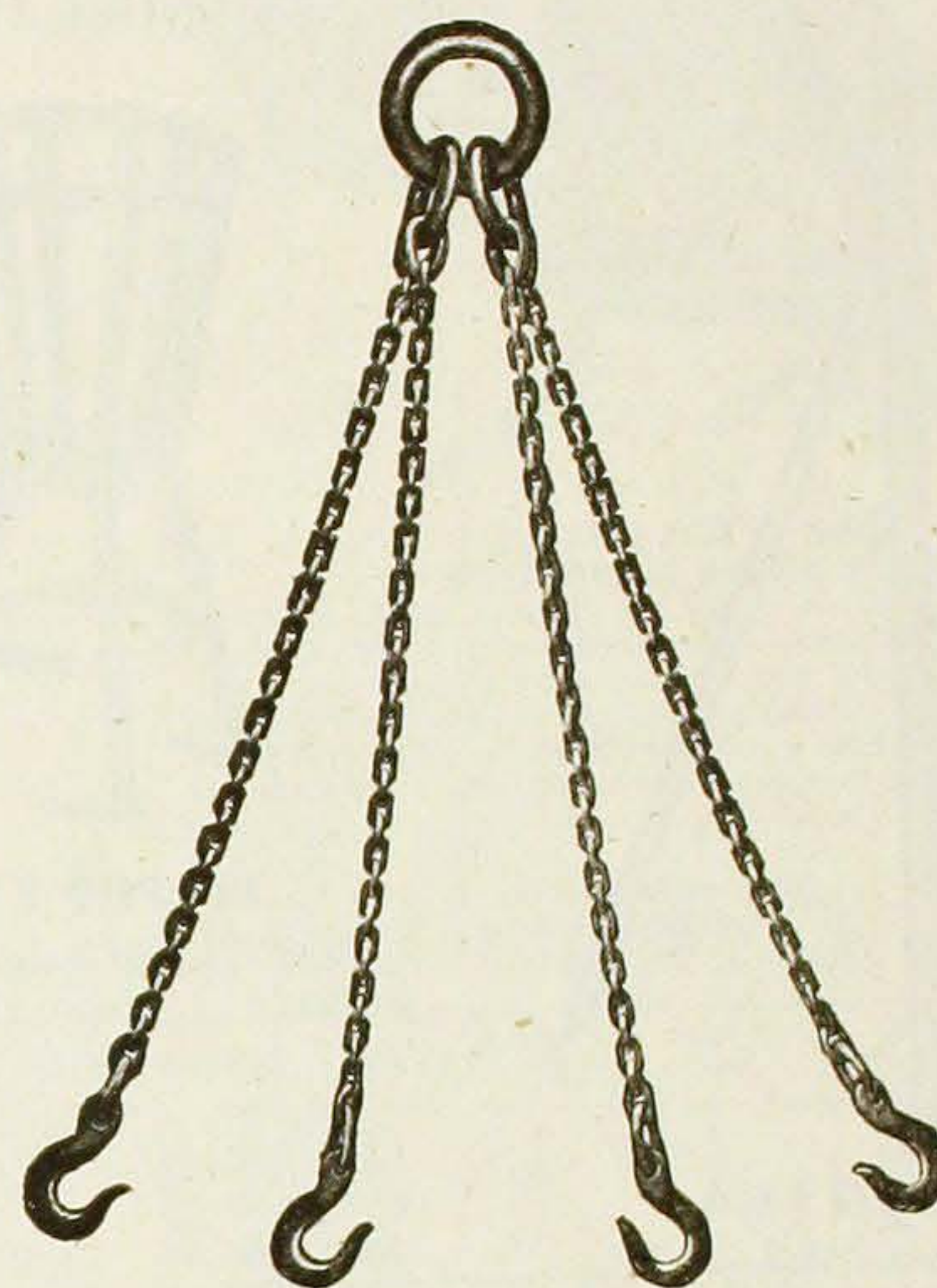
Sling or Lashing Chains



No. PHS 7114



No. PHS 7115



No. PHS 7116

No. PHS 7114 DOUBLE SLING OR LASHING CHAINS.

Trade size of Chain	...	...	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1 inch.
Actual Ditto	...	...	No.3G	No.1G	$\frac{11}{32}$	$\frac{13}{32}$	$\frac{15}{32}$	$\frac{17}{32}$	$\frac{19}{32}$	$\frac{21}{32}$	$\frac{23}{32}$	$\frac{25}{32}$	$\frac{27}{32}$	$\frac{29}{32}$	$\frac{31}{32}$	$1\frac{1}{32}$ inch.
Test load on the Double Chain			16 $\frac{1}{4}$	30	45	65	90	120	150	185	225	270	316	365	420	480 cwts.
Max. working load, angle of legs not exceeding 25 degrees			10	20	30	40	60	80	100	120	140	160	200	240	280	320 cwts.
Max. working load, angle of legs from 25 to 90 degrees			7 $\frac{1}{2}$	15	22 $\frac{1}{2}$	30	45	60	75	90	105	120	150	180	210	240 cwts.
Price of Sling complete with Hooks and Ring. Length of legs, 6 feet*			25/2	28/10	34/2	37/10	43/2	50/5	59/5	70/2	88/2	108/-	126/-	153/-	171/-	234/-
Chain, extra or less per foot			2/5	2/8	3/-	3/5	3/11	4/2	4/10	6/-	6/7	7/10	9/-	10/2	11/8	13/6

*Measurement is exclusive of Hook and Ring.

No. PHS 7116 FOUR-LEGGED SLING OR LASHING CHAINS.

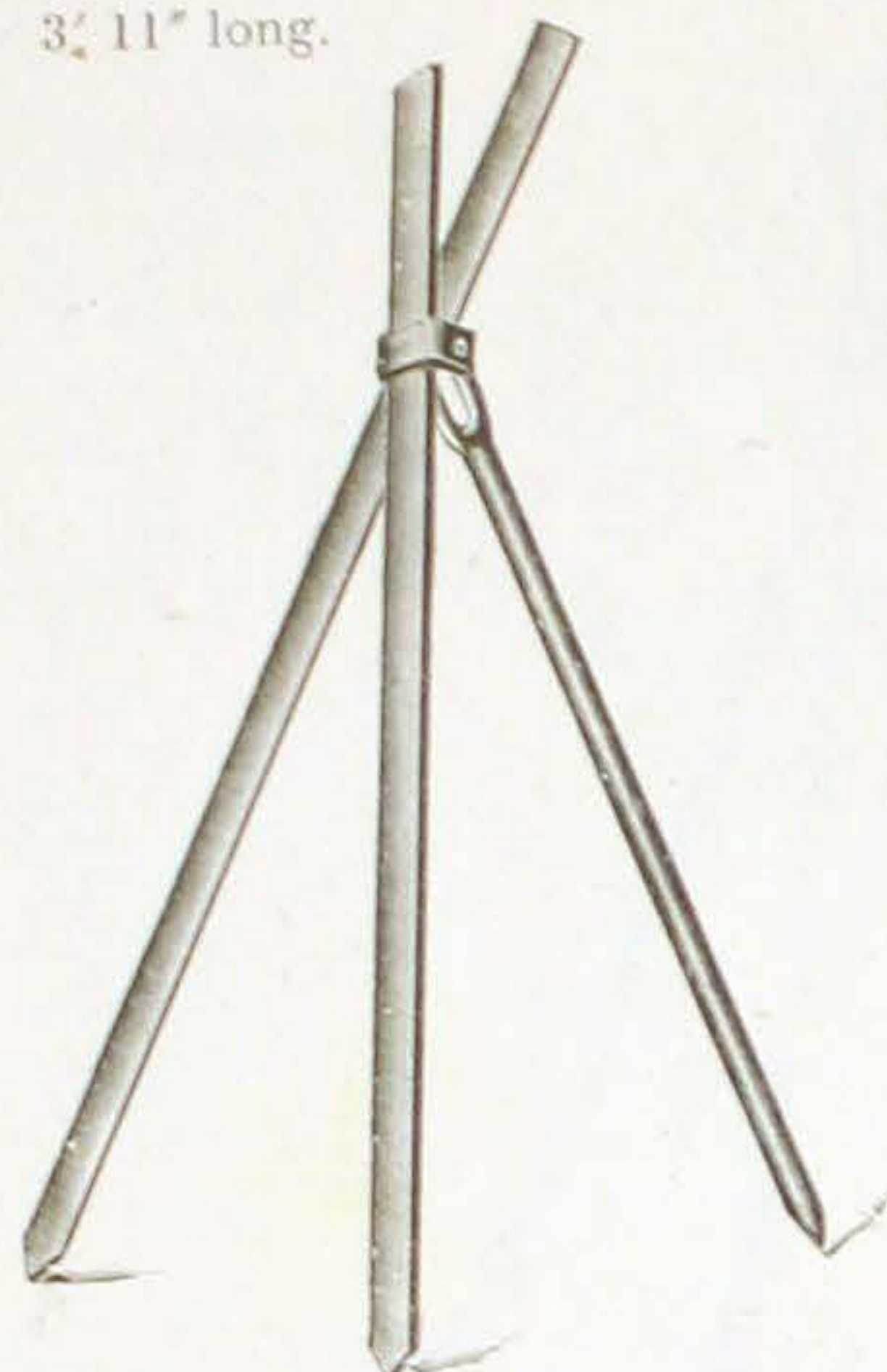
Trade size of Chain	...	...	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1 inch.
Actual ditto	...	...	No.3G	No.1G	$\frac{11}{32}$	$\frac{13}{32}$	$\frac{15}{32}$	$\frac{17}{32}$	$\frac{19}{32}$	$\frac{21}{32}$	$\frac{23}{32}$	$\frac{25}{32}$	$\frac{27}{32}$	$\frac{29}{32}$	$\frac{31}{32}$	$1\frac{1}{32}$ inch.
Test load on the four legs			32 $\frac{1}{2}$	60	90	130	180	240	300	370	450	540	632	730	840	960 cwts.
Max. working load, angle of legs not exceeding 25 degrees			20	40	60	80	120	160	200	240	280	320	400	480	560	640 cwts.
Max. working load, angle of legs from 25 to 90 degrees			15	30	45	60	90	120	150	180	210	240	300	360	420	480 cwts.
Price of Sling complete with Hooks and Ring. Length of legs, 6 feet*			55/10	64/10	77/5	86/5	99/-	115/2	135/-	158/5	196/2	241/2	288/-	351/-	396/-	540/-
Chain, extra or less per foot			4/10	5/5	6/-	6/7	7/10	8/5	9/7	12/-	13/2	15/7	18/-	20/5	23/5	27/-

*Measurement is exclusive of Hook and Ring.

No. PHS 7115 ENDLESS SLING CHAINS.

Trade size of Chain	...	...	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1 inch.
Actual ditto	...	...	No.3G	No.1G	$\frac{11}{32}$	$\frac{13}{32}$	$\frac{15}{32}$	$\frac{17}{32}$	$\frac{19}{32}$	$\frac{21}{32}$	$\frac{23}{32}$	$\frac{25}{32}$	$\frac{27}{32}$	$\frac{29}{32}$	$\frac{31}{32}$	$1\frac{1}{32}$ inch.
Test load on the Double Chain			16 $\frac{1}{4}$	30	45	65	90	120	150	185	225	270	316	365	420	480 cwts.
Max. working load on the double Chain			10	20	30	40	60	80	100	120	140	160	200	240	280	320 cwts.
Price, slings complete, 6 feet Double or 12 feet total length of Chain			16/2	18/-	19/10	22/6	27/-	29/8	34/2	41/5	46/10	54/-	62/1	70/2	79/2	90/-
Chain, extra or less per foot			1/2	1/4	1/6	1/8	1/11	2/1	2/5	3/-	3/3	3/11	4/6	5/1	5/10	6/9

Contractors' Equipment

CONTRACTOR'S TRESTLE
OR BARRIER CARRIER.
3' 11" long.

No. PHQ 7164

Strong Steel.
Weight about 21 lbs. each.
Price, 87/6 dozen, 7/6 each.

STRONG
CONTRACTOR'S FIRE
BUCKET.

No. PHQ 7178

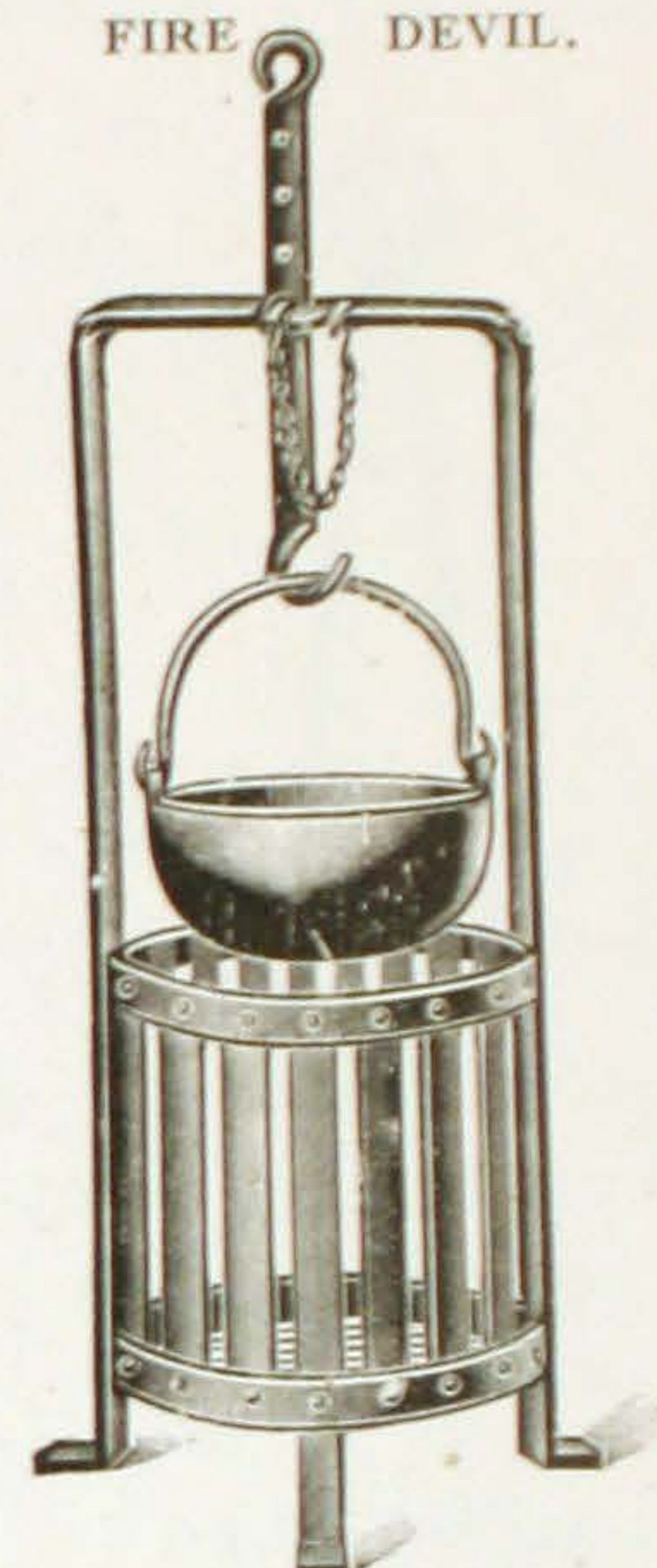
Size of body.	Total height about	Price each.
12" x 12"	2' 3"	19/3
13" x 13"	"	21/-
14" x 14"	"	22/9
15" x 15"	"	24/6
16" x 16"	"	26/3
17" x 17"	"	28/-
18" x 18"	"	29/9

STRONG
ASPHALTER'S
BUCKET.

No. PHQ 7166

9" deep. 11" diameter.
105/- dozen.
9/- each.

FIRE DEVIL.



No. PHQ 7179

Without Pot.

Size of body ...	12" x 12"	13" x 13"	14" x 14"
Price without Pot ...	45/6	46/6	47/3 each.
Size of body ...	15" x 15"	16" x 16"	17" x 17"
Price without pot	48/3	50/-	51/4
			52/6 each.
Any size or shape supplied to order.			
	8"	10"	12"

Pots for Lead—Extra to prices above 8/9 12/3 14/-

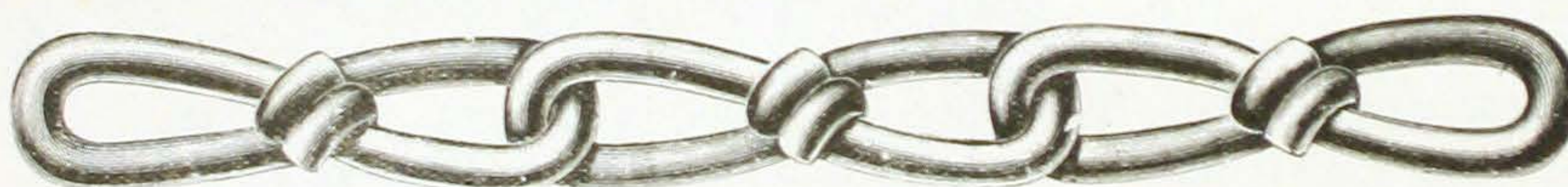
FENCING STAKE, STEEL.



No. PHQ 7165

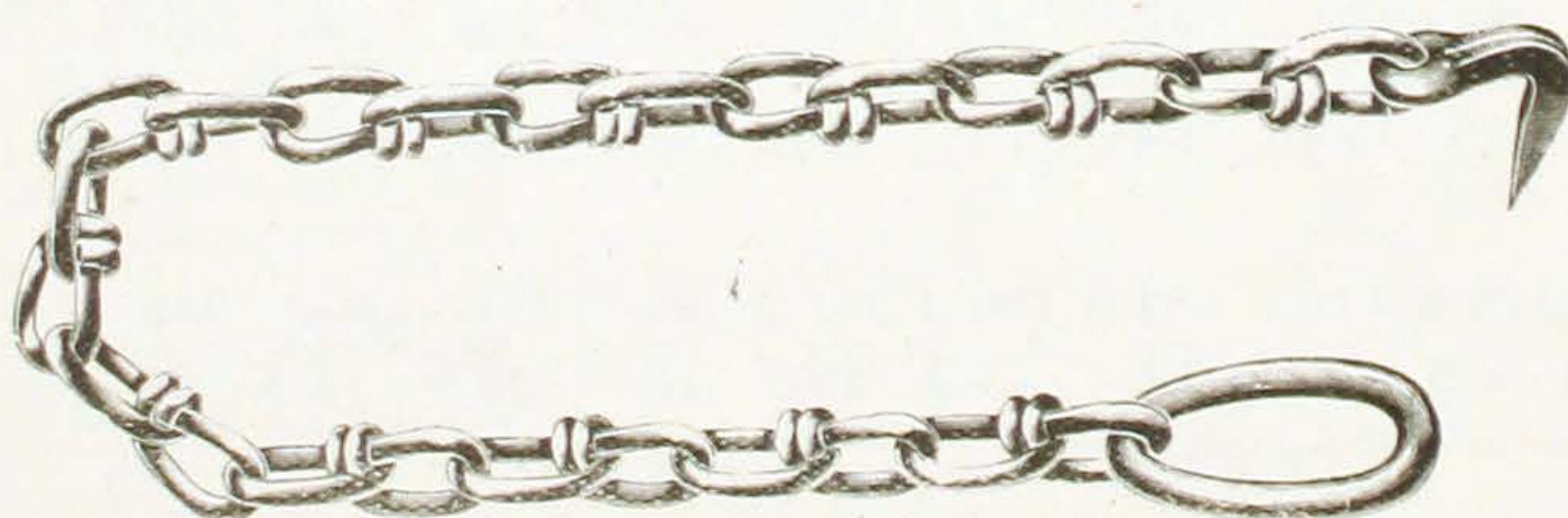
3/4" Round x 4' 0"	4' 6"	7/8" Round x 4' 0"	4' 6"
Price 27/2	29/-	40/3	42/- dozen.

No. PHQ 7167—WELDLESS STEEL CHAINS.



Machine made. Breaking strain 1,036 lbs.	Weight per dozen yards, 5 1/2 lbs.		
	per doz. yards, per 100 ft. per cwt.		
Bright ...	2/10	7/6	58/10
Japanned ...	3/6	10/-	77/11
Galvanized, Tinned, Brassed or Coppered ...	4/4	11/5	87/5
Pre-Galvanized ...	—	—	70/11

WELDLESS STEEL SCAFFOLD CHAIN. No. PHS 6675

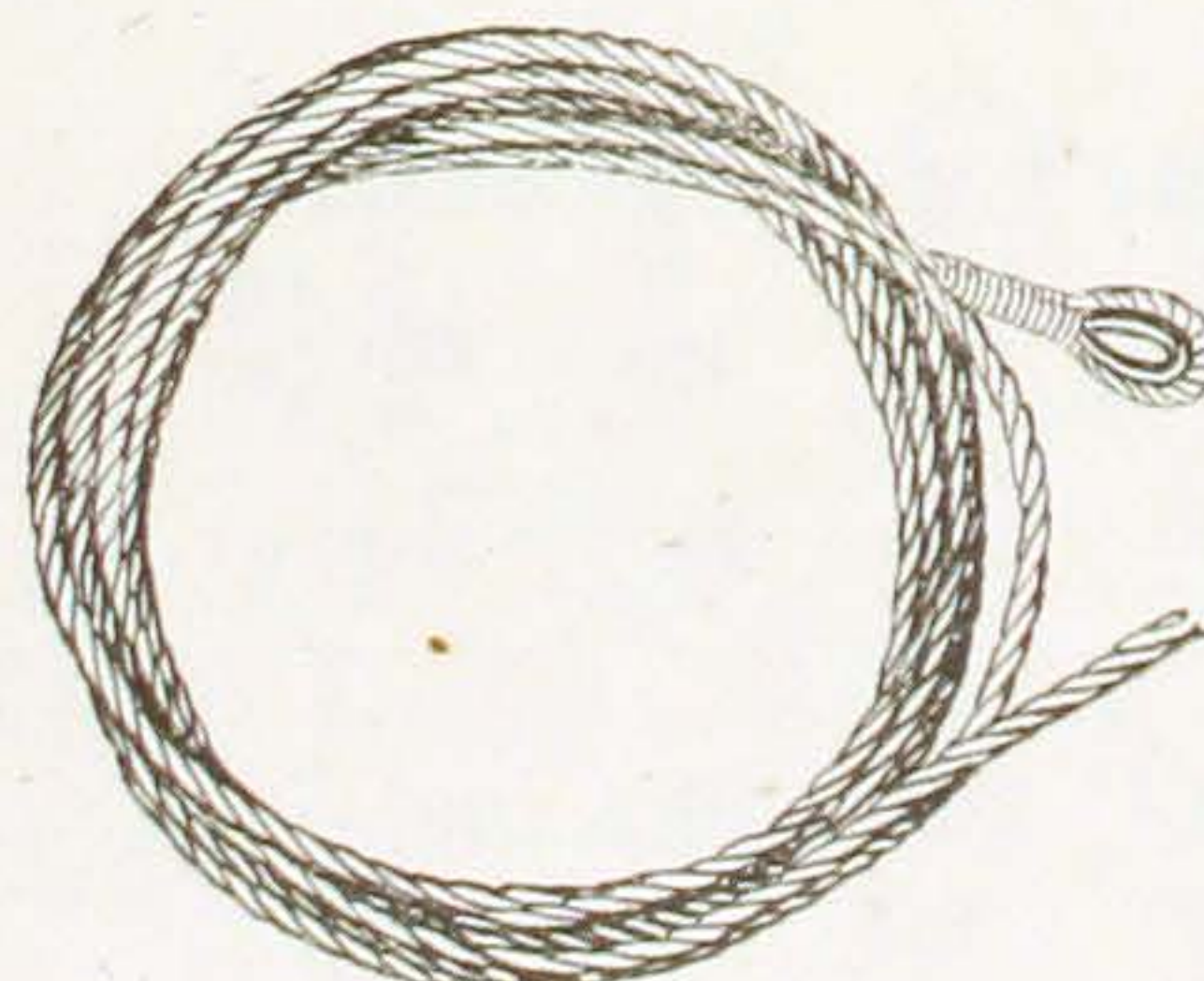


No. PHS 6675	Weldless Steel Scaffold Chain with Hook at one end, and ring at the other. No. 8 I.S.W.G.				
Length	10'	12'	14'	16'	18'
Per dozen	25/3	28/6	31/6	34/9	37/10
Each	2/3	2/6	2/9	3/-	3/4

No. PHS 7170 Scaffold Lashes.
Improved Galvanized Flexible.

Length ...	12'	15'	18'
Per dozen ...	16/8	18/6	22/-
Each ...	1/6	1/8	2/-

*Stock Sizes.

No. PHS 7170
SCAFFOLD LASHES.

FIRE BUCKET BRACKETS.



No. PHQ 7169

7" full length.

	dozen.	each.
Japanned ...	21/-	1/11
Coloured ...	22/9	2/1
Galvanized ...	26/3	2/4

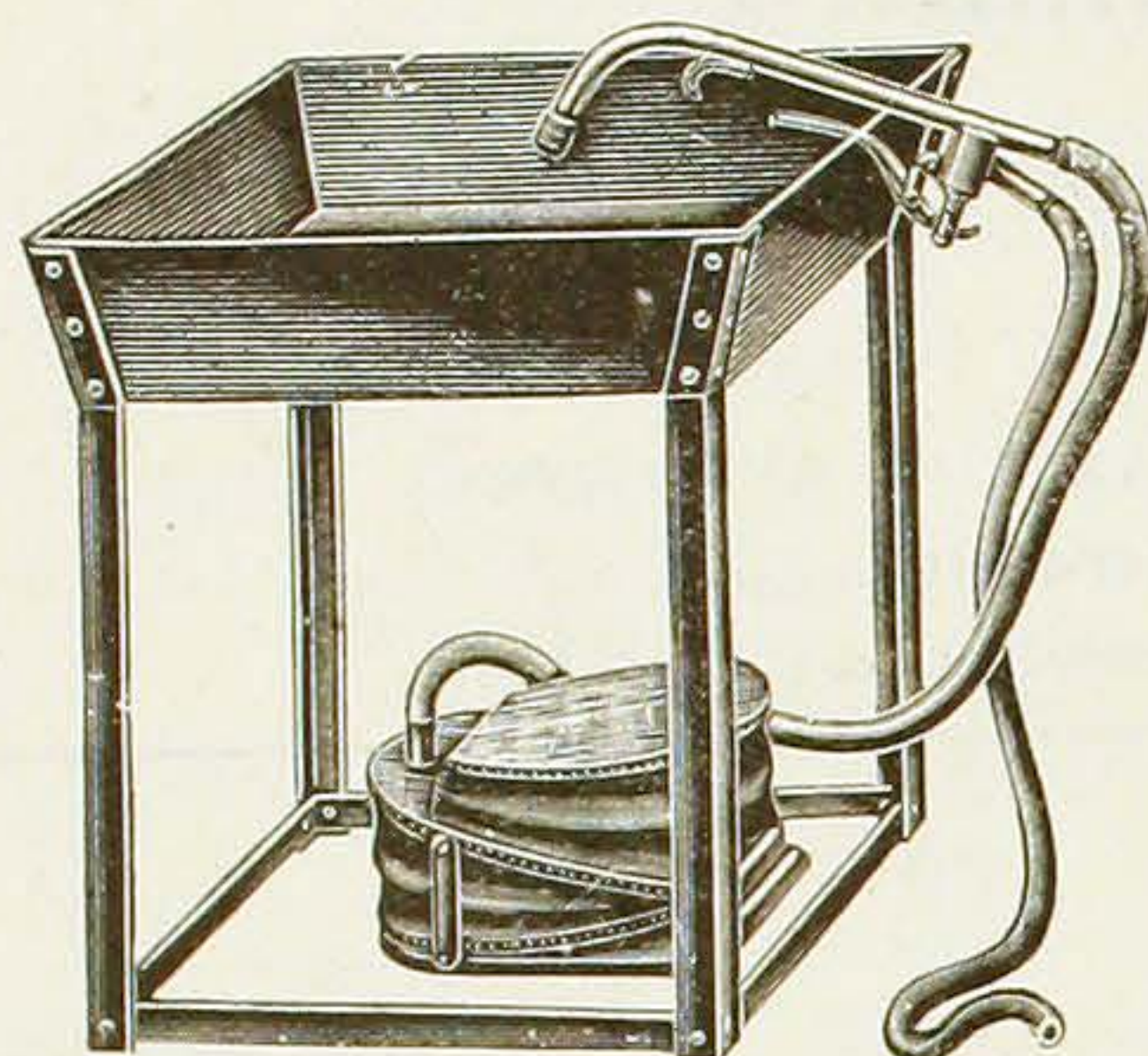


No. PHQ 7168 FIRE BUCKETS.

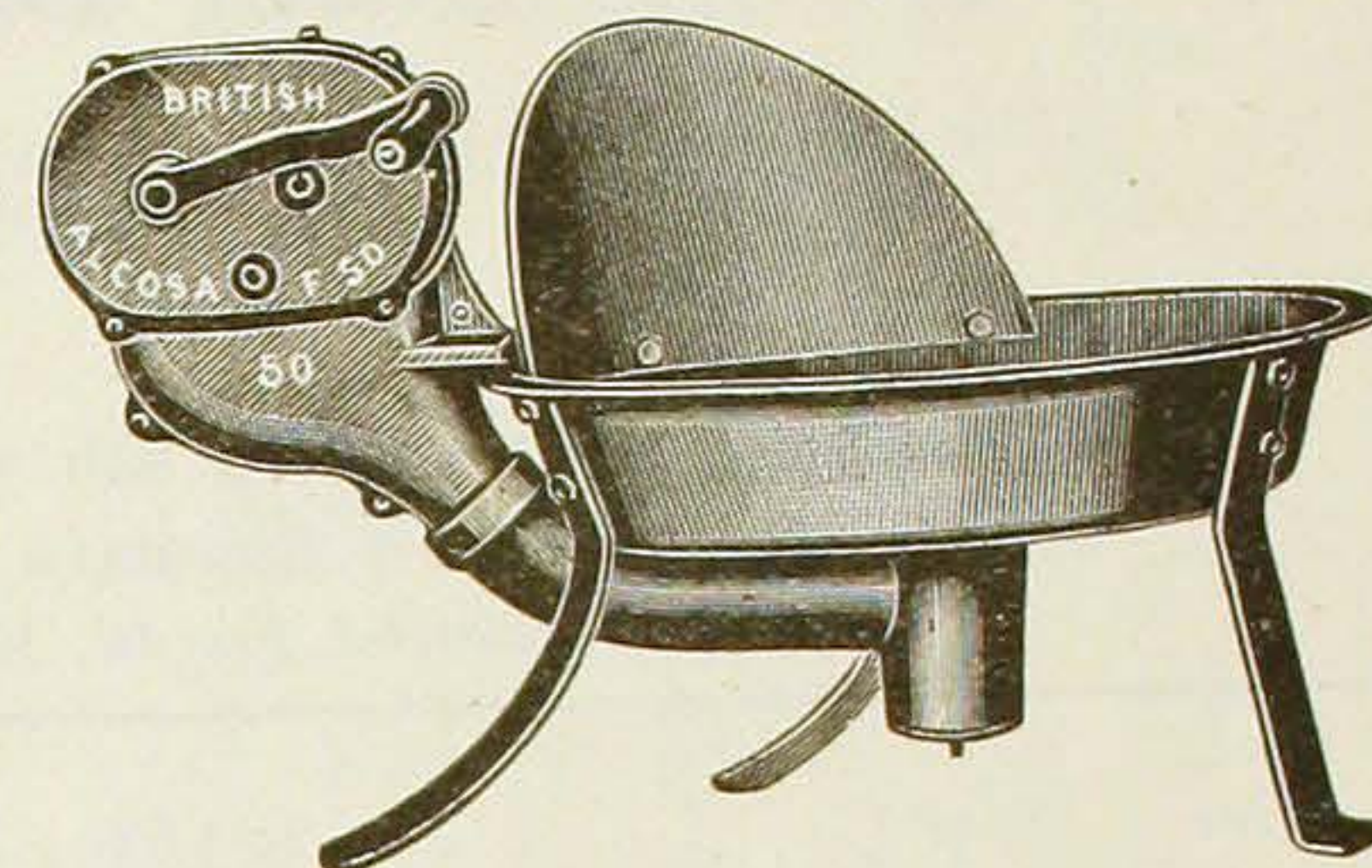
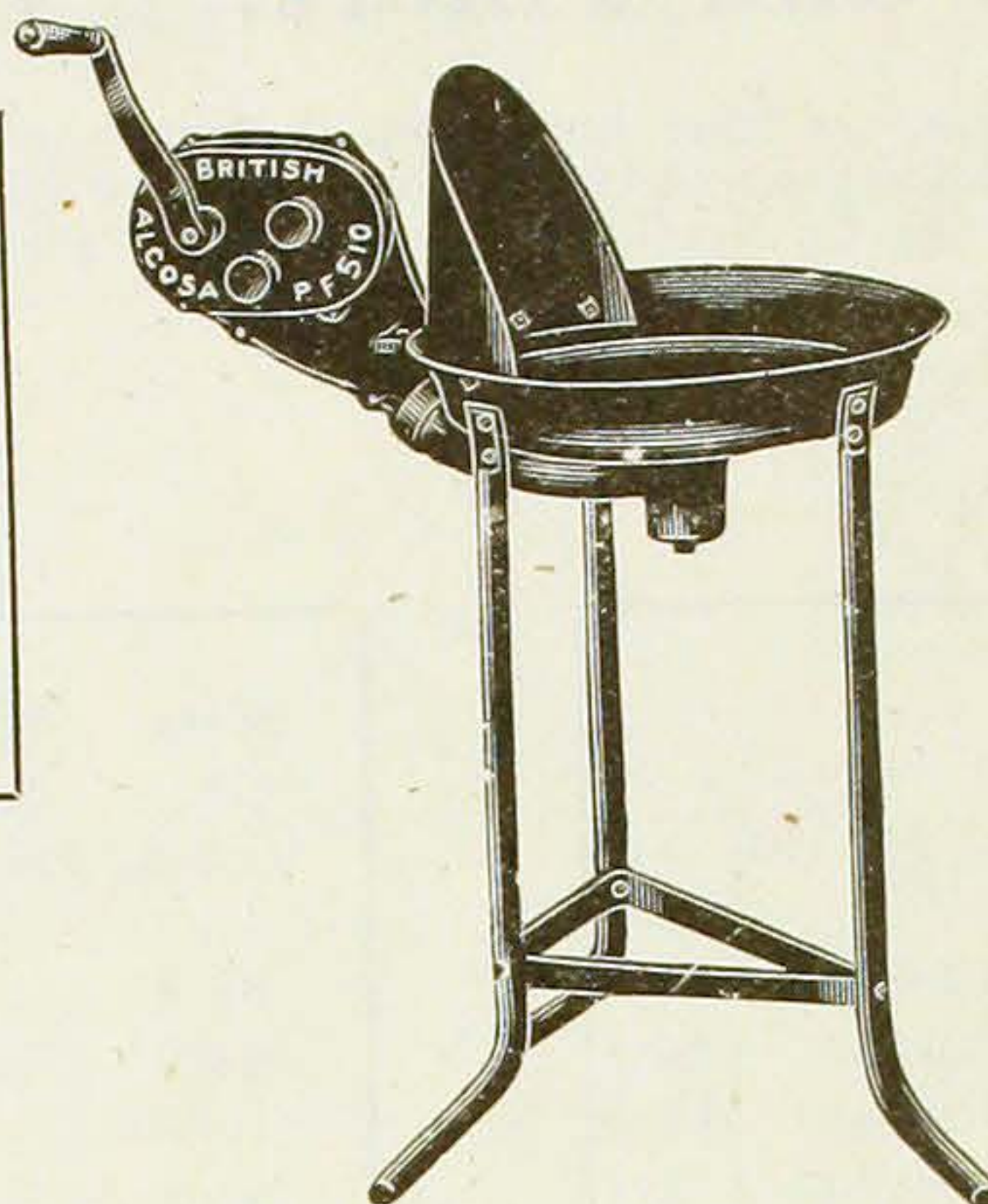
As used in all public buildings. Round bail and forged ears. 10 1/2" diam. at top, 11" deep inside, and approx. 7 1/2" diam. at bottom. Weight 5 1/2 lbs. each.

	dozen.	each.
Galvanized only ...	42/-	3/8
Galvanized and painted red outside lettered Fire or Sand in black (hoops, ears, handles and wire painted black)	59/6	5/3
Ditto, ditto, white inside ...	68/3	5/10

Smithy Apparatus



All Prices on this page relating to Smithy Apparatus and Bellows are F.O.R. Birmingham.



No. PHS 9484 to 9487
THE BRITISH BENCH FORGE.

This Outfit is made up for bench use and to meet the requirements of small garages and workshops where space is a consideration, easily transported to the job the whole of the fittings packing inside the pan.

No. PHS 9484 and PHS 9485 have one piece steel pans. No. PHS 9486 and PHS 9487 have cast iron pans, and flat iron legs. Bottom blast tuyere with renewable grate and ash trap.

Fitted with a blower—gear ratio of which is 48 to 1. No. PHS 9484 and PHS 9486 have wind shields. No. PHS 9485 and PHS 9487 have steel half hood.

No. PHS 9476 to 9481
STEEL BRAZING PANS AND OUTFITS.
No. PHS 9476 Pan only, made for bench use and supplied with Fittings as Series Nos. 9477 to 9479.
Nos. 9477 to 9479 comprise steel pan, horse shoe foot bellows, lever gas blowpipe and 10' 0" internally armoured tubing.
No. PHS 9480 and 9481 Brazing Pan with Shelf and Spelter Box and Fittings as Series PHS 9477 to 9479.

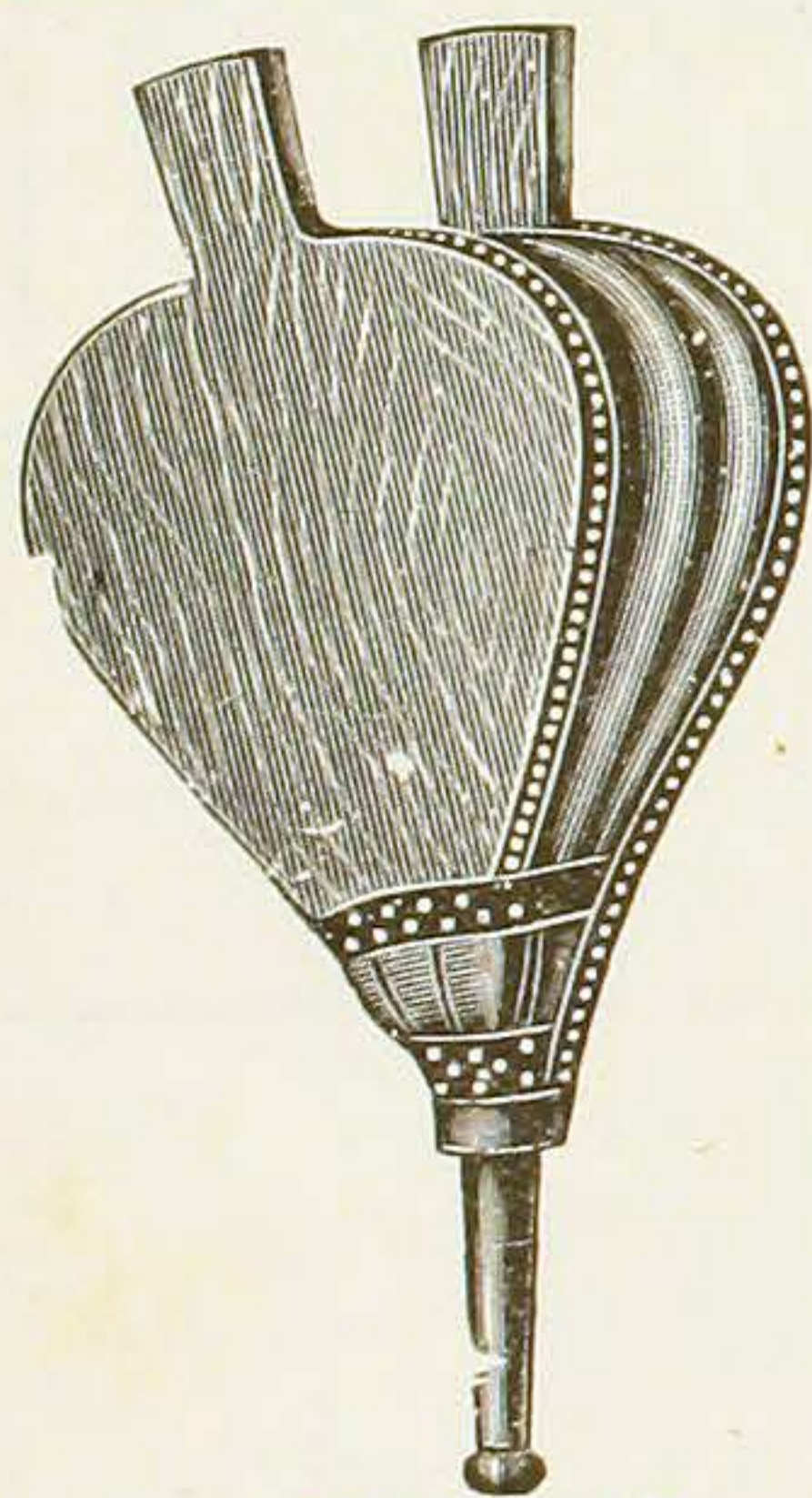
Complete Outfit No.	Size of Fire Pan	Size of Bellows	Size of Blowpipe	Price, each.
No. PHS 9476	24" x 18"	10"	3"	£ 4 19 6
No. PHS 9477	24" x 18"	10"	3"	6 11 9
No. PHS 9478	30" x 22"	12"	1 1/2"	7 3 6
No. PHS 9479	33" x 26"	14"	1 1/2"	8 0 6
No. PHS 9480	27" x 21"	12"	1"	8 5 0
No. PHS 9481	36" x 36"	16"	1 1/2"	11 8 9

No. PHS 9482/3
RIVET AND REPAIR FORGE.

This Forge is excellent value. It has a heavy one-piece seamless steel pan, 3 1/2" deep with beaded and turned over brim giving great strength. Flat iron legs, well braced. The Forge is fitted with a blower, 7 1/2" diam. A sound engineering job, machine cut gears running in oil in dirt and dust proof detachable gear box of best quality cast iron, no flimsy steel pressings are used. The blower is secured to rim of pan, an improvement on any other forge of this type. Supplied with wind shield as illustrated.

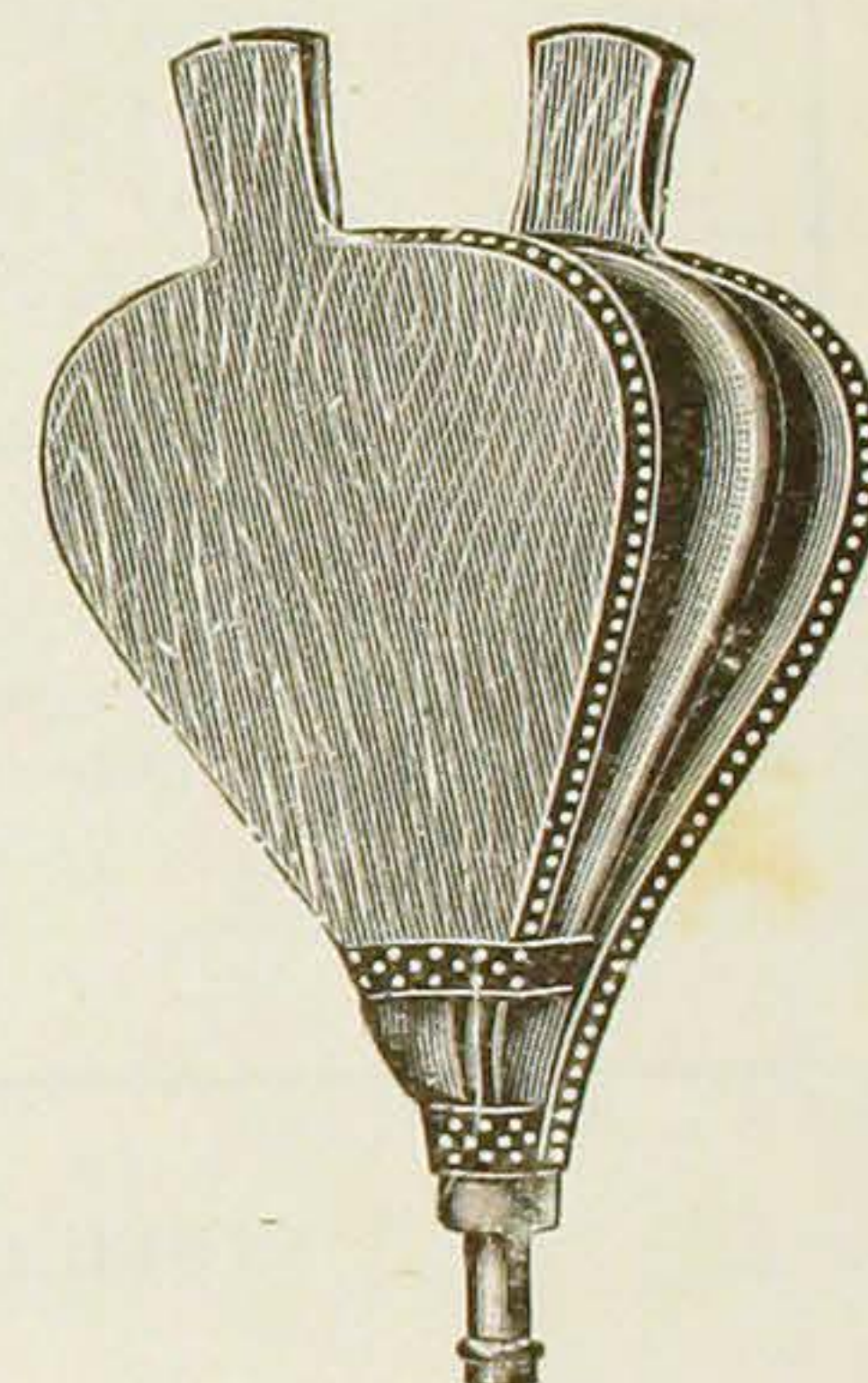
	Dia. of Fire Pan	Nett Weight lbs.	Price, each.
No. PHS 9482	18"	50	2 14 0
No. PHS 9483*	18"	60	4 1 0

*As above, but with Smoke Hood.



No. PHS 9470/1/2/3

HOUSE AND MOULDERS BELLWS.												
Made with best Selected Leather and thoroughly seasoned Timber.												
	Width	6"	7"	8"	9"	10"	11"	12"	14"	15"	16"	18"
No. PHS 9470	Bastard	3/8	3/10	3/11	4/3	4/8	5/1	5/7	10/1	12/10	15/8	20/1
No. PHS 9471	Extra nailed	3/11	4/1	4/2	4/6	4/10	5/3	5/9	10/6	13/3	16/3	20/9
No. PHS 9472	Best extra nailed	—	—	4/2	4/7	—	5/5	5/10	—	—	—	—
No. PHS 9473	Best extra nailed neats	—	—	5/3	5/9	6/4	7/—	7/7	—	—	—	—
No. PHS 9474	Best extra moulders basil	—	—	4/8	5/1	5/6	5/10	6/4	—	—	—	—
No. PHS 9475	Best extra moulders neats	—	—	5/8	6/3	6/11	7/8	8/1	—	—	—	—
Extras for moulders Bellows—Valve Protectors, 1/6 per dozen extra.												
Tin Bound Edges 4/6 " "												



No. PHS 9474/5

SHEAR LEGS.

No. PHO 9488 TUBULAR SHEAR LEGS.

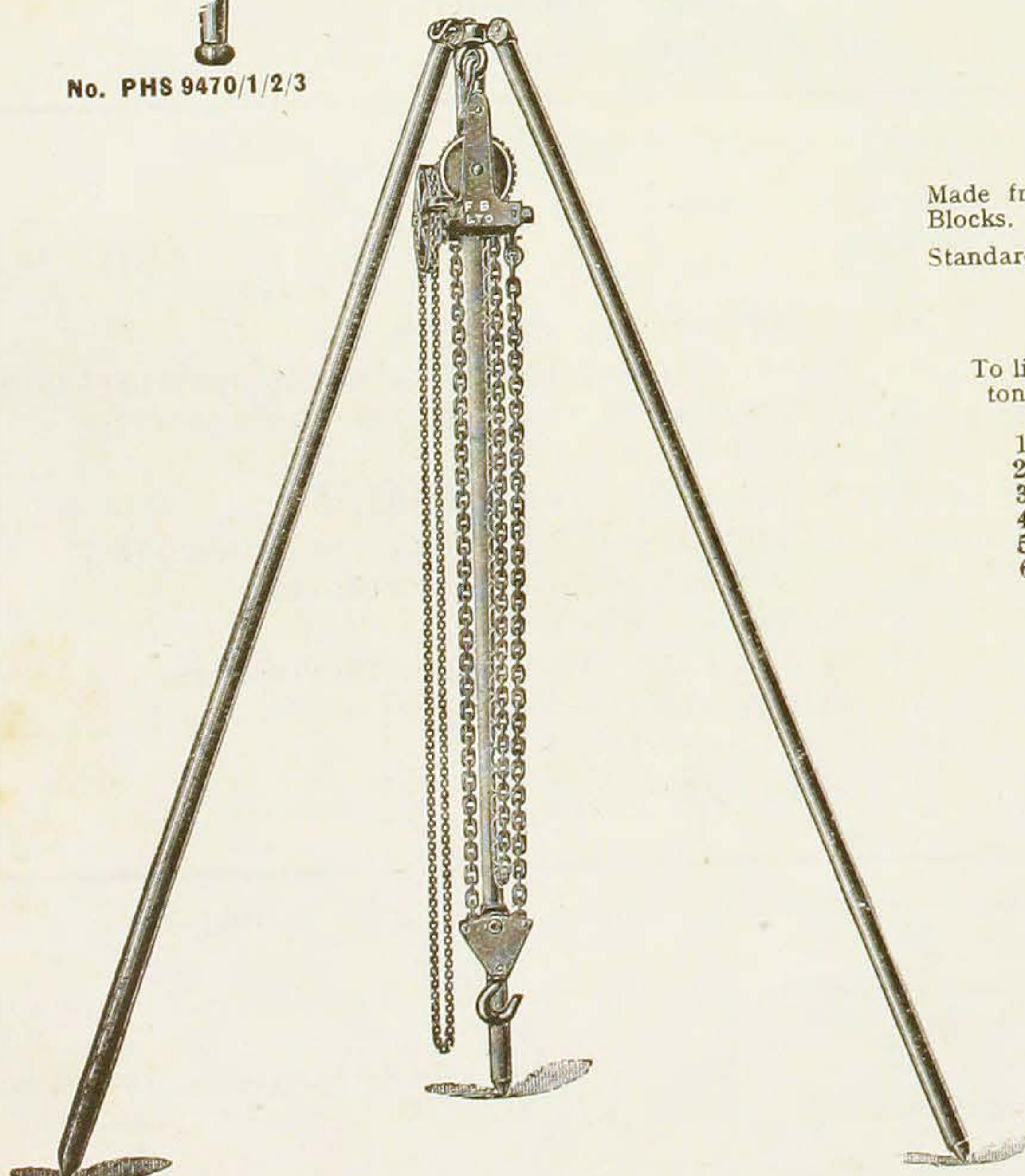
Made from strong tubes. Head fitted with eye for hanging Blocks. Ends of Tubes spiked to prevent slipping. Standard height 12'. Prices for longer legs on application. Prices do not include for any blocks.

With Three Legs.			With Four Legs.		
To lift, tons.	Price each.		To lift, tons.	Price each.	
1	£ 12 1 0		1	£ 12 11 9	
2	13 2 6		2	13 13 6	
3	14 15 8		3	15 6 3	
4	17 10 0		4	18 1 0	
5	18 1 0		5	19 3 0	
6	20 7 0		6	21 17 6	

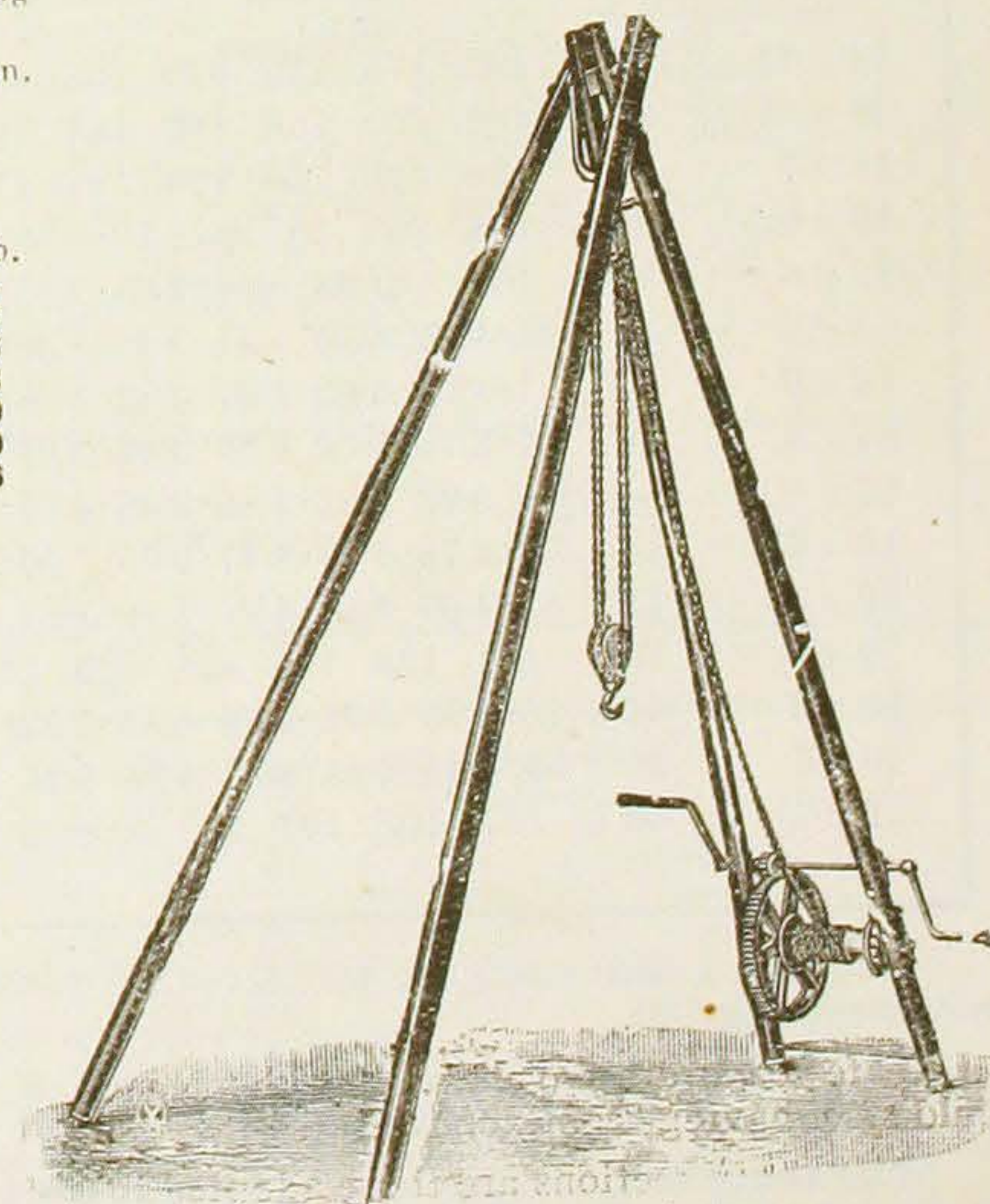
No. PHO 9489

WOODEN SHEAR LEGS, WITH GEARING.

Prices quoted on receipt of Specifications.



No. PHO 9488



No. PHO 9489

Steel Beams and Pillars. 1904 Standard

The Tables printed on this page give the safe loads of Steel Joists used as Beams and as Pillars in the sections adopted by the British Engineering Standards Association in 1904. Quotations for Steel Beams and Pillars given on request.
We have, ready for despatch from works, all the following sections.

STEEL BEAMS (H SECTIONS)

1904 Standard

Safe Distributed Loads, in Tons.

Sizes in inches.	W'ght per ft. in lbs.	SPANS IN FEET.										
		12	14	16	18	20	22	24	26	28	30	32
24×7½	100	92.2	79.0	69.1	61.4	55.3	50.3	46.1	42.5	39.5	36.8	34.5
20×7½	89	69.6	59.7	52.2	46.4	41.8	38.0	34.8	32.1	29.8	27.8	26.1
18×7	75	53.2	45.6	39.9	35.5	31.9	29.0	26.6	24.5	22.8	21.3	19.9
16×6	62	37.8	32.4	28.3	25.2	22.7	20.6	18.9	17.4	16.2	15.1	14.1
15×6	59	34.9	29.9	26.2	23.3	20.9	19.0	17.4	16.1	14.9	13.9	13.0
15×5	42	23.8	20.4	17.8	15.8	14.2	13.0	11.9	11.0	10.2	9.5	8.9
14×6	57	31.7	27.2	23.8	21.1	19.0	17.3	15.8	14.6	13.6	12.7	11.9
14×6	46	26.2	22.5	19.7	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8
12×6	54	26.1	22.3	19.5	17.5	15.6	14.2	13.0	12.0	11.1		
12×6	44	21.9	18.8	16.4	14.6	13.1	11.9	10.9	10.1	9.4		
12×5	32	15.3	13.1	11.4	10.2	9.1	8.3	7.6	7.0	6.5		
10×8	70	28.7	24.6	21.5	19.2	17.2	15.7	14.3				
10×6	42	17.6	15.1	13.2	11.7	10.5	9.6	8.8				
10×5	30	12.1	10.4	9.1	8.1	7.3	6.6	6.0				
9×7	58	21.3	17.9	15.9	14.2	12.7	11.6					

Tabular loads to right of zig-zag line will produce deflection greater than 1/26th of an inch per foot of span.

Safe working stress equals 7.5 tons per square inch, equal to a factor of safety of 4. Ends of beams simply supported.

The above sections are those adopted in 1904 by the British Engineering Standards Association.

STEEL BEAMS (H SECTIONS)

1904 Standard

Safe Distributed Loads, in Tons.

Sizes in inches.	W'ght per ft. in lbs.	SPANS IN FEET.											
		5	6	7	8	9	10	11	12	14	16	18	
9×4	21		15.0	12.8	11.2	10.1	9.0	8.2	7.5	6.4	5.6	5.0	
8×6	35	27.3	23.0	19.7	17.3	15.3	13.8	12.6	11.5	9.8	8.6	7.7	
8×5	28		18.6	15.9	14.0	12.4	11.2	10.1	9.3	7.9	7.0	6.2	
8×4	18	13.9	11.6	9.9	8.6	7.7	6.9	6.3	5.8	4.9	4.3	3.8	
7×4	16	11.2	9.3	8.0	7.0	6.2	5.6	5.1	4.6	4.0	3.5	3.1	
6×5	25	14.5	12.1	10.3	9.0	8.1	7.2	6.6	6.0	5.1	4.5		
6×4½	20	11.5	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.1	3.6		
6×3	12	6.7	5.6	4.8	4.2	3.7	3.3	3.0	2.8	2.4	2.1		
5×4½	18	9.0	7.6	6.4	5.6	5.0	4.5	4.1	3.8				
5×3	11	5.4	4.5	3.9	3.4	3.0	2.7	2.4	2.2				
4¾×1¾	6½	2.8	2.4	2.0	1.8	1.5	1.4	1.3	1.2				
4×3	9½	3.7	3.1	2.5	2.3	2.1	1.9						
4×1¾	5	1.8	1.5	1.3	1.1	1.0	0.9						
3×3	8½	2.5	2.1	1.8	1.6								
3×1½	4	1.1	0.9	0.8	0.7								

Tabular loads to right of zig-zag line will produce deflection greater than 1/26th of an inch per foot of span.

Safe working stress equals 7.5 tons per square inch, equal to a factor of safety of 4. Ends of beams simply supported.

The above sections are those adopted in 1904 by the British Engineering Standards Association.

STEEL PILLARS OF H SECTION

1904 Standard

Safe Concentric Loads, in Tons.

Sizes in inches.	W'ght per ft. in lbs.	HEIGHTS IN FEET.										
		8	9	10	11	12	13	14	15	16	17	18
24×7½	100	182	179	175	170	165	160	145	126	111	98.3	87.7
20×7½	89	163	160	156	152	148	144	136	118	104	92.1	82.2
18×7	75	136	133	130	126	122	117	101	88.0	77.3	68.5	61.1
16×6	62	108	105	101	95.2	79.9	68.1	58.7	51.1	45.0		
15×6	59	104	101	98.0	94.3	83.2	70.9	61.2	53.3	46.8	41.5	
15×5	42	68.8	62.6	50.7	41.9	35.2	30.0					
14×6	57	101	98.3	95.1	91.6	82.5	70.3	60.6	52.8	46.4	41.1	
14×6	46	81.3	78.9	76.2	73.3	63.7	54.3	46.8	40.8	35.8		
12×6	54	96.5	93.9	91.1	88.0	83.4	71.1	61.3	53.4	46.9	41.5	
12×6	44	78.4	76.2	73.8	71.2	65.7	56.0	48.3	42.0	36.9	32.7	
12×5	32	53.1	50.6	44.1	34.2	28.8	24.5					
10×8	70	131	129	127	125	123	121	118	115	112	105	93.9
10×6	42	75.4	73.5	71.4	69.0	66.5	57.7	49.7	43.3	38.1	33.7	30.1
10×5	30	50.4	48.1	41.6	34.4	28.9	24.6	21.2				
9×7	58	107	105	103	101	98.8	96.2	93.4	87.5	76.9	68.1	60.7

The above safe loads are tabulated for ratios of slenderness up to but not exceeding 160.

Safe loads are calculated by the Moncrieff Formulae for stanchions of mild steel having "both ends Flat."

The above sections are those adopted in 1904 by the British Engineering Standards Association.

STEEL PILLARS OF H SECTION

1904 Standard

Safe Concentric Loads, in Tons.

Sizes in inches.	W'ght per ft. in lbs.	HEIGHTS IN FEET.											
		5	6	7	8	9	10	11	12	13	14	15	
9×4	21	37·5	35·8	33·8	27·9	22·0	17·8						
8×6	35	66·4	65·3	64·0	62·4	60·7	58·8	56·8	52·9	45·1	38·9	33·9	
8×5	28	52·3	51·1	49·6	47·9	46·0	43·5	36·0	30·2	25·8	22·2		
8×4	18	32·1	30·6	28·9	23·7	18·7	15·2						
7×4	16	28·7	27·5	26·1	22·6	17·9	14·5	12·0					
6×5	25	46·7	45·6	44·2	42·7	41·0	38·7	32·0	26·9	22·9	19·7		
6×4½	20	36·6	35·4	34·0	32·4	28·4	23·0	19·0	16·0				
6×3	12	19·6	15·8	11·6	8·9								
5×4½	18	33·3	32·4	31·3	30·0	28·6	24·0	19·9	16·7	14·2			
5×3	11	18·6	17·3	12·7	9·7								
4×3	9½	16·1	15·0	11·1	8·5	6·7							
3×3	8½	14·6	13·7	10·9	8·4	6·6							

The above safe loads are tabulated for ratios of slenderness up to but not exceeding 160.

Safe loads are calculated by the Moncrieff Formulae for stanchions of mild steel having "both ends Flat."

The above sections are those adopted in 1904 by the British Engineering Standards Association.

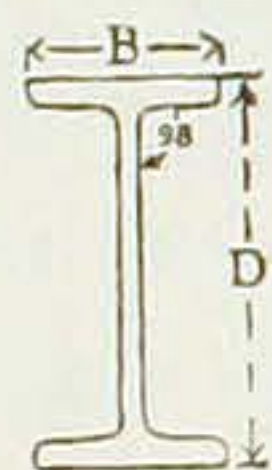
Steel Beams and Pillars. 1920 Standard

The Tables printed on this page give the safe loads of Steel Joists used as Beams and as Pillars in the sections adopted by the British Engineering Standards Association in 1920. Quotations for Steel Beams and Pillars given on request.

We have ready for despatch from works many of the following sections.

STEEL BEAMS. (H Sections).

Revised Sections 1920.
Safe distributed loads
in tons.



Sizes in inches. D x B	Wght. per ft. in lbs.	SPANS IN FEET.										
		12	14	16	18	20	22	24	26	28	30	32
24 x 7 1/2	90	84.8	72.7	63.6	56.5	50.9	46.2	42.4	39.1	36.3	33.9	31.8
22 x 7	75	63.5	54.4	47.6	42.3	38.1	34.6	31.7	29.3	27.2	25.4	23.8
20 x 6 1/2	65	51.0	43.7	38.3	34.0	30.6	27.8	25.5	23.5	21.8	20.4	19.1
18 x 8	80	59.8	51.2	44.8	39.8	35.8	32.6	29.9	27.6	25.6	23.9	22.4
18 x 6	55	38.9	33.4	29.2	25.9	23.3	21.2	19.4	17.9	16.7	15.5	14.6
16 x 8	75	50.7	43.4	38.0	33.8	30.4	27.6	25.3	23.4	21.7	20.2	19.0
16 x 6	50	32.1	27.5	24.1	21.4	19.3	17.5	16.0	14.8	13.7	12.8	12.0
15 x 6	45	27.3	23.4	20.4	18.2	16.3	14.9	13.6	12.6	11.7	10.9	10.2

Tabular loads to right of zig-zag line will produce deflection greater than 1/26th of an inch per foot of span.
Safe working stress equals 7.5 tons per square inch, equal to a factor of safety of 4. Ends of beams simply supported.
The above are the revised sections of beams adopted in 1920 by the British Engineering Standards Association.

Sizes in inches. D x B	Wght. per ft. in lbs.	SPANS IN FEET.										
		12	14	16	18	20	22	24	26	28	30	32
14 x 8	70	41.9	35.9	31.4	27.9	25.1	22.9	20.9	19.3	17.9	16.7	15.7
14 x 5 1/2	40	22.4	19.2	16.8	14.9	13.4	12.2	11.2	10.3	9.6	8.9	8.4
13 x 5	35	18.1	15.5	13.6	12.1	10.9	9.9	9.0	8.3	7.7	7.2	
12 x 8	65	33.8	29.0	25.4	22.5	20.3	18.4	16.9	15.6	14.5		
12 x 5	30	14.3	12.3	10.7	9.5	8.6	7.8	7.1	6.6	6.1		
10 x 8	55	24.0	20.6	18.0	16.0	14.4	13.1	12.0				
10 x 6	40	17.0	14.6	12.8	11.3	10.2	9.3	8.5				

STEEL BEAMS. (H Sections).

Revised Sections 1920.
Safe distributed loads
in tons.

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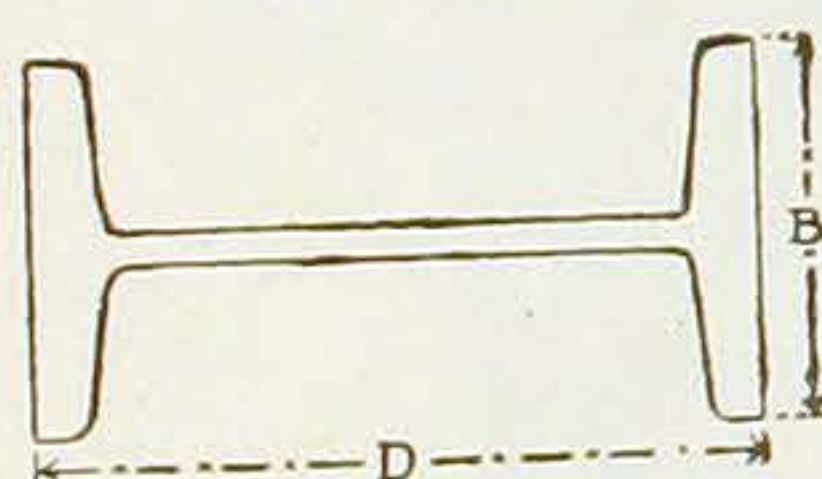
Sizes in inches. D x B	Wght. per ft. in lbs.	SPANS IN FEET.										
		5	6	7	8	9	10	11	12	14	16	18
10 x 4 1/2	25		20.3	17.4	15.2	13.5	12.2	11.1	10.1	8.7	7.6	6.7
9 x 7	50					25.6	23.1	21.0	19.2	16.5	14.4	12.8
9 x 4	21	18.0	15.0	12.8	11.2	10.0	9.0	8.1	7.5	6.4	5.6	5.0
8 x 6	35					15.9	14.3	13.0	11.9	10.2	8.9	7.9
8 x 4	18	13.9	11.5	9.9	8.6	7.7	6.9	6.3	5.7	4.9	4.3	3.8
7 x 3 1/2	15	10.2	8.5	7.3	6.4	5.6	5.1	4.6	4.2	3.6	3.2	2.8
6 x 5	25		12.5	10.7	9.4	8.3	7.5	6.8	6.2	5.3	4.7	

Tabular loads to right of zig-zag line will produce deflection greater than 1/26th of an inch per foot of span.
Safe working stress equals 7.5 tons per square inch, equal to a factor of safety of 4. Ends of beams simply supported.
The above are the revised sections of beams adopted in 1920 by the British Engineering Standards Association.

Sizes in inches. D x B	Wght. per ft. in lbs.	SPANS IN FEET.										
		5	6	7	8	9	10	11	12	14	16	18
6 x 3	12	6.9	5.8	4.9	4.3	3.8	3.4	3.1	2.9	2.4	2.1	
5 x 4 1/2	20	10.0	8.3	7.1	6.2	5.5	5.0	4.5	4.1			
5 x 2 1/2	9	4.3	3.6	3.1	2.7	2.4	2.1	1.9	1.8			
4 1/2 x 2	7	2.9	2.4	2.1	1.8	1.6	1.4	1.3				
4 x 3	10	3.8	3.2	2.7	2.4	2.1	1.9					
4 x 1 1/2	5	1.8	1.5	1.3	1.1	1.0	0.9					
3 x 1 1/2	4	1.1	0.9	0.7	0.6							

STEEL PILLARS Of H Section.

Revised Sections 1920.
Safe concentric loads
in tons.



Sizes in inches. D x B	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		8	9	10	11	12	13	14	15	16	17	18
24 x 7 1/2	90	164	161	157	153	148	144	131	114	100	88.8	79.2
22 x 7	75	134	131	127	123	118	103	89.0	77.5	68.2	60.3	53.8
20 x 6 1/2	65	115	112	108	105	96.1	81.9	70.6	61.5	54.0	47.8	
18 x 8	80	148	146	143	141	137	134	130	127	115	102	91.1
18 x 6	55	96.2	93.0	89.5	83.1	69.8	59.5	51.2	44.6	39.2		
16 x 8	75	139	137	135	132	130	127	123	120	113	100	89.5
16 x 6	50	87.9	85.1	82.0	78.8	66.3	56.5	48.7	42.4	37.3		
15 x 6	45	78.9	76.4	73.6	69.7	58.6	49.9	43.1	37.5	32.9		

The above safe loads are tabulated for ratios of slenderness up to but not exceeding 160.
Safe loads are calculated by the Moncrieff Formulae for stanchions of mild steel having "both ends Flat."
The above are the revised sections of beams adopted in 1920 by the British Engineering Standards Association.

Sizes in inches. D x B	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		8	9	10	11	12	13	14	15	16	17	18
14 x 8	70	130	129	126	124	122	119	116	113	110	98.1	
14 x 5 1/2	40	68.5	65.9	62.8	51.9	43.6	37.1	32.1				
13 x 5	35	58.2	55.5	46.0	38.0	31.9	27.2					
12 x 8	65	121	120	118	116	114	111	109	106	103	95.8	85.5
12 x 5	30	49.4	46.0	37.3	30.8	25.9	22.0					
10 x 8	55	103	101	100	98.4	96.5	94.5	92.3	90.0	87.6	80.5	71.8
10 x 6	40	71.8	69.9	67.9	65.7	63.3	54.7	47.2	41.1	36.1	32.0	28.5

STEEL PILLARS Of H Section.

Revised Sections 1920.
Safe concentric loads
in tons.

CONTINUED

Sizes in inches. D x B	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		3	4	5	6	7	8	9	10	12	14	16
10 x 4 1/2	25						40.2	34.0	27.5	19.1		
9 x 7	50						92.6	91.0	89.2	85.2	80.6	66.6
9 x 4	21				35.7	33.7	27.5	21.7	17.6			
8 x 6	35						63.0	61.4	59.6	55.7	42.4	32.4
8 x 4	18				30.5	28.8	23.3	18.4	14.9			
7 x 3 1/2	15			26.1	24.6	20.8	15.9	12.6				
6 x 5	25			46.9	45.8	44.6	43.2	41.6	39.9	29.1	21.4	

The above safe loads are tabulated for ratios of slenderness up to but not exceeding 160.
Safe loads are calculated by the Moncrieff Formulae for stanchions of mild steel having "both ends Flat."
The above are the revised sections of beams adopted in 1920 by the British Engineering Standards Association.

Sizes in inches. D x B	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		3	4	5	6	7	8	9	10	12	14	16
6 x 3	12			21.3	20.0	17.2	12.6	9.7				
5 x 4 1/2	20			37.9	37.1	36.1	34.9	33.6	32.1	27.9	19.4	
5 x 2 1/2	9		16.3	15.3	13.4	12.5						
4 1/2 x 2	7		12.0	10.1	6.5							
4 x 3	10		18.6	17.9	16.9	15.6	11.5					
4 x 1 1/2	5		8.0	4.9								
3 x 1 1/2	4		5.9	3.3								

SOLID ROUND STEEL COLUMNS.

Safe concentric loads
in tons.

Sizes in inches.	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		4	6	8	10	11	12	13	14	15	16	18
9	216.3				404	400	395	389	384	377	371	357
8 1/2	193.0				358	353	349	343	338	331	325	311
8	170.9				315	310	305	300	294	288	282	264
7 1/2	150.3				274	269	265	259	254	247	241	204
7	130.9				236	231	227	221	216	210	196	155
6 1/2	112.9		250	244	201	196	191	186	180	165	145	115
6	96.2		214	208	168	163	158	153	138	120	105	

The above safe loads are tabulated for ratios of slenderness up to but not exceeding 160.
Safe loads are calculated by the Moncrieff Formulae for stanchions of mild steel having "both ends Flat."

Sizes in inches.	Wght. per ft. in lbs.	HEIGHTS IN FEET.										
		4	6	8	10	11	12	13	14	15	16	18
5 1/2	80.8			151	145	137	133	128	113	97.4	84.9	
5	66.8			124	118	110	106	90.6	77.2	66.5		
4 1/2	54.1			98.7	92.7	85.3	70.7	59.4				
4	42.8			76.4	70.4	53.4	44.1	37.1				
3 1/2	32.8	61.0	56.7	48.9	31.3	25.9						
3	24.1	43.9	39.6	26.4	16.9							
2 1/2	16.7	29.4	22.6	12.7								



Acetylene Lamps

(Flare,
Generating,
etc).

No. PHO 8902
ACETYLENE FLARE LIGHT.

Size No. 1.

Capacity 1,000 c.p. for 12 hours.
Carbide charge, 15 lbs.

Price in Steel .. £10 4 0

Size No. 2.

Capacity 2,500 c.p. for 12 hours.
Carbide charge, 30 lbs.

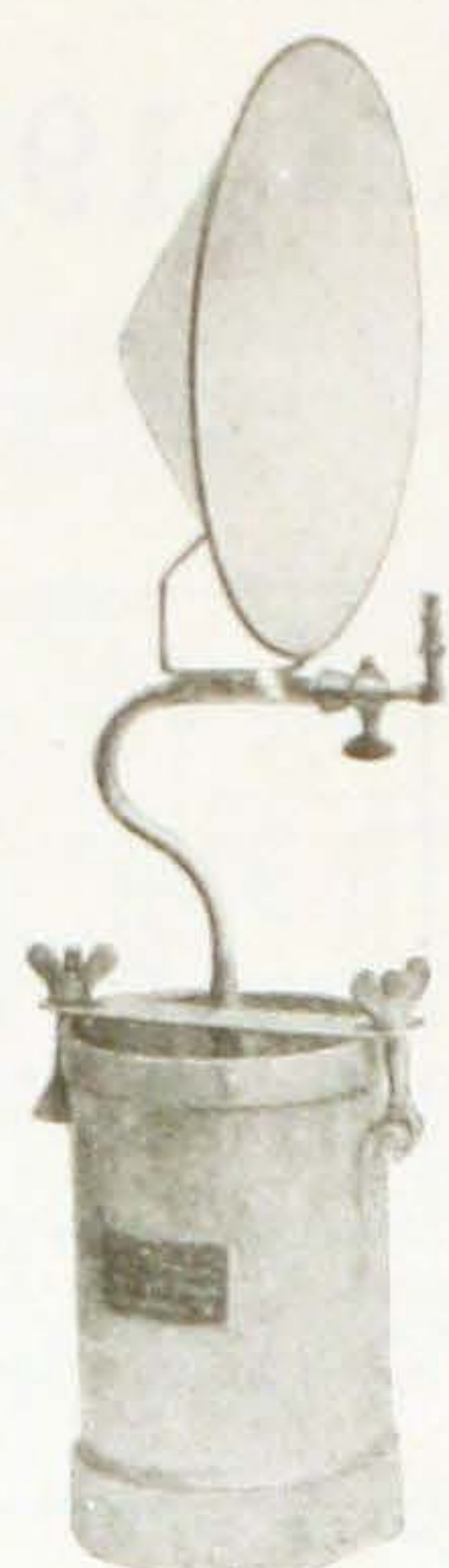
Price in Steel .. £12 12 0

Size No. 3.

The Handy Flare. Square pattern.

Capacity, 1,000 c.p. for 6 hours.
Carbide charge, 7½ lbs.

Price in Steel .. £7 16 0



No. PHO 8911
CONTRACTORS'
ACETYLENE LAMP.
Steel, Stormproof. 100 c.p.
Price .. £3 4 2



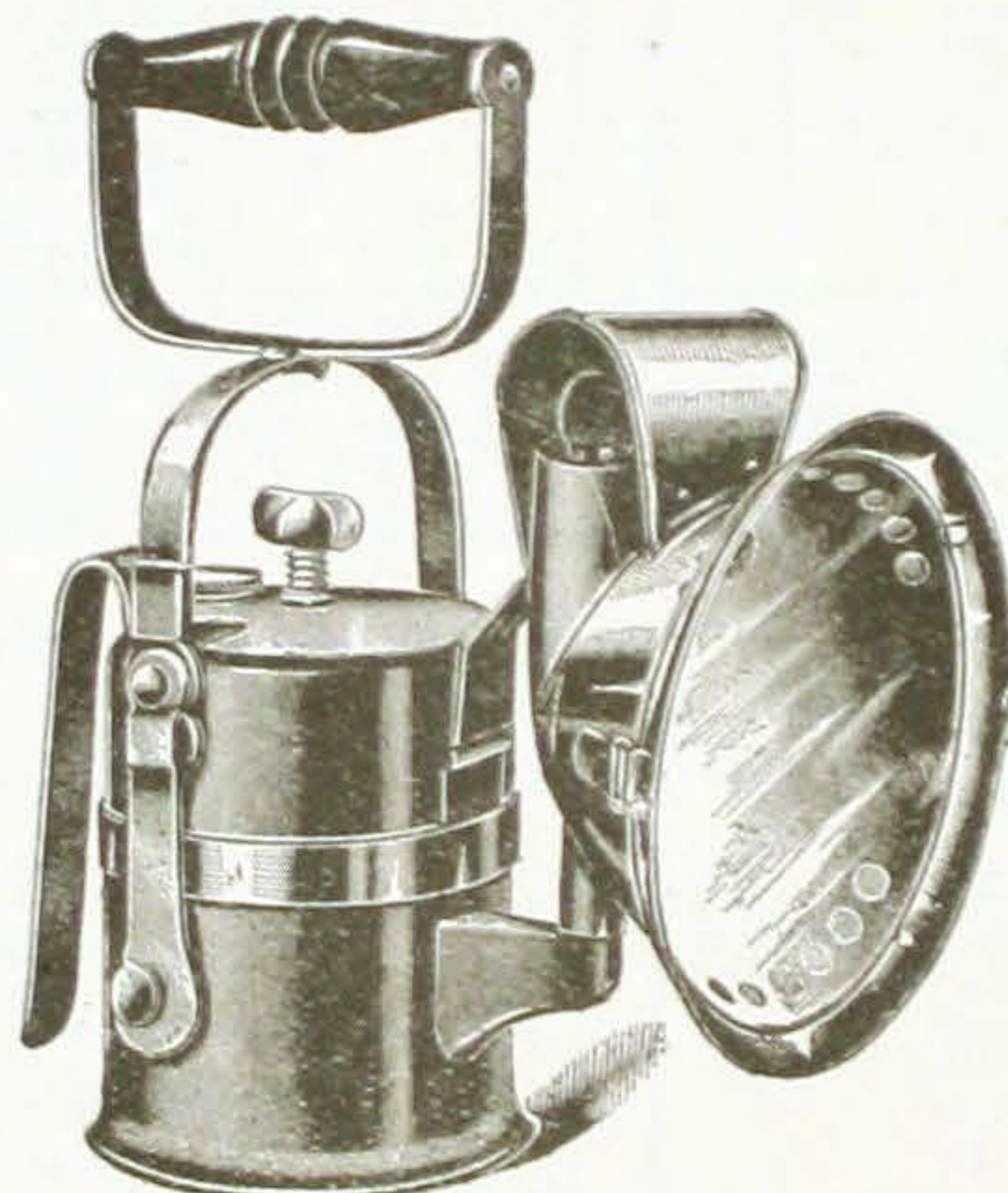
No. PHO 8910
ACETYLENE FLARE LIGHT.
Used by Railways, Contractors,
etc.
Steel, Stormproof, 1,000 c.p.
Price, £8 2 0



No. PHO 8901
A Specially Prepared
CAKE OF CARBIDE.
For use with No. PHO 8900
Flare Light.
Drum of 40 cakes, 50/8



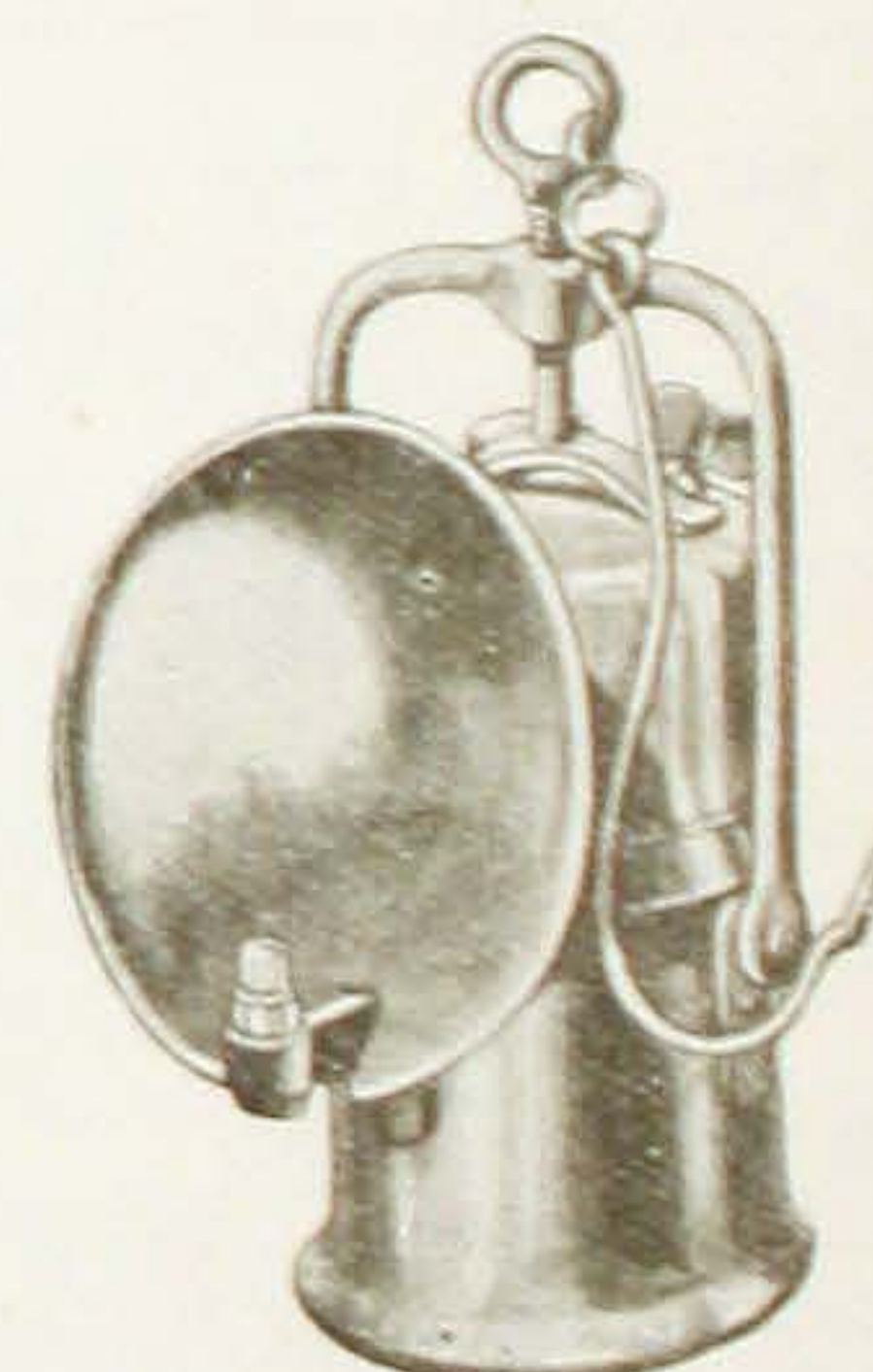
No. PHO 8909
LIGHTWEIGHT CAP OR HAND LAMP.
With belt clip and bridle. 12 c.p.
In Brass .. 7/3 each.



No. PHO 8908
ACETYLENE HAND LAMP.
For general use.
Stormproof. 30 c.p.
In Steel .. 20/3 each.



No. PHO 8904
PATENT ACETYLENE HAND LAMP.
11½" high x 7" square.
Weight: Empty, 15 lbs., full 28½ lbs.
Price in Steel .. 54/- each.



No. PHO 8907
ACETYLENE HAND LAMP.
For general use. 20 c.p.
In Steel .. 11/3 each.



No. PHO 8905
PATENT SELF-CONTAINED
ACETYLENE LAMP.
Fitted with 12" Silk Shade.
Made in Solid Brass, Price 39/5 each.



No. PHO 8912
TABLE ACETYLENE LAMP.
Used in Cottages, House-Boats, Camps,
etc. Capacity—35 c.p. for 8 hours.
Price in Steel .. 15/9 each.

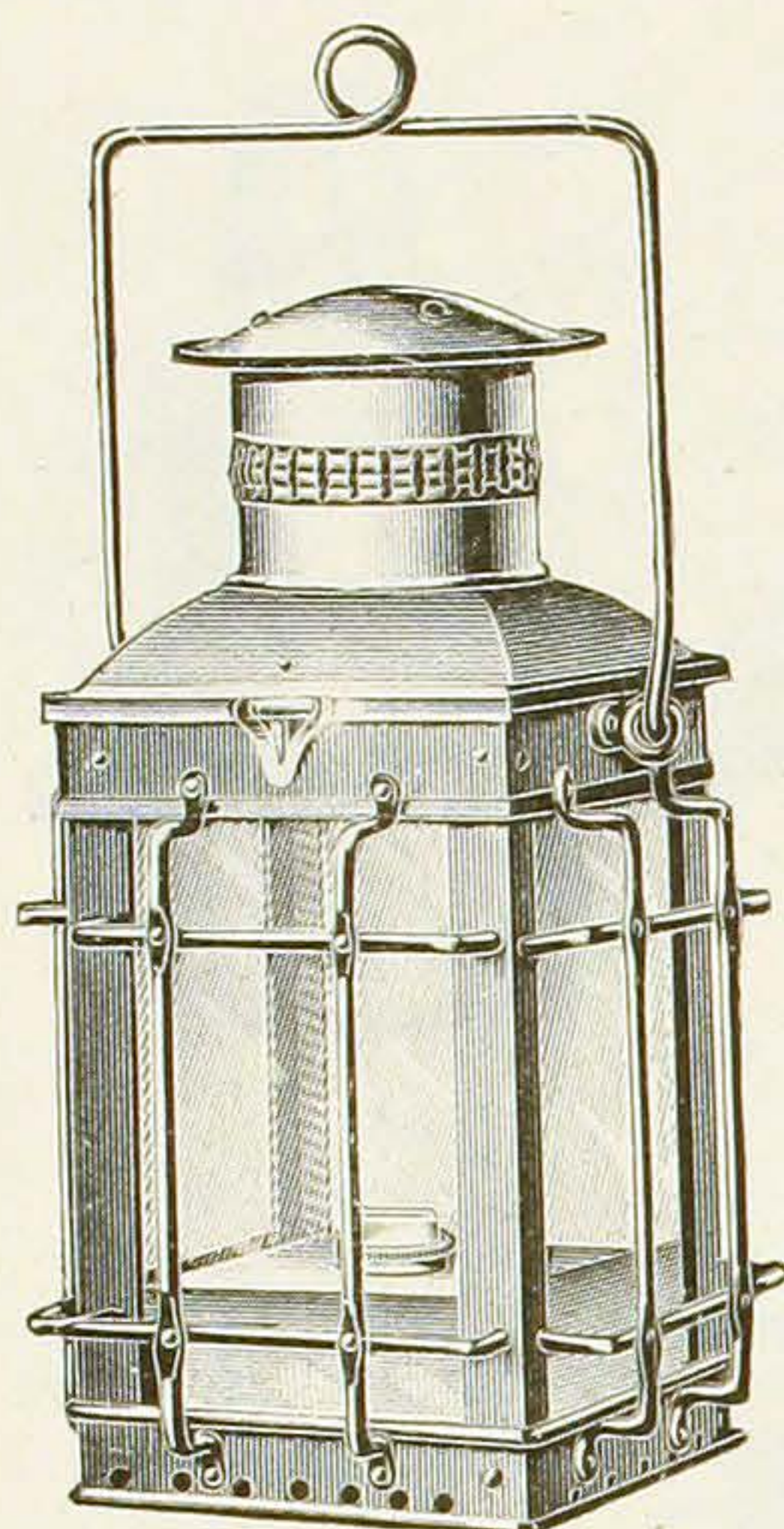


No. PHO 8906
ACETYLENE READING LAMP.
With Art Metal Triple Handle Carrier.
Made in solid Brass, complete 25/3
each.



No. PHO 8903
ACETYLENE HURRICANE LAMP.
A useful Lamp for outside use.
Capacity;
25 c.p. for 7½ hours on one charge.
Height: 1' 7".
Width: 7½".
Weight (empty): 3½ lbs.
Price .. 10/8 each.

Contractors' Lamps, Hurricane Lamps, Oil Cans, Funnels & Measures



**No. PHS 9909
STRONG CONTRACTORS'
ROAD LAMP.**

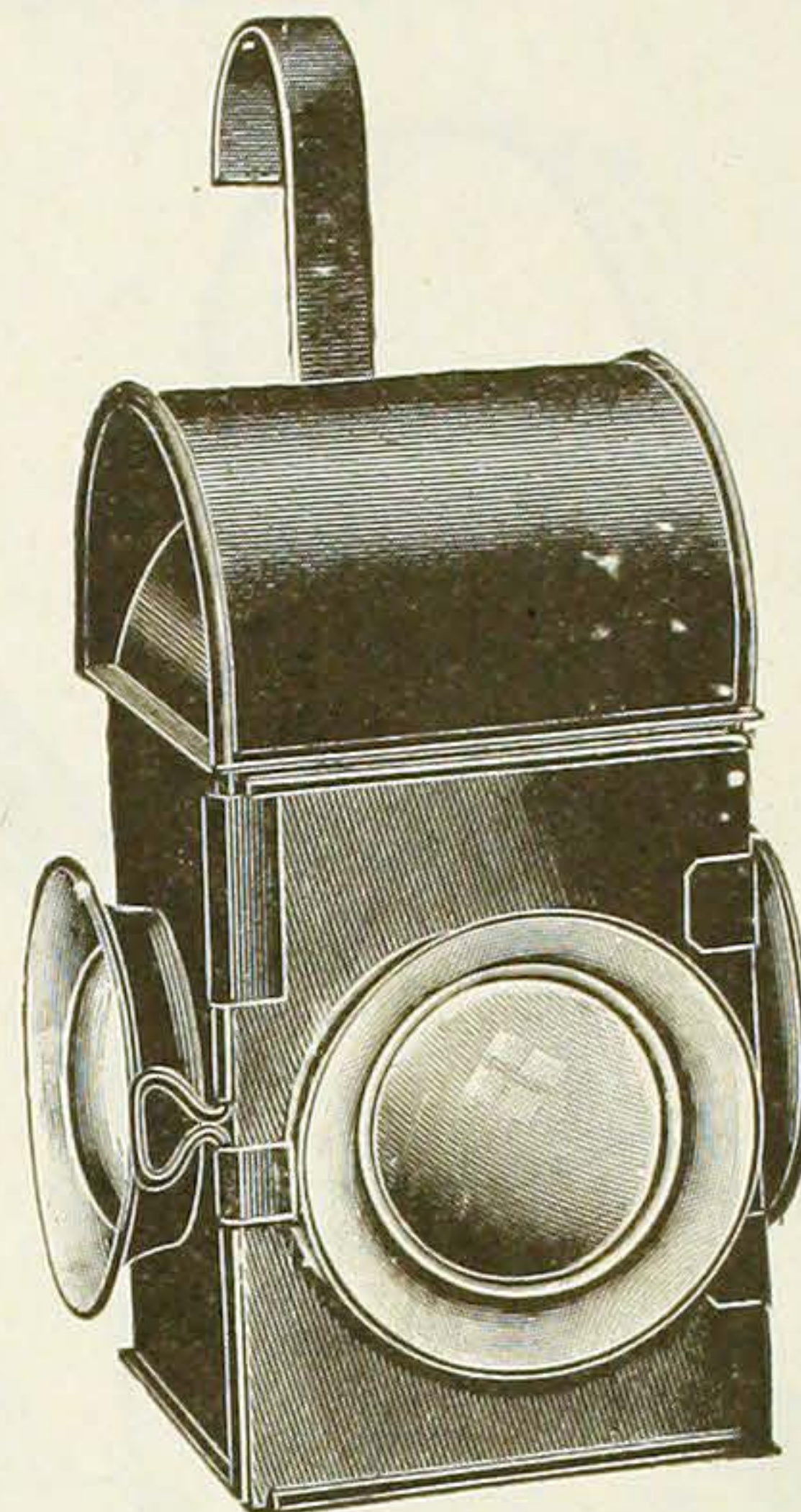
1" Colza Burner. Clear Glasses.
Galvanized .. 12/9 each.
Japanned .. 12/6 "

1" Wedge Burner, two Ruby and
two Clear Glasses.

Singles.
Galvanized .. 15/- each.
Japanned .. 14/9 "

Dozen Lots.
Galvanized .. 12/- each.
Japanned .. 11/3 "

**Special Low Prices quoted
for Quantities.**



**PATENT SEAMLESS SERRATED "PUMP" OR "FORCE FEED"
LUBRICATING OIL CANS.**

Suitable for Petrol or Oil.

**No. PHS 9910
JAPANNED CONTRACTORS' LAMP.**
Fitted with three Clear Lenses and Ruby
Slides at the back. 3/4" Nickel Plated
Paraffin Burner.

Singles .. 11/9 each.
Doz. lots .. 11/3 "

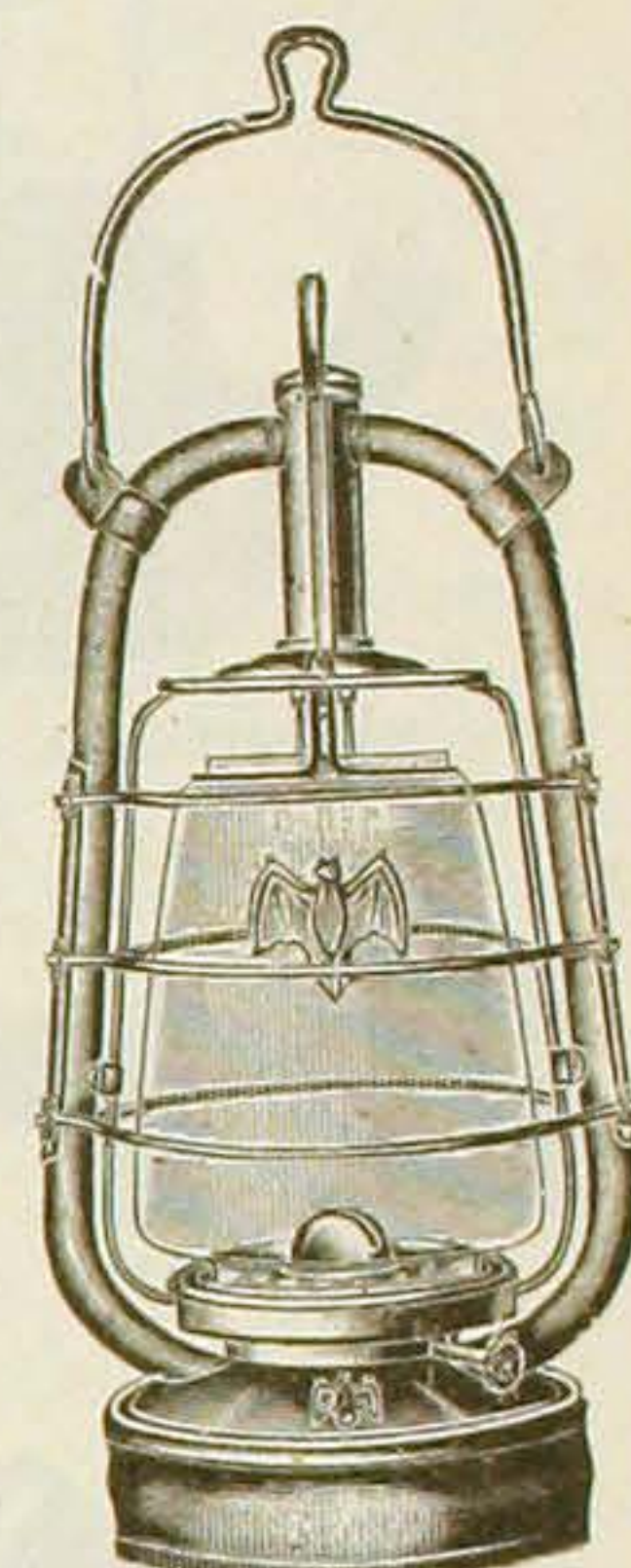
**No. PHS 9911
GENUINE "BAT" HURRICANE
LAMPS.** Clear Globes.

Gross lots .. 49/6 dozen.
6 dozen lots .. 50/3 "

Smaller lots 51/- dozen, 4/6 each.

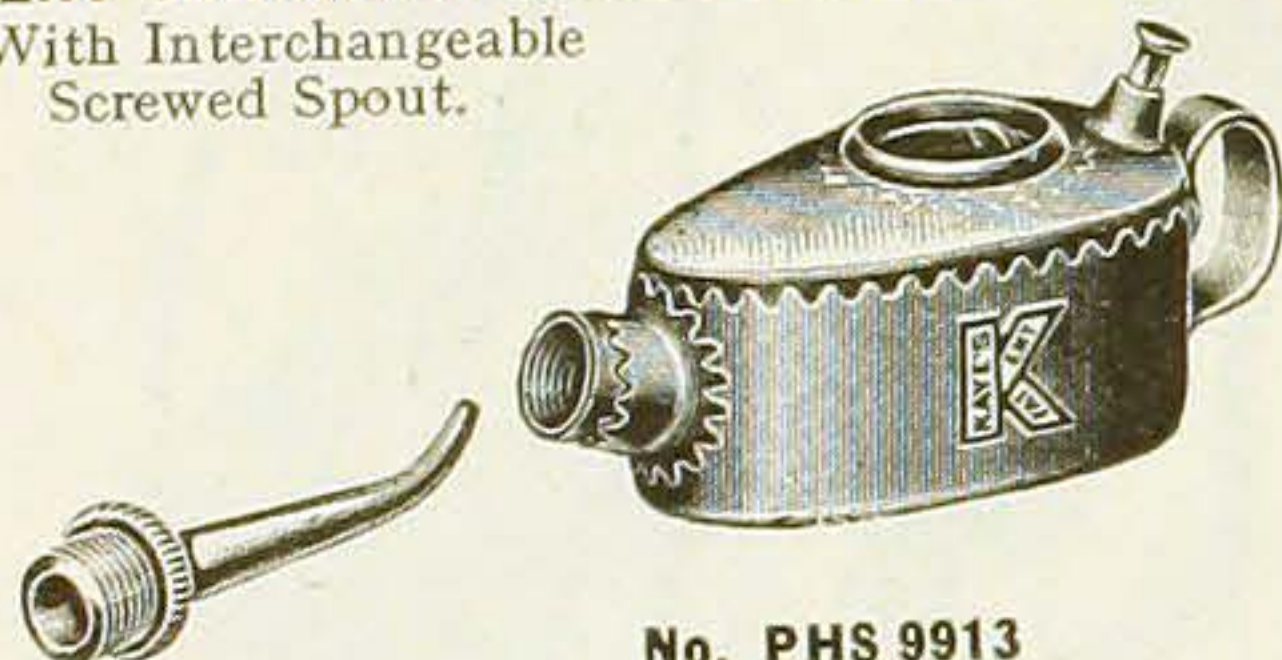
**No. PHS 9912
"PARWINAC"
BRIGHT HURRICANE LAMPS.**
Slightly Cheaper Pattern.

Dozen
lots. each.
Clear Globes .. 49/6 4/3
Ruby Globes .. 57/- 4/10

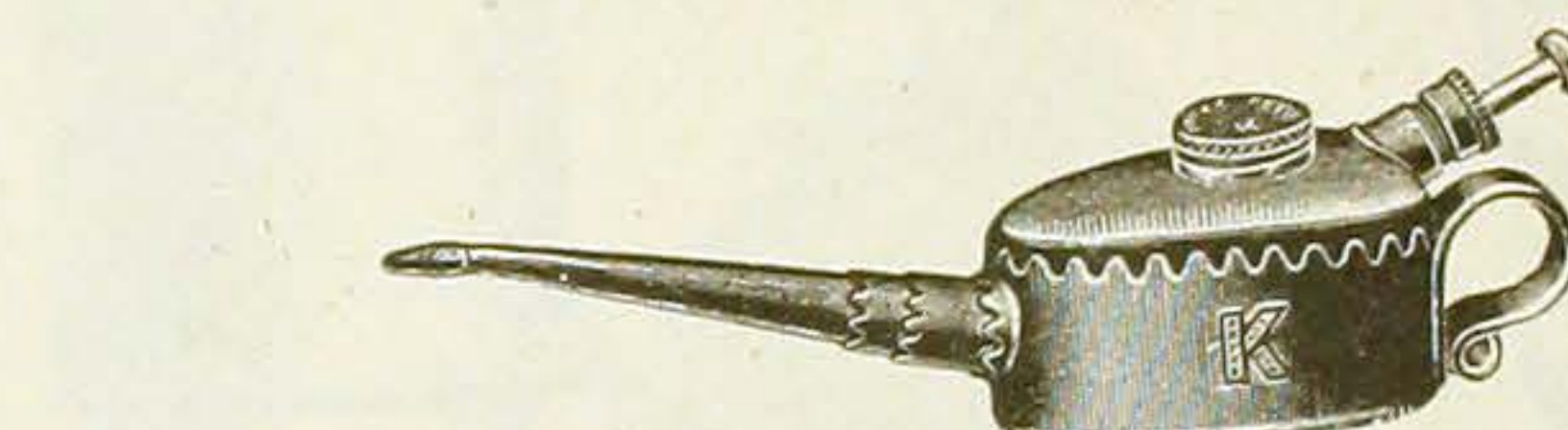


PATENT SERRATED STEEL SEAMLESS OIL CANS.

With Interchangeable
Screwed Spout.



Size	1	2	3	4	5	6
Capacity	1 pint.	1 1/2	2	2 1/2	3	3 1/2
Length of Spout	5"	6"	7"	8"	10"	12"
With Interchangeable Steel Spouts	40/6	45/-	51/9	60/9	69/9	87/9 dozen.
With Copper or Brass Spouts	42/9	47/3	54/-	63/-	73/2	91/2 dozen.
	3/8	4/-	4/8	5/5	6/3	7/9 each.



Size	1	2	3	4	5	6	7	8
Capacity	1 pint.	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2
Seamless	54/-	58/6	63/-	67/6	78/9	90/-	108/-	121/8 dozen.
Steel	4/7	5/-	5/4	5/9	6/8	7/8	9/2	10/3 each.
Seamless Copper or Brass	6/3	6/9	7/6	8/6	9/9	11/3	13/-	13/8 each.

**PATENT NEW SERRATED
MOTOR CYCLE OIL CAN.**

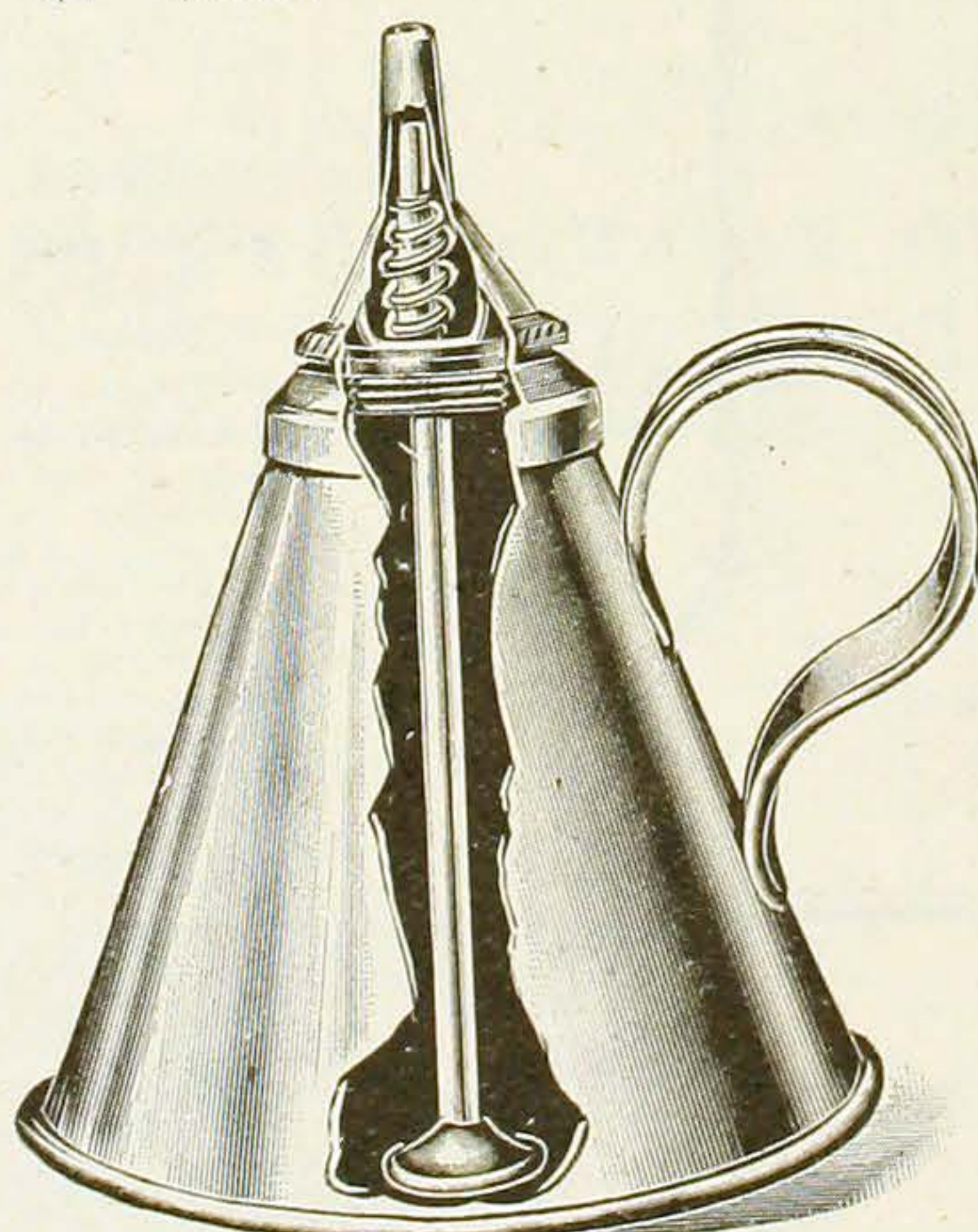


Size.	Dozen.	each.
1 Cycle ..	14/6	1/3
2 Small Motor Cycle ..	19/3	1/8
3 Motor Cycle ..	21/8	2/-
4 Cycle (Brass) ..	31/3	2/8
5 Motor Cycle (Brass) ..	36/-	3/2

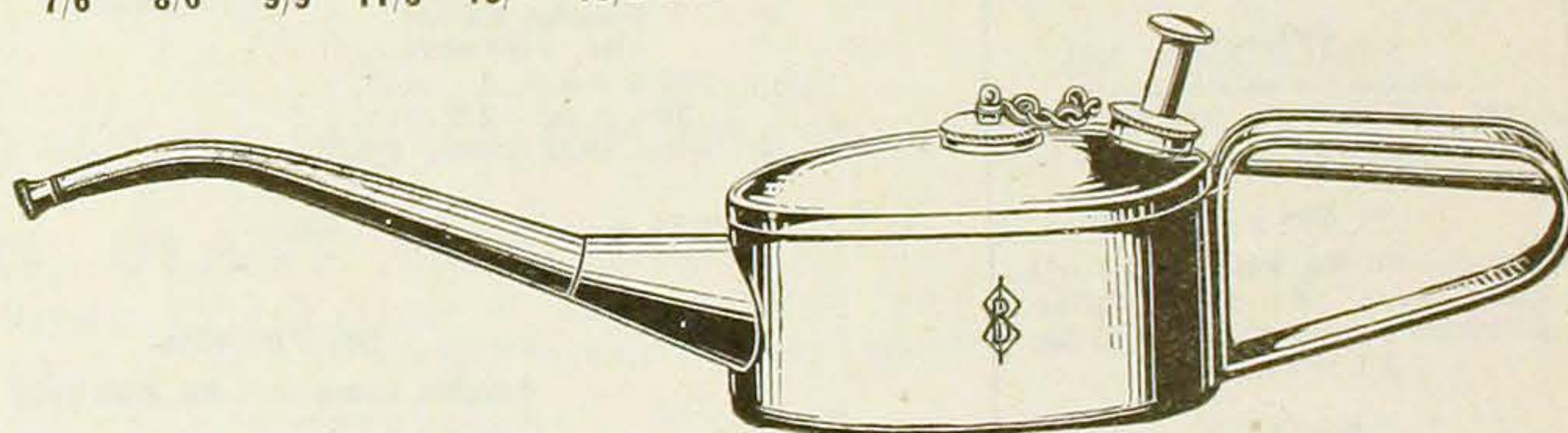


**Registered Design
ANTI-SPLASH
FUNNEL.
No. PHS 9916**

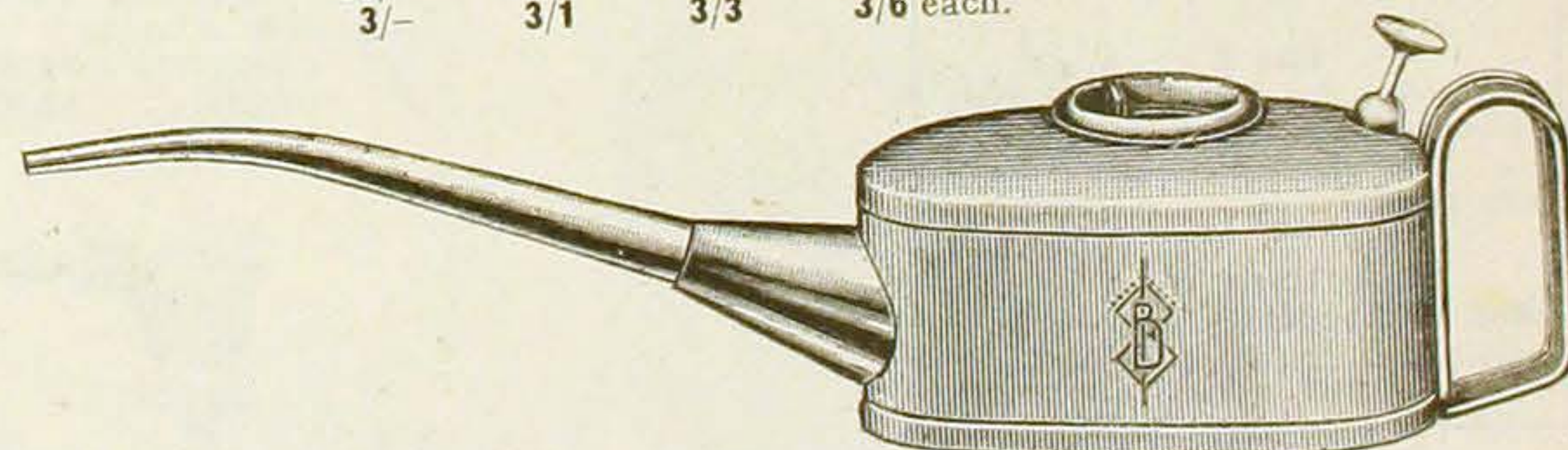
With Detachable Cone Gauze and Nozzle.	Dozen.	each.
6" Tin ..	33/-	3/-
7" " ..	36/-	3/3
8" " ..	45/-	4/-
6" Polished Brass ..	45/-	4/-
7" " ..	49/6	4/6
8" " ..	60/-	5/3



**No. PHS 9922
PATENT "NON-LEAK" TOOL BAG OIL CAN.**
1/2 pint capacity, 12/- dozen, 1/3 each.



No. PHS 9918 FORCE FEED OIL CAN.
Seamless Steel Body, Screw Filler, Patent Pump and Valve Box.
Size .. 33/- 33/9 37/6 40/6 dozen.
3/- 3/1 3/3 3/6 each.



No. PHS 9919 Machine Made Oil Can. Very strong.	Size	1	1 1/2	2
Tin ..	12/9	13/3	14/3	15/9
	1/2	1/3	1/4	1/5
Strong Copper or Brass Sheet, } 27/- 30/- 33/- 39/- 40/-	2/4	2/7	3/-	3/4
Polished ..				3/6



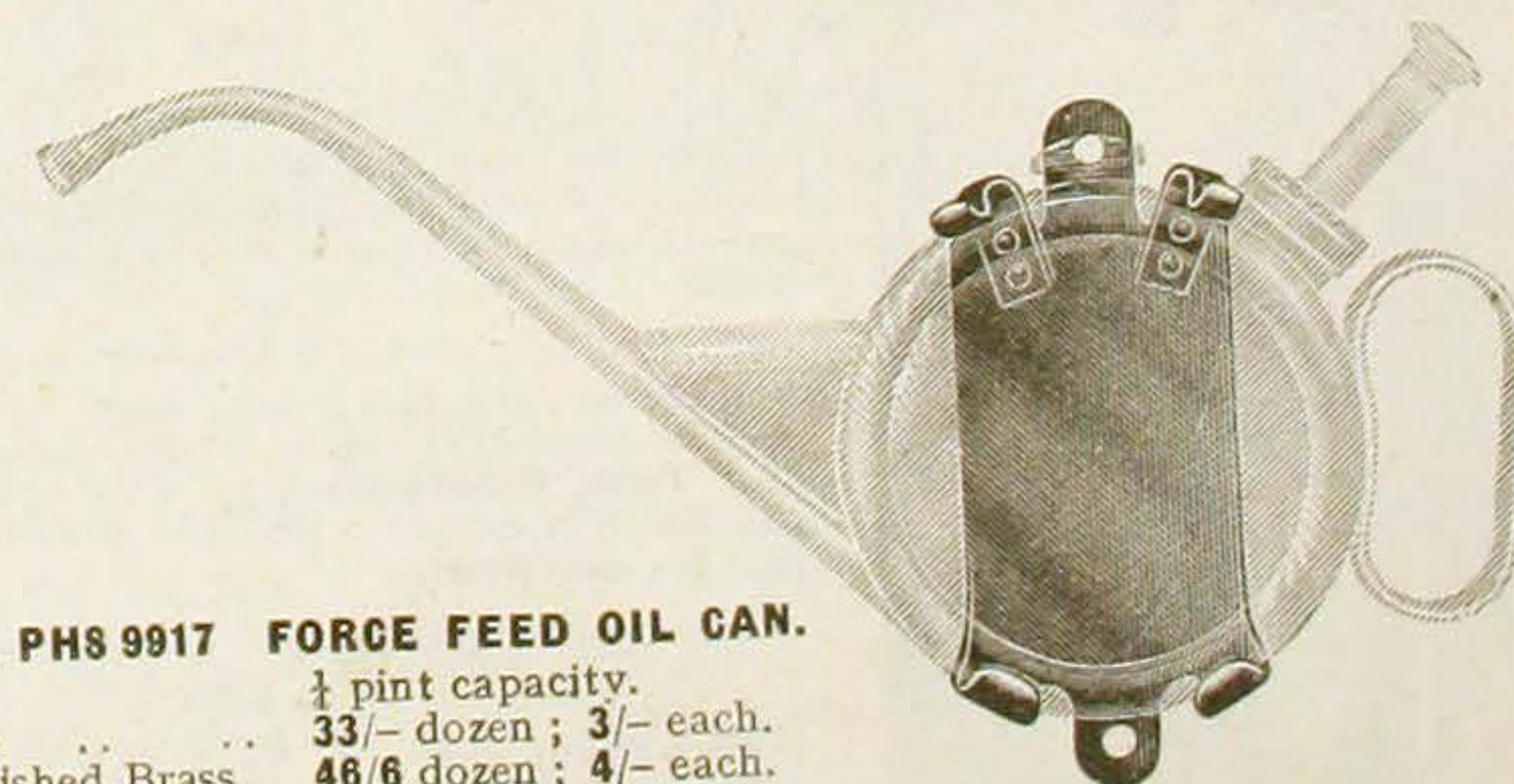
**No. PHS 9920
GOVERNMENT STAMPED MEASURE.**
New Design, and very heavy construction.
1/2 pint. 1 pint. 1 qt. 1/2 gall. 1 gall.
18/- 20/3 27/- 40/6 67/6 doz.
1/9 2/- 2/6 3/6 5/9 each.

No. PHS 9921 OIL BOTTLES.	Brass	Open Bung.	Screw Top.
		dozen.	dozen.
1/2 gall. ..	5/6	6d.	7/-
1 " ..	7/6	9d.	9/-
1 " ..	9/6	1/-	11/-
2 " ..	18/3	1/9	19/6



No. PHS 9917 FORCE FEED OIL CAN.

1/2 pint capacity.
Tin .. 33/- dozen ; 3/- each.
Polished Brass 48/6 dozen ; 4/- each.
Japanned Steel Clip for holding, 4/6 dozen ; 5d. each.



Self-Generating Lamps and Burners for Burning Naphtha, Paraffin, Benzoline and Petroleum Oils



No. PHS 9900



No. PHS 9901



No. PHS 9923

With Plain Malleable Iron Hook as shewn.

$\frac{1}{2}$ pint.	$\frac{3}{4}$ pint.	1 pint.
63/6	74/3	99/- dozen.
5/6	6/6	8/6 each.

With Cup and large rigid Wrought Handle cast in.

$\frac{1}{2}$ pint.	$\frac{3}{4}$ pint.
74/3	87/9 dozen.
6/6	7/9 each.

WOVEN WICK.

No. PHS 9924

Made up in bundles and cut in lengths ready for use.

Size $\frac{1}{8}$ "

Suitable for small lamps.
24 pieces, 7 $\frac{1}{2}$ " long in each bundle, 1/6 $\frac{1}{2}$ per bundle.

Size $\frac{1}{4}$ ".

Suitable for No. PHS 9923 Torch Lamp in $\frac{1}{2}$ and $\frac{3}{4}$ pint sizes.
25 pieces 8" long in each bundle, 3/1 per bundle.

Size 1 $\frac{1}{4}$ ".

Suitable for No. PHS 9900 and No. PHS 9923 Torch Lamp in 1 pint size. 6 pieces 16" long in each bundle, 3/1 per bundle.

Size 2".

Suitable for No. PHS 9901 Trench Pattern Lamp. 3 pieces 18" long in each bundle, 4/4 per bundle.

Loose Torch Wick for Nos. PHS 9902-3 can be supplied if desired. Prices on application.

No. PHS 9900

Well's No. 18 Sheet Steel Kettle Torch Lamp. Holds about 3 pints. 1 $\frac{1}{2}$ " wick. Burns approx. 8 hours, 15/- each.

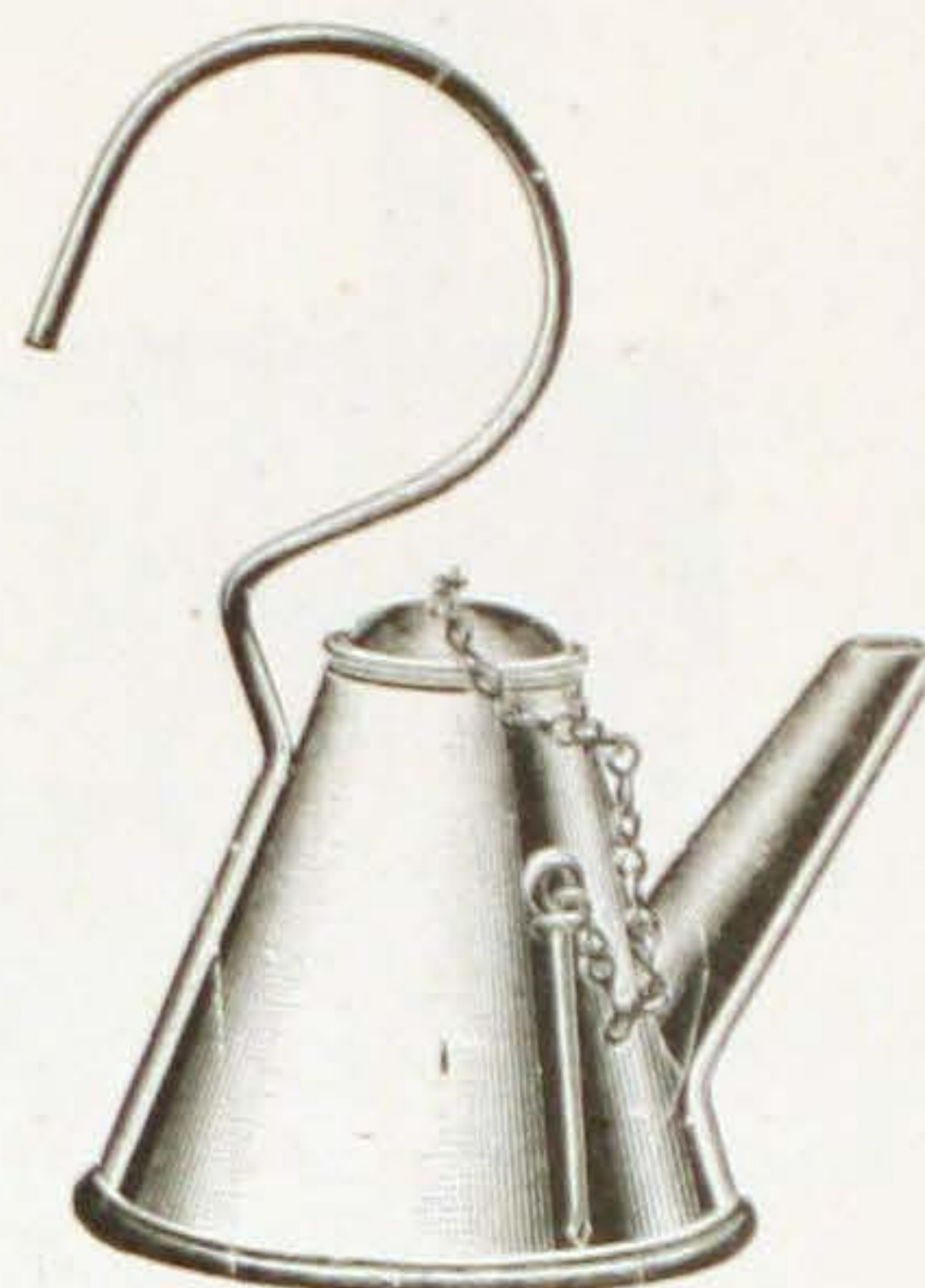
No. PHS 9901

Sheet Steel Large Trench Pattern Holds 5 pints, long spout, 2" wick, 24/9 each.

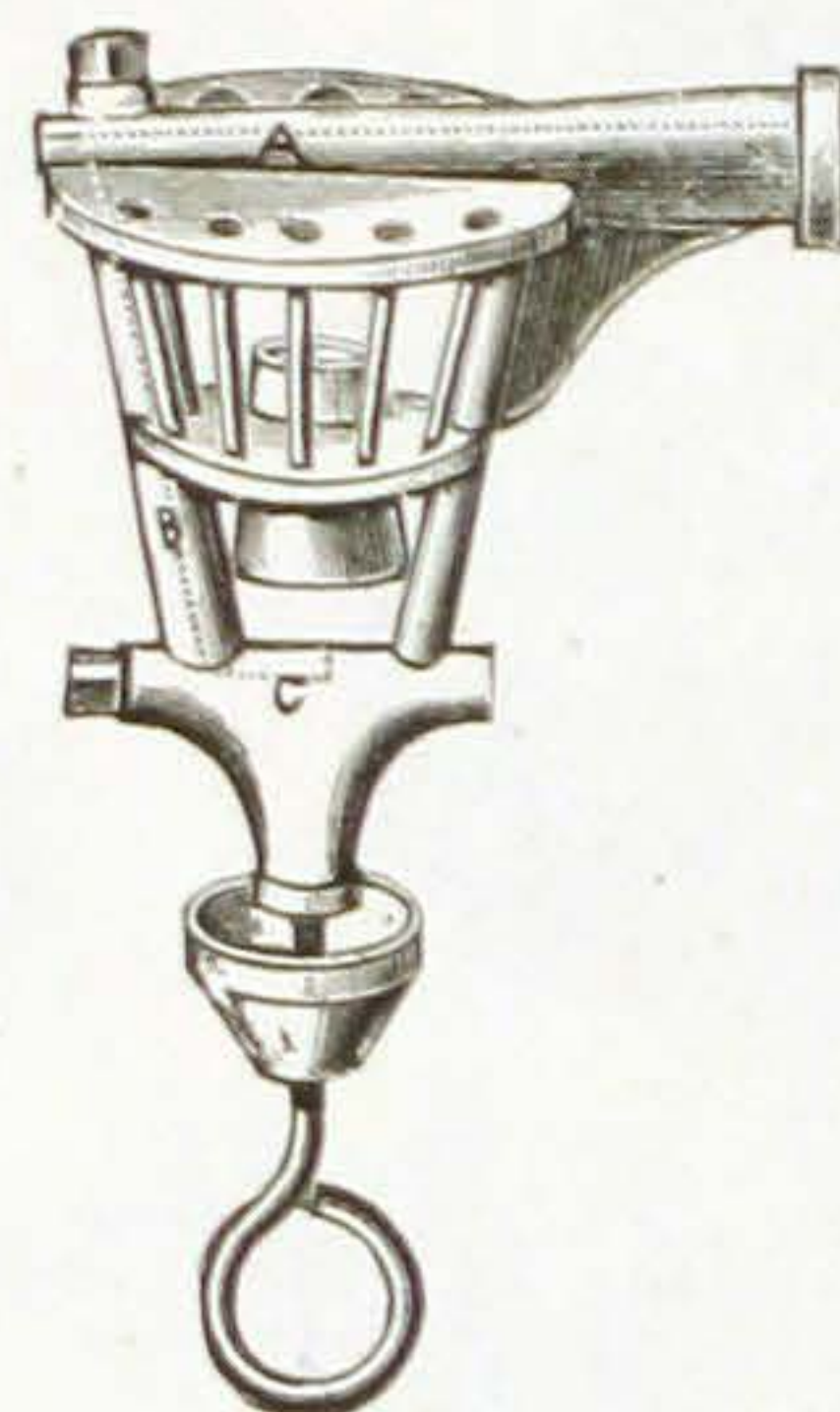
Both burn ordinary Petroleum.

No. PHS 9923

Single Torch Lamp in Malleable Cast Iron. Specially designed for burning heavy vegetable oils, which do not smoke, but paraffin and petroleum are often burned in them. As engine room, bunker and stoke-hold lamps they are unsurpassed, being used by the leading firms on land and sea.



No. PHS 9902



Paraffin Burner.

No. PHS 9904

19/3 dozen, 2/- each.
30/- dozen, 2/9 each.
brass, 24/9 dozen, 2/6 each.

No. PHS 9905

Paraffin Lamp with No. PHS 9904

Naphtha Burner, $\frac{1}{2}$ "

Inclusive of Burner.

4 pint 105/- dozen, 9/- each.

6 pint 120/- dozen, 10/6 each.

With Seamless Steel Bodies,

inclusive of Burner.

4 pint .. 12/9 each.

6 pint .. 18/9 each.



No. PHS 9906 Patent Removable Barrel Pour for emptying casks without pump, tap or stillage.

Iron .. 19/3 each. Brass .. 30/6 each.

The malleable combined clamp and air vent is inserted in the bung. The clamp portion has a boss at one end through which the screw passes, the other end of the clamp has a cored hole which allows the air to enter the barrel and so ensures an even flow of the contents over the cast iron lip. In order to make a tight joint between this lip and the Barrel a rubber pad is let into a groove in the lip. This rubber is of special section and is dovetailed into the groove, so that it cannot easily be lost. To accommodate the various sizes of Barrels in which the Pour can be used it will be noticed that the lip is pivoted on to two arms of the clamp portion. The action of screwing the clamp screw down automatically forces the lip to form a seating on the barrel, any unevenness being made good by the rubber pad.

No. PHS 9908

Oil Storage Cabinet.

Made in five sizes.

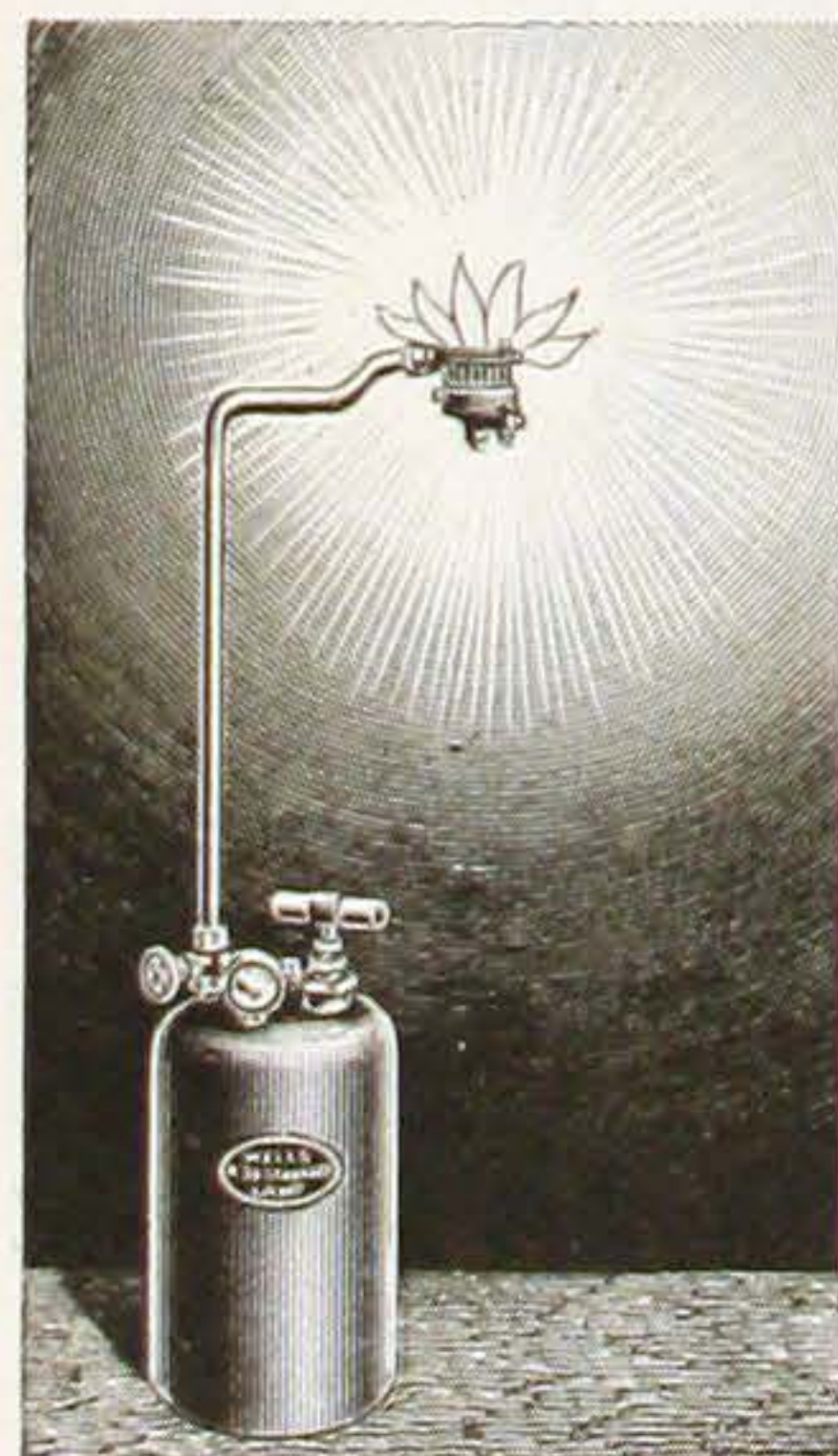
Best Quality. Cabinets, lettered with brand of oil, free of charge to order.

No. PHS 9908

Size	Capacity.	Height (Top included)	Diameter.	Price Including Crate, which is not returnable.
A	50 gallons	3' 7 $\frac{1}{2}$ "	2' 2 $\frac{1}{2}$ "	£3 15 0
B	30 "	3' 3 $\frac{1}{2}$ "	1' 9 $\frac{1}{2}$ "	£3 7 6
C	20 "	3' 2 $\frac{1}{2}$ "	1' 6 $\frac{1}{2}$ "	£3 5 0
D	12 "	2' 8 $\frac{1}{2}$ "	1' 4 $\frac{1}{2}$ "	£3 2 6
E	6 "	2' 0"	1' 2 $\frac{1}{2}$ "	£3 0 0

Crates and Delivery Free to any Railway Station in the United Kingdom.

*Stocked only in 50 gallon size.



No. PHQ 9907

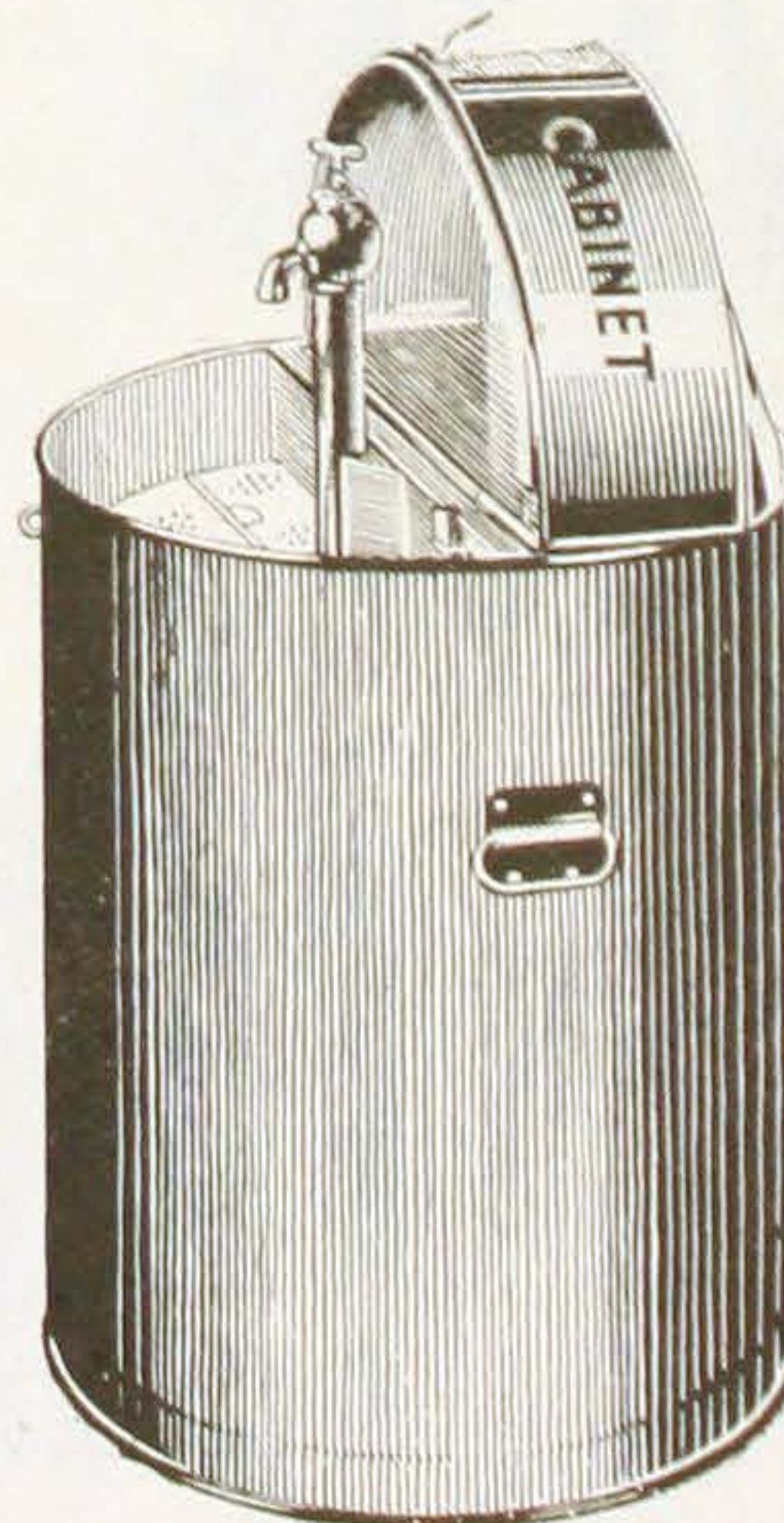
WELLS' No. 50 STANDARD OIL GAS GENERATING LAMP.

These Lamps have been designed to meet the need of a simple and cheap light which will not blow out in a wind. We can confidently recommend them to Engineers and Contractors and for all classes of industrial work.

The Burners are similar to those used on Well's well-known Oil Gas Generating Lamps, producing a light of some 200 candle power from ordinary kerosene oil. Tank, Welded Steel, 15" x 18". Capacity 2 gallons (working capacity). The lamp with one burner will run for Six Hours.

Arranged with One or Two Burners as desired.

With 1 Burner, £5 8 6; with 2 burners £6 1 0 each.



Glue, Glue Pots, Tea Kitchen, etc.



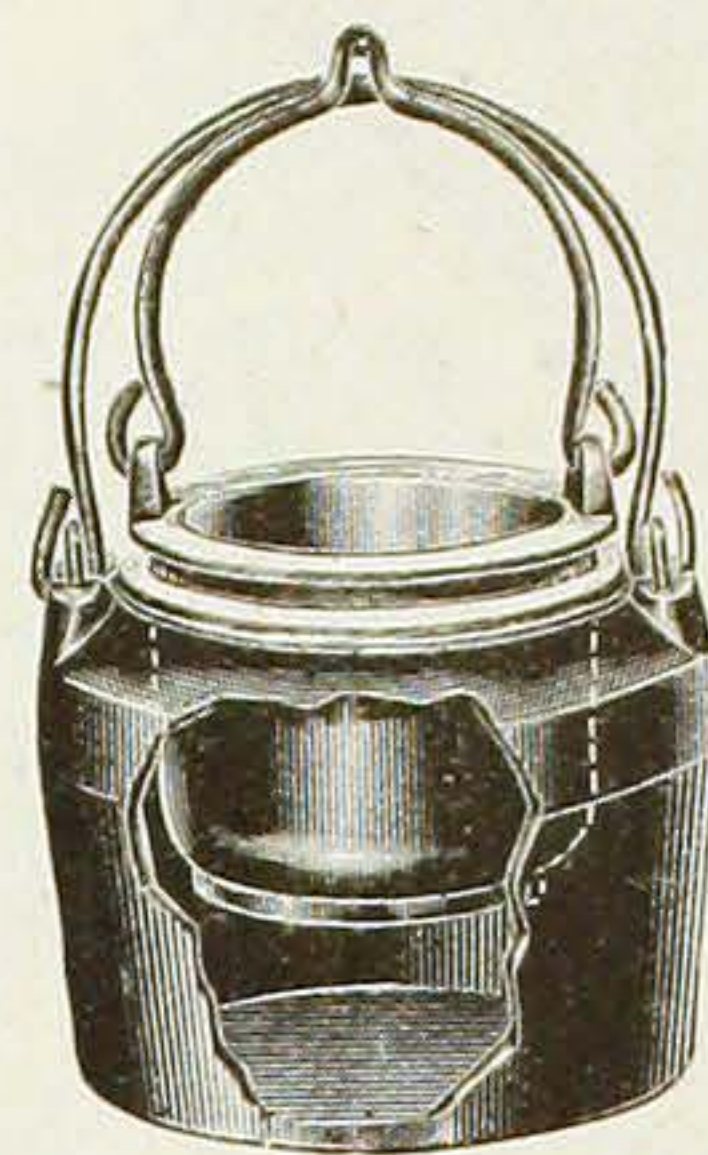
CROID LIQUID GLUE.

No. PHS 8885

Size	1lb. tins	8 oz.	4 oz.	2 oz.	Tubes, large.	Tubes, small.
Standard strength	30/-	18/-	11/-	6/-	6/-	2/- dozen.
Extra Strong	36/-	24/-	13/-	7/-	—	—
Size	7 lb.	14 lb.	28 lb. tins.			
Standard strength	7/5	12/9	24/6 each.			
Extra Strong	9/5	16/9	32/6			

No. PHS 8886	Bear Gelatine	...	90/- per cwt.
No. PHS 8887	Bright Square Glue	...	73/6
No. PHS 8888	Brilliant Square Glue	...	63/-
No. PHS 8889	A.A. Medal Glue	...	66/-

Prices subject to market fluctuations.



GLUE POT. (Regd.)

No. PHS 8890

The Inner Pot is round at bottom and stands on an annular foot. It is provided with a special Bail Handle of registered design which can be hooked over handle of the outer vessel, in order to allow the steam to escape, and prevent water boiling over.

The outer Vessel or Kettle has specially-designed lugs, which ensure the handle remaining in an upright position when Glue Pot is on a fire or stove. The handle is thereby kept cool and clean, as it does not come into contact with heat or contents of glue pot.

No. PHS 8890

Size Nos.	8/0	6/0	4/0	3/0	2/0	0	1	2	3	4
Capacity	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2 pints.
Price	2/8	3/1	3/7	4/-	4/5	4/10	5/7	6/11	8/5	10/3 each.
Size Nos.	5	6	7	8	9	10	11	12	13	14
Capacity	3	3 1/2	4	5	6	8	12	16	20	24 pints.
Price	11/9	13/6	15/6	17/-	19/9	23/6	29/-	34/-	39/6	47/6 each.



TEA KITCHEN.

Tinned.
Cast Iron.

No. PDO 8776

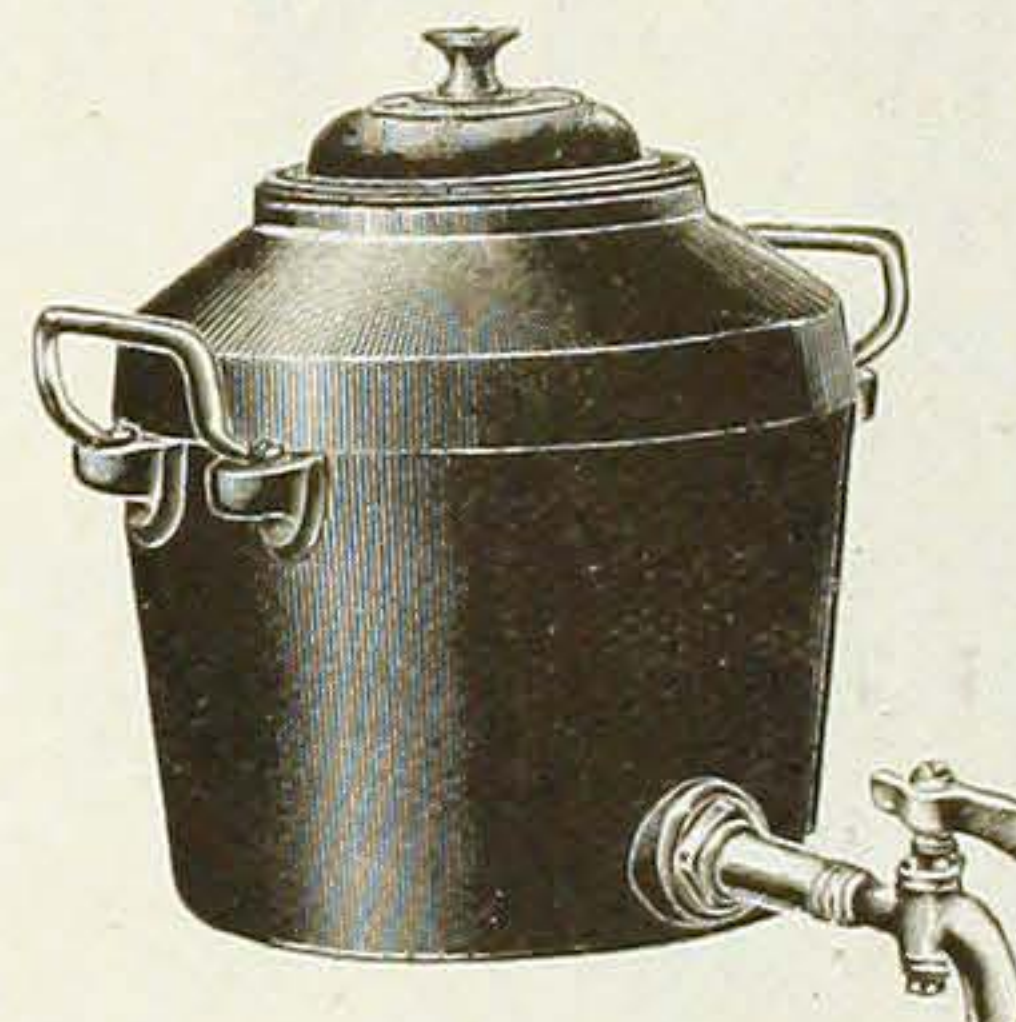
With Bail Handle and Long Tail Brass Tap.

Capacity	1/2	3/4	1	1 1/2	2	2 1/2	3	3 1/2
Price	22/6	23/9	25/-	27/-	29/-	31/6	34/9	36/9 each.

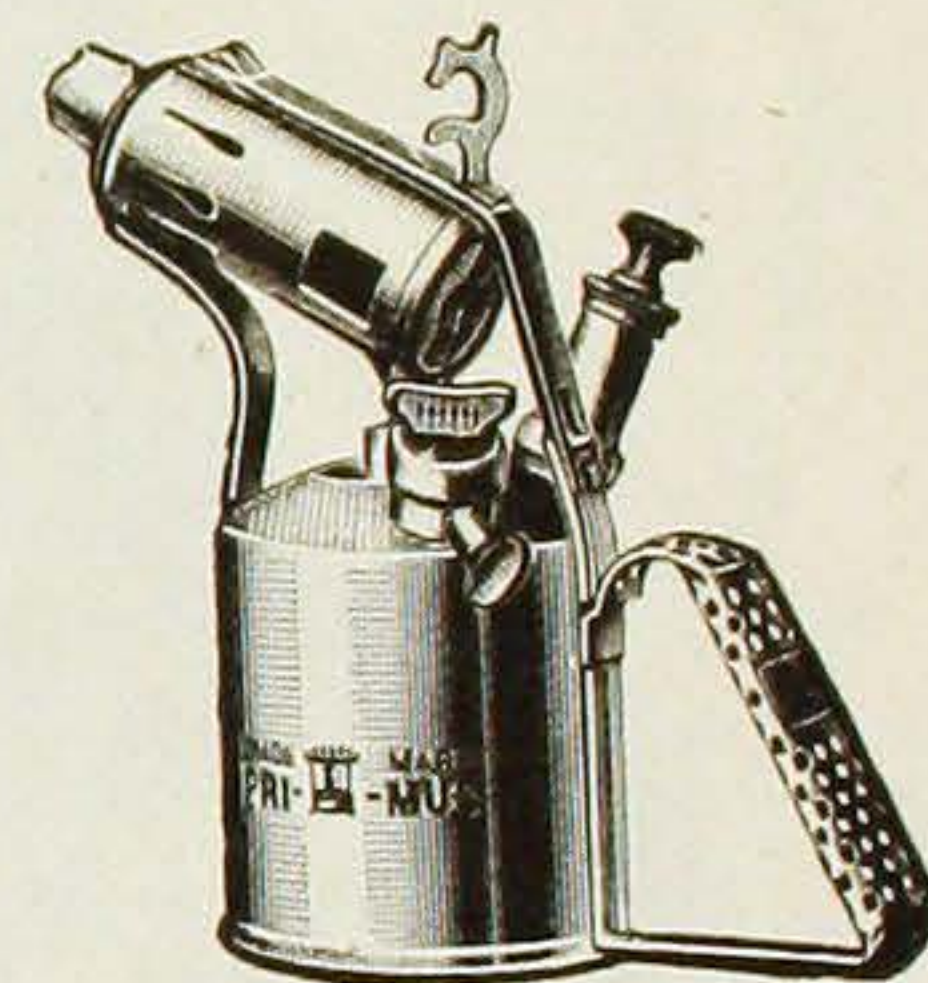
Capacity	4	5	6	7	8	9	10	12
Price	38/9	42/8	49/3	55/3	60/6	68/3	73/6	86/9 each.

TEA KITCHEN. No. PDO 8775

With Bow Handles and long Tail Brass Tap.
Tinned. Cast Iron.



PLUMBERS' BLOW LAMP, with support for Soldering Iron. Brass Tank.



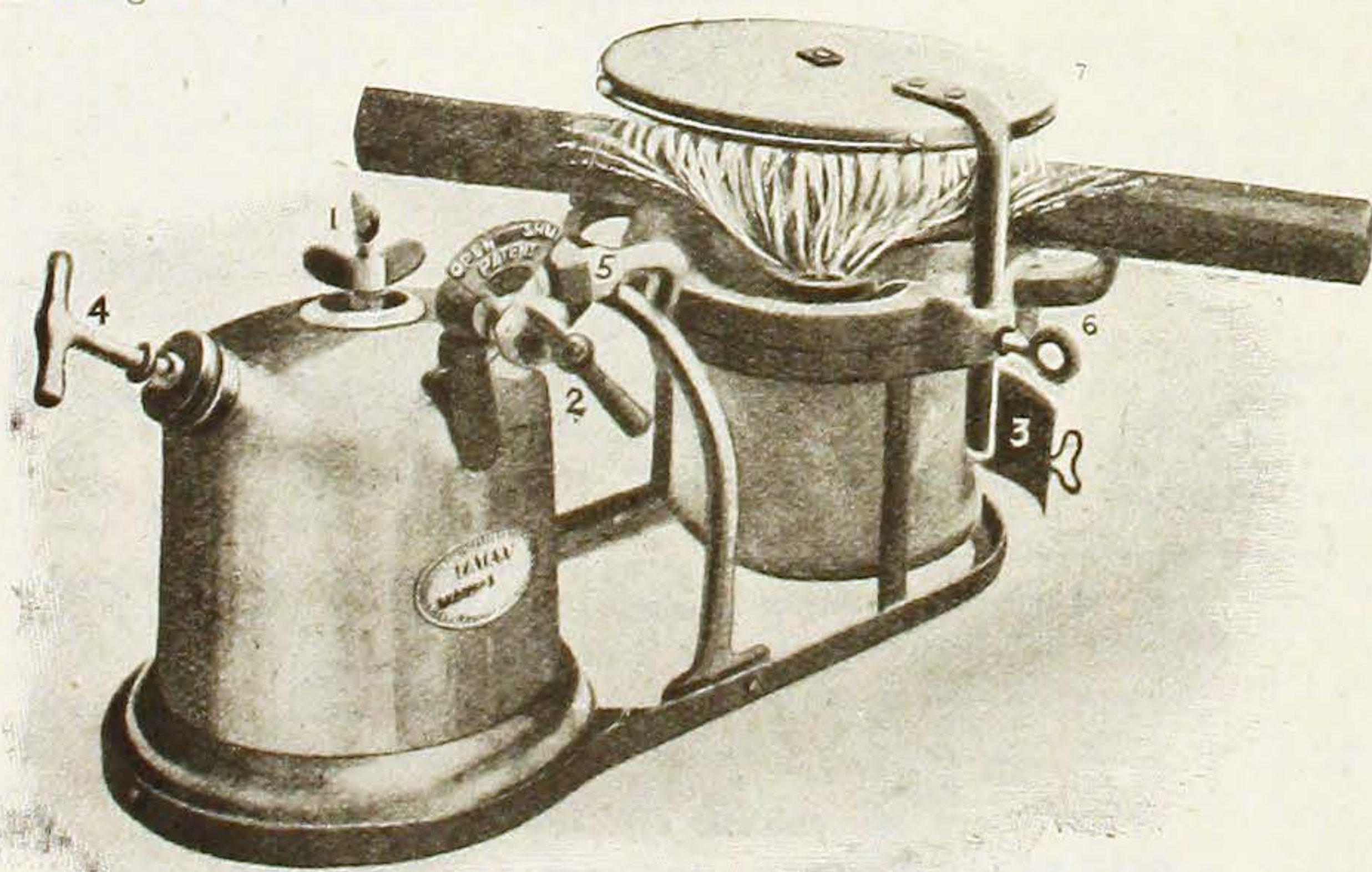
No. PHS 8891

Size	1 pint	...	17/- each.
"	1 1/4	"	19/-

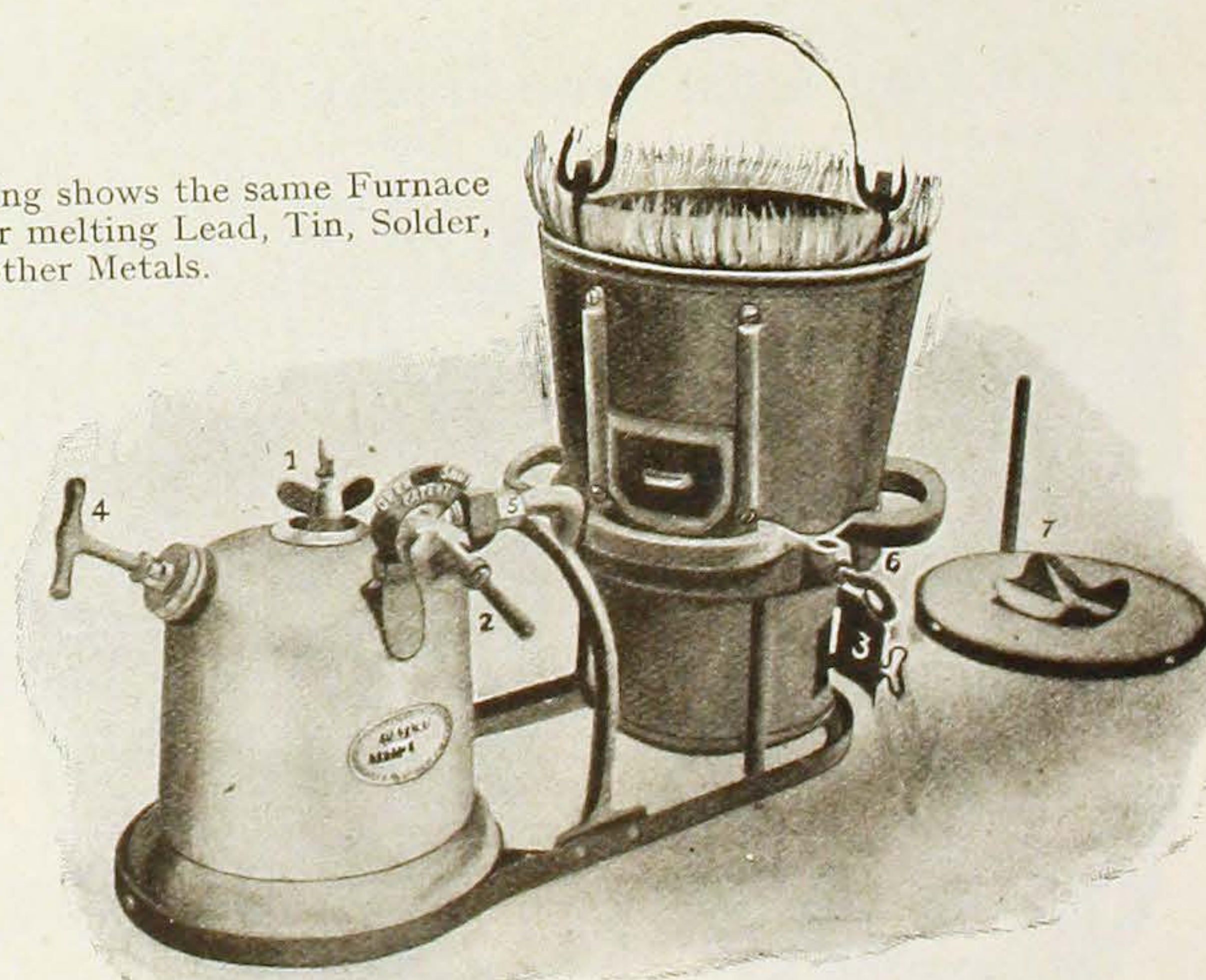
PATENT PORTABLE OIL BLAST FURNACE

Latest Improved Model (Horizontal Pattern). By Royal Letters Patent. This Furnace, of which we show two drawings, is fitted with moveable Top, so that by releasing screw (No. 6), and lifting off Cover on Pipe Bending Furnace (A), and placing on Loose Top, it is immediately converted into Machine for heating metals (B).

This drawing shows Furnace (A) suitable for heating pipes for bending purposes, or for heating Copper Bits, Plumbing Irons, Branding Irons, etc.



This drawing shows the same Furnace suitable for melting Lead, Tin, Solder, Zinc and other Metals.



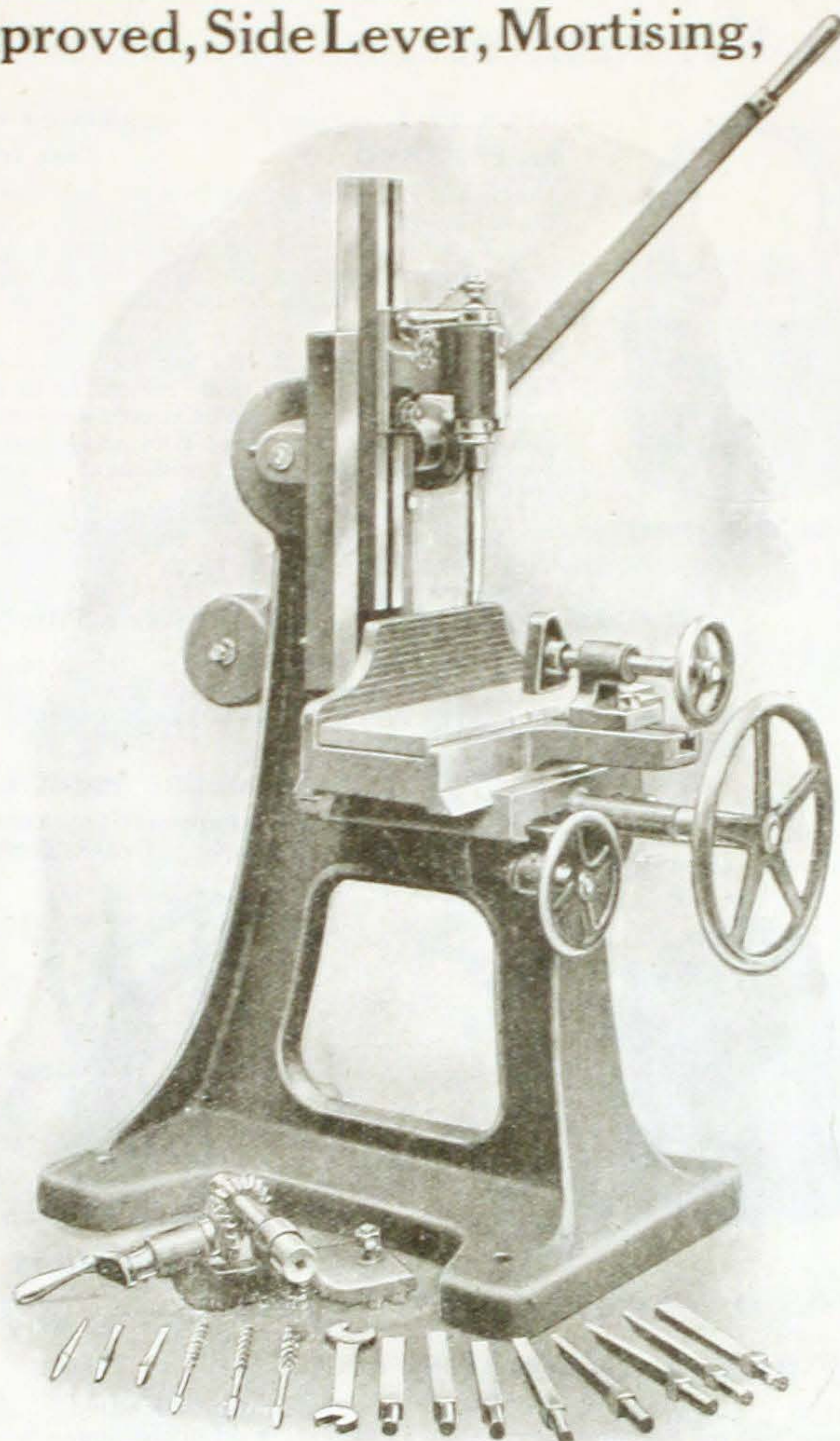
This Furnace has numerous advantages and can easily be carried from place to place, and at once got to work. Each machine is fitted with Valve for regulating flame, so that a lower heat may be obtained, and metals or pipes can be kept at any desired temperature for any length of time. The Vaporiser may be lifted out when required simply by unscrewing Union (No. 5) without interfering with any other parts. Burns common Paraffin Oil, and will melt one cwt. of lead with only one burner. Always ready for use.

No.	DCS 3370	DCS 3371	DCO 3372	DCO 3373	DCO 3374	DCO 3375
Furnace will heat	1/4" to 1"	1 1/2"	2"	2 1/2"	3"	4" pipe ready for Bending
Ready for use in	10 lbs.	16 lbs.	28 lbs.	56 lbs.	1 cwt.	2 cwt. metal.
Price	£6/15/-	7 13 9	8 11 6	11 16 6	16 5 3	20 13 9

PHS, DCS—Stock Lines ; PDO, DCO—To Order only.

" B " Basis, except Glues, which are " A " Basis.

Improved, Side Lever, Mortising,



Boring and Tenoning Machine

This Machine of the latest pattern, is suitable for working in hard and soft woods; the frame is a heavy casting in one piece, with ample base, absorbing all vibration.

The Table is of standard compound pattern, with longitudinal motion by large hand wheel, rack and pinion, and lateral motion by hand wheel and screw; all movements are in "V" slides, which are adjustable to take up the wear.

The most important improvement consists of fitting to the chisel box the special reversing action which gives an unfailing true reverse, a feature absolutely essential for accurate work.

We specially recommend the Self-coring Chisels for easy working, the slight extra cost is quickly repaid by better and quicker work produced.

No. PHS 8365

Takes in wood, 16" x 7" Stroke of machine, 6". Weight 4 cwt. 2 qrs.

Price, including eight best steel Solid Chisels $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", 1", 1", 1", 1", 1" and 1" core drifter and spanner, ... £20 18 6

If with best quality self-coring Chisels, no core drifters, ... £22 5 6

Boring Apparatus as shown, with $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" Augers, $\frac{1}{2}$ ", 1" drills, extra £3 7 6

Tenoning Tool ... £3 14 3

Venetian Blind Punch and Die ... £1 7 0

Cast-iron Fullway Sluice Valves

With Screwed and Flanged Ends.

SPECIFICATION.

Body, Gate, Cover and Gland are of finest grey homogeneous Cast-Iron.

Accurately machined faces are of Gun-metal forced into machined recesses in body and tapered gate, and thereafter handscraped to a perfect bearing surface.

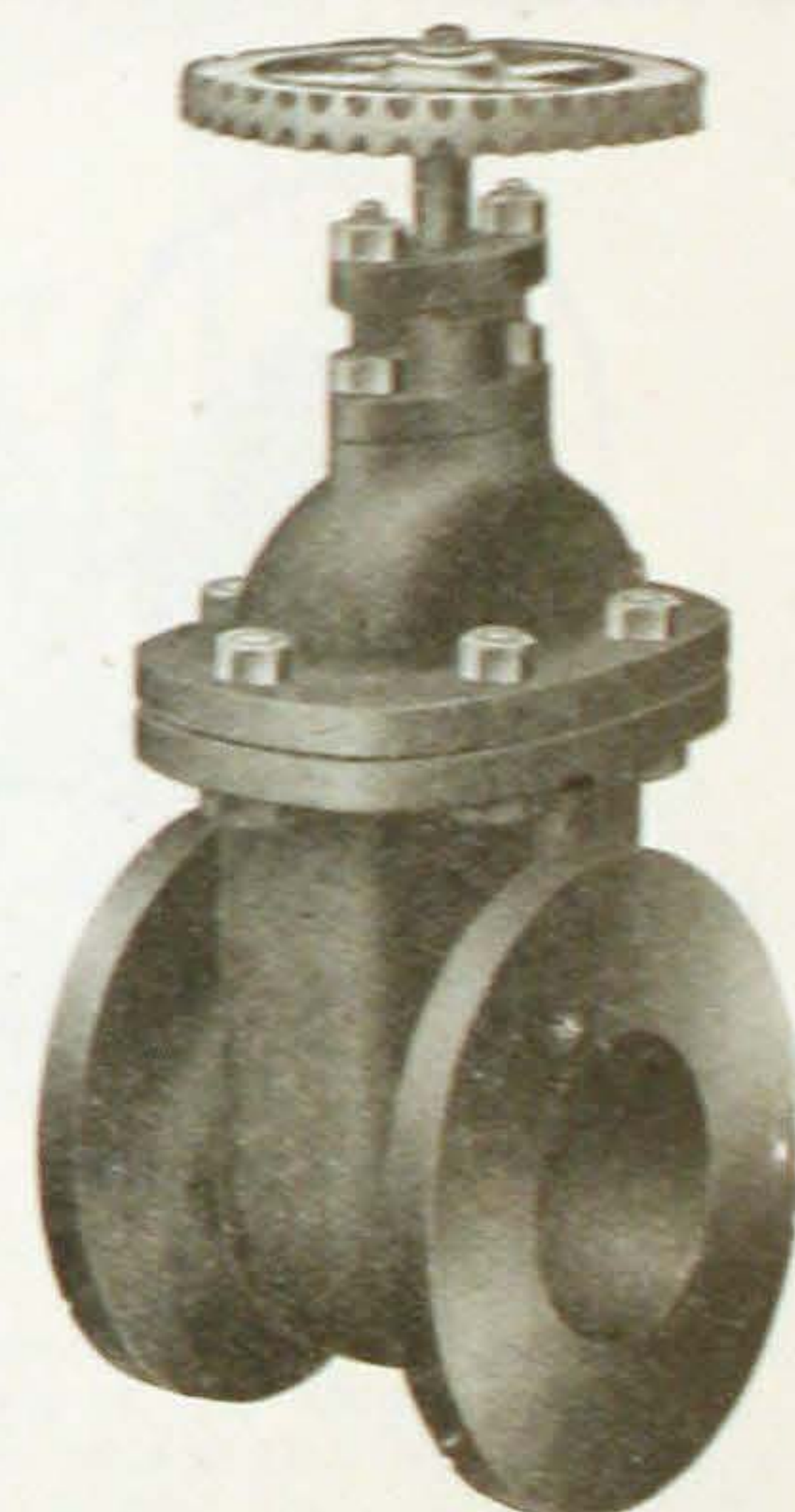
Spindle of 28/30 tons tensile solid forged bronze with double start thread.

Cast-iron fluted rim hand wheel.

All valves close by turning thus—→

Each and every valve up to 7" size inclusive is carefully tested to 300 lbs. per sq. inch and proved sound and tight before leaving works. 8" to 12" sizes inclusive are tested to 200 lbs. per sq. in. Where customers require 8" to 12" valves tested to 300 lbs. per sq. in. a heavier pattern to fulfil these requirements can be supplied. Particulars on application.

For prices please see below.



Strong Cast Iron Tidal Flaps

Circular Pattern, with Flat Backs and Machined Faces.



No. PSO 4311

Medium Pattern. With Link Hinges.

No. PSO 4310

Medium Pattern.

No. PSO 4310	Size	3"	4"	6"	9"	12"	15"	18"	21"	24"
Plain	10/8	11/9	14/-	21/3	38/8	46/9	65/6	110/-	133/6	each.
Galvanized	12/8	14/6	19/-	30/6	58/3	72/3	106/3	177/-	216/-	"
No. PSO 4311	Size	3"	4"	6"	9"	12"	15"	18"	21"	24"
Plain	—	23/6	26/-	32/9	42/3	70/3	89/-	each.		
Galvanized	—	27/9	30/6	44/3	63/3	98/6	131/6	"		

When ordering please state if required for connecting to iron or stoneware pipes.

No. PSO 4303

FLANGED ENDS.

Size	1½"	2"	2½"	3"	3½"	4"	5"
Price each	40/9	44/-	48/7	60/1	70/2	83/3	104/-
Weight each—Lbs.	21	29	33	46	53	60	87
Face to Face measure	5½"	5½"	6"	6½"	6½"	6½"	7½"
Centre of body to top of hand wheel	9¼"	10¼"	11¼"	12¼"	12¼"	14¼"	17"
Diameter of Flanges	5½"	6"	6½"	7½"	8"	8½"	10"

Size	6"	7"	8"	9"	10"	12"
Price each	131/8	166/6	195/7	272/9	320/6	448/2
Weight, each—Lbs.	103	144	168	225	256	383
Face to Face measure	8½"	9"	9½"	10"	10½"	12"
Centre of body to top of hand wheel	18½"	21½"	22½"	25½"	26½"	30½"
Diameter of Flanges	11"	12"	13½"	14½"	16"	18"

Flanges are to British Standard Table No. 1.

Drilling of Flanges is undertaken at slight extra charge.

Bolt holes are drilled off centre line unless otherwise ordered.

No. PSO 4302

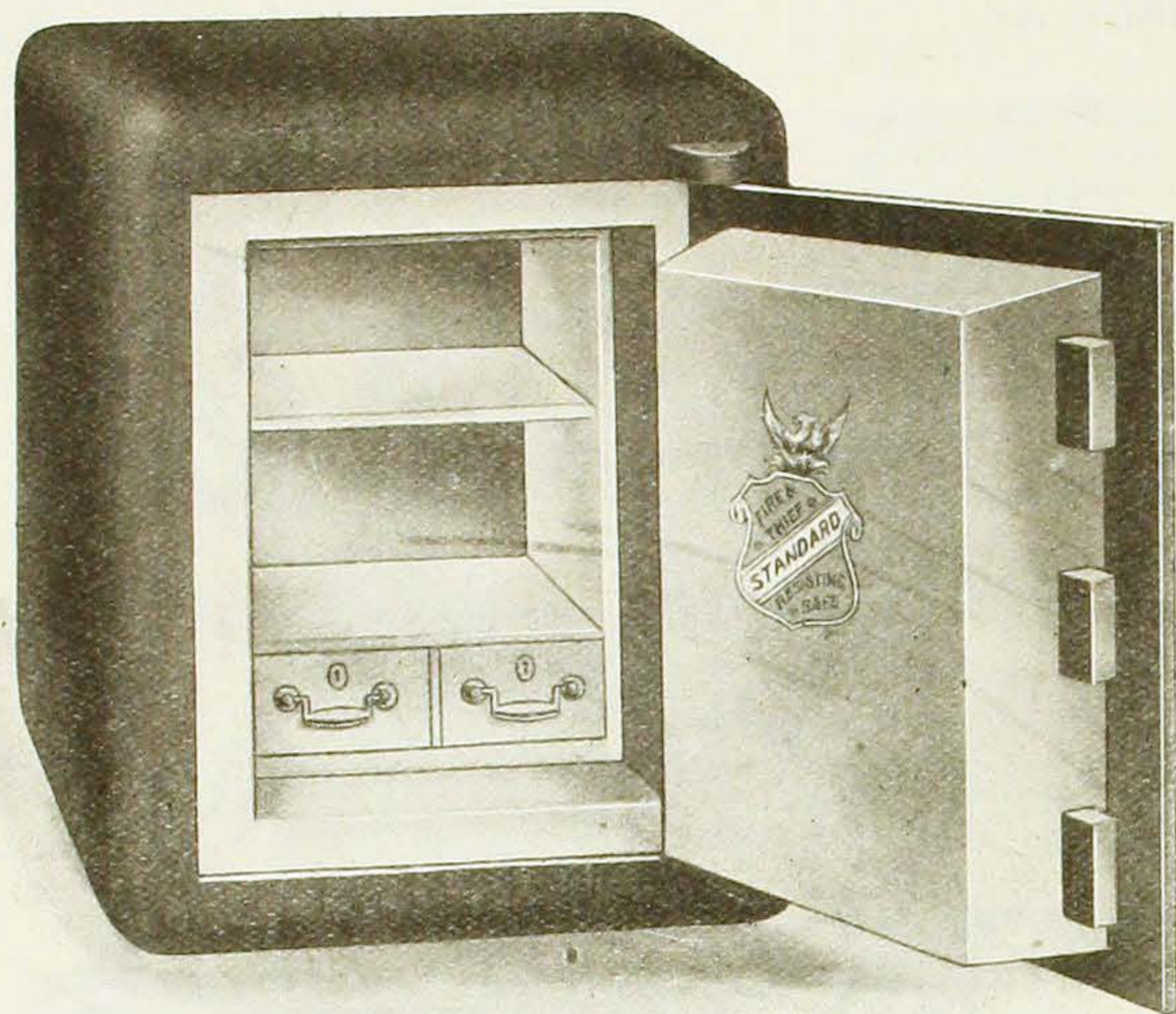
WITH HEXAGON ENDS. SCREWED FEMALE.

Size	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"
Price, each	40/9	44/-	48/7	60/1	70/2	83/3	104/-	131/8
Weight each—Lbs.	20	26	30	43	49	56	82	98
Face to Face measure	5 1/2"	5 1/2"	6"	6 1/2"	6 1/2"	6 1/2"	7 1/2"	8 1/2"
Centre of body to top of hand wheel	9 1/4"	10 1/4"	11 1/4"	12 1/4"	12 1/4"	14 1/4"	17"	18 1/2"

Screwed British Standard Pipe Threads.

Screwed to American Standard Pipe Threads supplied if desired at same prices.

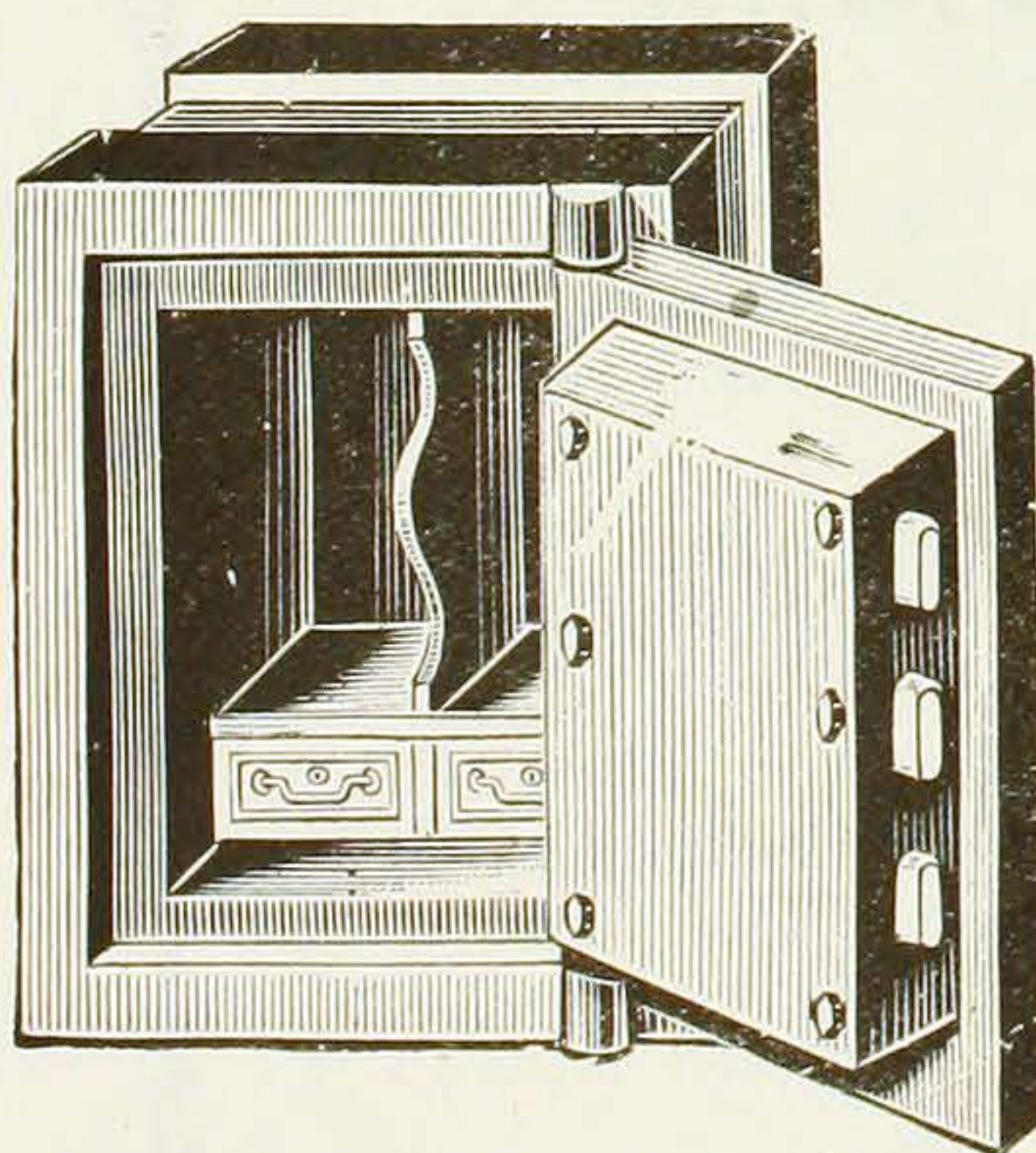
Twelve Corner Bent Solid Steel Fire Resisting Safe



No. PHO 7369 Jointless at all Corners.
BODY.—Tough Steel bent at all twelve corners, the back being built in as the work proceeds, and securely rivetted on the inner face of the back flange; and the front strengthened by a strong bar frame against which the door closes.
LOCKCASE.—On the inner face of the door plate is a substantial wrought steel lock case, fitted with steel sliding bolts and fixed bolts at back.
LOCK.—Improved Lever, unpickable, and Gunpowder-proof.

3 1/2" FIRE-RESISTING CHAMBERS.

Outside.			Inside.			Price		Weight	
High Ins.	Wide Ins.	Deep Ins.	High Ins.	Wide Ins.	Deep Ins.	£ s. d.	cwt. qrs. lbs.		
26	19	19	15	12	10 2 drawers	19 16 9	3	0	0
28	21	21	17	14	"	23 6 9	4	0	0
30	23	23	19	16	"	28 0 0	4	1	0
32	25	25	21	18	"	35 0 0	4	3	0
34	27	27	23	20	"	42 0 0	5	1	0
36	28	27	25	21	"	49 0 0	6	0	0
42	28	27	31	21	18 2 drawers and shelf	58 6 9	8	0	0
48	29	27	37	32	18 2 drawers in centre	68 16 9	8	0	0
54	31	27	43	24	"	77 0 0	10	0	0
60	32	30	49	25	"	86 6 9	14	0	0
72	33	32	61	25	"	122 10 0	21	0	0



Fire and Thief Resisting Safes

BANDED.

No. PHO 7365
Strong Bands, 2" x 1/4"

No. PHO 7366
Stronger Bands, 3" x 1/4"

Outside.			Inside.			Price		Approx. Weight.	
High Ins.	Wide Ins.	Deep Ins.	High Ins.	Wide Ins.	Deep Ins.	£ s. d.	cwt. qrs. lbs.		
20	14	12 one drawer	10 1/2	8	6	8 3 9	9 18 3	1	2 10
22	15	"	12 1/2	9	8	9 6 9	11 6 3	1	2 0
24	17	"	13 1/2	10	9	10 2 3	12 5 0	2	0 0
26	18	"	15	11	9	11 1 6	13 8 3	2	1 0
28	19	17 two drawers	16 1/2	11 1/2	10	12 0 9	14 11 9	2	2 10
30	20	"	18 1/2	12 1/2	11	14 8 9	17 10 0	3	1 20
32	22	"	20 1/2	14	13 1/2	17 2 6	20 15 3	3	3 0
34	23	"	22 1/2	15 1/2	15	18 15 6	22 15 0	4	1 10
36	24	"	24 1/2	17	16 1/2	21 3 6	25 13 3	5	2 0

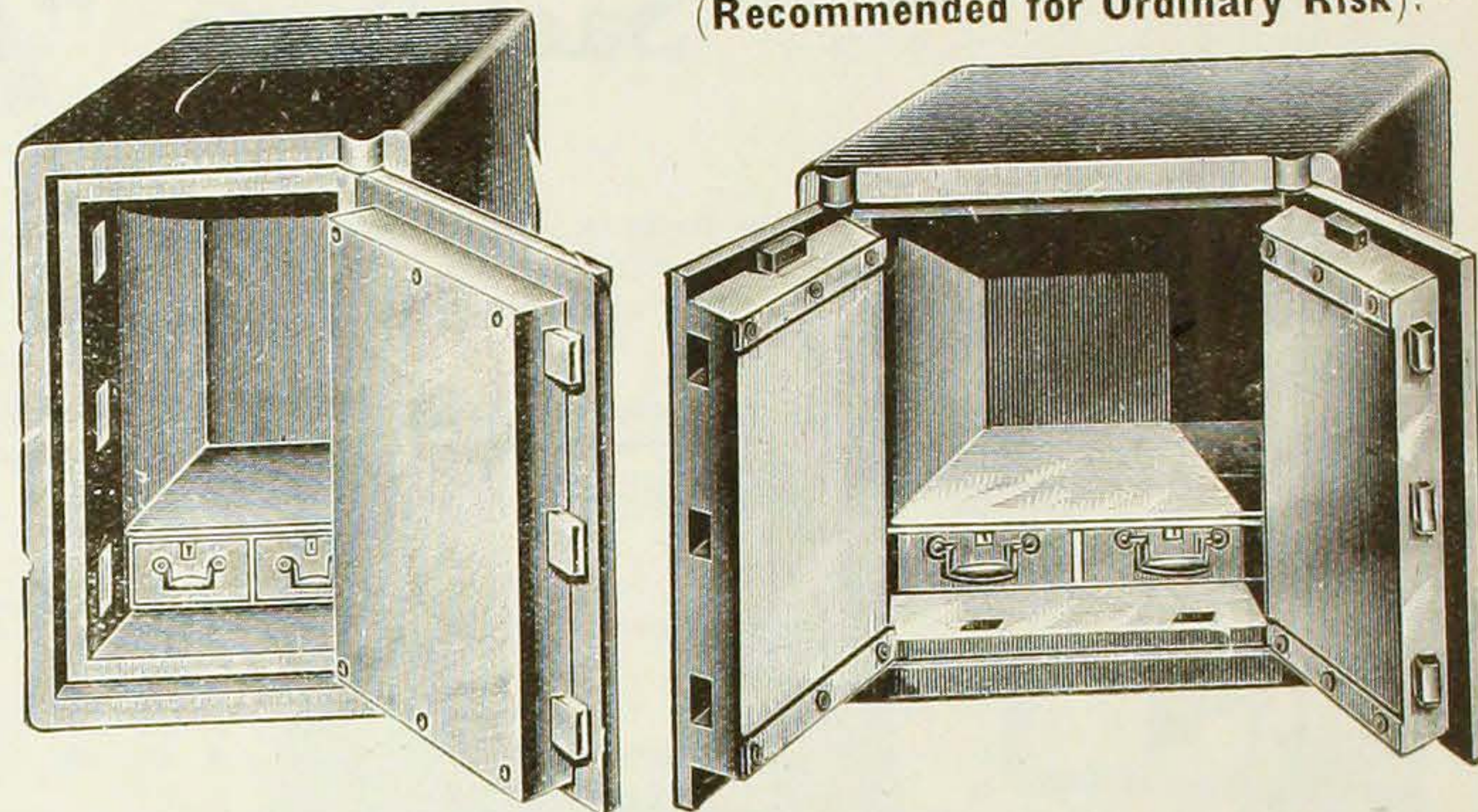
Made up to 72 in., 32 in., 28 in., Outside Measurement.

Outside.			Inside.			Price		Approx. Weight.	
High Ins.	Wide Ins.	Deep Ins.	High Ins.	Wide Ins.	Deep Ins.	£ s. d.	cwt. qrs. lbs.		
24	17	15 one drawer	13	9 1/2	9	11 1 6	13 8 3	2	2 2
26	18	"	14 1/2	10	9 1/2	12 4 6	14 16 3	2	3 0
28	19	17 two drawers	16	11	11	13 19 3	16 18 4	3	0 0
30	20	"	18	12	12	15 8 0	18 13 4	3	2 0
32	22	"	20	15	13 1/2	16 17 0	20 8 4	4	0 0
34	23	"	22 1/2	16	15	19 5 0	23 6 8	4	3 0
36	24	"	24 1/2	17	16 1/2	25 0 6	30 6 8	5	3 0

PHO—To Order only.

Fire Resisting Safes

(Recommended for Ordinary Risk).



No. PHO 7363

These Safes are made from specially prepared steel and iron plates, and are filled with a composition which, upon coming in contact with Fire, generates moisture. They are made round at the corners. The Safes with partition down centre act as two Safes.

Outside.			Inside.			Price		Approx. Weight.	
High Ins.	Wide Ins.	Deep Ins.	High Ins.	Wide Ins.	Deep Ins.	£ s. d.	cwt. qrs. lbs.		
20	14	12 one drawer	11	8 1/2	6	6 14 9	8 3 3	1	0 0
22	15	"	13	9 1/2	8	7 14 0	9 6 9	1	1 0
24	17	"	14	11	8	8 13 3	10 10 0	1	2 14
26	18	"	15 1/2	11 1/2	9	9 12 6	11 13 3	2	0 0
28	19	17 two drawers	17	12	10	10 11 9	12 16 9	2	2 0
30	20	"	19	13	11	12 0 9	14 11 9	3	0 0
32	21	"	21	15 1/2	13	13 19 3	16 18 3	3	3 0
34	22	"	23	16	15	16 17 3	19 16 9	4	1 0
36	24	"	24 1/2	17	15	18 15 6	22 15 0	5	0 0

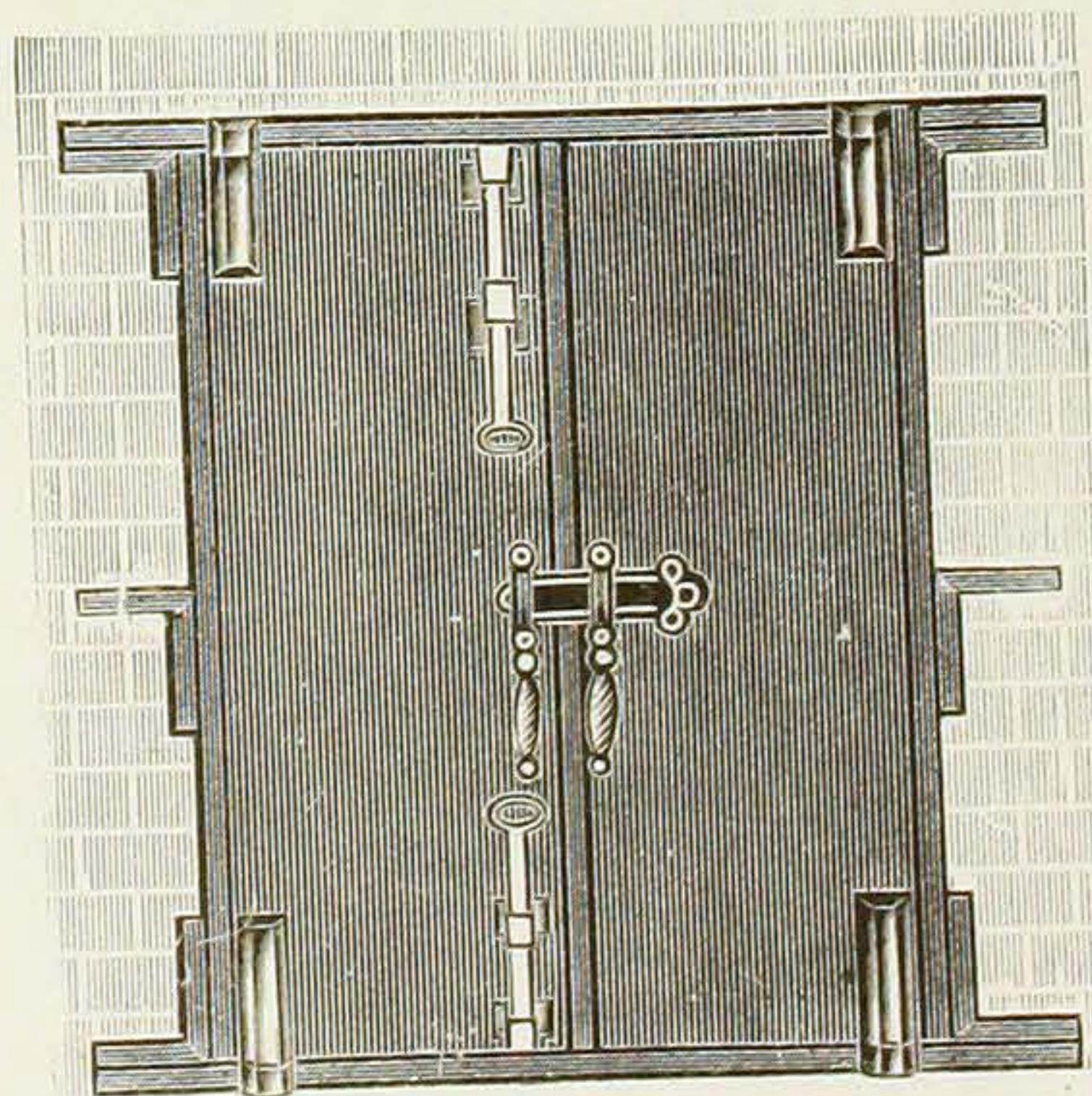
Made up to 72 in., 32 in., 28 in., Outside Measurement.

No. PHO 7364 Double Door.

Outside.			Inside.			Price		Approx. Weight.	
High Ins.	Wide Ins.	Deep Ins.	High Ins.	Wide Ins.	Deep Ins.	£ s. d.	cwt. qrs. lbs.		
24	24	18 two drawers	14	17 1/2	11	15 8 0	18 13 3	3	0 0
30	30	"	19	23 1/2	13	23 2 0	28 0 0	4	3 0
36	36	"	25	29 1/2	16	29 7 3	35 11 9	6	2 0
42	36	"	31	29 1/2	16	36 11 6	44 6 9	8	0 0
48	36	"	37	29 1/2	18	46 4 0	56 0 0	10	0 0

If supplied with Vertical Division down centre, 13/3 extra.
If supplied with Vertical Division; double doors having separate locks, making one side for Private use and the other for General Office use, 52/6 extra. Master Keys, 8/9 each extra.
Cases 3 in. larger each way than safes. Made up to 72 in., 42 in., 30 in., Outside Measurement.

Fireproof Steel Partitions & Doors

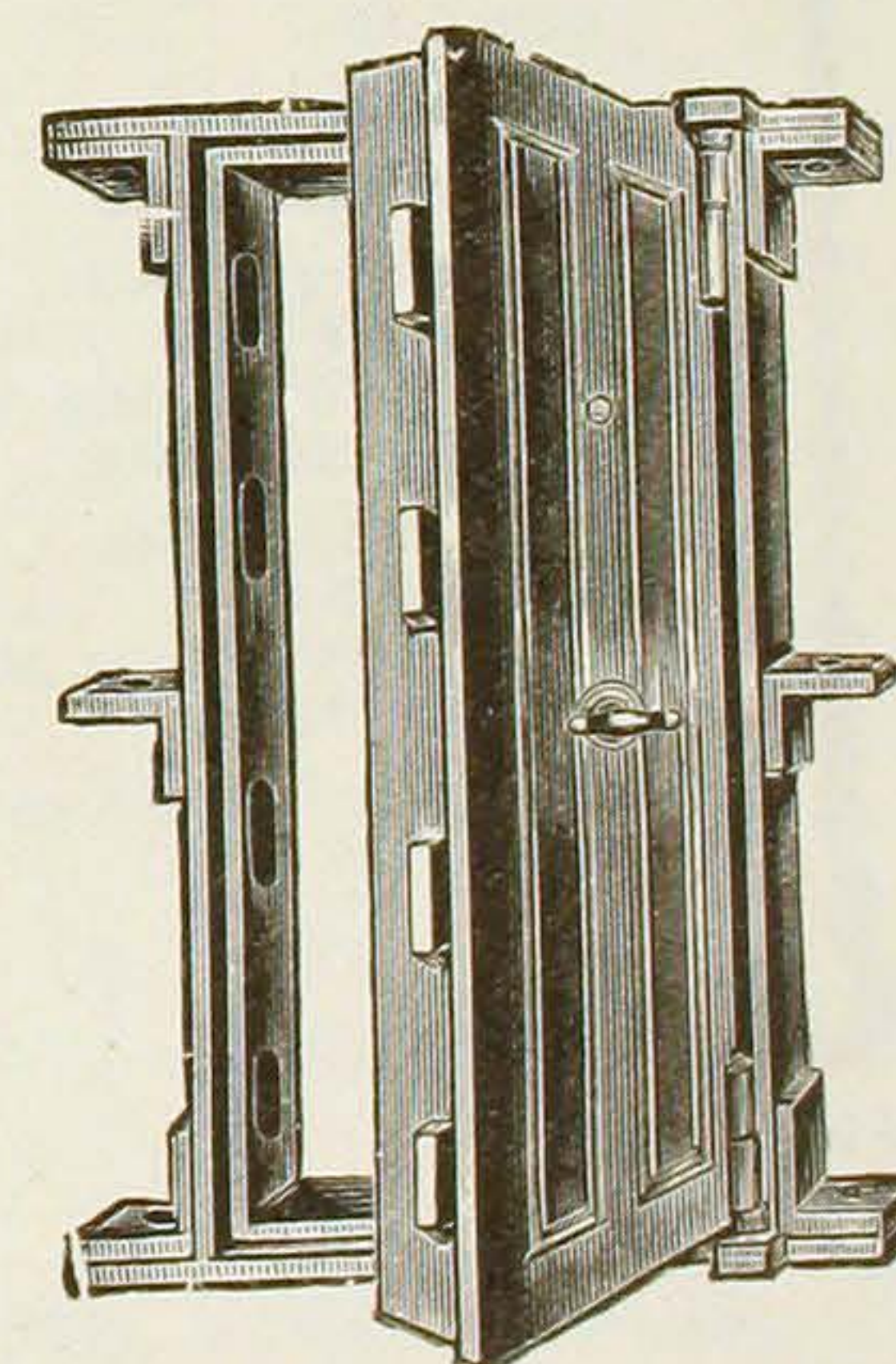


No. PHO 7371

Double Doors.

Frame 2" x 2" x 1/4" angle section.
3-1/4" Styles on both sides making Doors 1/2" thick.

High Wide		Price	
Ft. In.	Ft. In.	£ s. d.	
6	0 x 3	0	28 0 0
6	6 x 3	0	30 6 9
7	0 x 3	6	32 13 3



No. PHO 7370

BANKER'S DOOR AND FRAME.

Frame	Frame	Frame
3" x 1/4"	3" x 1/4"	3 1/2" x 1/4"
2" Square	2" x 1/4"	Rebate
Locking	Locking	2 1/2" x 1/4"
Bar, 1/2"	Bar, 1/2"	1/2" Door.

High Wide		Price	
Ft. In.	Ft. In.	£ s. d.	
6	0 x 2	6	22 3 3
6	6 x 2	6	23 6 9
7	0 x 3	0	28 0 0

High ft. ins.	Wide ft. ins.	£ s. d.	£ s. d.	£ s. d.
6	0	2	30	18
6	3	2	30	18
6	6	2	31	10
6	6	2	32	13
6	6	3	35	0
6	6	3	37	18

Prices of Stronger Doors upon application.

"B" Basis.

"Sack" or "Quick" Hoist

No. PHS 7089
Without Brake.



For Raising SACKS, BARRELS, &c.

This Hoist has been specially designed and constructed to enable one man to raise loads with ease and rapidity into granaries, warehouses, and stores. The action is much quicker than that of other hoists. The Lift-Chain being used at both ends, loads can be raised and lowered with an immense saving of time.

PRICES WITHOUT BRAKE. No. PHS 7089

Tested to	Hoists.	Chains, including Rings or Hooks.
3 cwt. 152 Kilos.	£1 13 9	1/4 per foot. 305 m/m.
5 " 254 "	2 5 0	1/4 " 305 "
10 " 508 "	3 7 6	1/6 " 305 "
*15 " 762 "	4 10 0	1/6 " 305 "

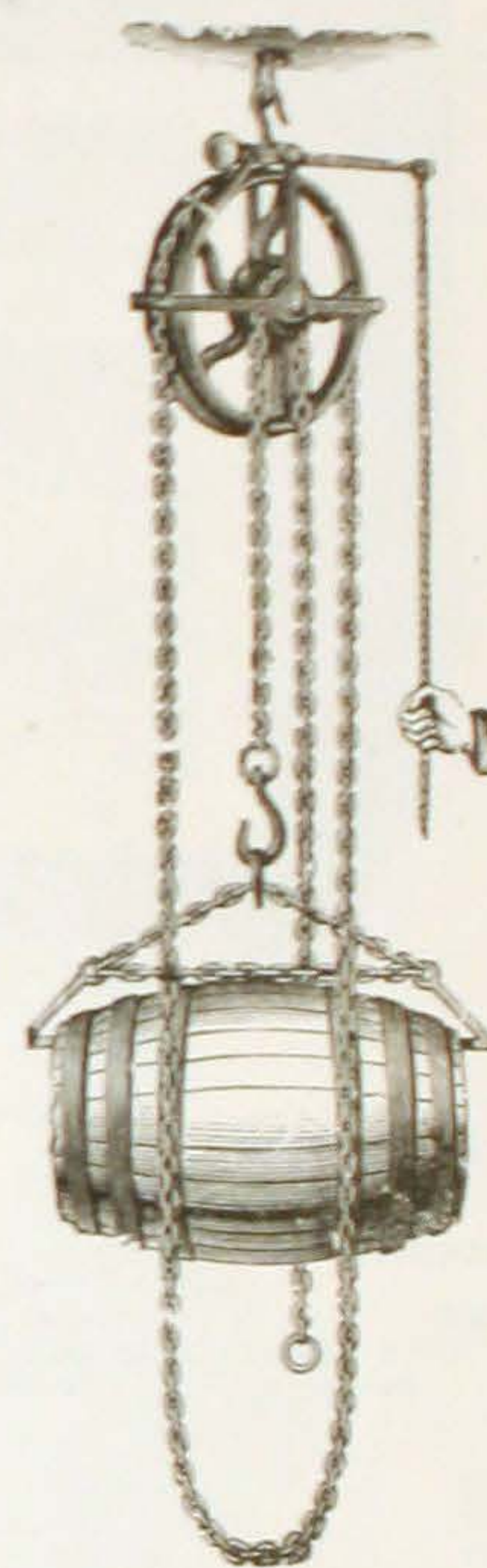
In No. PHS 7103 a very effective Brake is added, which is of great advantage to Grocers, Brewers and Farmers, in lowering boxes, barrels, and bags into carts or cellars. The Brake is composed of a strap of iron passing round the wheel, actuated by a lever with balance weight. The load can be run down rapidly, or lowered slowly, or stopped immediately by pulling the Brake Rope.

PRICES WITH BRAKE. No. PHS 7103 and PHS 7104

Tested To.	Hoists with Brake PH 7103	With Lock Brake PH 7104	Chains, including Rings or Hooks.
3 cwt. 152 Kilos.	£2 16 3	£3 7 6	1/4 per ft. 305 m/ms.
5 " 254 "	3 7 6	3 18 9	1/4 " 305 "
10 " 508 "	4 10 0	5 1 3	1/6 " 305 "
*15 " 762 "	5 6 11	5 18 2	1/6 " 305 "

*The 15 cwt. Hoists are the 10 cwt. size with the addition of a bottom block to increase the power. Three feet of Chain required to every foot to be lifted, excepting for the 15 cwt. size which will require four feet.

No. PHS 7103
With Brake.



SINGLE SLING OR LASHING CHAINS, No. PHS 7110 AND SLIP CHAINS, No. PHS 7111

Trade size of Chain	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 inch.
Actual Do.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 1/2 inch.
Test Load	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	240 cwts.
Max. working load	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	160 cwts.

Price, Single Slings,

No. PHS 7110, complete chains

*6' 0" long, with Hook

and Ring

...

Price, Slip Chains,

No. PHS 7111 Complete Chains

*6' 0" long, with End

Links

...

Chain, extra or less per foot

*Measurement is exclusive of Hook and Ring or End Links.

No. PHS 7110



No. PHS 7111



No. PHS 7112

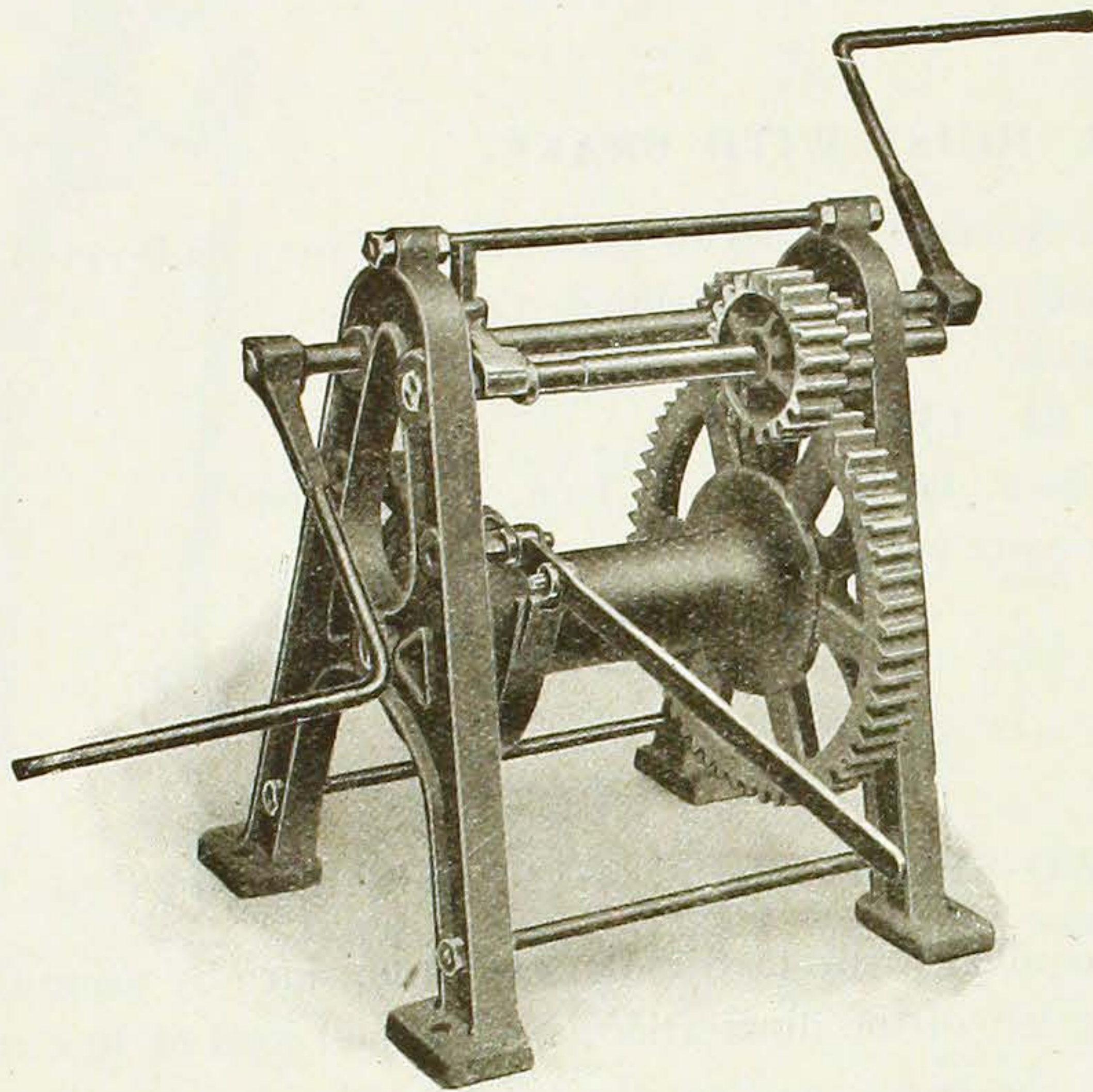
STRAINING SCREWS.

Length of Barrel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14 inch.
Diameter of Screw	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1 1/2 inch.
Approximate Weight	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16 lbs. each
Price, Galvanized	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16/6 each.

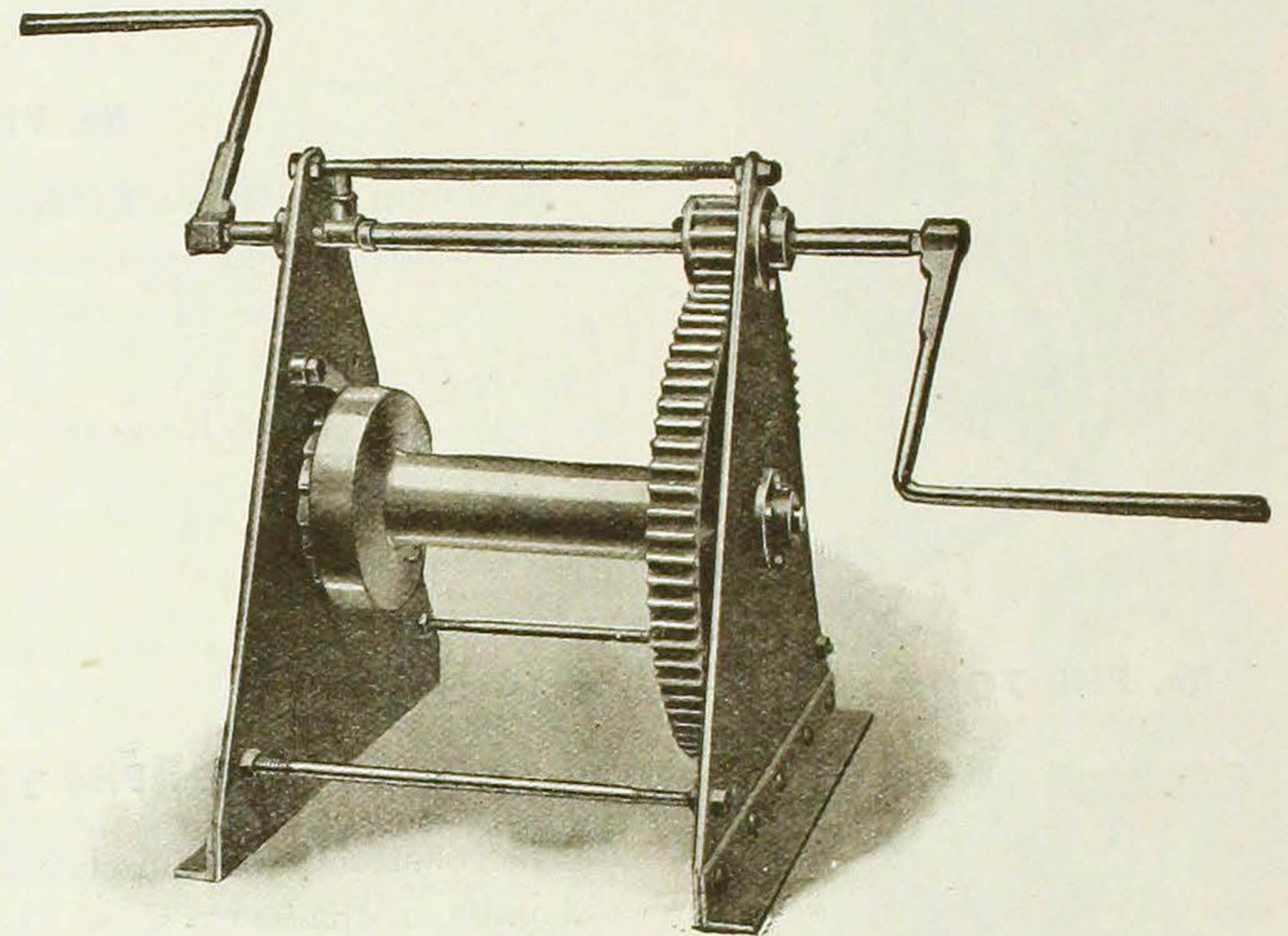


No. PHS 7113

Hoisting Crabs



No. PHO 7139



No. PHO 7138

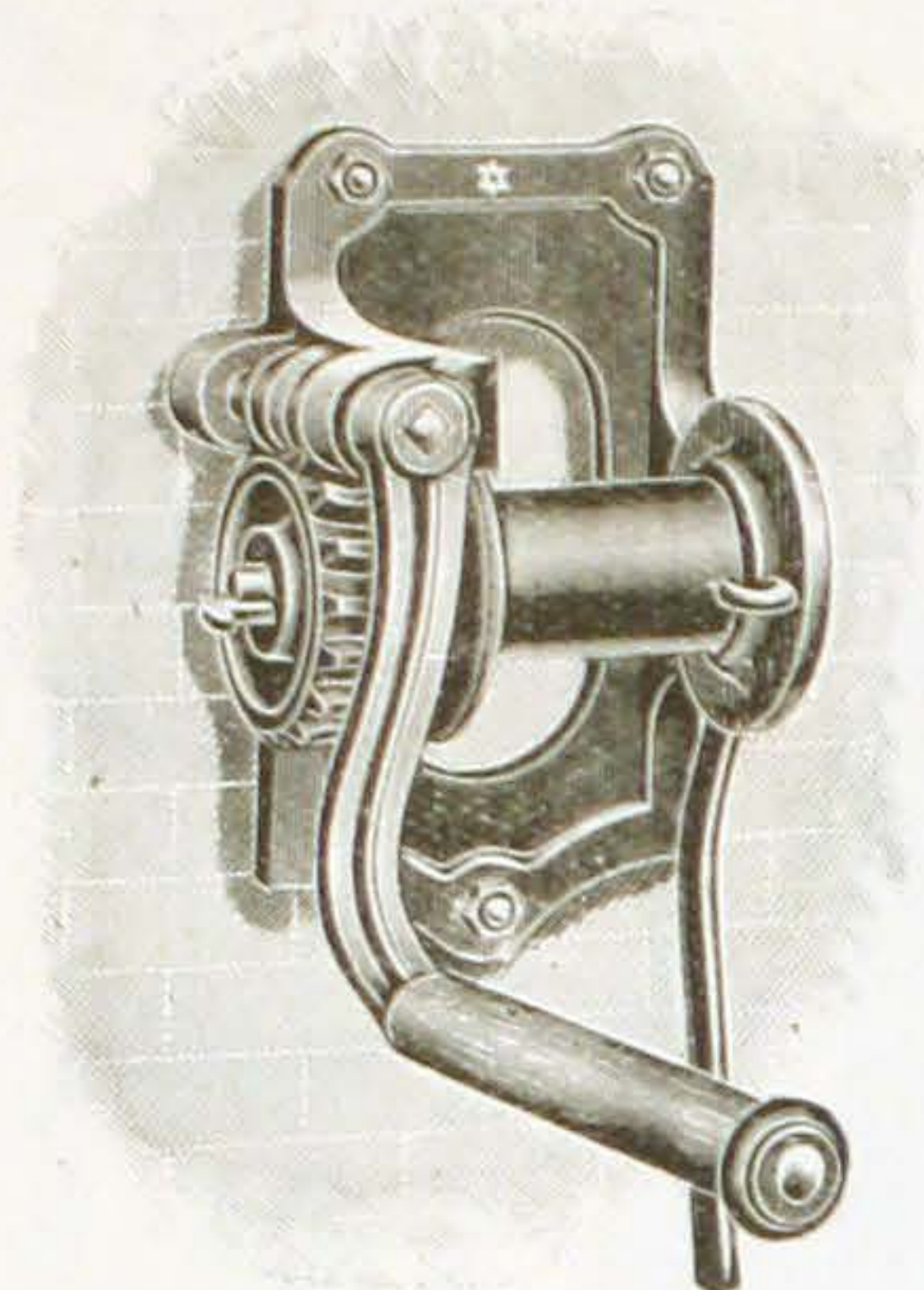
No. PHO 7138 SINGLE PURCHASE, Mild Steel Sides.

Size No.	1	2	3	4	5
To Lift direct	8	12	16	20	25 cwts.
To lift with 2 and 3 Sheave Blocks	2	3	4	5	6 tons.
Diam. of barrel	4½	4½	4½	4½	5 inches.
Length between flanges.	12	14	16	18	18 inches.
Approx. weight	250	285	362	400	515 lbs.
Price, without Brake	124/3	133/3	155/-	169/3	205/3
„ with ordinary Brake	144/-	151/3	176/6	191/-	235/9
„ with Improved Screw Brake	155/-	164/-	189/-	209/-	252/-
Brass Bushing extra	22/6	22/6	26/3	26/3	29/9

No. PHO 7139 DOUBLE PURCHASE, Cast Iron Sides.

Size No.	8	9	10	11	12	12A	13	13A	14	15	16	17	18
To lift direct	8	12	16	20	25	30	36	40	48	60	72	80	100 cwts.
To lift with 2 and 3 Sheave Blocks	2	3	4	5	6	7½	9	10	12	15	18	20	25 tons.
Approx. weight	280	330	385	420	572	616	650	700	900	1100	1400	1600	1930 lbs.
Diam. of barrel	4½	4½	4½	4½	5	5	6	6	6½	7	7	7	8 ins.
Length of barrel between Flanges	12	14	16	18	18	20	21	21	22	24	26	28	30 ins.
Price without Brake	106/3	117/-	124/3	144/-	180/-	198/-	216/-	234/-	261/-	338/6	425/-	576/-	828/-
„ with ordinary Brake	126/-	137/-	144/-	165/9	210/9	228/9	246/9	264/9	293/6	374/6	475/3	648/-	900/-
„ with Improved screw Brake	173/-	183/9	191/-	216/-	246/9	259/3	295/3	320/6	349/3	464/6	565/3	770/6	1008/-
Brass Bushing extra	32/6	32/6	32/6	32/6	36/-	36/-	39/9	43/3	43/3	56/-	68/6	79/3	90/-

Wall Crabs or Hoists



No. PHO 7092

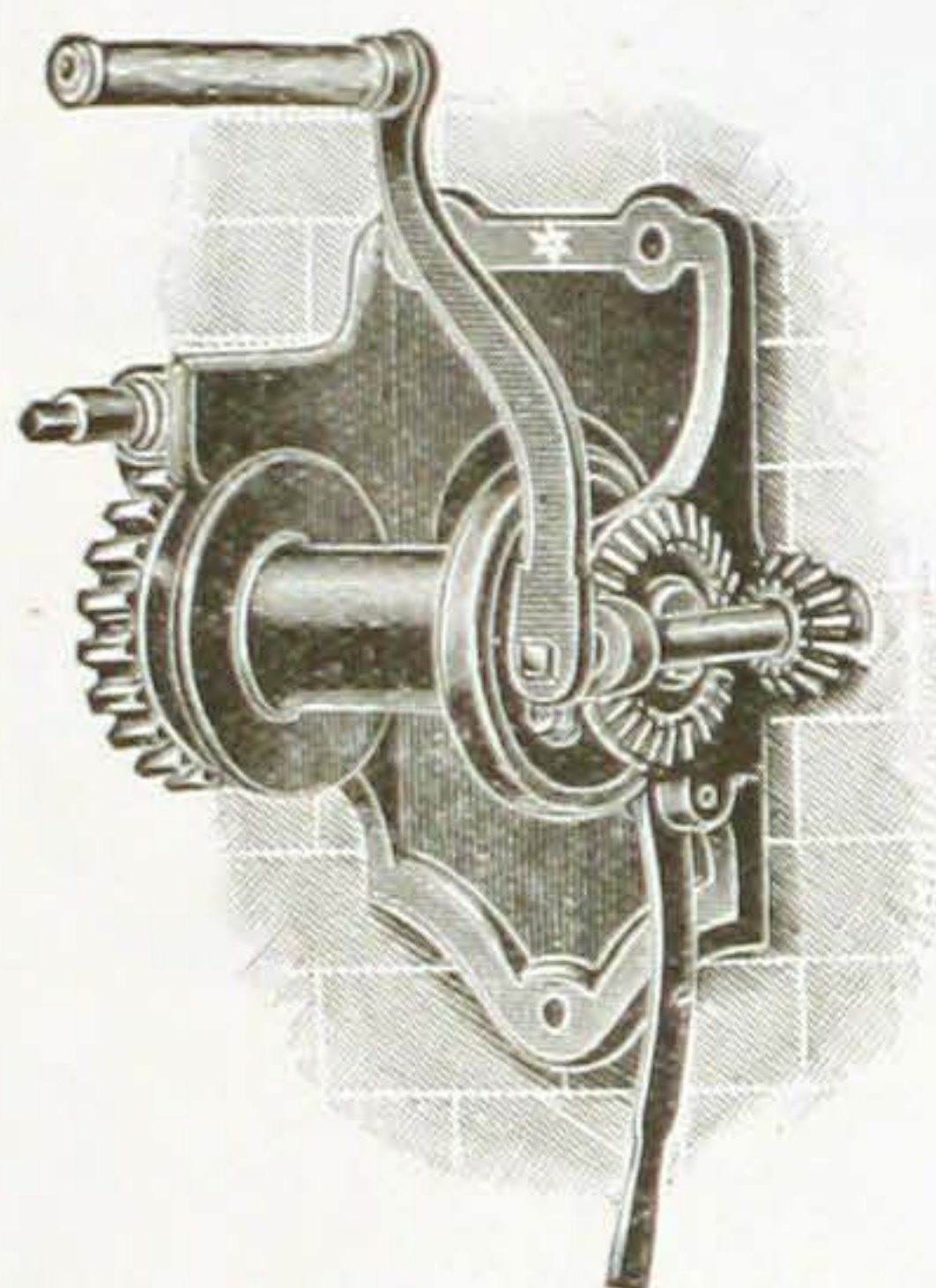
No. PHO 7092 HOIST WITH BRAKE.

Maximum load 10 cwts. By sliding the worm screw out of gear, the load may be lowered at any desired speed by means of the brake, the handle remaining stationary.

Size 24" × 18" × 16" projection. Barrel 9" × 4" diameter.

Price £5 13s. 9d.

Wire Rope to suit, with Hook, 1/2 per foot. Chain, 1/3 per foot.
Approximate weight, 1½ cwts.



No. PHO 7093

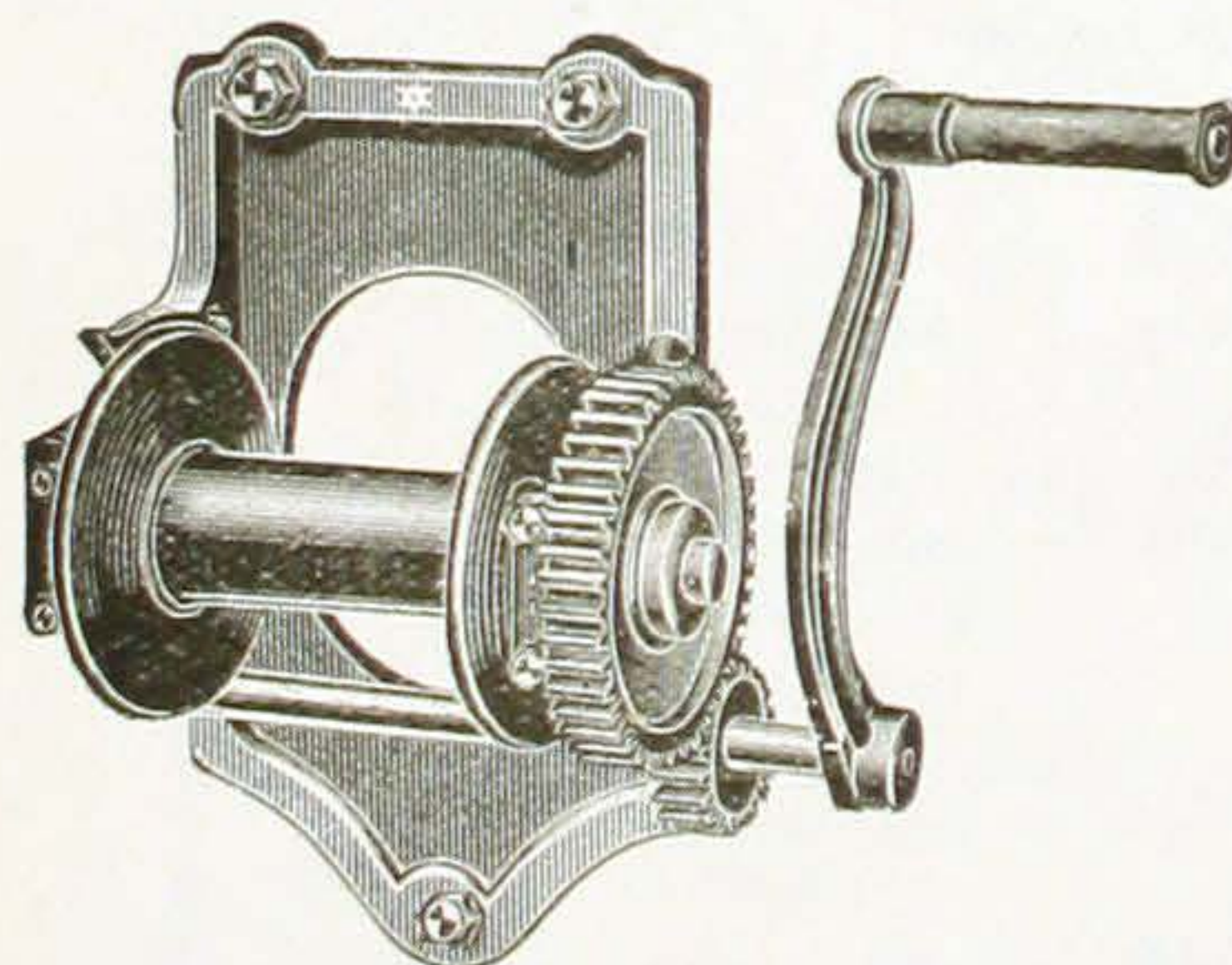
No. PHO 7093 TWO-SPEED HOIST WITH BRAKE.

The construction of this Hoist gives an equivalent to **Two Hoists in One**, since by using the handle on the worm screw shewn on the left of the illustration, a maximum load of 10 cwts. may be slowly raised, whereas by using the bevel gears on the right hand side a maximum load of 3 cwts may be raised at a very rapid rate.

Size 24" × 22" × 16" projection. Barrel 9" × 4" diameter.

Price £7 8s. 6d.

Wire Rope, 1/2 per foot. Chain, 1/3 per foot.
Approximate weight, 1¾ cwts.



No. PHO 7094

No. PHO 7094 SPUR-GEARED HOIST.

This Hoist has its handle on the side, for use where handle on front would be inconvenient, and is suitable for a maximum load of 3 cwts. It is provided with a pawl and ratchet at the left hand side, but may be fitted with a Brake in addition if desired at an extra cost of 9/6.

Size 24" × 18" × 11" projection. Barrel 9" × 3½" diameter.

Price £5 5s. 6d.

Wire Rope, 11d. per foot.

N.B.—All these hoists may be used for double or treble the loads specified in conjunction with a pair of Pulley Blocks.



No. PHO 7095

No. PHO 7095 BOTTLE JACK, with Cast Iron Case.

To lift	...	1	1½	2	3	4	5	6	8	10	12 tons.
Dia. of screw	...	1⅜"	1½"	1½"	1⅝"	1¾"	1¾"	1⅞"	2⅛"	2⅜"	2½"
Height when down	...	10"	12"	14"	14"	18"	21"	24"	24"	24"	26"
Max. run out	...	4"	6"	8"	8"	10"	12"	14"	14"	14"	14"
Approx. weight	...	10	12	14	20	28	32	38	52	56	65 lbs.
Price, each	...	7/9	8/3	9/6	10/10	12/6	14/3	18/9	22/-	26/-	33/9



No. PHS 7131
"Running Free."

Self-Sustaining Gin Block

Arranged with "Holdfast" Clip.

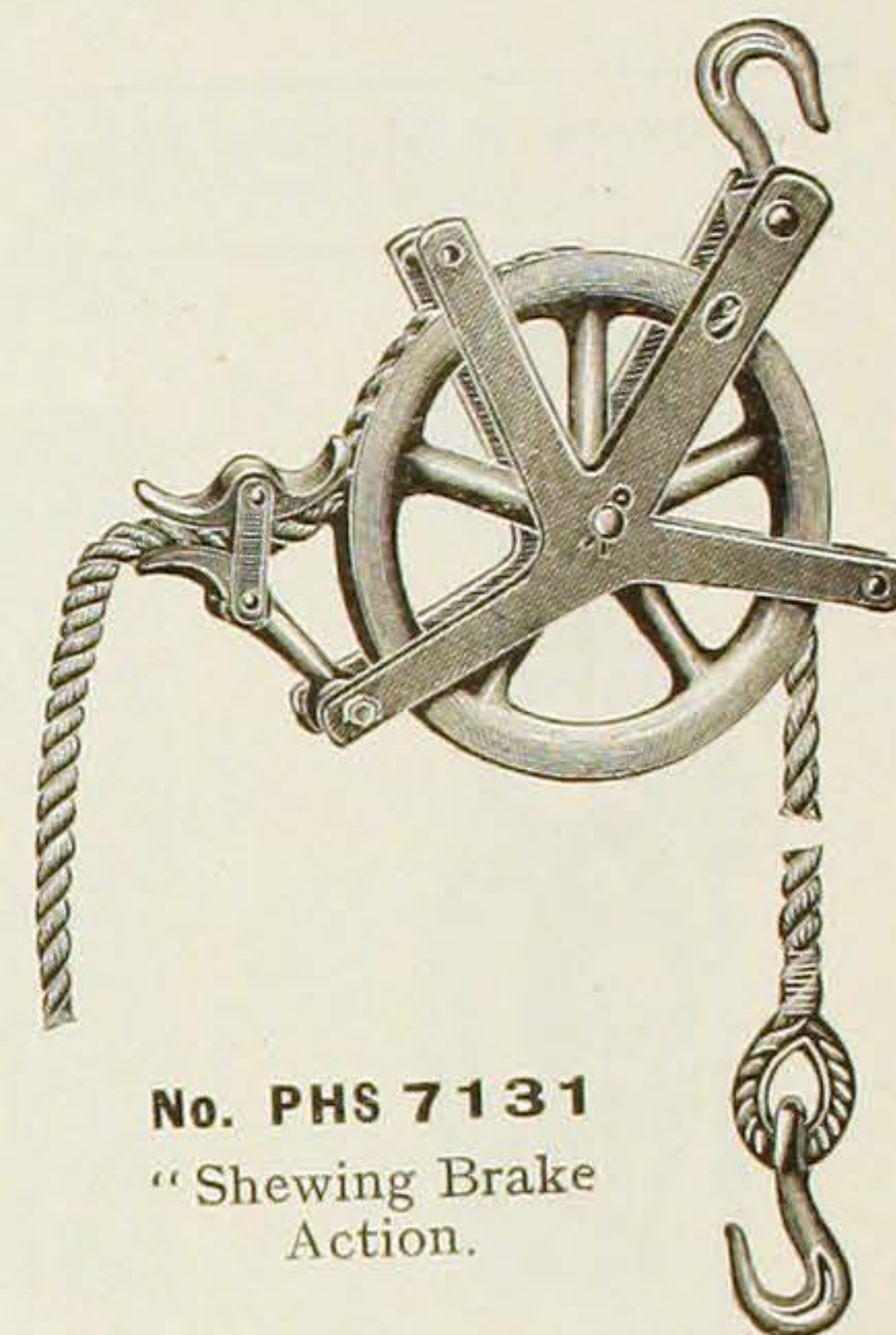
No. PHS 7131

Diameter of Sheave	8"	9"	10"	12"
Width of Groove	5/8"	3/4"	7/8"	1"
Price, each	48/9	52/3	57/9	65/-

No. PHS 7132 Hexagon Coupling Box

Screwed right and left hand Whitworth "V" thread. Boxes malleable, steel alloy. Stub Ends best quality Staffordshire Wrought Iron for Welding. Self colour.

Dia. of screw	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	2"
Lgth of box	1 1/2"	2 1/2"	3"	4"	4 1/2"	5"	6"	6 1/2"	7"	8"	9"	9 1/2"	10"	11"	12"
ends	2 1/2"	3"	4 1/2"	6"	6"	6"	7"	7"	8"	8"	9"	10"	12"	12"	12"
Weight, boxes only	1 1/2 oz.	2oz.	4oz.	5oz.	10oz.	1 1/2 lb.	1 1/2	2	2 1/2	3	4	5	6	9	12 lbs.
Total weight, Per set	3oz.	4oz.	8oz.	13oz.	1 1/4 lb.	1 3/4	3 1/4	4 1/2	6	7 1/2	10 1/4	13 1/4	18	25	53 lbs.
Price, boxes, only	3d.	4d.	5d.	8d.	11d.	1/3	1/11	2/9	3/5	4/-	5/3	7/6	9/9	12/-	16/6 set.
Prices, Boxes and ends	5d.	6d.	8d.	11d.	1/3	1/9	2/8	3/9	4/11	6/-	7/6	10/6	14/3	18/9	25/6



No. PHS 7131
"Shewing Brake Action."

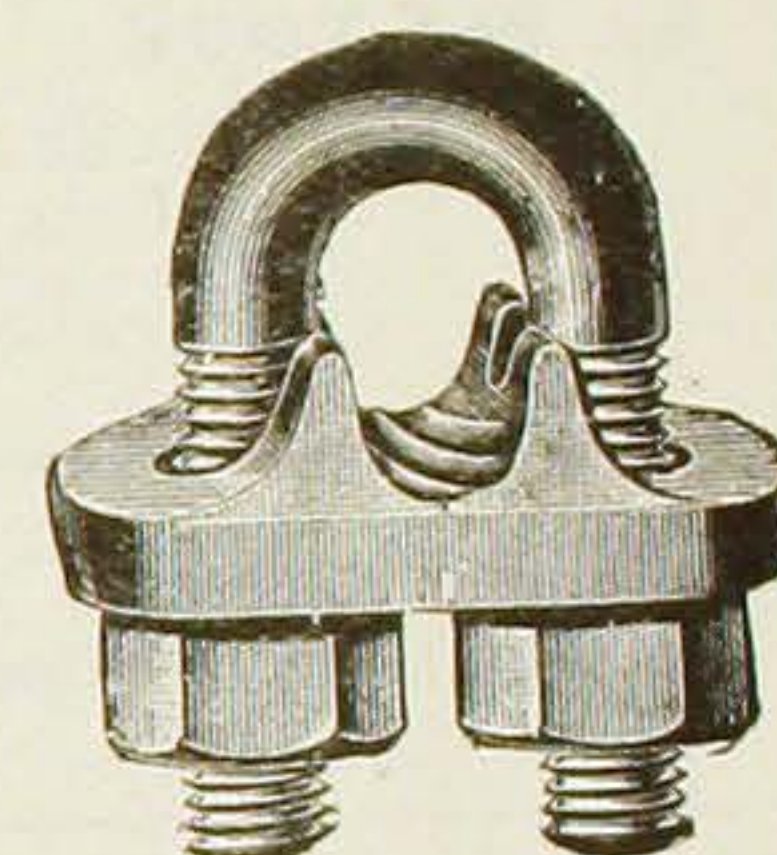


No. PHS 7132
HEXAGON COUPLING BOX.

No. PHS 7133 Bull Dog Wire Rope Clip

Size	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
Self-Colour	36/-	43/3	50/6	65/-	72/-	86/6	101/- per gross.
"Galvanized"	3/3	3/10	4/4	5/8	6/2	7/4	8/7 per dozen.
"	40/6	48/9	56/9	73/-	81/-	97/3	113/6 per gross.
"	3/6	4/2	4/10	6/3	7/-	8/4	9/8 per dozen.
Size	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"
Self-Colour	115/3	144/-	173/-	216/-	288/-	432/-	432/- per gross.
"Galvanized"	9/9	12/3	14/6	18/3	24/3	36/6	36/6 per dozen.
"	129/9	162/-	194/6	243/-	324/-	486/-	486/- per gross.
"	11/-	13/9	16/4	20/6	27/3	40/9	40/9 per dozen.

Extra Heavy Patterns quoted against specifications.

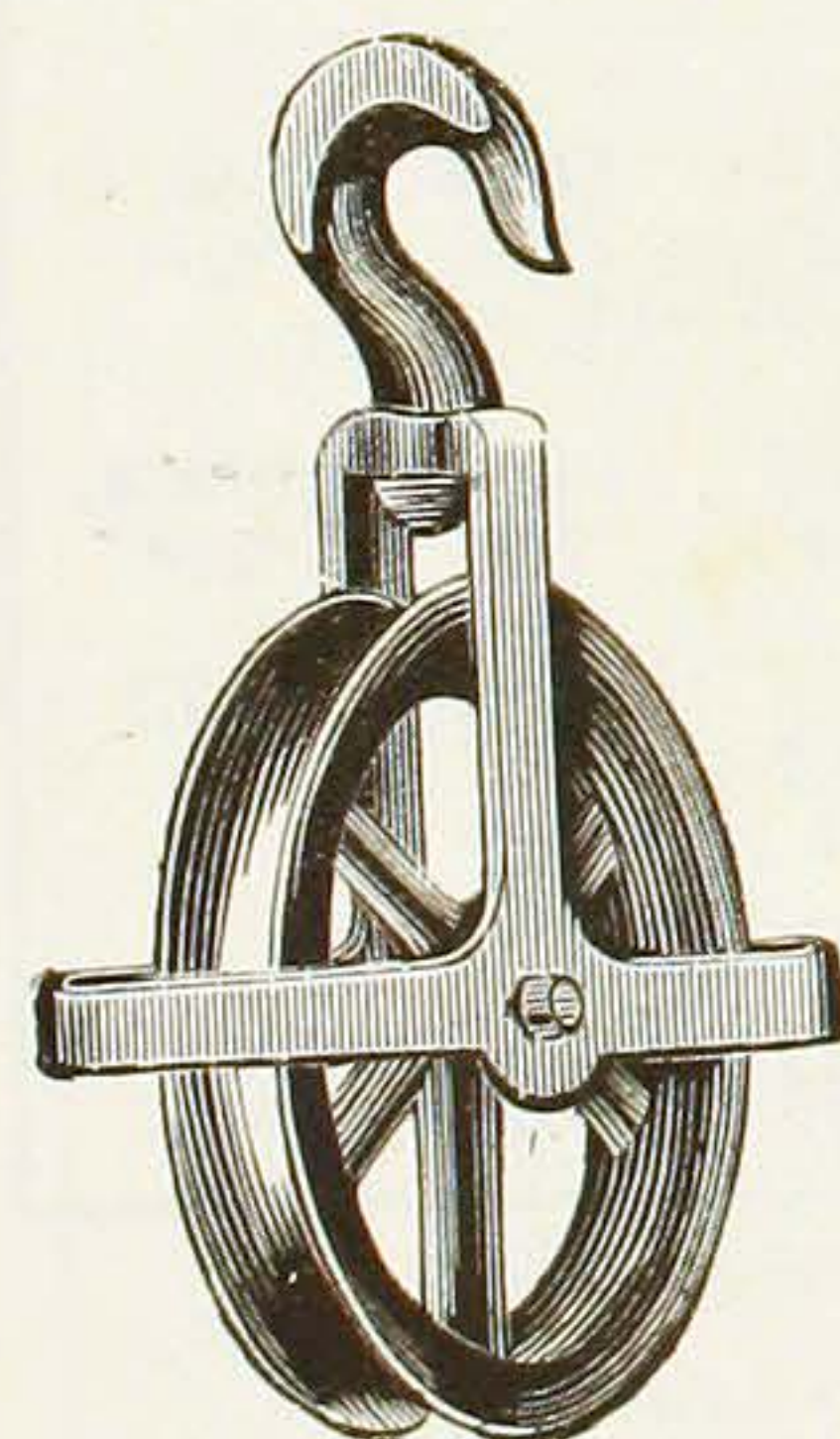


No. PHS 7133
BULL DOG CLIP.

Gin Blocks

No. PHS 7085 Strong Gin Block or Rubbish Pulley for Manilla Rope. With Turned Steel Pins and Bored Pulleys.

Diam. Pulley	3 1/2"	4"	4 1/2"	6"	7"	8"	9"	10"	11"	12"	14"	16"	18"	20"	22"
Width of Groove	1/2"	5/8"	3/4"	1"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Weight (about) lbs.	2 1/2	3	5	10	12	13	14	16	18	22	31	45	50	58	67
Price	8d.	11d.	1/7	1/11	2/5	2/11	3/4	3/9	4/3	5/2	7/1	10/4	11/3	14/1	16/5
Spare Sheaves	4/8	5/8	6/7	8/5	9/5	10/4	11/3	12/2	14/1	15/6	19/8	22/6	26/3	31/11	35/8
Each Block															

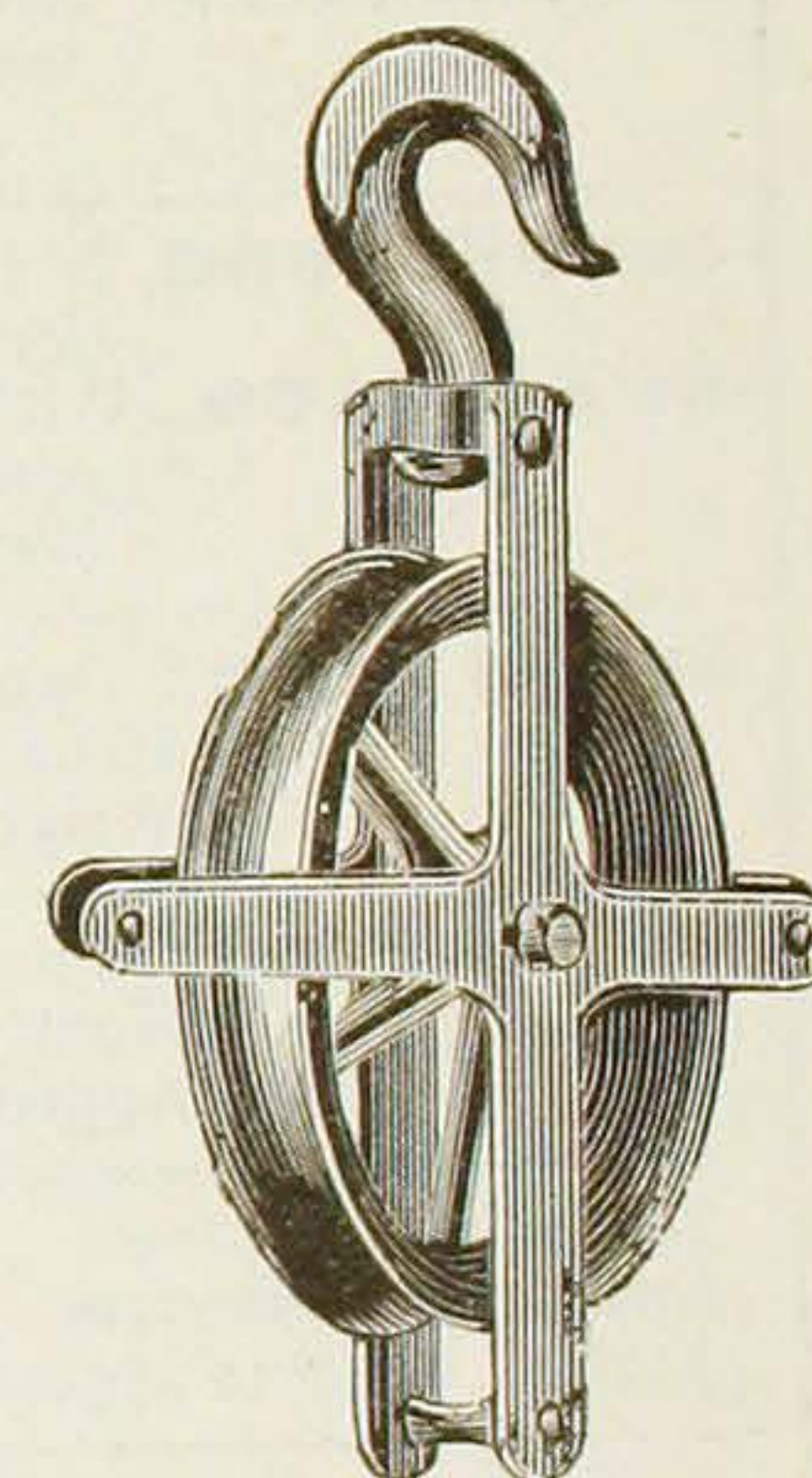


No. PHS 7085

No. PHS 7086 STRONG COAL GINS WITH FOUR ARMS. For Manilla Rope. With Turned Steel Pins and Bored Pulleys.

Diameter of Sheave	8"	10"	12"	14"	16"	18"
Width of Groove	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Approx. Weight	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
With Swivel Hook, Plain Sheaves	11/9	13/9	17/6	21/9	24/6	28/3
With Swivel Hook, Self-oiling Sheaves	16/-	18/6	22/6	27/3	31/-	35/9
With Swivel Eye and Shackle, Plain Sheaves	14/3	16/-	20/3	24/6	27/9	31/6
With Swivel Eye and Shackle, Self-Oiling Sheaves	18/6	20/9	25/6	30/-	34/3	39/-

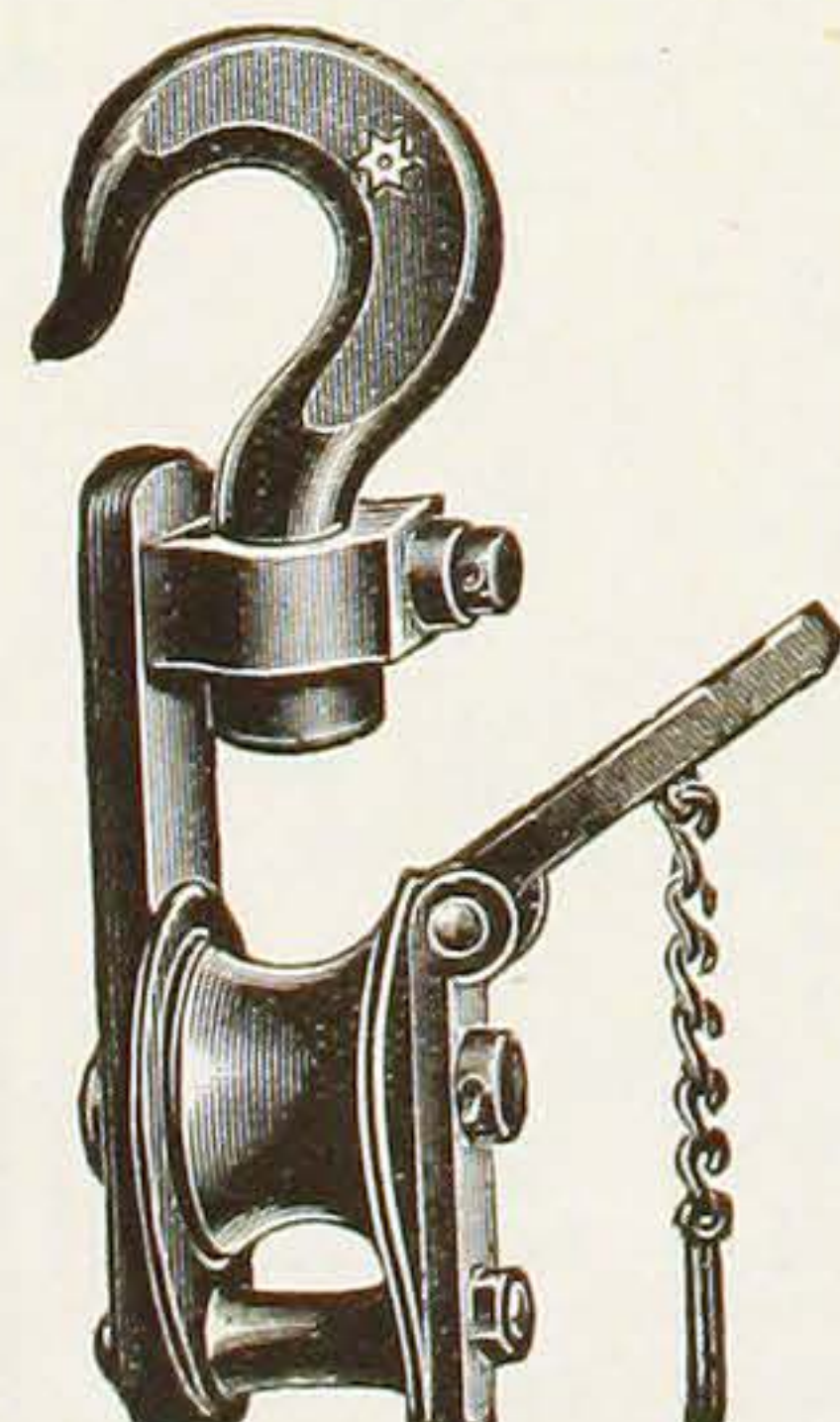
Self-Oiling Sheaves have Oil Reservoirs and Gun Metal Bushes fitted with Leather Fillings.



No. PHS 7086

BEST MANILLA ROPE. No. PHS 7173

Circumference	Price per 100 ft.	Splicing Hook.
1 1/4"	5/-	1/6
1 1/2"	6/9	1/6
2"	12/-	1/6
2 1/2"	18/-	2/3
3"	22/6	2/3
3 1/2"	27/-	2/3
4"	30/9	2/3
4 1/2"	40/6	2/3
5"	45/-	3/-
5 1/2"	56/3	3/-
6"	63/-	3/-
6 1/2"	70/6	3/-
7"	84/9	3/-
7 1/2"	99/9	3/-
8"	108/9	3/9
8 1/2"	127/6	3/9
9"	135/-	3/9
9 1/2"	154/6	4/6
10"	180/-	4/6



No. PHS 7087

Extra Strong Hinge Snatch Blocks

No. PHS 7087 FOR MANILLA ROPE.

Sheave (out to out)	5" x 1 1/4"	5" x 1 1/2"	5" x 1 3/4"	5" x 2"	5" x 2 1/4"	5" x 2 1/2"
To take Rope	3"	3 1/4"	3 3/4"	4 1/2"	5"	6"
Price	25/6	26/6	28/3	31/3	36/3	40/9
Sheave (out to out)	5" x 2 3/4"	5" x 3"	6" x 1 3/4"	6" x 2"	6" x 2 1/4"	6" x 2 1/2"
To take Rope	6 3/4"	7 1/2"	8 1/4"	9"	10"	11"
Price	44/9	50/3	52/-	54/6	59/-	63/3
Sheave (out to out)	6" x 2 3/4"	6" x 3"	8" x 2 1/2"	8" x 3"	8" x 3 1/2"	
To take Rope	6 3/4"	7 1/2"	8 1/4"	9"	10"	
Price	49/3	53/5	51/9	58/9	65/6	

Blocks are sold NOT TESTED, but any Blocks (taken right from stock) may be tested at Lloyds British Testing Co., Ltd., at an extra charge.

For prices of Manilla Rope,
see page 333.

London Pattern Pulley Blocks



One Sheave Snatch.
No. PHS 7096



Hinge Snatch.
One Sheave.
No. PHS 7097



One Sheave with Becket
and Swivel Hook.
No. PHS 7098



One Sheave with Becket
and Swivel Ring.
No. PHS 7099



Two Sheave with Becket.
No. PHS 7100



Three Sheave with Becket
No. PHS 7101

The Hooks and Rings, Shackles and Crossheads, Side Plates and Straps are of best quality Wrought Iron or Mild Steel; the Sheaves of Cast Iron truly bored, also specially machined and polished in the grooves; the centre pins of mild steel machined all over. A Becket or Shackle is supplied with the smaller block of each pair ordered.

PRICES.

WITH SWIVEL HOOKS.										With Swivel Rings or Fast Shackles.*			
Diameter of Sheave (outside) ...	2½"	3½"	4"	4¾"	5"	6"	7"	8"		9"	10"	11"	12"
To take Manilla Rope Circum. ...	1¼"	1½"	2"	2½"	2¾"	3¼"	4"	4¾"		5½"	6¼"	7"	8"
diam. ...	¾"	1"	5⁄8"	¾"	7⁄8"	1"	1¼"	1½"		1¼"	2"	2¼"	2½"
No. PHS 7096 Snatch (one Sheave) each	7/9	8/6	9/6	11/3	13/9	16/3	20/-	24/9					
Weight approx. Lbs.	3	4	5½	8½	11	15	23	32					
No. PHS 7097 Hinge Snatch (one Sheave) ... each	9/-	9/9	10/9	12/6	15/6	18/9	22/6	28/-					
Weight approx. Lbs.	3	4	5½	8½	11	15	23	32					
Nos. PHS 7098 (With Swivel Hook (one Sheave) ... each	3/3	3/9	4/9	6/6	8/3	9/6	11/9	15/6					
No PHS 7099 (With Swivel Ring) (one Sheave) ... each	3/3	3/9	4/9	6/6	8/3	9/6	11/9	15/6					
Weight approx. Lbs.	1½	3½	5	7½	10	14	21	28	24/9	37/3	55/9	74/3	100
No. PHS 7100 Two Sheaves (with Hook or Ring) ... each	4/6	6/3	7/3	9/-	11/9	13/9	20/-	28/-					
Weight approx. Lbs. ...	2½	4½	7½	11½	15	22	33	48	39/9	62/-	111/6	130/-	200
No. PHS 7101 Three Sheaves (with Hook or Ring) ... each	5/9	7/3	9/-	11/9	15/6	18/-	26/-	37/3					
Approx weight. Lbs.	3½	6½	10	15½	20½	31	50	74	55/9	86/9	142/6	173/3	270
Spare Iron Sheaves ... each	4d.	5d.	8d.	1/1	1/7	1/10	3/1	4/4	5/7	7/5	9/11	12/5	
Spare Brass Sheaves ... "	1/3	1/10	2/10	4/4	6/2	8/1	10/10	15/10	23/10	39/7			
Weight Sheaves approx. ... Lbs.	½	¾	1	1½	2	3½	6	7½	12	17	27	35	
Brass Sheave Blocks (extra per each Sheave) ...	11d.	1/5	2/2	3/4	4/8	6/2	7/9	11/5	18/3	32/2			
Blocks will take Chain, diam. ...				3⁄16"	¼"	5⁄16"	3⁄8"	7⁄16"	½"	9⁄16"	5⁄8"	11⁄16"	

*Weights for 8" Three Sheave and larger apply to blocks with swivel rings. Blocks having fast shackles are proportionately lighter. Prices are based on the upper block of each pair having a fast shackle for sizes 8" three sheave and lighter. Extra if fitted with Swivel Eyes and Shackles, 15% Extra for Galvanizing, 30%.

TABLE SHEWING TEST LOADS and WORKING STRESSES for each combination of Blocks.

Blocks are sold not tested, but any blocks taken right from stock may be tested at Lloyd's British Testing Co., Ltd., at an extra charge. The inside widths of grooves allow for the over-size of New Rope. The 2½" size has no side straps.

Diameter of Sheave ...	2½"	3½"	4"	4¾"	5"	6"	7"	8"	9"	10"	11"	12"
To take Manilla Rope Circum. ...	1¼"	1½"	2"	2½"	2¾"	3¼"	4"	4¾"	5½"	6¼"	7"	8"
Diam. ...	¾"	1"	5⁄8"	¾"	7⁄8"	1"	1¼"	1½"	1¼"	2"	2¼"	2½"
Pair of 1 and 1 Sheave Test load cwts	2	6	10	15	22	33	44	65	90	105	130	166
Working stress "	1½	4	6½	10	14½	22	29½	43½	60	70	86½	110½
Pair of 1 and 2 Sheaves Test load cwts.	3	8	13	21	32	47	62	93	124	148	180	236
Working stress "	2	5½	8½	14	21½	31½	41½	62	82½	98½	120	157½
Pair of 2 and 2 Sheaves Test load cwts.	4	10	16	26	38	58	77	116	154	186	224	294
Working stress "	2½	6½	10½	17½	25½	38½	51½	77½	102½	124	149½	196
Pair of 2 and 3 Sheaves Test load cwts.	5	12	20	30	45	68	90	135	180	218	262	344
Working stress "	3½	8	13½	20	30	45½	60	90	120	145½	174½	229½
Pair of 3 and 3 Sheaves Test load cwts.	5½	14	24	34	52	78	102	154	205	242	294	390
Working stress "	3½	9½	16	22½	34½	52	68	102½	136½	161½	196	260

"A" Basis.

PHS—Stocked in most sizes.

Improved Weston Type Differential Pulley Blocks

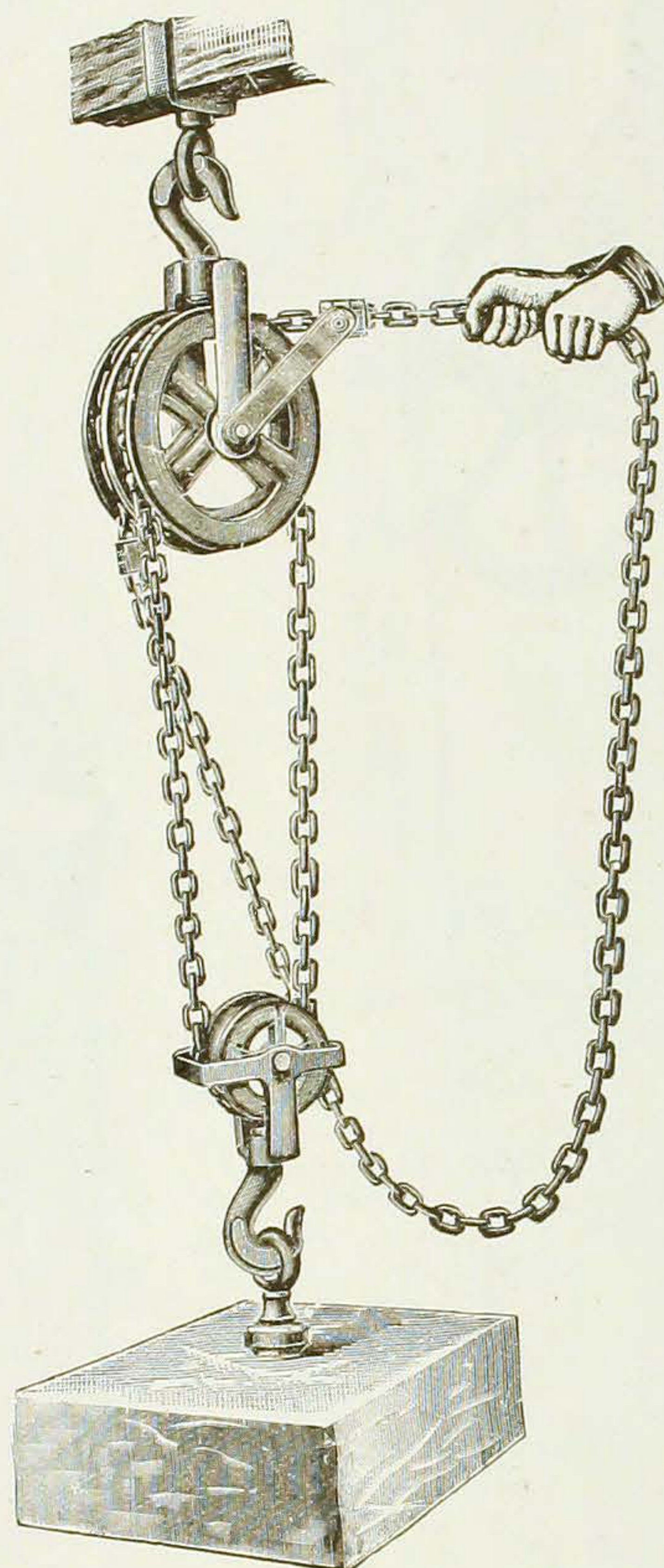
CHEAP.

SIMPLE.

RELIABLE.

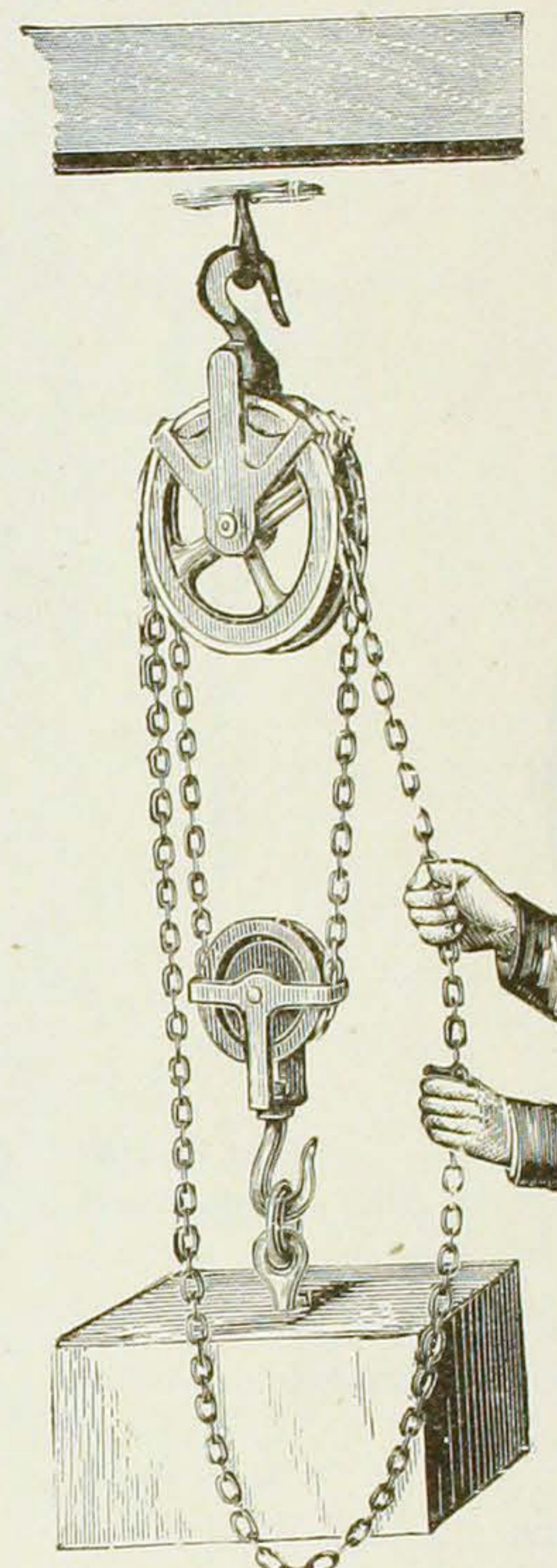
SELF-SUSTAINING.

With Radial Swivelling Chain GUIDES.



No. PHO 7088

Without Chain GUIDES.



No. PHO 7090

PRICES.

	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	2	3	4	Tons.
Test Load ...	254	508	762	1016	1524	2032	3048	4064	Kilos.
Working Stress ...	$3\frac{1}{2}$	$6\frac{3}{4}$	10	$13\frac{1}{2}$	20	$26\frac{3}{4}$	40	$53\frac{1}{2}$	Cwts.
	170	340	508	678	1016	1356	2032	2710	Kilos.
Blocks No. PHO 7088 With Chain Guides ...	10/2	15/-	17/6	21/-	30/-	46/10	65/10	95/2	Per Set.
Approximate Weight ...	10	18	19	31	54	72	90	135	lbs.
	5	8	9	15	25	33	41	62	Kilos.
Blocks No. PHO 7088 With Chains for 10' (3 metres) Lift ...	34/2	39/-	43/6	49/-	62/-	90/8	119/6	153/8	Per Set.
Approximate Weight complete ...	26	37	41	58	90	121	163	225	lbs.
	12	17	19	26	41	55	74	103	Kilos.
Blocks No. PHO 7090 Without Chain Guides ...	7/10	11/6	13/10	16/2	26/6	41/8	52/8	80/6	Per Set.
Approximate Weight ...	9	17	18	30	52	70	84	128	lbs.
	4	8	8	14	23	32	38	58	Kilos.
Blocks No. PHO 7090 With Chains for 10' (3 metres) Lift ...	31/10	35/6	39/10	44/2	58/6	85/8	106/3	139/-	Per Set.
Approximate Weight complete ...	25	36	40	57	88	119	157	218	lbs.
	11	16	18	26	40	54	71	99	Kilos.
Bright Tested Chain ...	7d.	7d.	8d.	9d.	10d.	1/1	1/4	1/5	Per foot
Approximate Weight per 40' ...	16	19	22	27	36	49	73	90	lbs.
	7.5	9	10	12	16	22	33	41	Kilos.
Drawn up dimensions Hook to Hook ...	15	20	21	24	30	34	36	42	ins.
(Inside Measure) ...	381	508	534	610	762	864	915	1067	M/m.

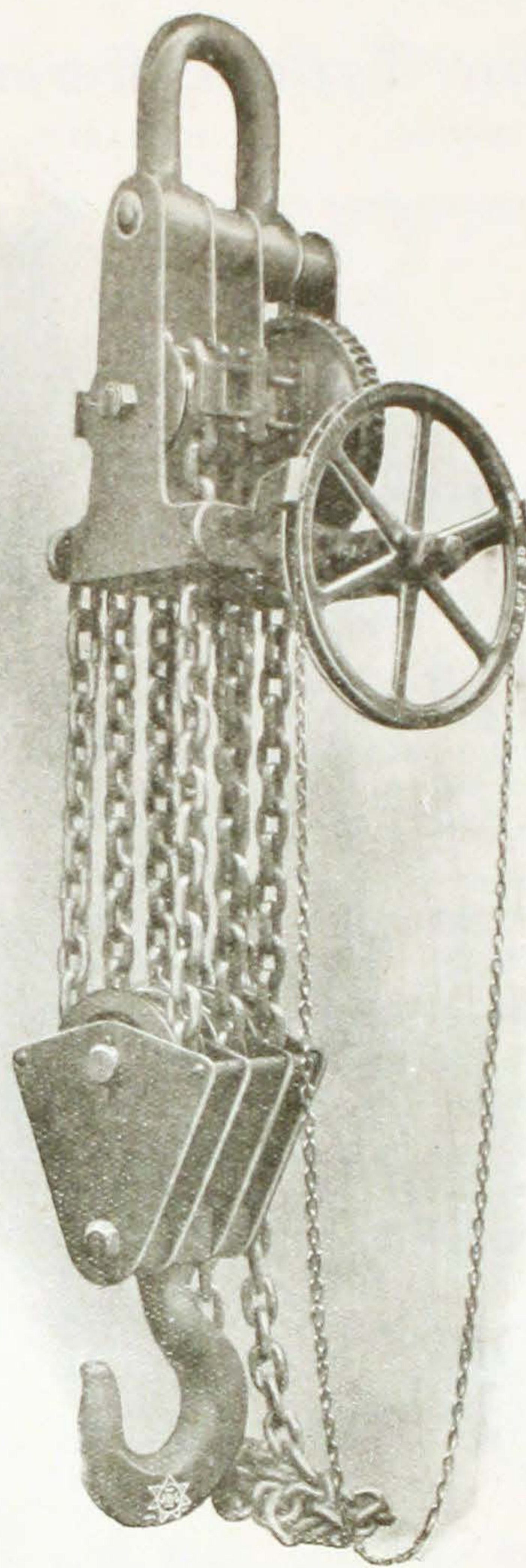
Four feet of Chain is required for every Foot of Lift.
 TESTING.—All Pulley Blocks and Chains are Tested on our Dead-Weight Testing Machine by passing the full length of Chain under load as in actual working conditions, and the Test Number stamped on the frame.

"A" Basis.

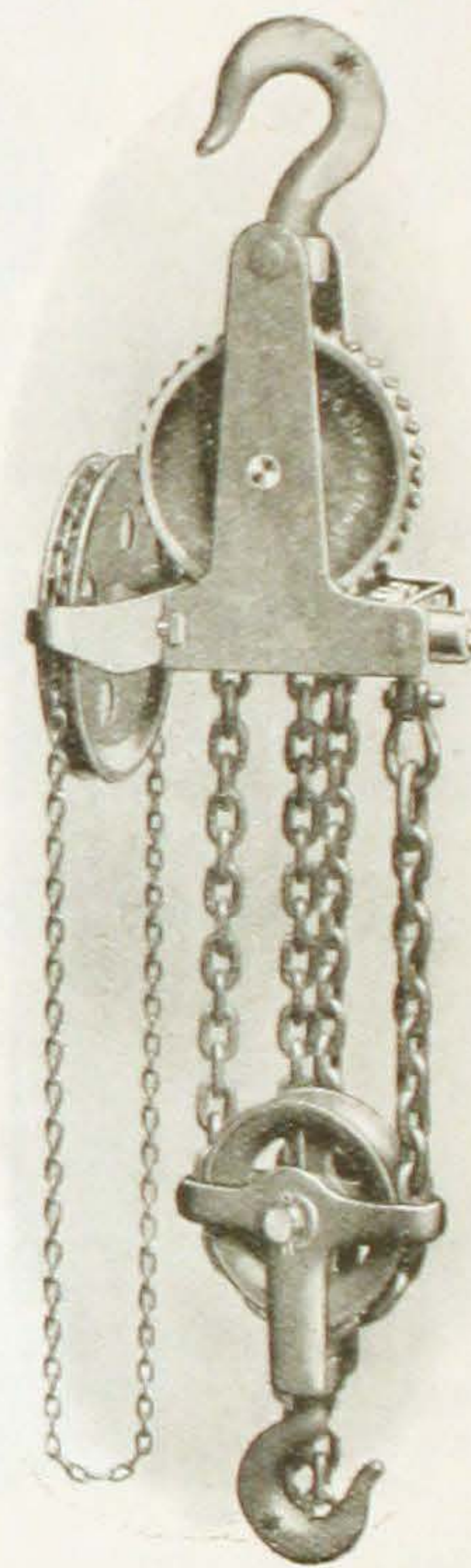
PHO—To Order only.



1/2-Ton Block with Lifting Hook.
(Bottom Block is not fitted to this size.)



20-Ton Block, Double-Sheaved.



2-Ton Block representing type
from 1 to 10 tons.

Worm-Geared Screw Blocks.

No. PHO 7102

To lift	...	...	... tons	* $\frac{1}{2}$	1	1 $\frac{1}{2}$	2	3	4	5	7 $\frac{1}{2}$	10	**15	**20	***30
Tested to	...	...	... tons	$\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$	3	4 $\frac{1}{2}$	6	7 $\frac{1}{2}$	11 $\frac{1}{4}$	15	22 $\frac{1}{2}$	30	45
Blocks, Price per set	...	...	... £4/5/6	4/12/-	5/5/9	6/17/6	8/17/-	10/-/-	12/3/6	17/17/6	27/1/-	44/-/-	55/17/-	85/10/-	
Load Chain	...	...	per foot	1/-	1/-	1/2	1/3	1/6	1/11	2/3	3/-	5/3	3/-	5/3	5/3
Hand Chain	...	...	"	9d.	9d.	9d.	9d.	9d.	11d.	11d.	11d.	1/-	1/-	1/-	1/-
Extra for Ball Bearing Bottom Hooks	...	...	"	15/-	18/-	19/6	1/1/-	1/5/6	1/10/-	1/17/6	2/5/-	2/12/6	3/7/6	4/17/6	6/15/-
Blocks with Chains for 6' clear lift.	...	...	... £5/2/6	5/15/-	6/10/6	8/4/-	10/8/6	12/0/6	14/10/-	20/19/-	32/7/6	49/14/-	65/18/-	100/5/6	
" " " 8' "	...	...	... £5/7/6	6/2/-	6/18/-	8/12/-	10/17/6	12/11/6	15/2/6	21/14/6	33/12/6	51/2/-	68/4/-	103/12/6	
" " " 10' "	...	...	... £5/12/6	6/9/-	7/5/6	9/-/-	11/6/6	13/2/6	15/15/-	22/10/-	34/17/6	52/10/-	70/10/-	106/19/6	
" " " 12' "	...	...	... £5/17/6	6/16/-	7/13/-	9/8/-	11/15/6	13/13/6	16/7/6	23/5/6	36/2/6	53/18/-	72/16/-	110/6/6	
" " " 16' "	...	...	... £6/7/6	7/10/-	8/8/-	10/4/-	12/13/6	14/15/6	17/12/6	24/16/6	38/12/6	56/14/-	77/8/-	117/0/6	
" " " 20' "	...	...	... £6/17/6	8/4/-	9/3/-	11/-/-	13/11/6	15/17/6	18/17/6	26/7/6	41/2/6	59/10/-	82/-/-	123/14/6	
" " " 25' "	...	...	... £7/10/-	9/1/6	10/1/9	12/-/-	14/14/-	17/5/-	20/8/9	28/6/3	44/5/-	63/-/-	87/15/-	132/2/-	
Weight load chain, per 100'	...	...	lbs.	100	100	150	185	230	285	365	490	700	490	700	700
Weight hand chain, per 100'	...	...	lbs.	45	45	45	45	45	52	52	52	65	65	65	65
Approximate weight Blocks	...	...	lbs.	35	42	60	80	110	155	180	340	460	520	700	1050
Drawn up dimensions, Hook to Hook (inside measure)	...	...	...	16"	28"	30"	34"	38"	42"	50"	65"	68"	74"	80"	84"

To determine length of Load Chain required, up to 10 ton size.

*Size to lift 1/2 ton. Height of lift plus 2 feet (being single chain).

" " 1, 1 1/2 ton. Twice height of lift plus 2 feet.

" " 3 ton. " " " 3 "

" " 4 and 5 ton. " " " 4 "

" " 7 1/2 ton. " " " 5 "

" " 10 ton. " " " 6 "

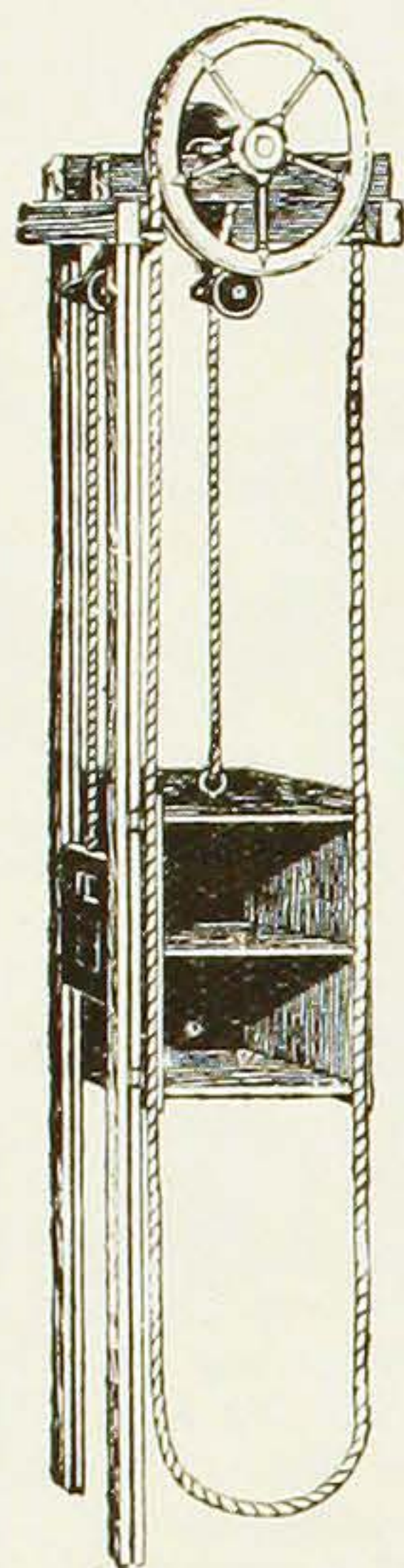
**15 and 20 tons are Double Sheaved and require 4 x height of lift plus 20 ton size, 12 feet.
***30 ton size is Treble Sheaved and requires 6 x height of lift plus 15 ton size, 10 feet.

Length of Hand Chain is twice the height of lift.

Always state height of lift when ordering.

Important.—Above Prices include sufficient load chain to give a clear lift excluding length of blocks. If a lift from hook to hook only is required, an allowance can be made from the height of lift equal to the drawn up dimensions given in above table.

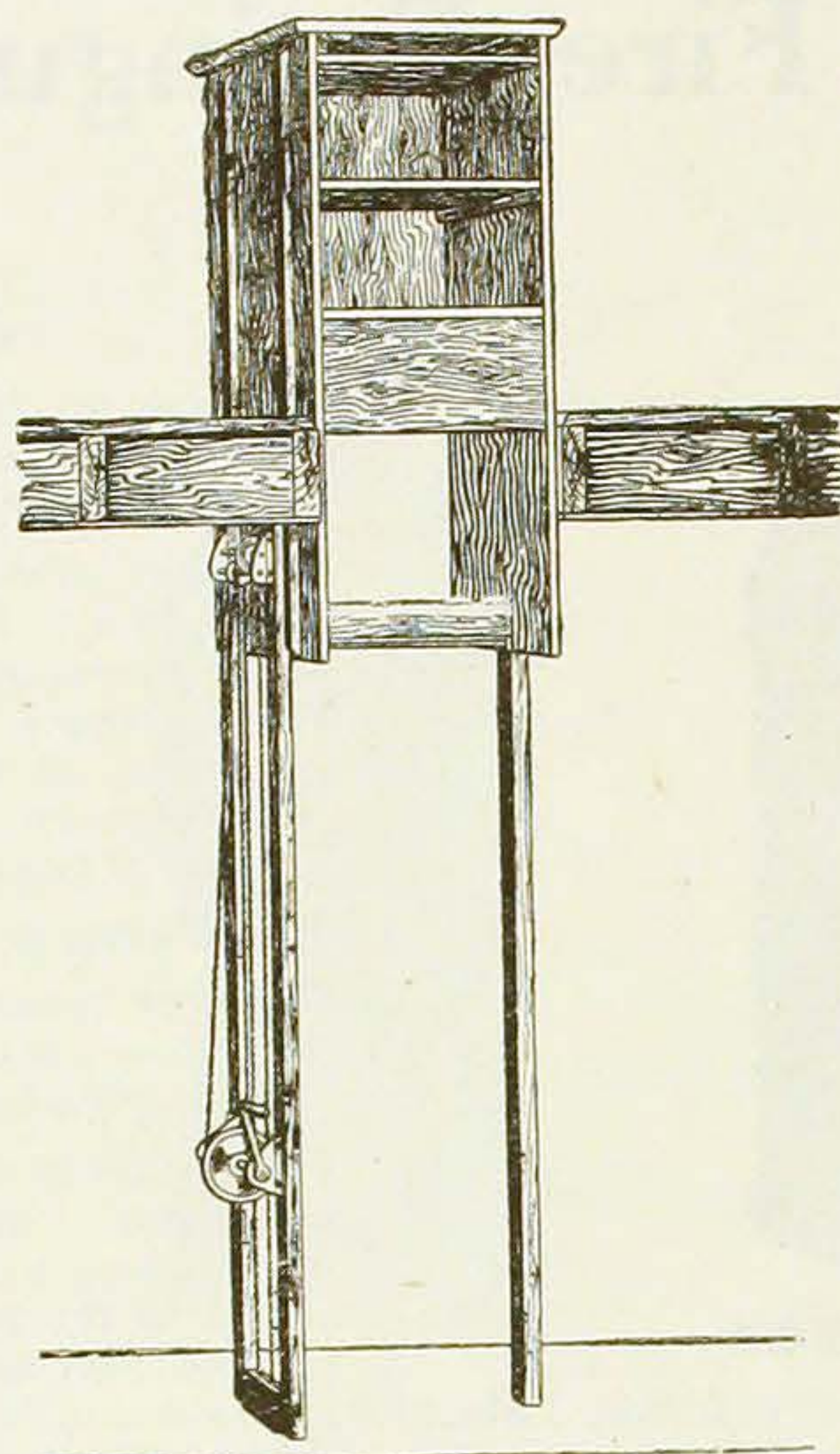
Dinner and Goods Lifts



No. PHO 3310

Self-Sustaining Dinner Lift.

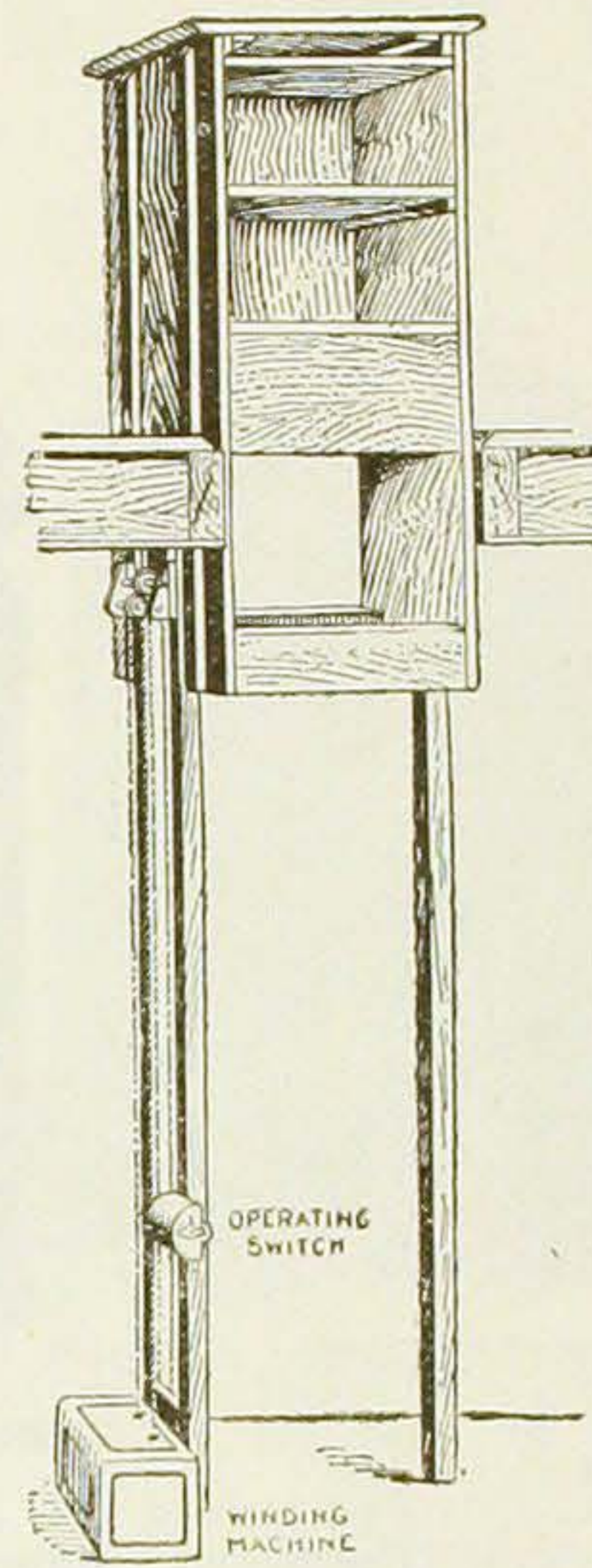
For loads of 56 lbs. and upwards. A deservedly popular Lift, cheap in price, easy to work and fitted when desired with special self-sustaining Gear. Can be worked from any floor. Self-sustaining, for loads up to 56 lbs. ... £13 0 0
With Hand Brake, for loads up to 56 lbs. ... 10 16 8
Self-sustaining, for loads up to 84 lbs. ... 15 14 3
Self-sustaining, for loads up to 112 lbs. ... 19 10 0
With Hand Brake, for loads up to 112 lbs. ... 17 17 6
Self-sustaining for loads up to 168 lbs. ... 23 16 8
Each with a total travel up to 12' 0"
Travel over 12' 0" extra :—
Up to 84 lbs load ... 2/9 per foot extra.
Up to 168 lbs. load ... 3/3 „ „



No. PHO 3311

Dining Room or Hall Lift.

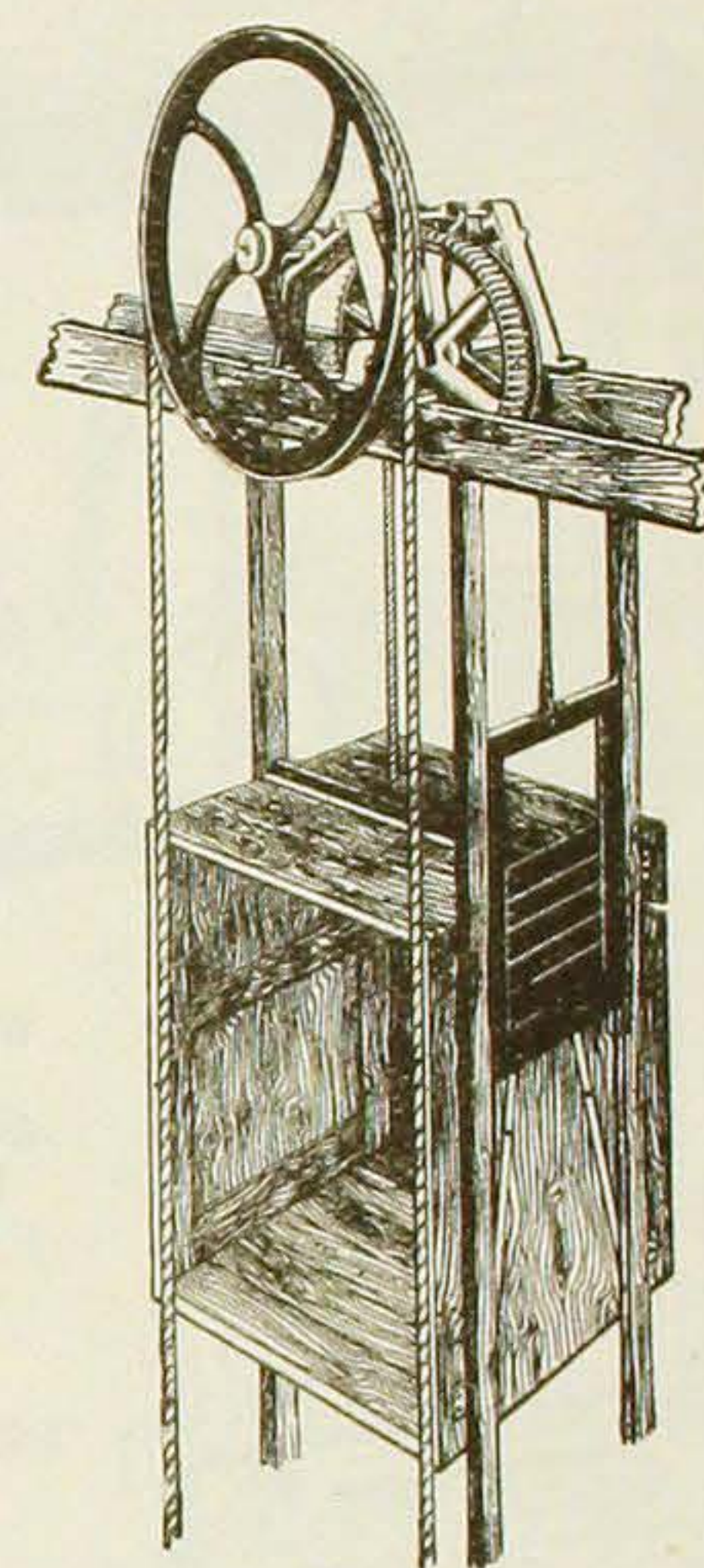
A most convenient and cheap Lift for Private Houses. The cage serves through a hole in the floor which is automatically closed as soon as the Lift descends. No casings are required and there are no overhead wheels. Fitted with self-sustaining gear. The lower shelf serves 12" above floor level. Worked from below only. For loads of 56 lbs. Price £19 10 0 each, with travel up to 12' 0"
Travel over 12' 0", 2/9 per foot extra.



No. PHO 3312

Patent Electric Service Lift.

Fitted with Fool Proof control. Can be supplied to suit any voltage. Does 500 Trips for only one unit of electricity. Price £54 3 4

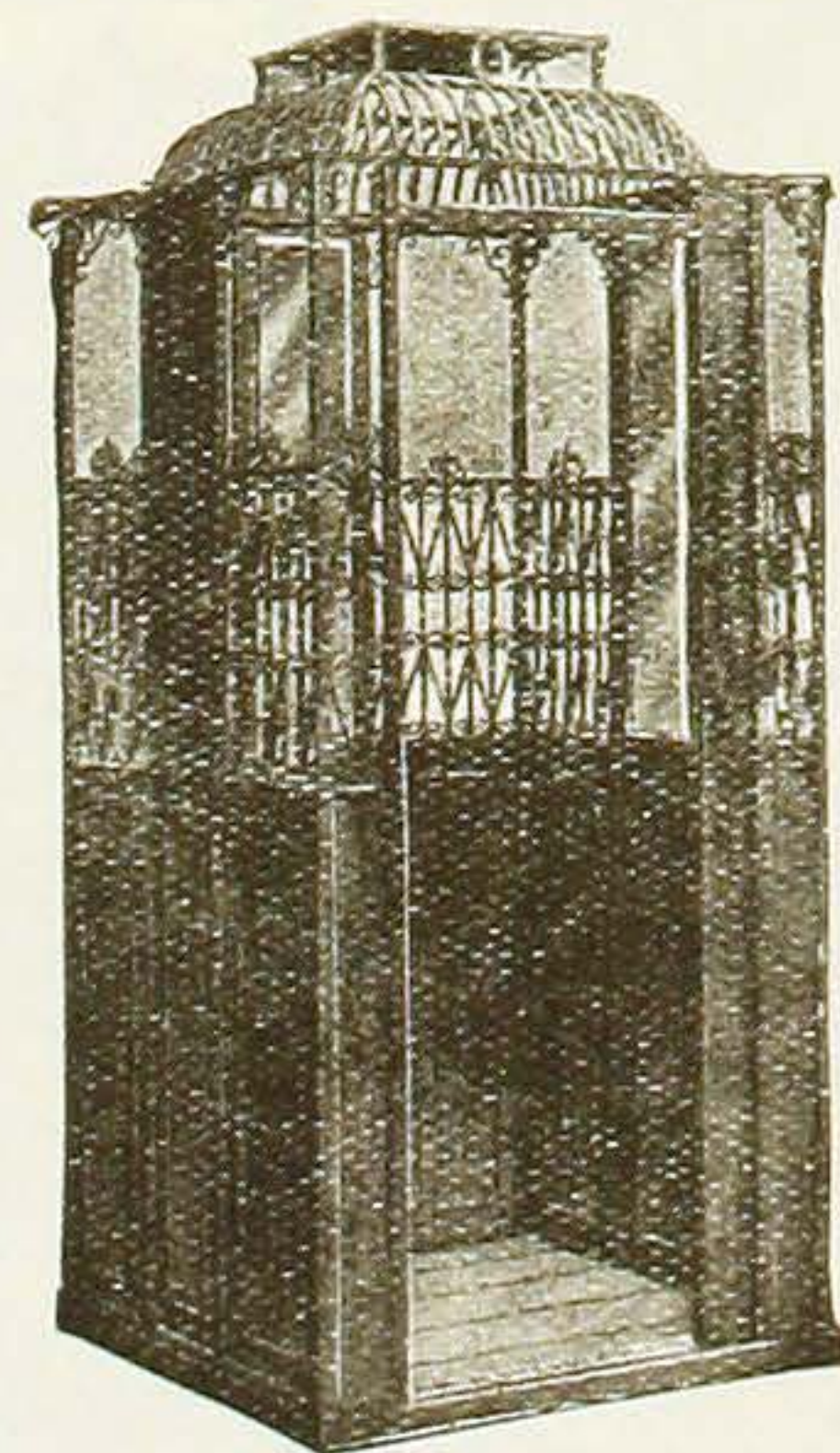


No. PHO 3313

Hand Power Goods Lift.

An immense advantage with this type of Lift is our Safety Self-sustaining Gear as it allows the cage to be over-balanced to a considerable extent and reduces the element of danger to the minimum. The Cage is fitted with Steel Transome and Tie Rods. Ball bearings add to the ease of working. The illustration shows the type supplied for loads of 2 cwt. to 1 ton, but these lifts can be supplied for loads up to 3 tons. Lowest Prices will be quoted against specification.

Electric Lifts



No. PHO 3314

Illustration shows Passenger Lift Cabin, in Steel and Plate Glass.

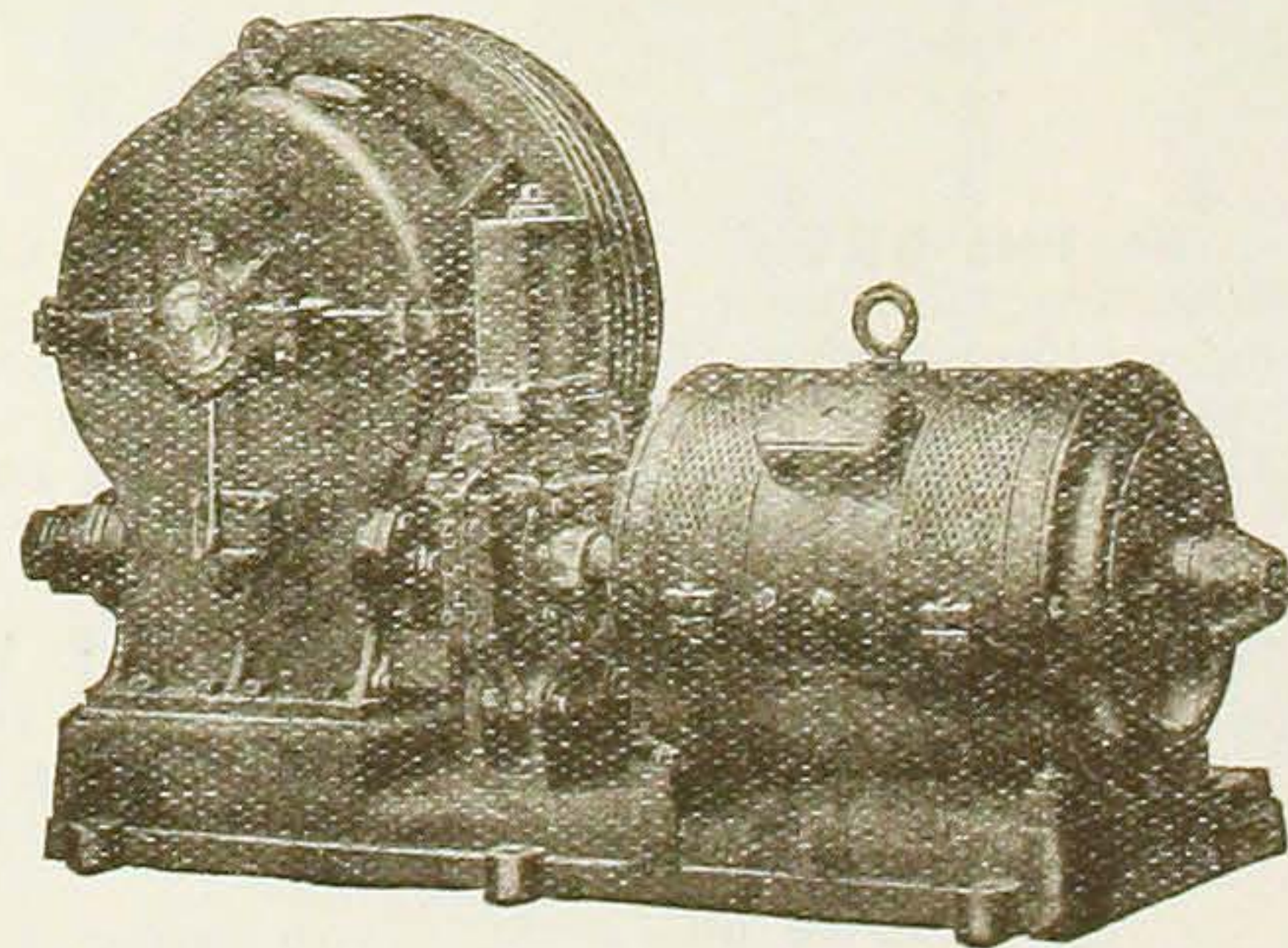
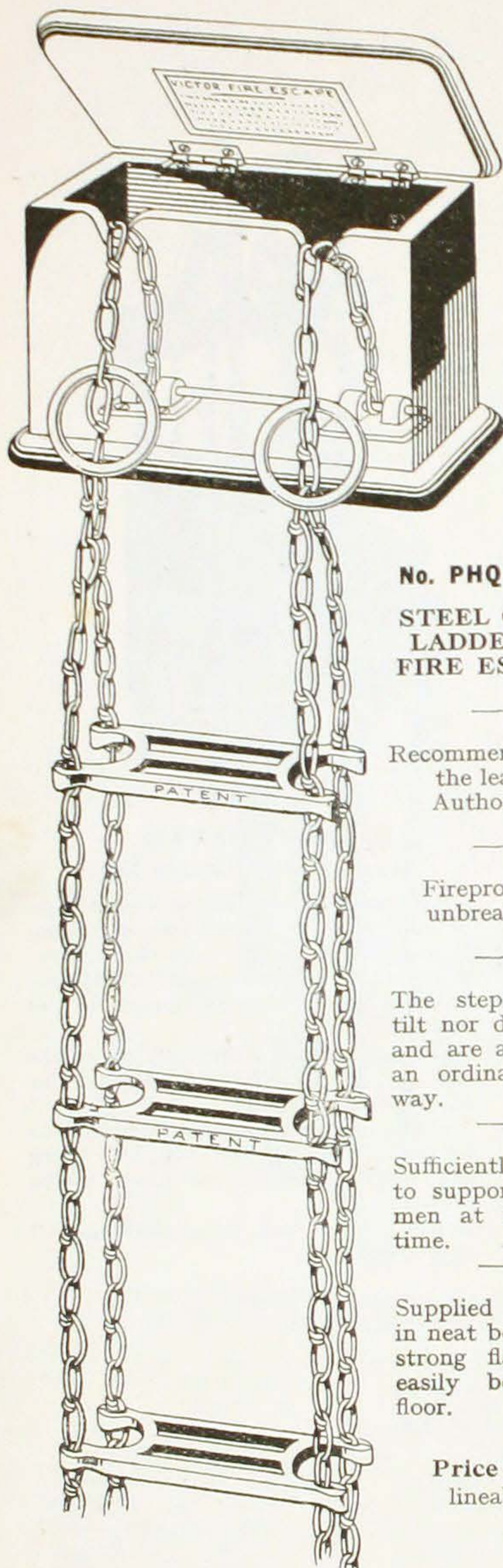


Illustration shows Gear for Passenger and Goods Electric Lifts.

High Speed Lifts are essential in these days to meet the modern demand for Express Service in lofty buildings. We can supply all types and can thoroughly recommend these Lifts for Safety, Reliability and Efficiency. Passenger Lifts with Hardwood Ornamental Cabins are ideal for Show-rooms, Restaurants, etc. and we shall be pleased to quote our Lowest Price upon receipt of details. These Lifts are fitted with every modern Safety Device and use little Current.

The Electric Gear for Passenger and Goods Lifts has received special attention, and is of heavy construction, assuring long life with a minimum of trouble. Each one is carefully tested for smooth running before leaving the works.

Fire Escape Ladder and Fire Extinguishers.



No. PHQ 9331

STEEL CHAIN
LADDER OR
FIRE ESCAPE.

Recommended by
the leading
Authorities.

Fireproof and
unbreakable.

The steps cannot
tilt nor double up
and are as safe as
an ordinary stair-
way.

Sufficiently strong
to support several
men at the same
time.

Supplied complete
in neat box having
strong flanges for
easily bolting to
floor.

Price 5/6 per
lineal foot.



No. PHQ 9332

For indoor use in Homes, Factories, Public Buildings. Larger sizes for Railways, Workshops and all premises.

This Fire Extinguisher is made in two sizes and qualities, with 2 1/4" gas thread brass bung. Fitted with patent non-creeping diaphragm attachment to prevent leaking from the nozzle, which in addition to improving the appearance, ensures the extinguisher being always ready for immediate use.

Complete with handy length of durable hose, for directing the chemical solution from awkward positions. Tested to 350 lbs. hydraulic pressure per square inch.

To Use. Remove the loose plunger protector, strike the plunger knob smartly and direct the jet upon seat of fire.

Size.	Copper	Steel.	Refills.
1 gallon	£3 10 0	£3 0 0	3/6 each.
2 "	4 10 0	3 10 0	4/- "

No. PHS*9334 "PYRENE" FIRE EXTINGUISHER.

This extinguisher kills Fire by the exclusion of Oxygen, and is particularly successful in putting out Fires involving highly inflammable substances, upon which water or ordinary extinguishers are inefficient. Filled complete and ready for use, with Bracket. Polished Brass, 55/-; Nickel or Black Plated, 60/-; Refills 7/- each.

*Stocked only in Polished Brass.

No. PHQ 9335 "PHOMENE" FOAM TYPE FIRE EXTINGUISHER. Strongly constructed and have rivetted seams and reinforced collar. Capacity two gallons, producing 16 gallons of Fire-Extinguishing Foam. Made in 18 S.W.G. Steel, lead coated inside and out after rivetting, with Nozzle and Cross Handle at top. Tested to 350 lbs. per square ins.

Price 60/- each. Extra charges 5/- each.

No. PHQ 9336 "CONQUEST" FIRE EXTINGUISHER.

An ideal Fire Extinguisher of the Soda and Acid Type. It puts out fires with the "Cooling Down" method and is particularly effective on freely burning materials such as wood, paper, straw, soft goods and in fact on all ordinary outbreaks of fire. Made in standard 18 S.W.G. Steel, lead coated, inside and out. Capacity 2 galls.

Complete with Bracket and Charge ...	...	...	55/- each.
Ditto, in Polished Copper ...	...	...	90/- "
Extra Charges ...	...	...	3/6 "



No. PHS*9334

No. PHQ 9333

For use on Motor Cars, Lorries, Steam Ships, etc., and all kinds of Electrical Establishments.

Designed specially for extinguishing fires where Petrol, Benzol, etc., is present, or fires where there is danger from electrical shock. The Mixture being a non-conductor of electricity in which no fire can live, is eminently serviceable in cases of fires where electricity is present.

The Pump is double acting.

The Jet comes into operation at once, and continues until the machine is emptied by pumping the handle up and down.

The Machine is effective, handy, the design convenient, having a special non-leaking device, and a detachable nozzle giving easy access to interior parts. It is always ready for use, and takes up very little room. The appearance is neat. The contents are thrown a distance of about 20 feet, and a stream of fire-annihilating fluid may be directed with safety from a distance.

This Extinguisher is made to the latest specification and approval of the Board of Trade, and has been approved by the COMMISSIONER OF POLICE for the METROPOLIS for use on Public Vehicles.

Standard Model, made in Polished Brass, Highly Lacquered, all working parts Tinned. Sold charged and complete with Bracket, fitted with safety catch.

Full directions on the Label.

Overall dimensions with bracket 15" x 3"; Weight 7 lbs.; Freezing point of liquid, minus 30° centigrade.

Prices :

Brass, 45/- each.

Nickel or Oxidized, 47/6 ea. Refills 6/- ea.



No. PHQ 9333



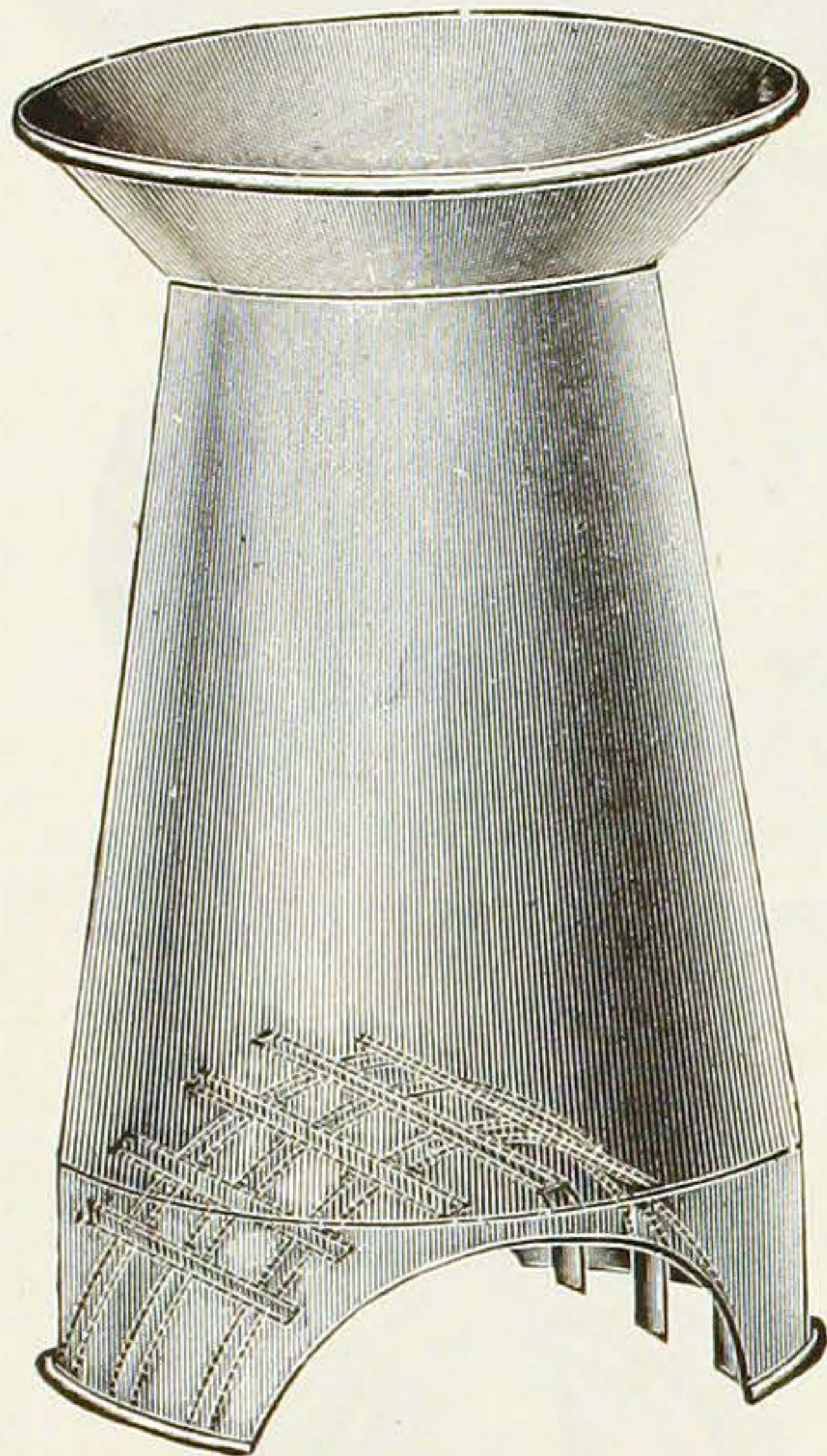
No. PHQ 9335



No. PHQ 9336

"Phomene" and "Conquest"
Fire Extinguishers.

Refuse Destructors and Dust Bins.



No. PHS 5356

Size No. 1.
Outside measurement at bottom, 22"
Height to top of Hopper .. 38"
Weight, 31 lbs. complete.
23/9 each.

Size No. 2.
Outside measurement at bottom, 25"
Height to top of Hopper .. 41"
Weight 37 lbs. complete, 30/6 each.

Size No. 3.
Outside measurement at bottom, 29"
Height to top of Hopper .. 51"
Weight approximately .. 81 lbs.
60/9 each.

The loose wrought iron grid inside allows plenty of air to start the fire. As the rubbish burns, the ashes drop through the grid, and can be shovelled out through the opening. The fine ash makes a valuable fertiliser for gardens or fields.



No. PHS 5357

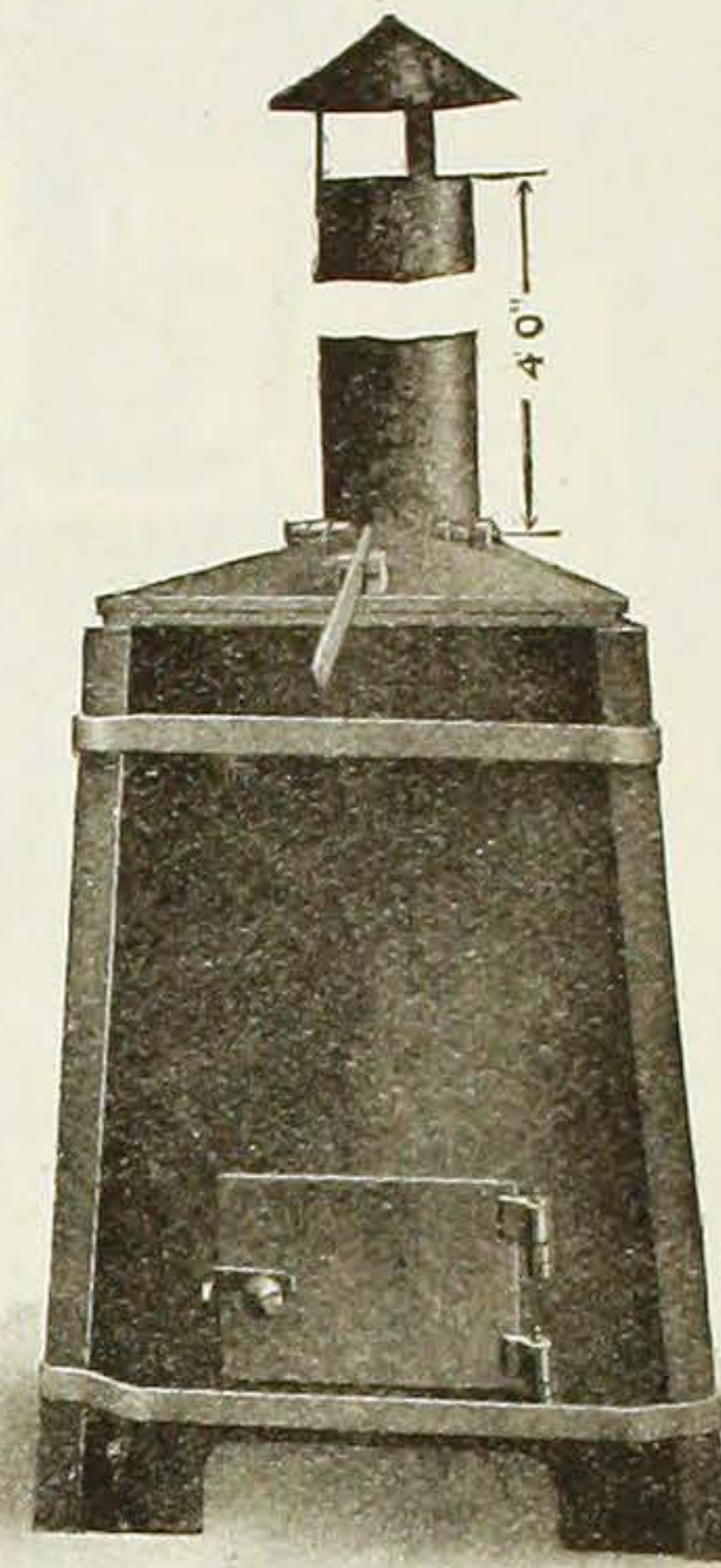
Diameter 16", Height 32½"
Price (without Piping) 113/- each.

Extras :
Additional Plain Sections increasing capacity by 4" height for each section, 10/- each.

Elbow with cleaning door (as illustrated) 5/- each.

4' straight galvanised Steel Pipe and Cap (for garden use) 10/6 each.

Designed to burn all kinds of indoor consumable refuse, and also in demand for garden use. Made entirely of extra heavy cast iron and in sections, which are built up in a few seconds. Fitted with shaking fire bars and draught control sliding door. A regenerator ring conveys heated air to the upper part of the fire chamber thus assisting to consume the smoke and eliminate objectionable smells



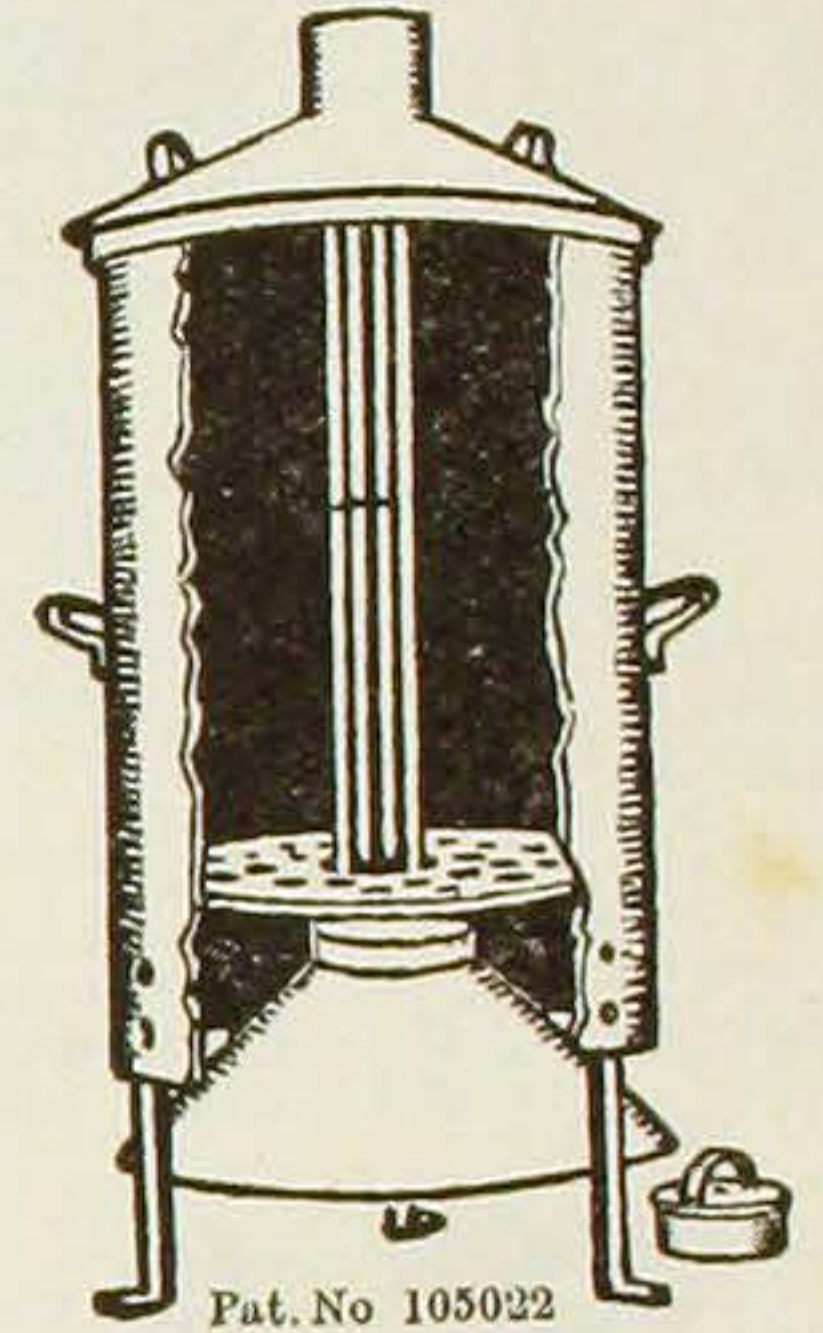
No. PHQ 5358 (Watson's Patent).

Size No.	Width at Base.	Height to Top Plate.	Price.
7	22½"	32"	127/- each.
8	34"	45"	310/- "

Price includes 4' Galvanised Steel Smoke Pipe and Cap, 20 W.G.

Constructed in sections, re-erection is simple. The cast iron sides and corner strips being retained firmly in position by triangular binding hoops, tightened by the blow of a hammer. No brickwork is required, but the destructor should be erected on level hard ground or concrete base. The tapered shape ensures steady feeding of the material; there is no "bridging" over the fire. By the downward projection of the chimney base into the Destructor, the smoke and fumes from freshly charged material are also forced down and through or over the hottest part of the fire, reducing smoke and smell to a minimum. Any outrush of smoke when charging is avoided, and the destructor may be filled right to the top and left to burn without attention for hours at a time.

Capacity : The two sizes No. 7 and No. 8 are capable of dealing with approximately ¼ ton and ½ ton respectively in a working day. The amount burned will however vary with the quality of the refuse and the method of working.



No. PHS 5359

Size No.	Diam.	Height.	Gauge.	Price.
1	17" x 24"	18		36/6 each.
2	19" x 32"	18		41/3 "
*3	19" x 38"	18		48/3 "
4	23" x 40"	18		54/10 "
5	23" x 46"	16		60/2 "

Covers included.

Galvanized Cover. Black Varnished Body.

The drawing shows the general construction which provides for sufficient draught to quickly and readily burn up all descriptions of refuse. For burning small quantities of domestic waste, cover with funnel, as this gives best results. There being a direct draught from under the dome and up the centre of furnace, there is not any difficulty in getting it well alight.

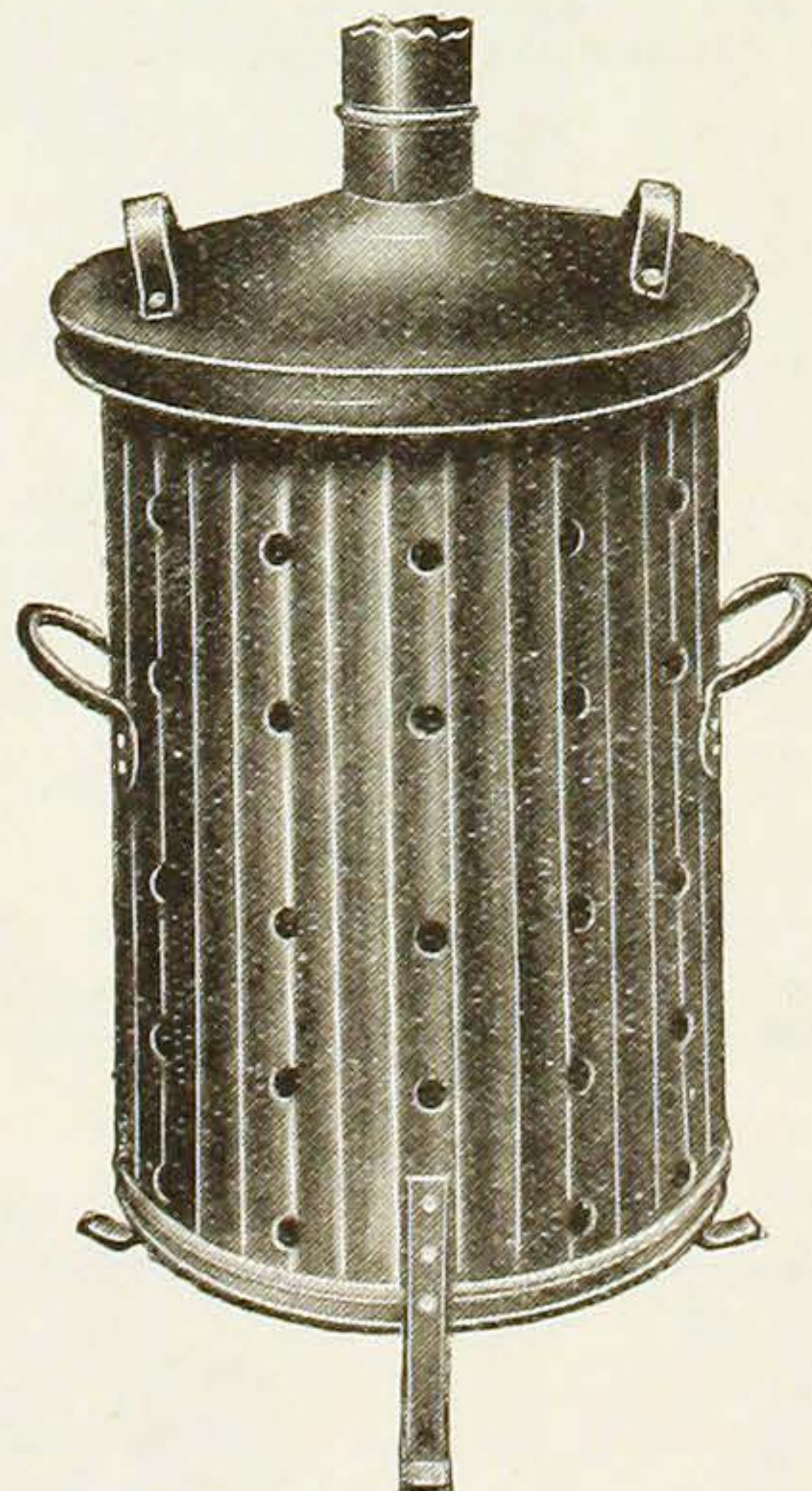
*Stock size.



No. PHQ 5360

Size.	Diameter.	Height.	Price.
1	19½"	29"	75/- each.
4	23"	29"	90/- "

Prices include 4' cast iron Pipe and Cap. Specially suitable for burning garden refuse and designed for outdoor use. Constructed for transport in sections which are easily screwed together.

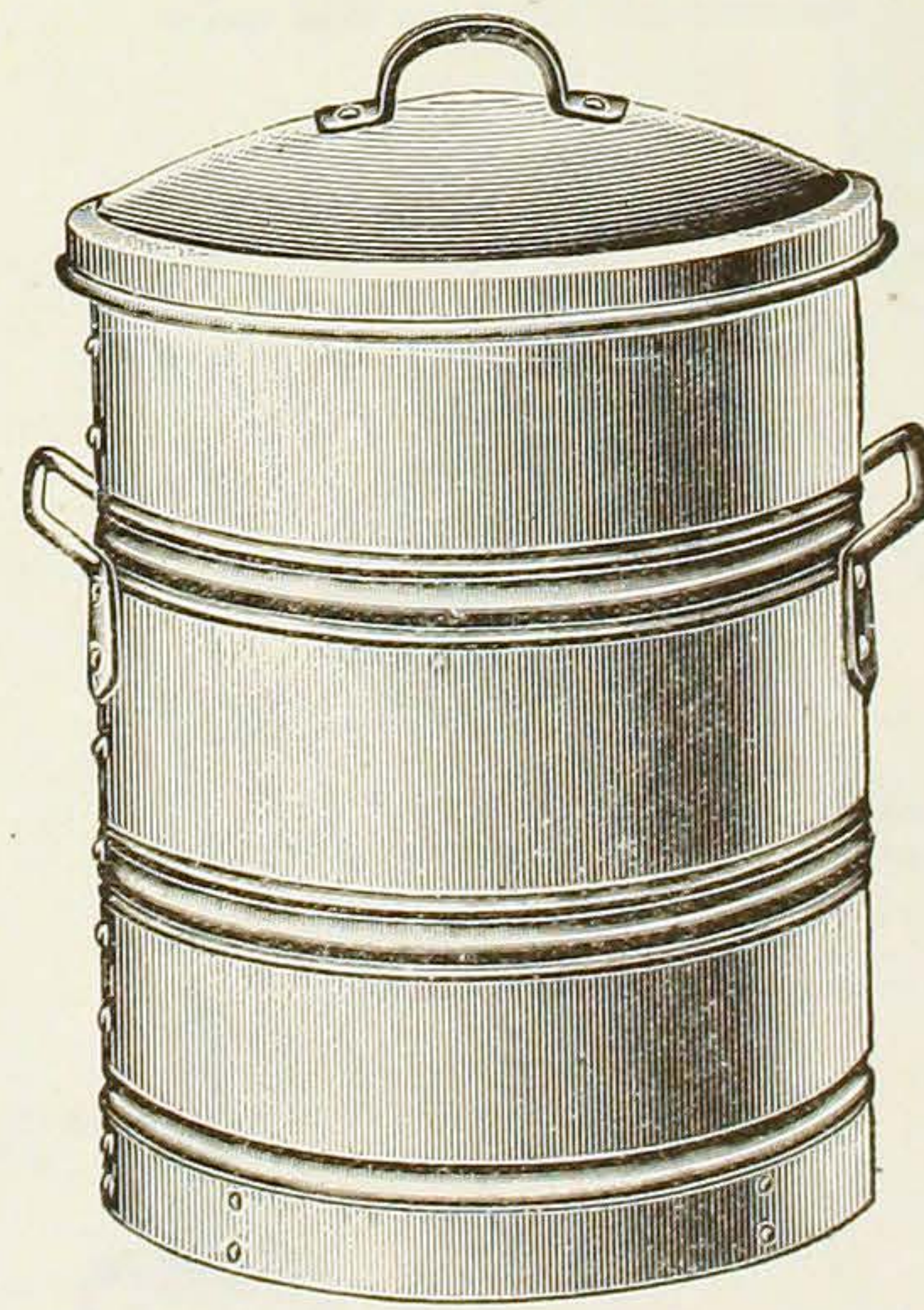


No. PHS 5396
THE "PARWINAC"
CORRUGATED REFUSE DESTRUCTOR.

Made of strong mild Steel Sheets, galvanized after manufacture. Perforated plain dome top can be supplied if desired, instead of that shown above.

Size.	Gauge.	Price.
*16" x 28"	20	18/- each.
16" x 28"	18	20/3 "
18" x 28"	20	21/6 "
18" x 28"	18	23/9 "

*Stock size.

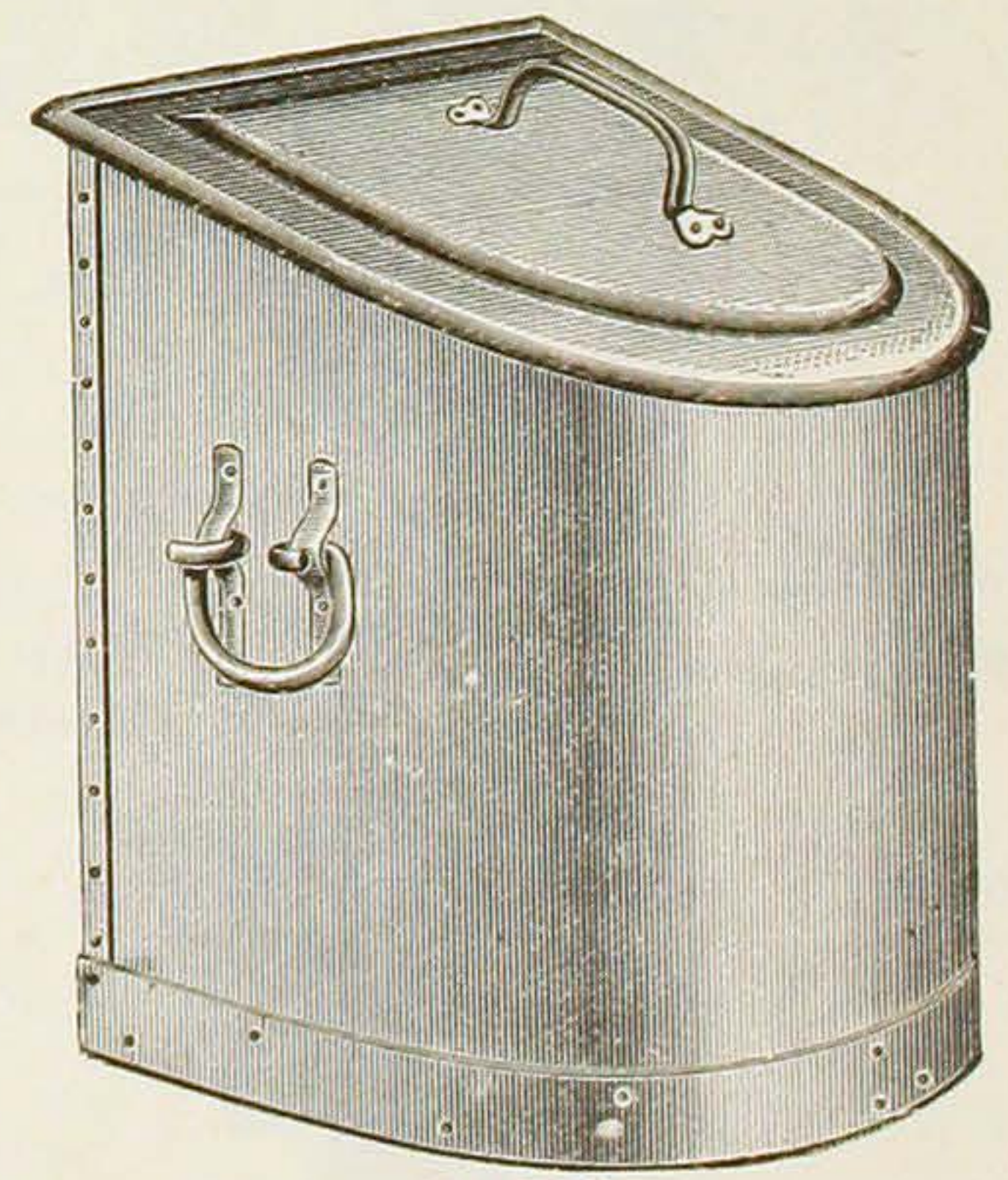


No. PHS 5348
EXTRA STRONG BIRMINGHAM
CORPORATION PATTERN DUST BINS.

Size	Weight	Price
24" x 18" x 27/8 lbs.		
Less than 6 ..	9/6 each.	Strictly
6 to 23 ..	9/- "	Nett
24 and up ..	8/9 "	Cash.

Other Patterns (Not B'ham Standard).
Size 20" x 30" x 25 lbs. .. 12/- each.
22" x 33" x 32/4 lbs. .. 17/3 "
24" x 18" x 18 lbs. 24G .. 9/- "
24" x 18" x 16 lbs. 26G .. 7/6 "

Galvanized Dust Bins



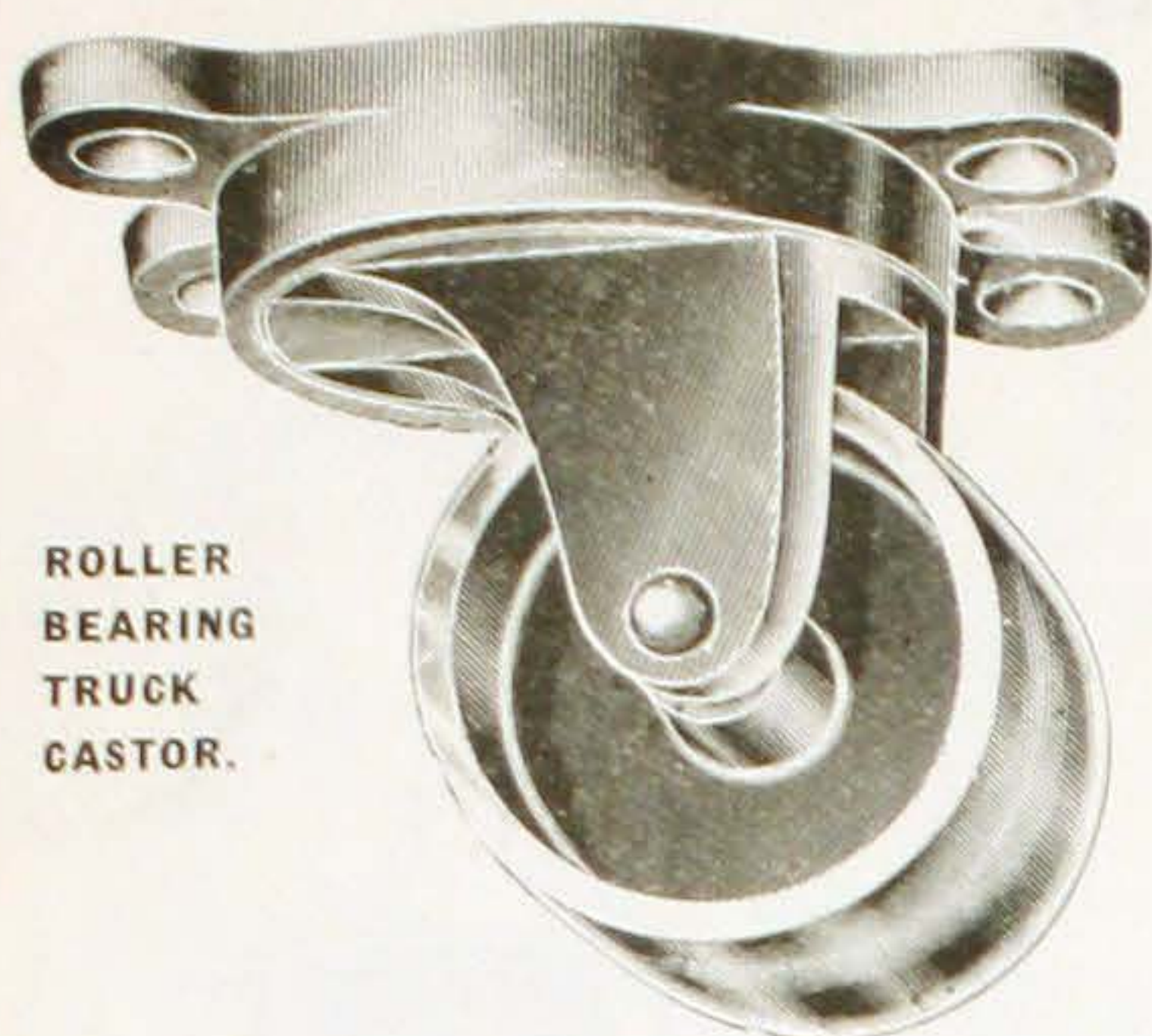
No. 5343

LEICESTER PATTERN
DUST BINS.

"D" shape. Weight 28 lbs.
Price 12/- each.

Birmingham Corporation Pattern Dust Bins being the Official Minimum Prices, are subject to Official alterations.

A Selection of Brass Hospital, Dinner, Tea and Service Wagon Castors



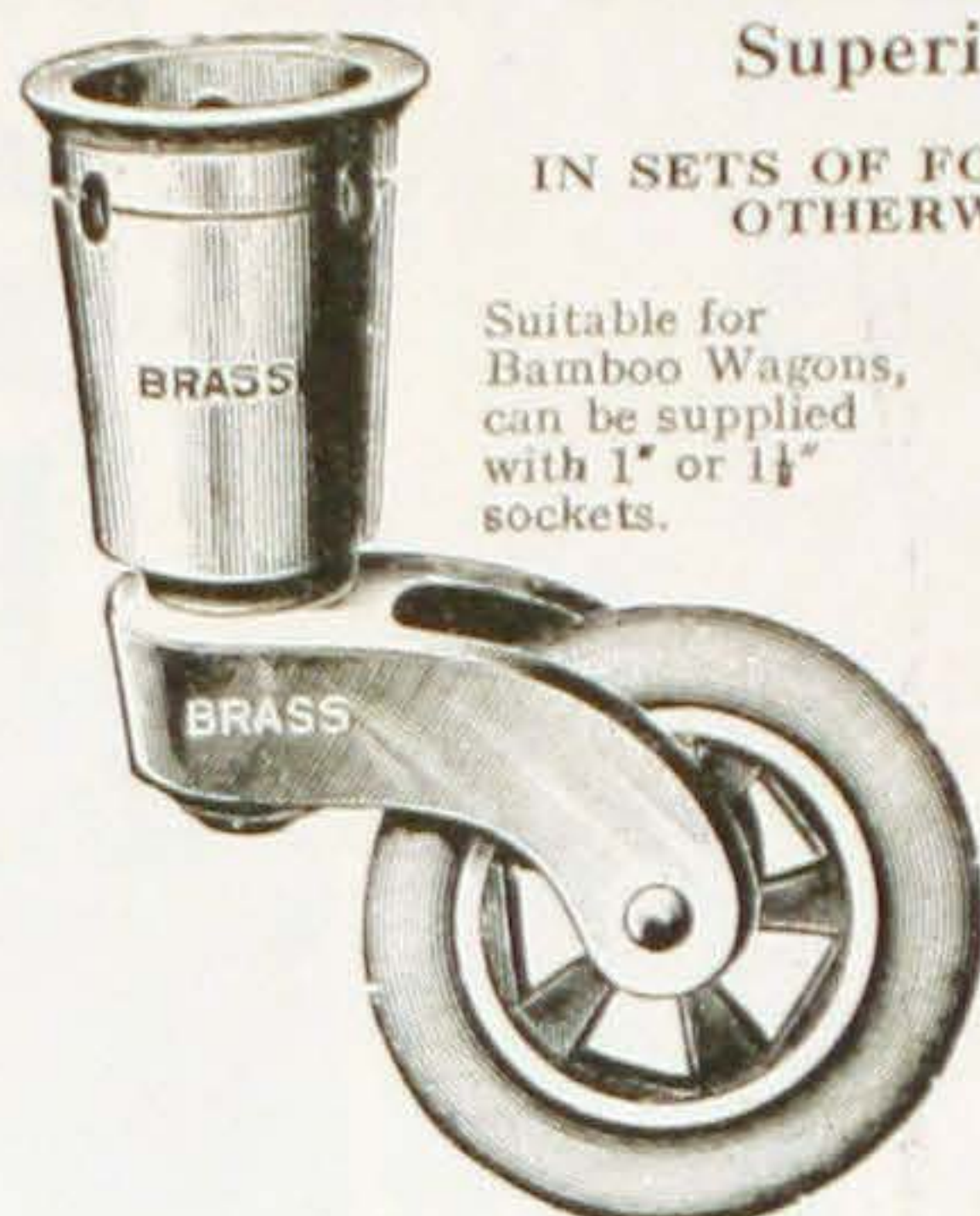
ROLLER
BEARING
TRUCK
CASTOR.

No. PHS 6402

Roller Bearing Castor, Plain Iron or Copper Bronzed.

Size.	Plate.	Wheel.	Height.	Plain.	C.	Bronzed.	Rubber Tyres.
1	2 1/4" x 1 1/4"	1 1/2"	2 1/2"	2/8	3/2	5/3	per set.
1A	2 1/4" x 1 1/4"	1 1/2"	2 1/2"	3/6	4/6	6/8	"
2	3" x 2 1/4"	2 1/2"	3 1/2"	4/-	5/-	8/4	"
3	4 1/4" x 2 1/4"	3 1/2"	4 1/2"	7/-	8/9	12/3	"
4	4 1/4" x 3 1/4"	4 1/2"	5 1/2"	9/8	11/6	18/6	"
5	4 1/4" x 3 1/4"	4 1/2"	5 1/2"	12/3	15/-	22/-	"

Nos. 4 and 5 can be supplied with Steel Ball Bearings and Steel Races at 27/3 and 35/- per set respectively.



BRASS

BRASS

Suitable for
Bamboo Wagons,
can be supplied
with 1" or 1 1/4"
sockets.

Superior Quality.

IN SETS OF FOUR EXCEPT WHERE
OTHERWISE STATED.

No. PHO 6696

With Special Deep Sockets.

Wheels	2"	2 1/4"	3"
Price	18/-	22/-	25/- per set.



TEA
WAGON
CASTOR.

No. PHO 6697

With 1 1/4" or 1 1/2" Sockets.

Wheels	2 1/4"	2 1/2"	3"
Price	18/6	20/6	22/9 per set



No. PHS 6711

BALL BEARING CASTOR.

Wheel 2 1/4" diameter.
26/9 single dozen, 2/4 each Castor.



No. PHO 6706

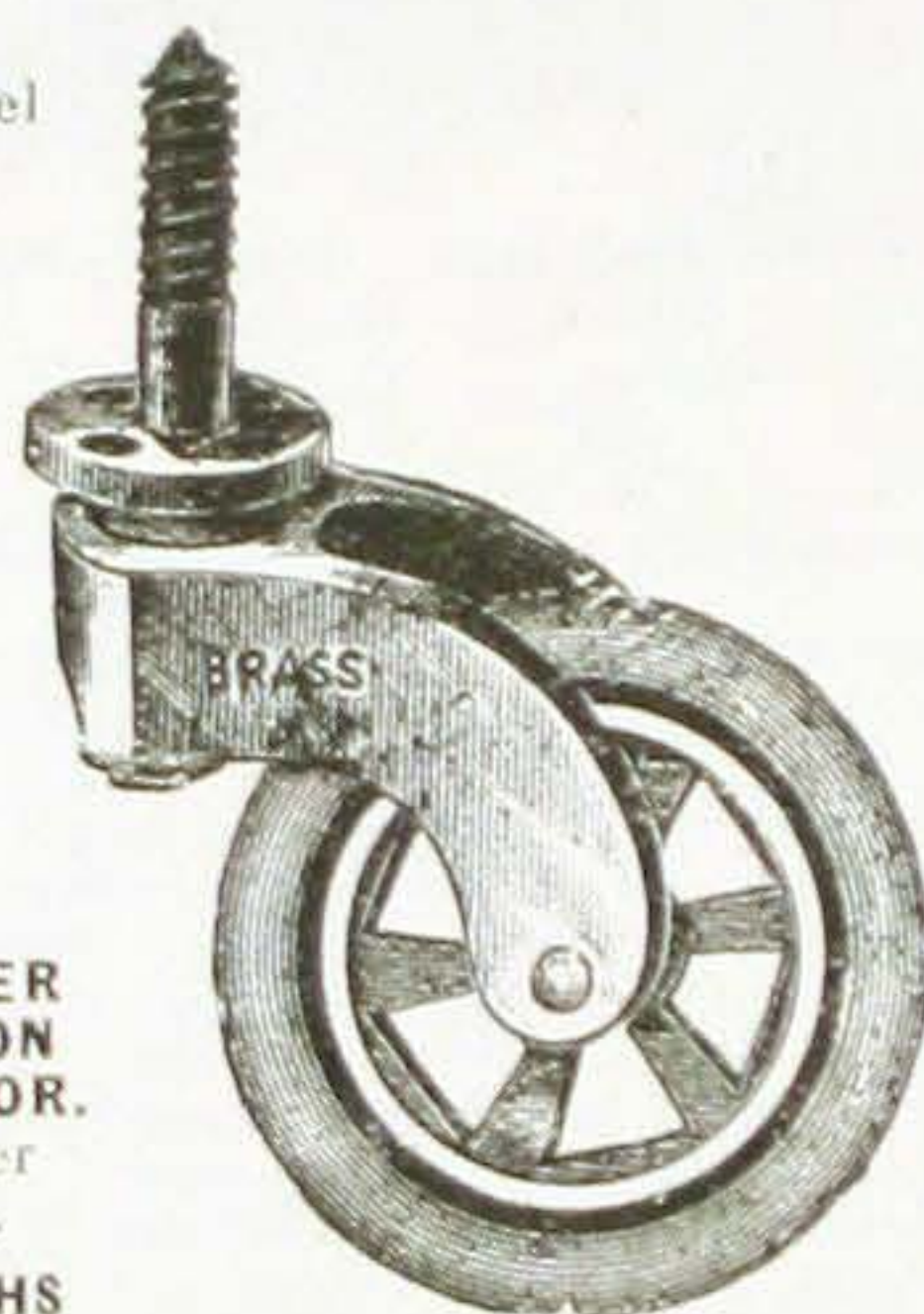
Electro Brassed
Socket
and Horn.

No. PHS 6705

With Brass Socket
and Electro
Brassed Horn.

Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
No. PHS 6705	2/8	3/2	3/4	4/-	4/6
No. PHO 6706	2/1	2/8	3/-	3/3	3/6

per set.



DINNER
WAGON
CASTOR.
Rubber
Tyred.

No. PHS
*6690

With Screw or Plain Pin Pegs.

Wheel	2 1/4"	3"	4"
Price	15/-	16/9	27/3 per set.
With 1 1/4" Brass Round Sockets.			
Wheel	2 1/4"	3"	4"
Price	17/6	19/3	29/9 "
With 1 1/4" Square Brass Sockets.			
Wheel	2 1/4"	3"	4"
Price	19/3	21/-	31/6 "

*Stocked only with Screw Pegs, Size 3"



LIGHT
WAGON
CASTOR.

Rubber
Tyred.

No. PHS*6691

With Screw or Plain Pegs.

Wheel	2"	2 1/4"	3"
Price	10/2	13/2	18/6 per set.
With 1 1/4" Brass Round Sockets.			
Wheel	2"	2 1/4"	3"
Price	12/9	16/-	21/- per set.
With 1 1/4" Brass Square Sockets.			
Wheel	2"	2 1/4"	3"
Price	14/6	17/6	22/9 per set.

*Stocked only with Screw Pegs.



BEDSTEAD
CASTOR.
Rubber
tyred.

No. PHO 6692

With Solid Wheels.

Wheel	2"	2 1/4"	3"
Price	9/8	11/6	13/2 per set.



TABLE
CASTOR.
Solid
Brass.

No. PHO 6694

Wheel	1 1/2"	1 3/4"	2"
With Brown China Bowl	6/3	7/6	10/8 per set.
With Brass Bowl	8/6	9/9	13/3 "



SCREW
CASTOR.
Electro
Brassed.

No. PHS
6704

Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
With Brown China Bowls	8/9	11/6	13/6	16/9	20/3

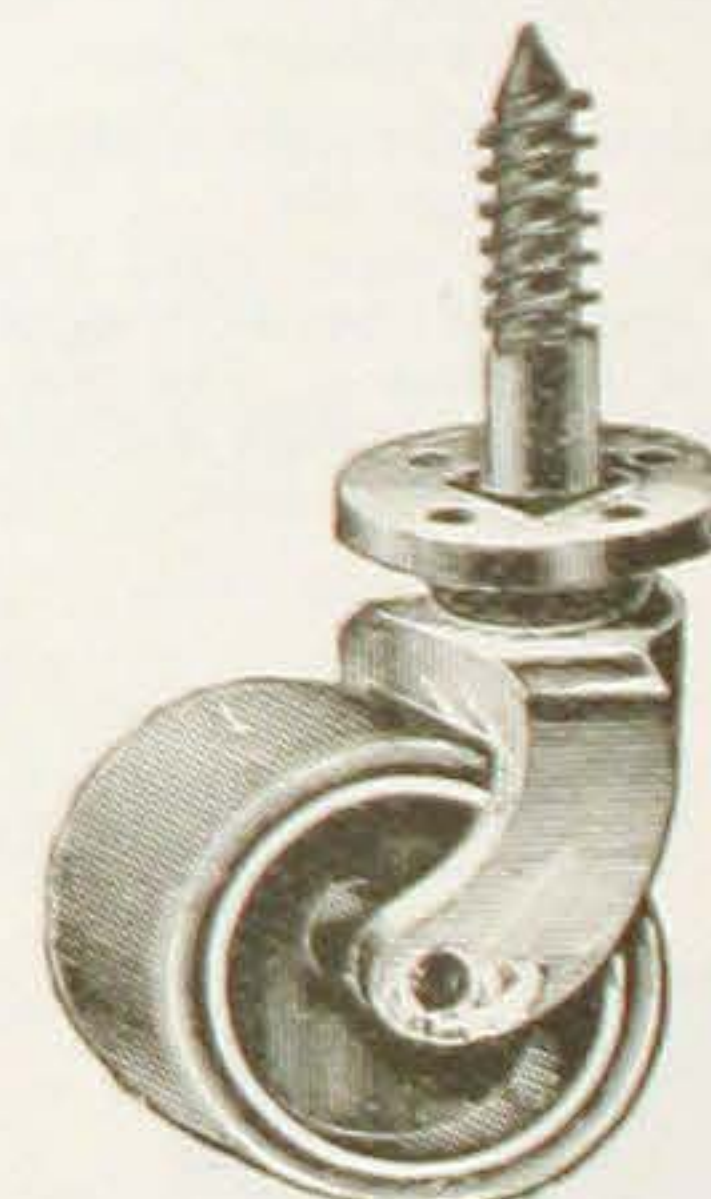
Per dozen sets.



TABLE
CASTORS
AND
RINGS.

No. PHO 6695

Wheel	1 1/4"	1 1/2"
Rings	8/-	9/8 dozen sets.
Castors	20/3	22/- "



SCREW
CASTOR.
Brass.

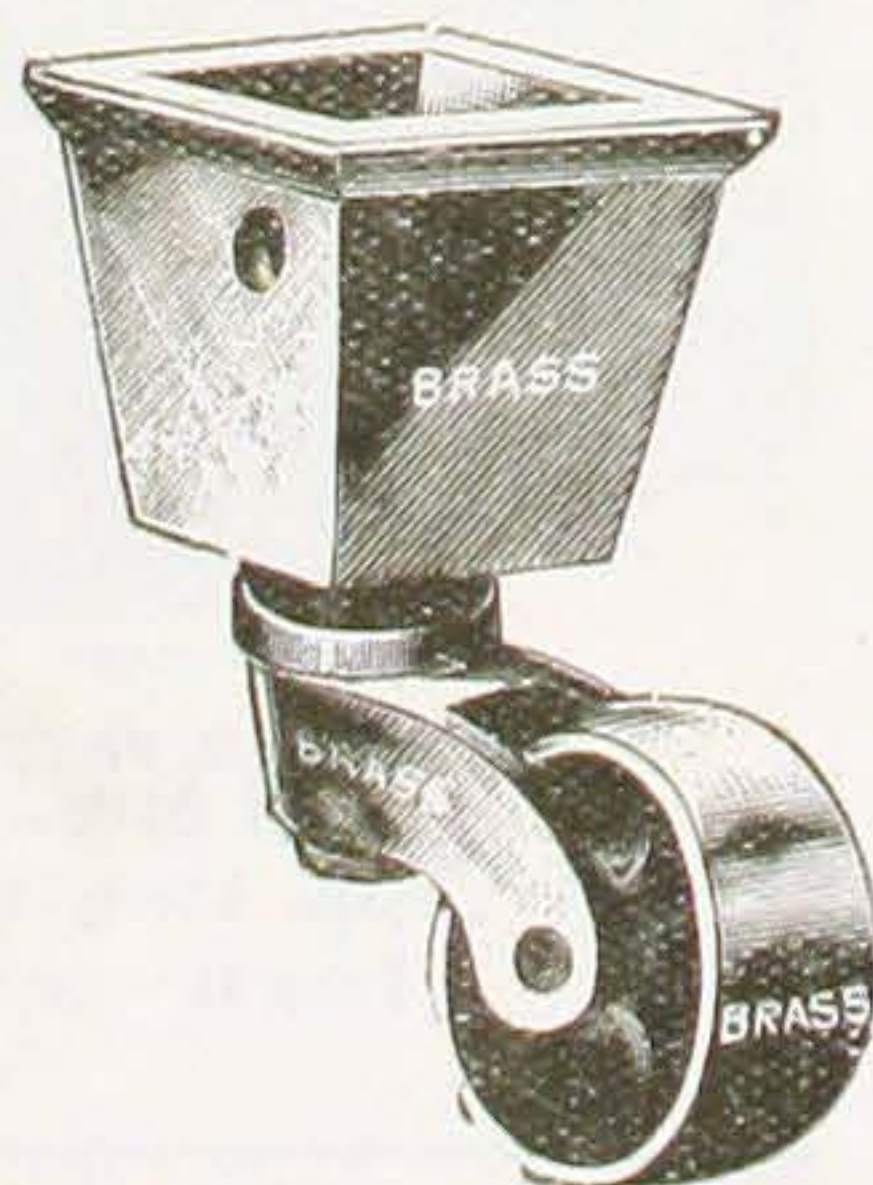
No. PHO 6700

Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
Price	7/6	8/-	8/4	10/8	13/3

per set.

"B" Basis.

PHS—Stock Lines;
PHO—To Order only.



SOCKET
CASTOR.

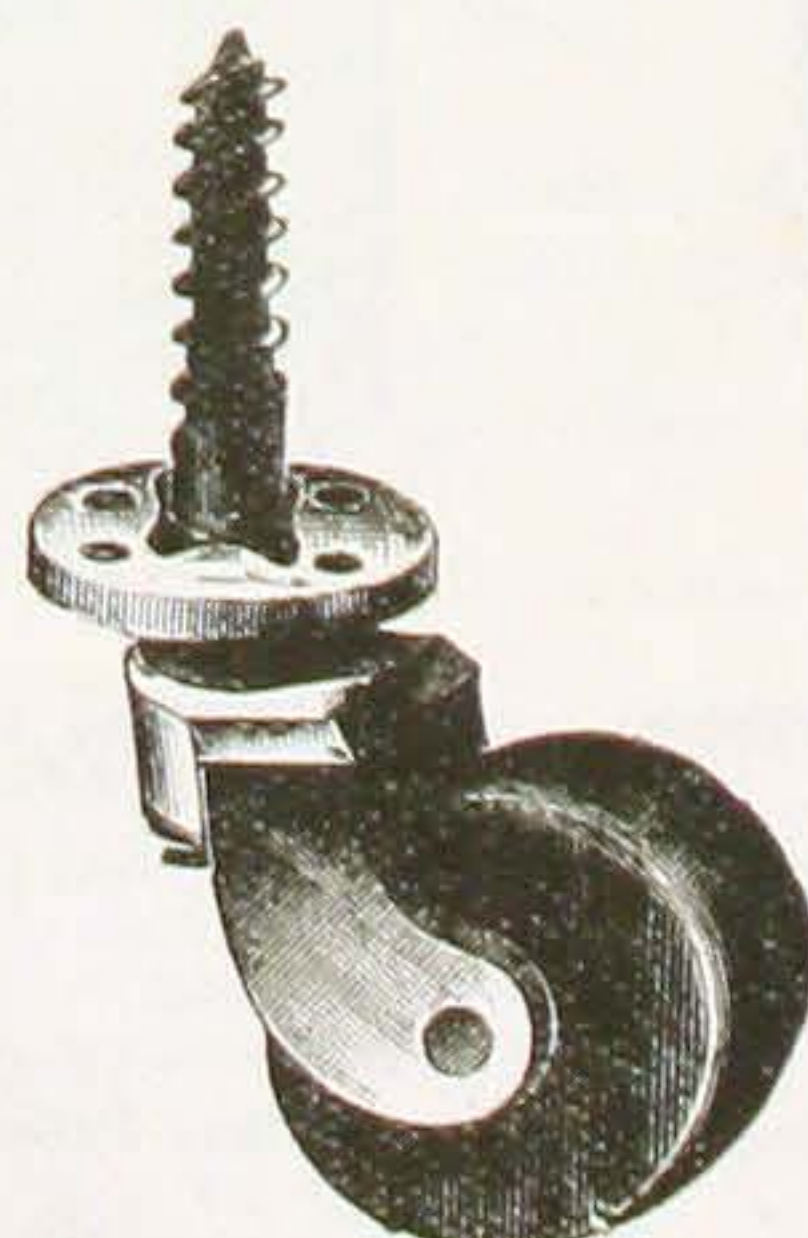
Brass,
Square Socket

No. PHS*6701

Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
With Brown China Bowl	4/-	5/-	5/4	5/9	6/8
With Brass Bowl	5/9	6/8	7/2	7/6	8/10

Per Set.

*Stocked with Brass Bowls only.

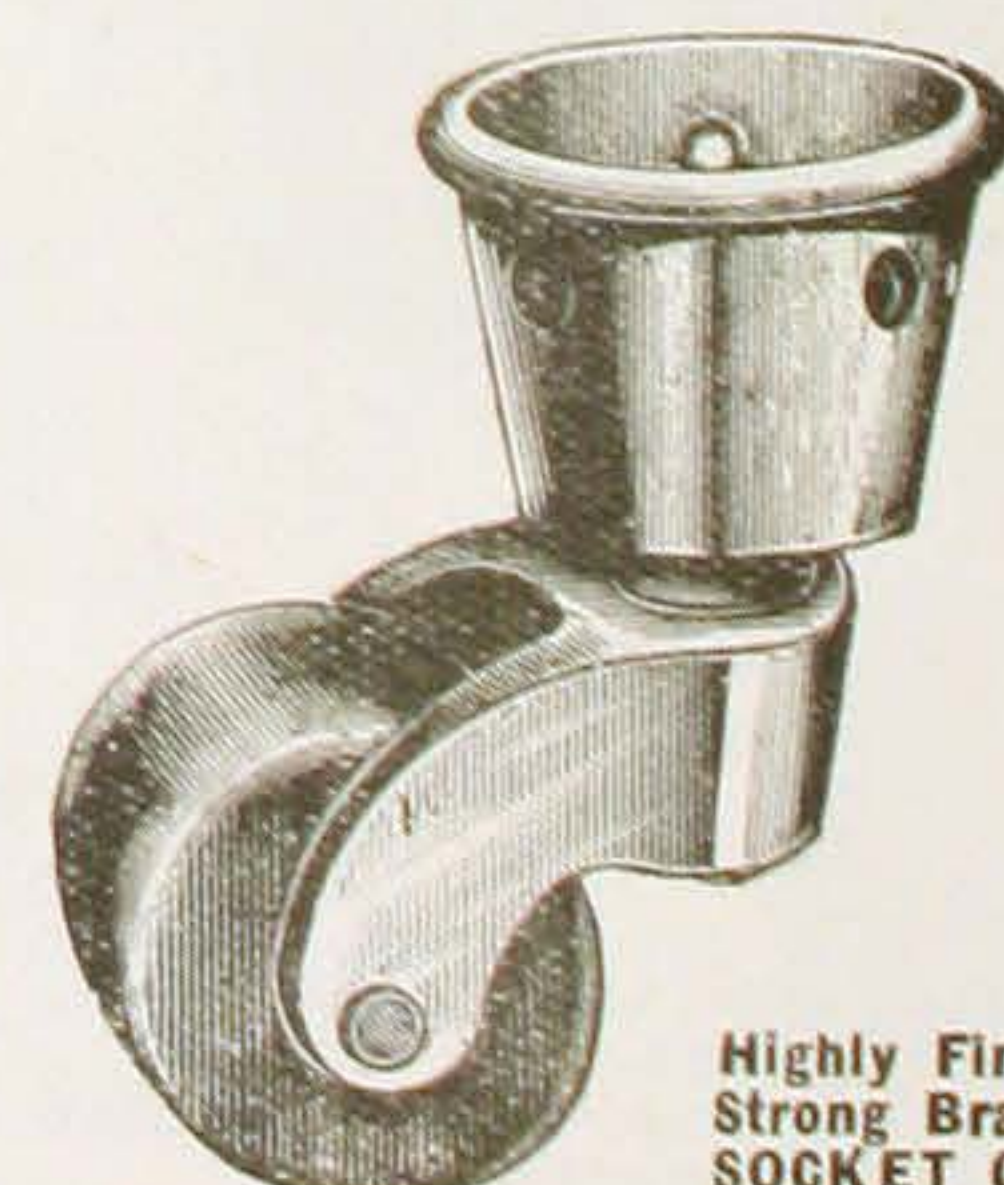


SCREW
CASTOR.
Brass.

No. PHS 6699

Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
With Brown China Bowl	2/-	2/2	2/4	2/9	3/2
With Brass Bowl	3/4	3/6	3/9	4/2	4/11

Per Set.



Highly Finished
Strong Brass
SOCKET CASTORS.

No. PHS*6698

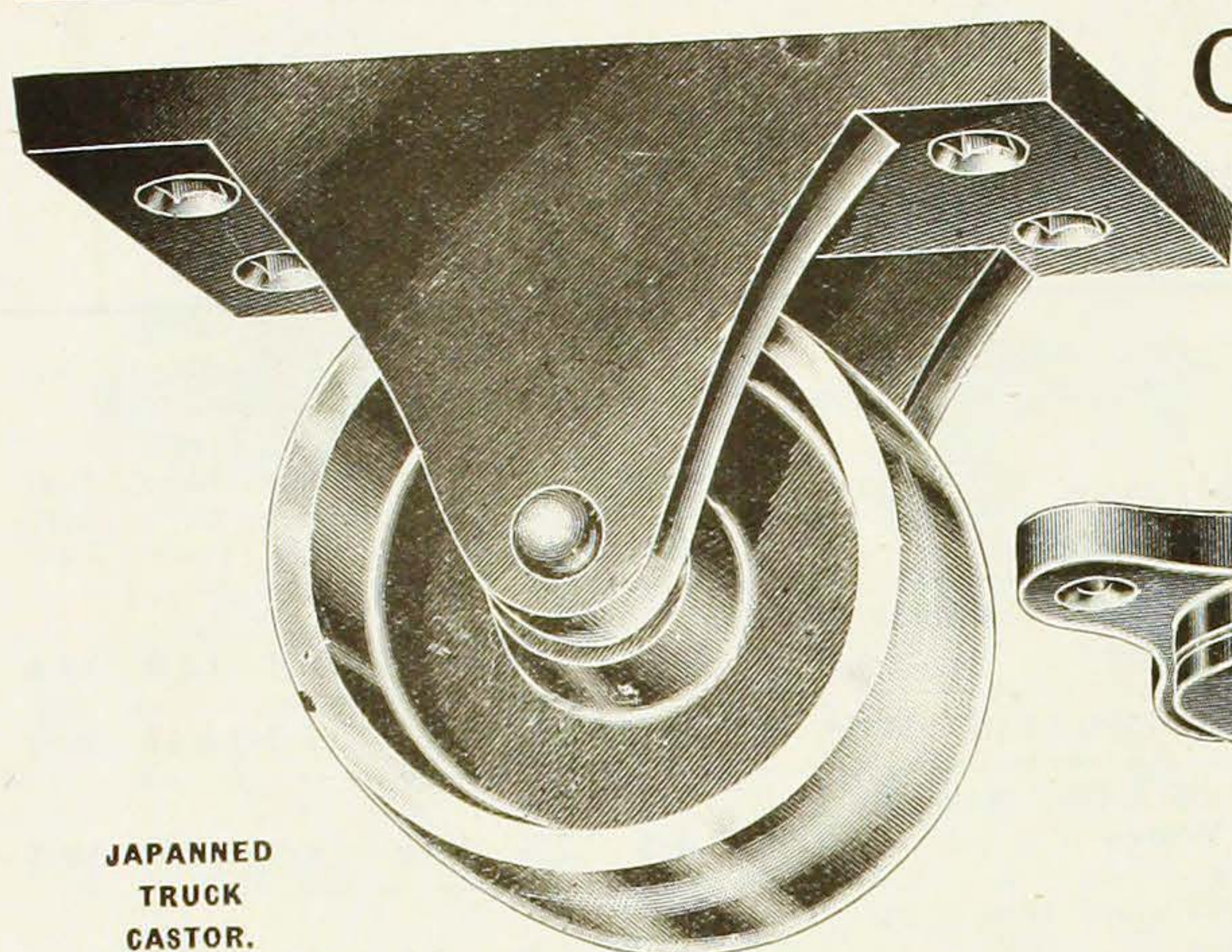
Wheel	1"	1 1/4"	1 1/2"	1 3/4"	2"
With Brown China Bowl	3/4	3/8	3/11	4/11	5/10
With Brass Bowl	5/1	5/5	5/10	7/2	8/5

Per Set.

*Stocked with Brown Bowl only.

Castors

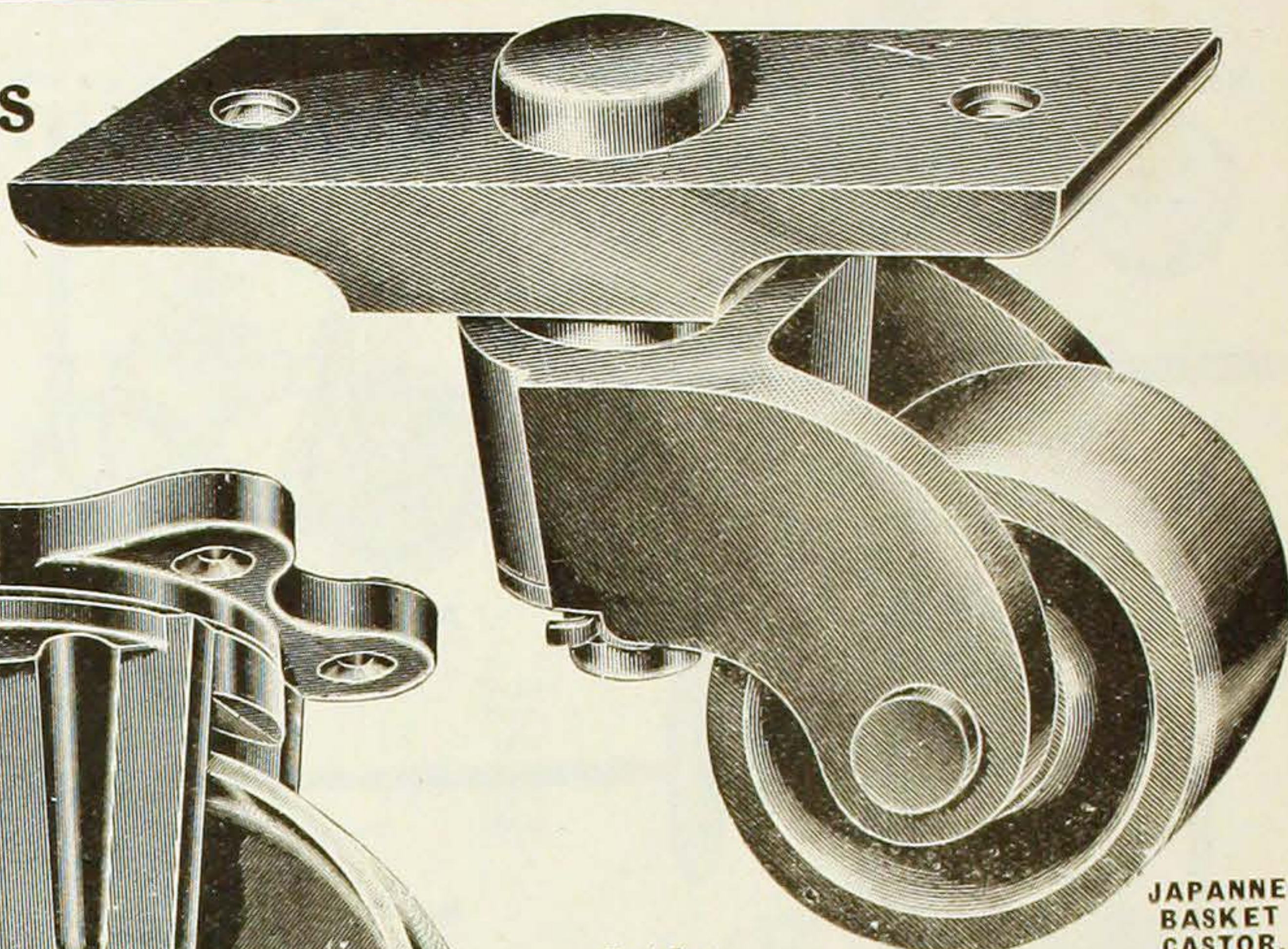
BEST QUALITY.
Per Set of Four.



**JAPANNED
TRUCK
CASTOR.**

No. PHS 6693		With Rubber Tyres.	
Size of Plate.	Size of Wheel.	Height.	Per set.
4 1/2" x 2"	2 1/2" x 1 1/4"	2 1/2"	6/2
5 1/2" x 2 1/2"	3" x 1 1/2"	3 1/2"	12/3
6" x 2 1/2"	4" x 1 1/2"	5"	19/3
7 1/2" x 2 1/2"	5" x 1 1/2"	6 1/2"	24/6
7 1/2" x 3"	5" x 1 1/2"	6 1/2"	28/-

Can be supplied with Fixed Bowls or Strong Steel Pin and Cotter.

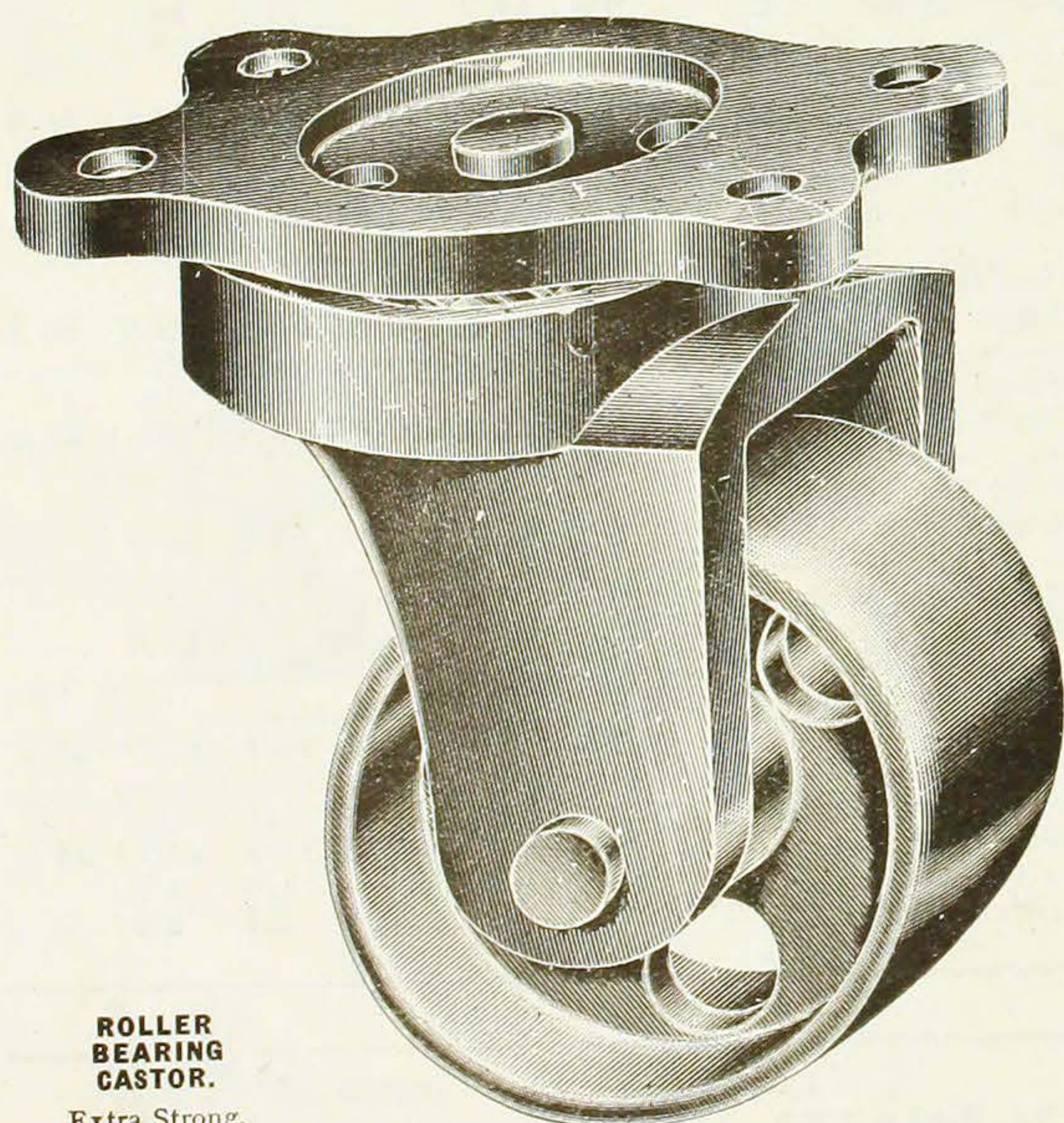


**JAPANNED
BASKET
CASTOR.**

Cast Iron.

No. PHS 6703		With Rubber Tyres.	
Size of Plate.	Diam. of Wheel.	Height.	Per set.
4 1/2" x 2 1/2"	2 1/2"	3 1/2"	12/3
5 1/2" x 2 1/2"	3"	4 1/2"	13/3
6 1/2" x 2 1/2"	3 1/2"	5"	17/6
7" x 2 1/2"	4"	5 1/2"	19/3
7" x 3"	4 1/2"	6"	22/9

Frames fitted with Strong Steel Pins and Cotters. Bowls fixed with Rivet or loose Steel Pins and Cotters. These Castors can also be supplied with grooved Bowls for Rubber Tyres at the above prices.



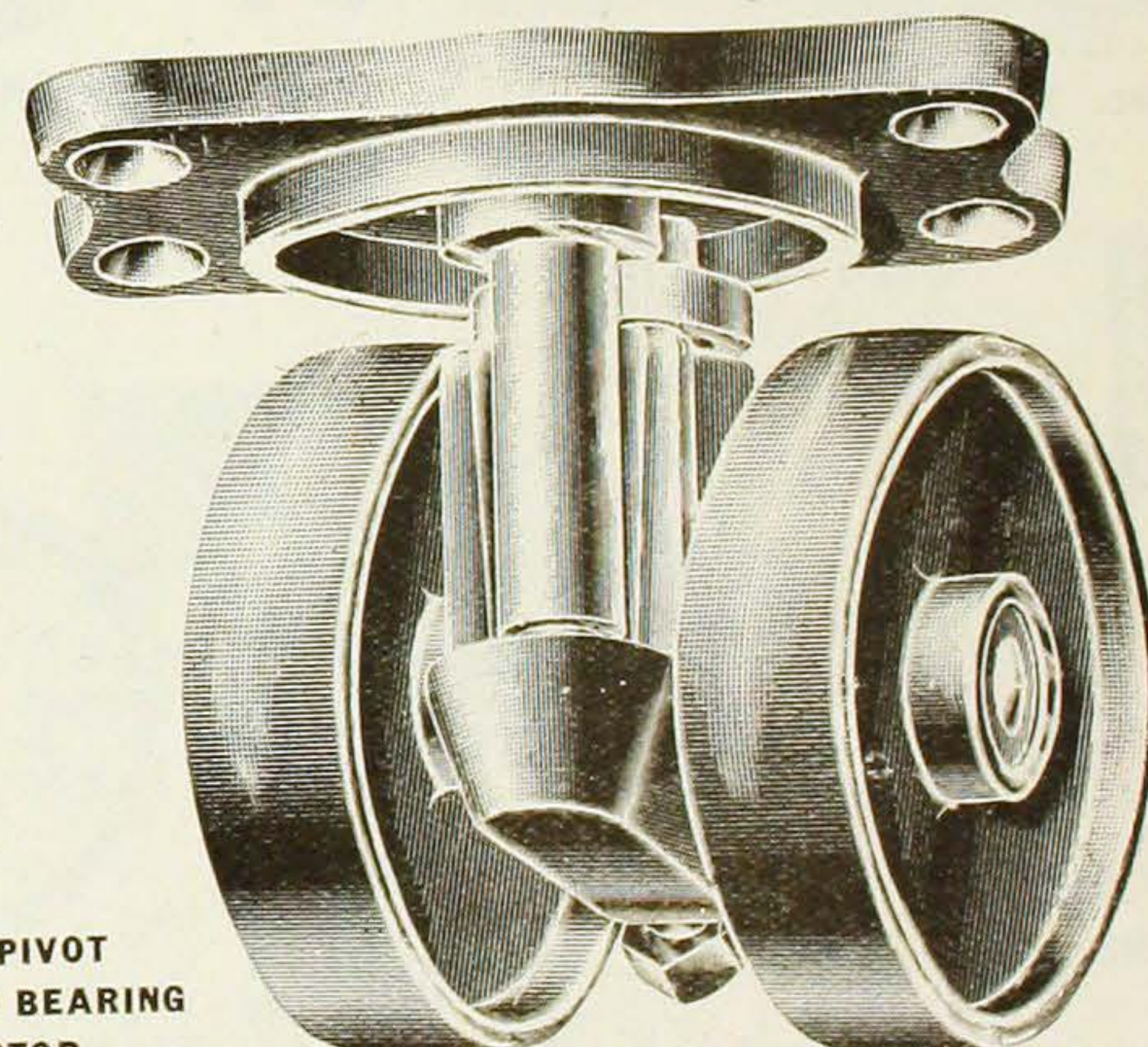
**ROLLER
BEARING
CASTOR.**

Extra Strong.

No. PHS 6702		With Rubber Tyres.	
Size of Plate.	Size of Wheel.	Height.	Per set.
4 1/2" x 3 1/2"	3" x 1 1/2"	4 1/2"	12/3
5 1/2" x 3 1/2"	4" x 1 1/2"	5 1/2"	18/6
6" x 3 1/2"	5" x 1 1/2"	7"	31/6
7" x 3 1/2"	6" x 1 1/2"	8"	56/-

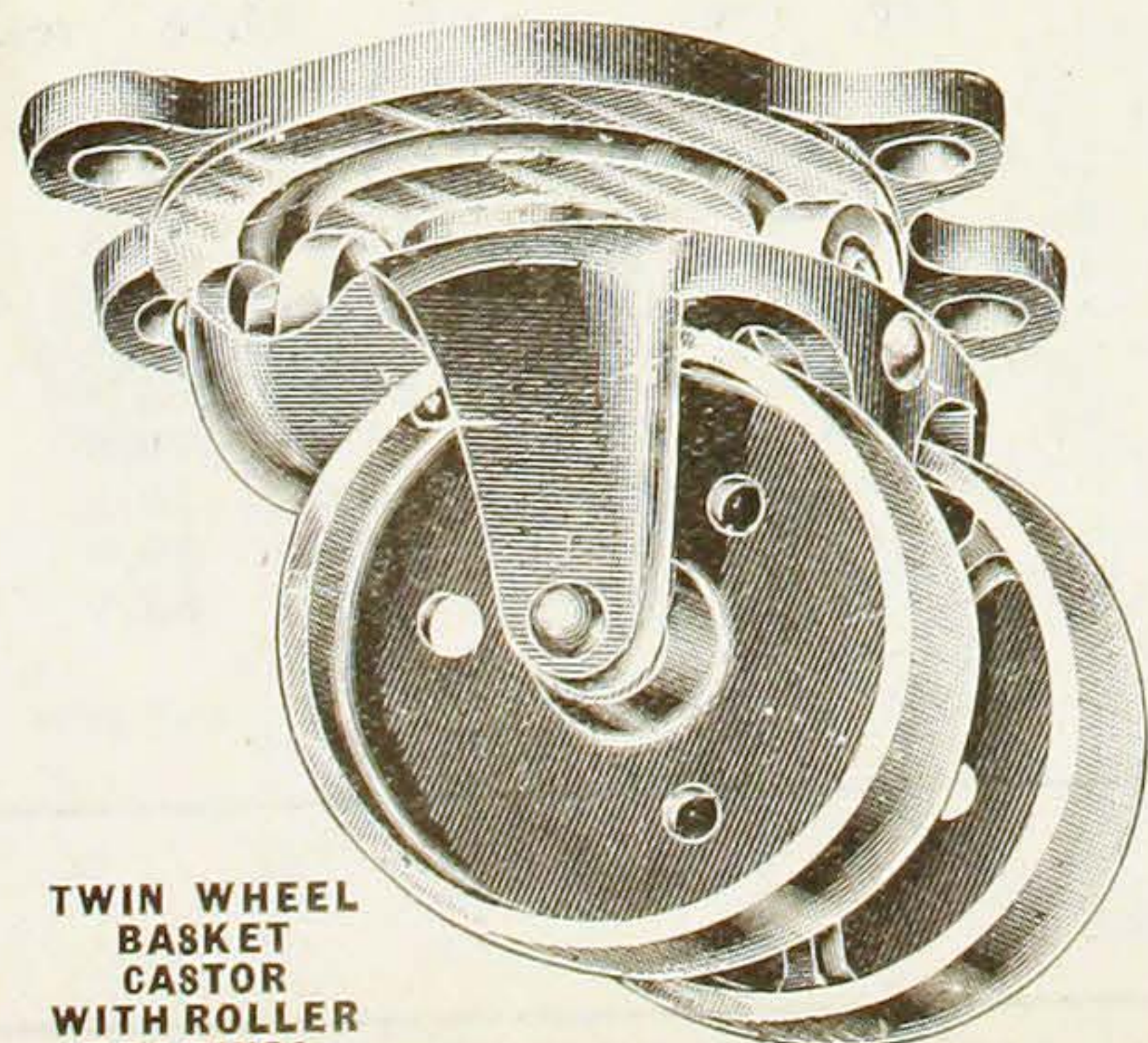
Well fitted with 3/8" Bolt at top and Steel Rollers. Can be supplied with Fixed Bowls or Strong Steel Pin and Cotter.

No. PHS 6702 BALL BEARING TRUCK CASTOR.



**PIVOT
ROLLER BEARING
CASTOR.**

No. PHS 6708		Per set.	
Size of Plate.	Diameter of Wheel.	Height.	Per set.
5" x 3 1/2"	3 1/2" x 1 1/2"	4 1/2"	22/-
6 1/2" x 4 1/2"	4" x 1 1/2"	5 1/2"	38/6



**TWIN WHEEL
BASKET
CASTOR
WITH ROLLER
BEARINGS.**

No. PHS 6709

TWIN WHEEL BASKET CASTOR, ROLLER BEARINGS.

No. PHS 6709		Per set.	
Size of Plate.	Diameter of Wheel.	Height.	Per set.
2 1/2" x 2"	1 1/2"	2 1/2"	6/2
3 1/2" x 2 1/2"	2"	3 1/2"	8/9
4 1/2" x 3 1/2"	2 1/2"	4 1/2"	10/6
5 1/2" x 4 1/2"	3 1/2"	5 1/2"	14/-
6 1/2" x 4 1/2"	4"	6"	27/3

No. PHS 6710 "ACME" BALL CASTOR, SQUARE SOCKET.

To Screw on.		Per Set of Four.	
Size of Plate	Diameter of Large Balls	With China Balls.	With Steel Balls.
1"	3/4"	—	5/10
1 1/4"	1"	—	8/3
1 1/2"	1 1/4"	6/8	7/6
1 3/4"	1 1/2"	7/1	8/-
2"	1 3/4"	8/4	10/10
2 1/4"	2"	10/10	14/2
2 1/2"	2 1/4"	14/2	17/6
2 3/4"	2 1/2"	17/6	20/9
3"	2 3/4"	20/9	24/3

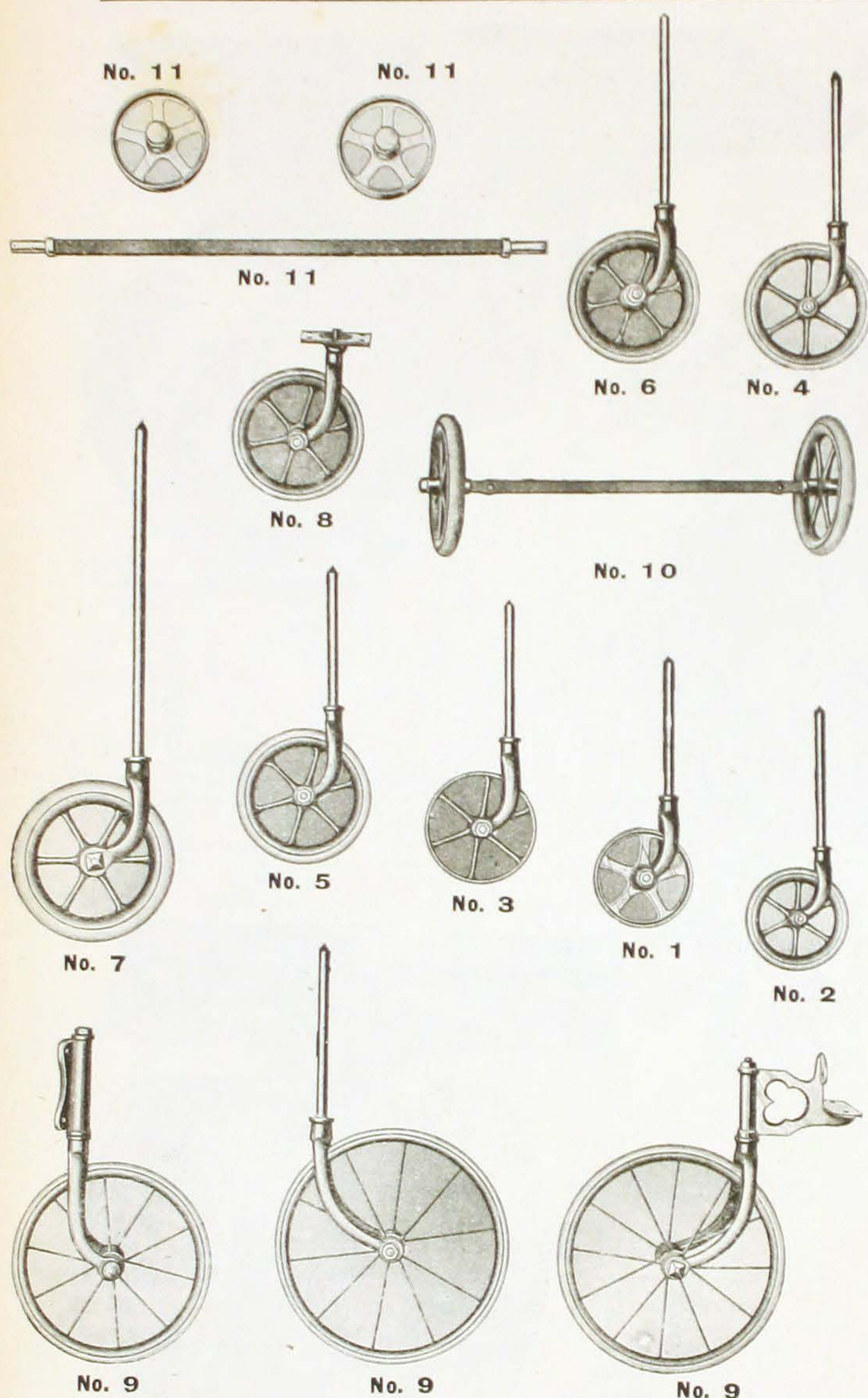


No. PHS 6710

The 2 1/2" size is highly suitable for Pianos, etc

"B" Basis.

PHS—Stock Lines in most sizes.



No. PHQ 6771

Wheels for Trolleys, Merlin Chairs, etc.

Wheels.	DESCRIPTION.	PRICE.			PRICE.		
		Single Wheel Pair			Single Wheel Pair		
		Single Wh'ls only.	with Fork.	with Axle.	Single Wh'ls only.	with Fork.	with Axle.
No. 1	Malleable Iron Reclining Chair Wheels ... 5"	4/10	7/6	14/11	10/1	12/9	25/6
.. 1	Brass Reclining Chair Wheels ... 5"	7/-	9/8	19/3	12/3	14/11	29/9
.. 2	$\frac{3}{16}$ " Rubber Tyre Malleable Iron Wheels ... 5"	4/5	7/-	10/6	8/9	11/6	19/3
.. 3	$\frac{1}{2}$ " Light Oval Iron Tyre Wheels ... 6"	4/-	6/7	9/8	8/4	11/-	18/6
.. 4	$\frac{1}{2}$ " Rubber Tyre Malleable Iron Wheels ... 6"	5/3	7/11	12/3	9/3	11/10	20/2
.. 5	$\frac{3}{4}$ " Rubber Tyre Malleable Iron Wheels ... 7"	6/7	10/1	14/11	11/5	14/11	24/6
.. 6	$\frac{3}{4}$ " Rubber Tyre Malleable Ball-bearing Wheels ... 7"	9/8	13/2	—	14/6	18/-	—
.. 7	1" Rubber Tyre Malleable Wheels ... 8"	10/6	17/6	24/6	17/6	24/6	38/6
.. 8	$\frac{3}{4}$ " Rubber Tyre Malleable Wheels with Castor ... 7"	6/7	11/-	14/11	11/5	15/9	24/6
.. 9	$\frac{1}{2}$ " Grey Wired Tyre, Wire Spoke Wheels ... 12"	5/3	11/6	15/9	17/6	23/9	40/3
.. 9	$\frac{3}{4}$ " Grey Wired Tyre, Wire Spoke Wheels ... 12"	7/4	13/6	20/2	24/6	30/11	52/6
.. 10	$\frac{1}{2}$ " Grey Wired Tyre, Wire Spoke Wheels with Bracket ... 12"	—	14/-	—	—	26/3	—
.. 10	$\frac{3}{4}$ " Grey Wired Tyre, Wire Spoke Wheels ... 12"	—	16/1	—	—	33/9	—
.. 11	Malleable Iron Reclining Chair Wheels ... 5"	4/10	7/6	14/11	10/1	12/9	25/6
.. 12	$\frac{3}{4}$ " Rubber Tyre Malleable Iron Wheels ... 7"	6/7	10/1	14/11	11/6	14/11	24/6
	$\frac{1}{2}$ " ditto (with Castor) ... 2 $\frac{1}{4}$ "	—	—	—	1/9	4/5	—
	$\frac{1}{16}$ " ditto (with Castor) ... 3"	—	—	—	2/3	5/9	—

No. PHQ 6772

RUBBER TYRE WHEELS for INVALID CHAIRS, BASKET CARRIAGES and PARCEL CARTS, ETC. (Pairs).

These have $3\frac{1}{2}$ " Hubs, $\frac{11}{16}$ " bore, No. 2 Axle, Caps and Fittings.

Ins.	Grey Cemented Tyres.				Grey Wired Tyres.				White Wired Tyres.			
	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
10"	15/9	18/10	21/-	23/9	17/1	21/6	26/3	31/3	19/9	25/9	30/-	34/3
or 12"	17/3	20/9	22/9	25/-	19/-	24/-	29/-	34/3	22/-	27/3	31/9	36/9
14"	18/9	22/-	24/6	26/9	19/9	25/6	31/3	36/6	23/9	29/6	34/9	40/-
16"	19/9	23/9	26/-	28/6	21/-	27/9	33/3	40/-	25/-	31/6	37/9	43/9
18"	21/-	26/-	28/3	30/9	22/9	29/6	36/-	42/-	27/3	34/9	41/9	48/9
20"	22/9	27/9	30/-	32/10	24/6	31/3	38/6	45/6	29/6	38/6	45/6	54/9
23"	24/3	29/3	31/6	34/9	26/3	33/-	40/3	48/9	31/6	41/3	49/-	57/9
25"	26/-	30/9	33/-	36/6	28/-	35/6	43/6	52/3	33/9	44/3	53/-	62/3
28"	—	32/6	34/9	38/3	—	38/3	46/-	55/3	—	48/3	56/6	66/3
30"	Per pair.				Per pair.				Per pair.			

Extra for Malleable Iron Hubs and $\frac{3}{16}$ " Spokes, 3/6 per pair.

No. PHQ 6773

WIRED RUBBER TYRED WHEELS for PARCEL CARTS, TRUCKS, Etc.

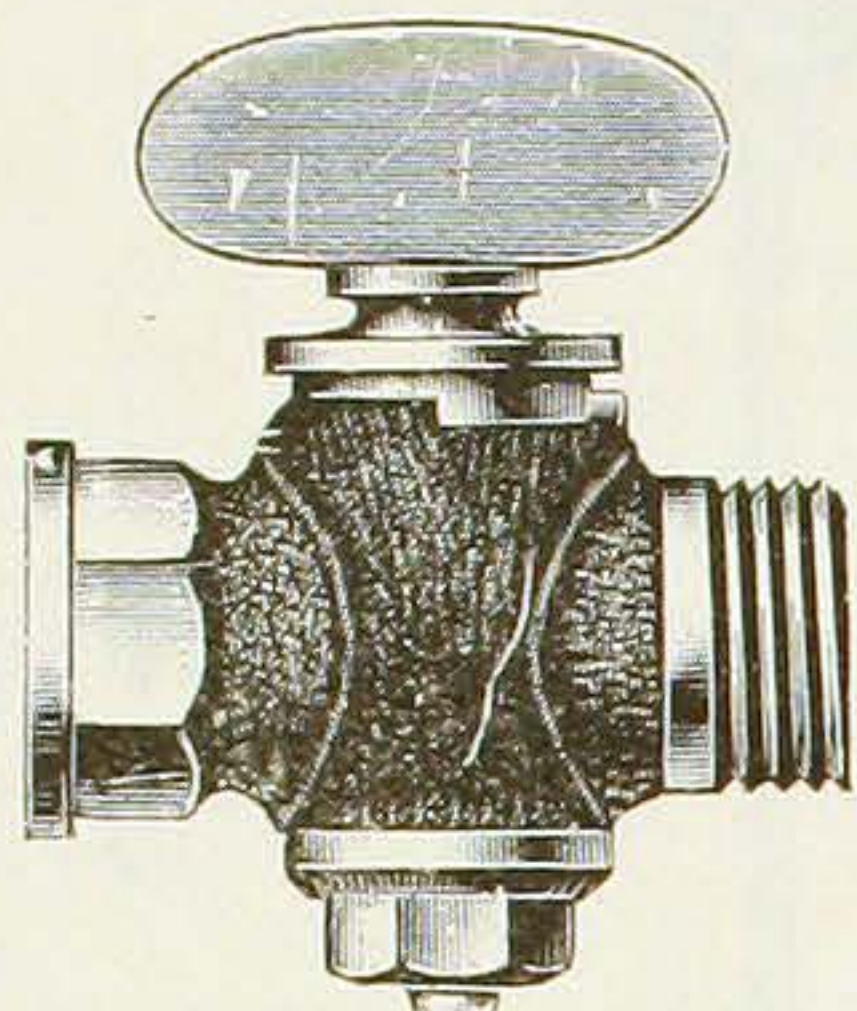
These have $4\frac{1}{2}$ " heavy Malleable Hubs, $\frac{7}{8}$ " bore, $\frac{1}{4}$ " spokes, short No. 4 Axle Arms, Caps and Fittings.

	Grey Tyres.			White Tyres.		
	$\frac{7}{8}$ "	1"	1 $\frac{1}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{4}$ "
12"	43/9	48/9	59/3	47/6	51/9	61/3
14"	46/6	51/9	63/-	49/3	54/3	64/9
16"	48/7	54/-	66/3	52/3	57/6	70/6
18"	50/9	57/6	70/6	55/3	61/3	75/3
20"	53/6	59/6	73/6	59/3	66/3	82/-
23"	56/-	63/-	78/9	63/-	70/6	86/3
25"	57/9	66/3	83/9	66/6	75/3	92/9
28"	61/-	69/9	88/-	70/6	79/9	98/6
30"	63/6	72/9	92/-	74/-	83/9	103/9
	Per pair.			Per pair.		

"B" Basis.

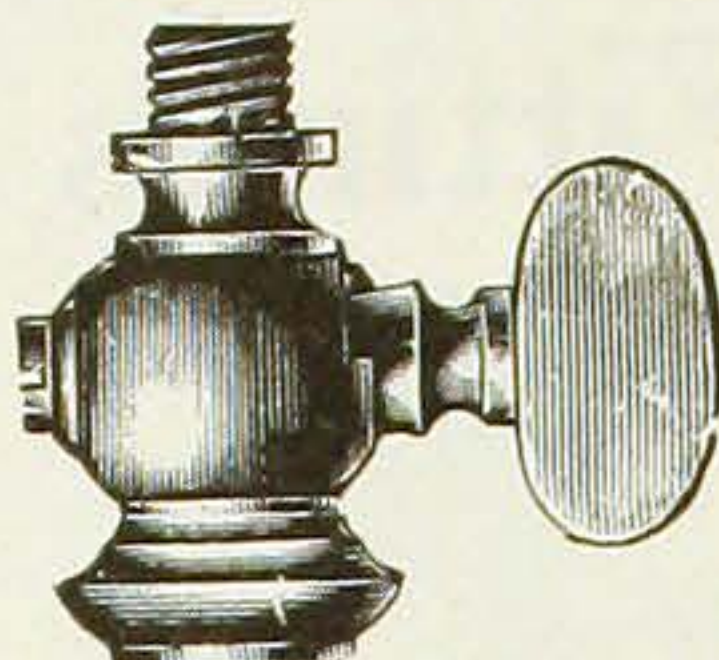
PHQ—Quick Delivery.

Small Gas Fittings



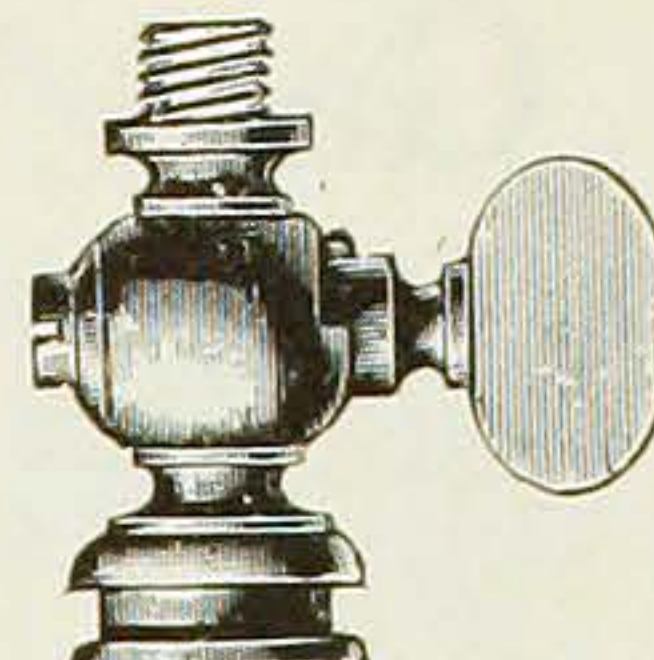
**No. PLS 3265
MAIN COCK.**
With Oval Thumb Plug. M. and F. for Iron. With Oval gas way.

Size.	Each.	Dozen.
1/8"	1/3	14/6
1/4"	1/9	20/-
3/8"	2/3	26/6
1/2"	3/6	40/-
5/8"	5/6	64/-
1 1/4"	10/8	126/-



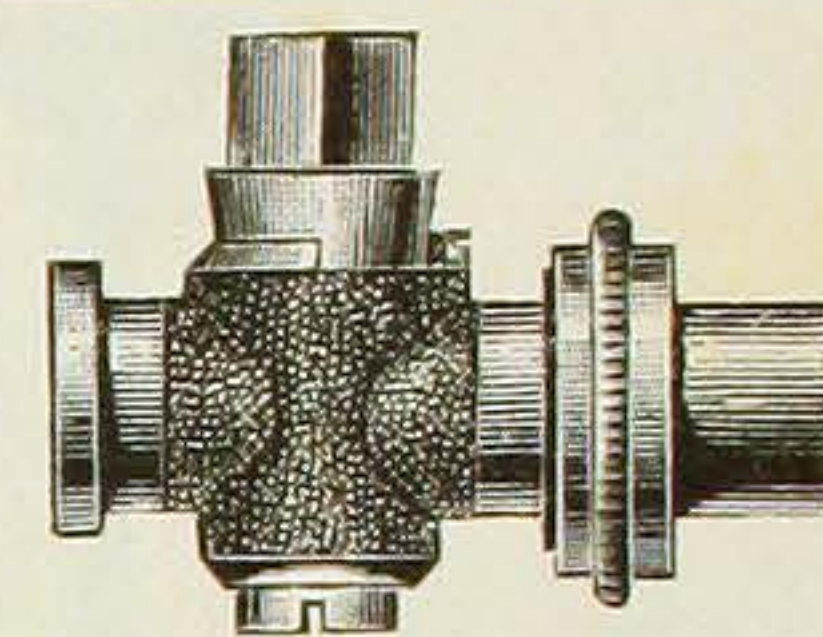
**No. PLS 3266
NOSE COCK.**
For Iron or Brass. Male End, 3/8" B.

Size.	Each.	Dozen.
1/8"	1/-	10/6
1/4"	1/2	12/6
3/8"	1/3	14/-
1/2"	1/6	17/-
5/8"	2/-	22/6
1"	2/6	29/6
1 1/4"	3/8	43/6



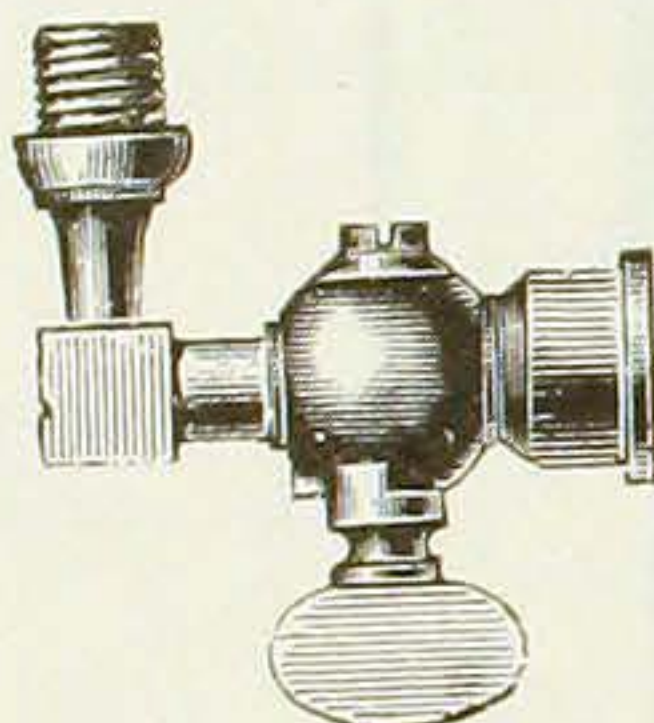
**No. PLS 3267
NOSE COCK.**
For Iron. Male End, 3/8" B.

Size.	Each.	Dozen.
1/8"	1/-	10/6
1/4"	1/1	11/9
3/8"	1/2	13/-
1/2"	1/6	15/9
5/8"	2/-	22/6



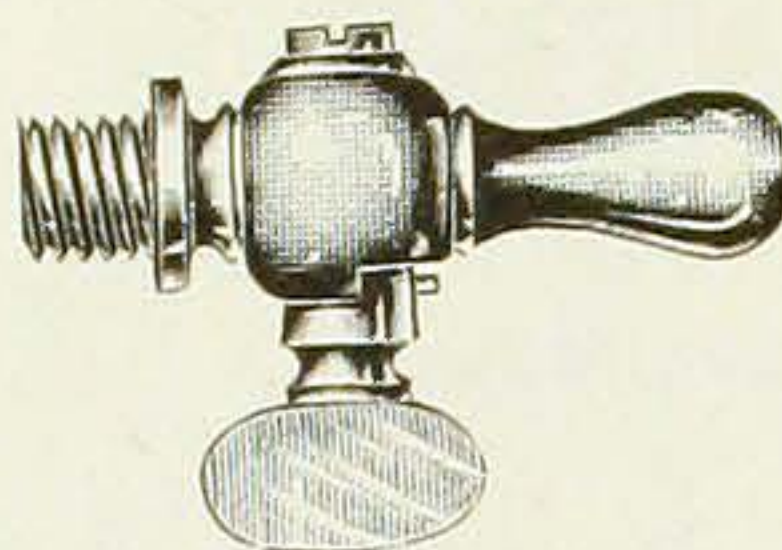
**No. PLS 3268
ROUGH UNION COCK.**
Female. Large way. For Iron.

Size.	Each.	Dozen.
1/8"	1/6	16/6
1/4"	1/10	21/-
3/8"	1/10	21/-
1/2"	2/8	30/6
5/8"	4/2	48/-



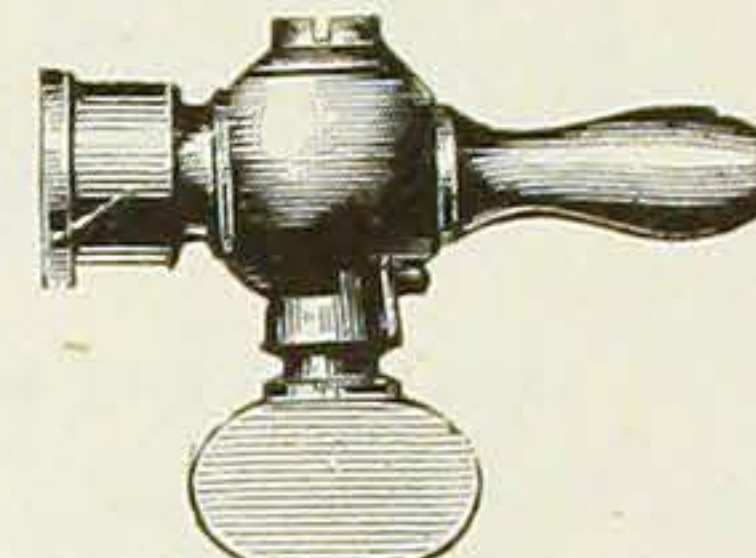
**No. PLS 3269
ELBOW COCK.**
For Iron. Screwed for G.H.

Size.	Each.	Dozen.
1/8"	1/1	12/3
1/4"	1/2	13/6
3/8"	1/4	14/9



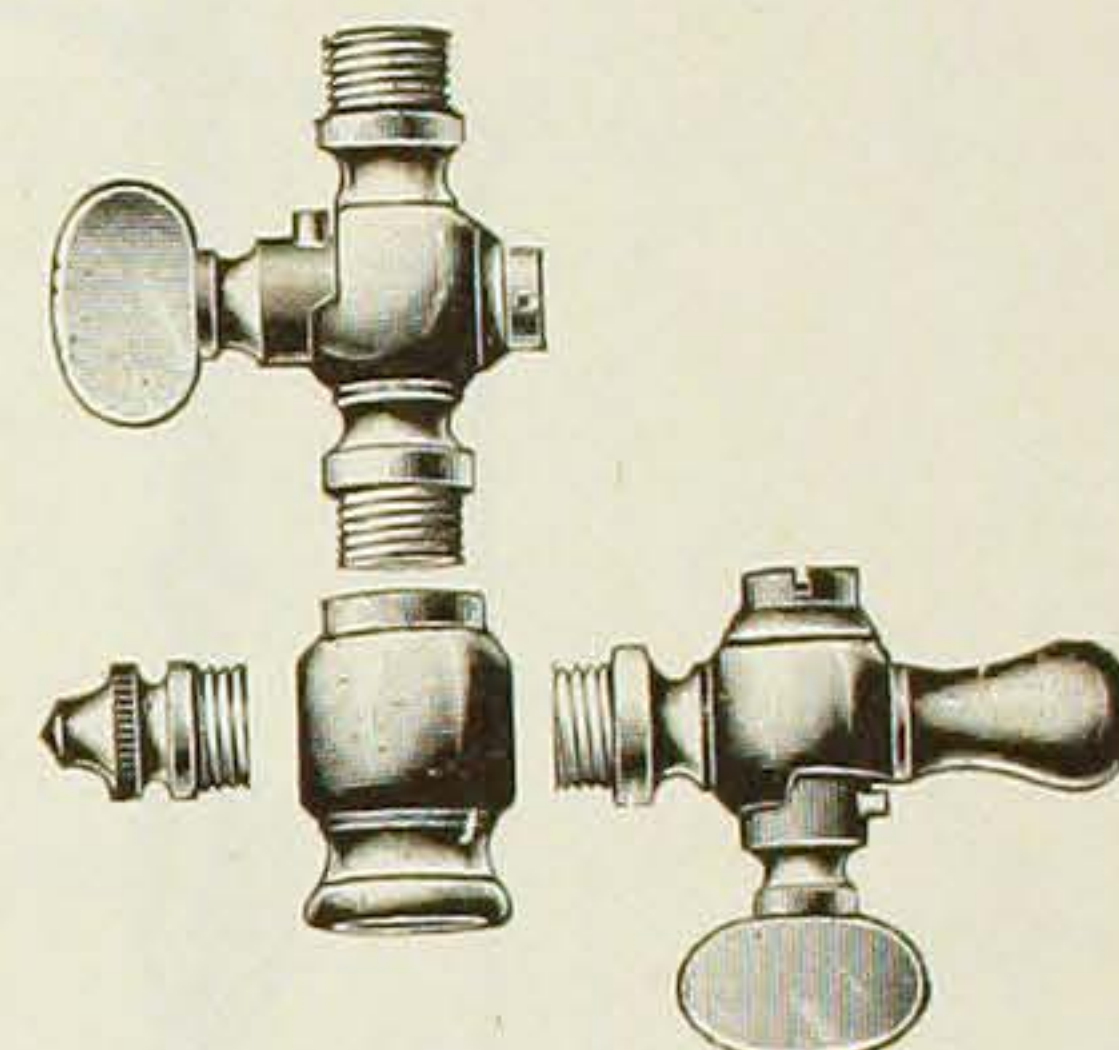
**No. PLS 3270
FLEXIBLE TUBE COCK.**
Male. For Iron or Brass.

Size.	Each.	Dozen.
1/8"	11d.	10/6
1/4"	1/-	11/3
3/8"	1/2	13/6
1/2"	1/8	18/9



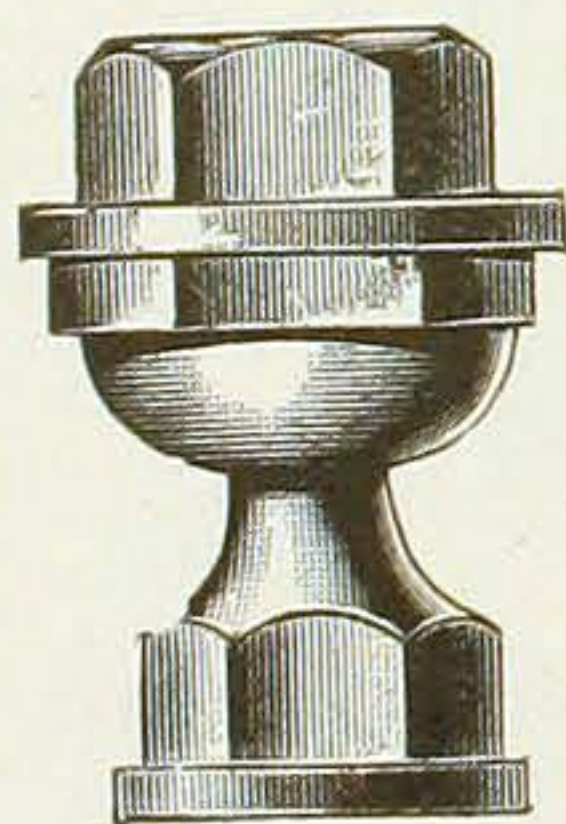
**No. PLS 3271
FLEXIBLE TUBE COCK.**
Female. For Iron or Brass.

Size.	Each.	Dozen.
1/8"	11d.	10/6
1/4"	1/-	11/3
3/8"	1/2	13/6
1/2"	1/8	18/9



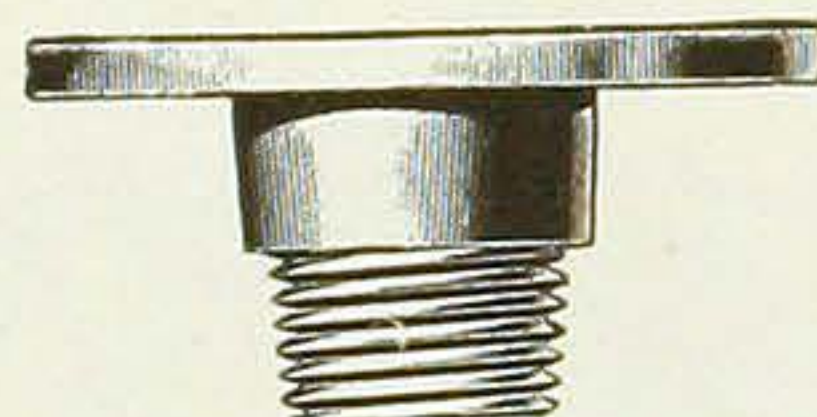
**No. PLS 3272
INTERCHANGEABLE COCK.**
For Brass and Rubber.

Size.	Each.	Dozen.
1/8"	2/-	22/6
1/4"	2/6	26/-



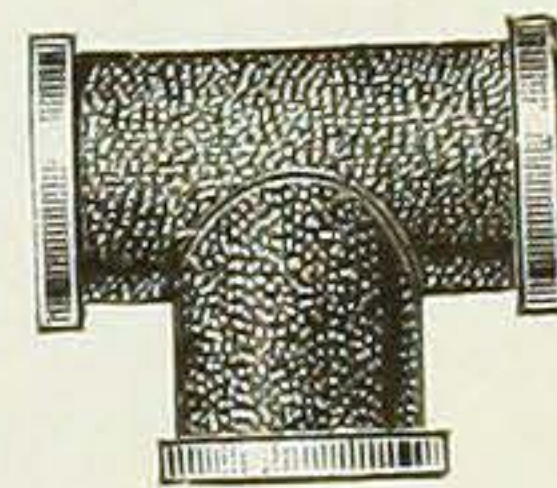
**No. PLS 3273
STRONG BALL JOINT.**
Female. For Iron.

Size.	Each.	Dozen.
1/8"	2/-	2/1
1/4"	2/3	2/6
3/8"	2/7	2/7
1/2"	22/6	23/6
5/8"	28/-	29/6
1"	34/-	39/-
1 1/4"	43/6	52/-
1 1/2"	68/-	114/-



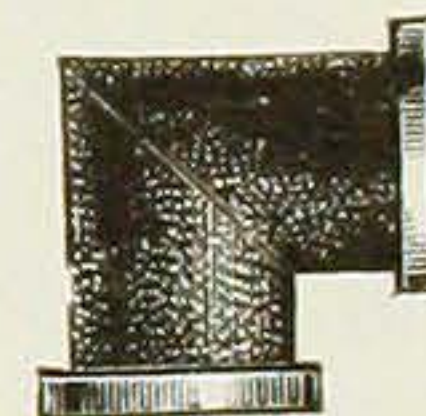
**No. PLS 3274
CEILING PLATE.**
Male. For Iron.

Size.	Each.	Dozen.
1/8"	6d.	5/3
1/4"	8d.	7/-
3/8"	10d.	9/6
1/2"	1/1	12/3
5/8"	1/10	21/-



**No. PLS 3275
ROUGH TEE.**
For Iron or Brass.

Size.	Each.	Dozen.
1/8"	4d.	3/-
1/4"	5d.	3/6
3/8"	6d.	5/8
1/2"	7d.	6/1
5/8"	8d.	7/-
1"	9d.	7/6
1 1/4"	1/1	12/3
1 1/2"	1/2	13/-
2"	1/10	21/-
2 1/2"	2/-	23/6



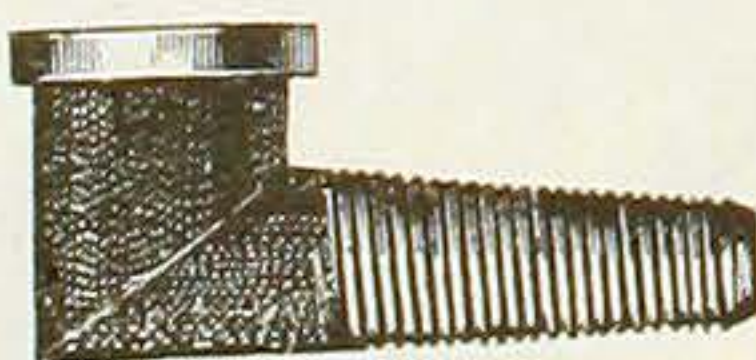
**No. PLS 3276
ROUGH ELBOW.**
Female. For Iron or Brass.

Size.	Each.	Dozen.
1/8"	3d.	2/9
1/4"	4d.	3/3
3/8"	4 1/2d.	4/3
1/2"	5d.	4/9
5/8"	6 1/2d.	6/-
1"	7d.	6/6
1 1/4"	10 1/2d.	10/-
1 1/2"	11 1/3d.	11/3
2"	17/6	17/6



**No. PLS 3282
SOCKET.**
For Iron or Brass.

Size.	Each.	Dozen.
1/8"	2d.	1/9
1/4"	3d.	2/6
3/8"	3d.	2/7
1/2"	4 1/2d.	4/4
5/8"	5d.	4/10
1"	6d.	5/8
1 1/4"	6 1/2d.	6/1
1 1/2"	7d.	6/7
2"	11/6	11/6
2 1/2"	1/9	20/-



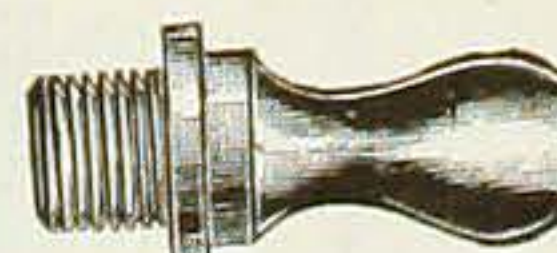
**No. PLS 3278
ELBOW DROP SCREW.**
Male and Female. For Iron.

Size.	Each.	Dozen.
1/8"	4d.	3/11
1/4"	4 1/2d.	4/4
3/8"	5 1/2d.	5/3
1/2"	7 1/2d.	7/9
5/8"	8d.	7/9



**No. PLS 3279
NOSE PIECE.**
For Iron. Male End, 3/8" B.

Size.	Each.	Dozen.
1/8"	2d.	1/11
1/4"	3d.	2/9
3/8"	4d.	3/11
1/2"	5d.	4/9
5/8"	8d.	7/9



**No. PLS 3280
FLEXIBLE TUBE NOZZLE.**
Male. For Iron or Brass.

Size.	Each.	Dozen.
1/8"	3d.	2/7
1/4"	4d.	3/11
3/8"	6d.	5/3
1/2"	8d.	7/-



**No. PLS 3285
ADAPTOR.**
For Brass X Burner.

Size.	Each.	Dozen.
1/8"	2d.	1/6



**No. PLS 3284
DIMINISHER.**
For Iron or Brass.

Size.	Each.	Dozen.
1/8"	1d.	10d.
1/4"	1 1/2d.	1/2
3/8"	2 1/2d.	2/-
1/2"	2d.	1/9
5/8"	4d.	3/6
1"	3 1/2d.	3/1
1 1/4"	3d.	2/9
1 1/2"	8d.	7/10
2"	7 1/2d.	7/-
2 1/2"	6 1/2d.	6/1

**No. PLS 3281
DIMINISHING NIPPLE.**
Male. For Iron.

Size.	Each.	Dozen.
1/8"	2d.	1/11
1/4"	2 1/2d.	2/3
3/8"	3 1/2d.	3/4
1/2"	4 1/2d.	4/10
5/8"	5 1/2d.	5/3



**No. PLS 3287
BRASS TUBE.**
Screwed each end. Polished and Lacquered.

Size.	Each.	Dozen.
3"	2 1/2d.	2/4
4"	3d.	2/11
5"	4 1/2d.	4/-
6"	5 1/2d.	5/1
8"	6d.	5/8
10"	6 1/2d.	6/3
12"	8d.	7/4



**No. PLS 3286
PLUG.**
For Iron.

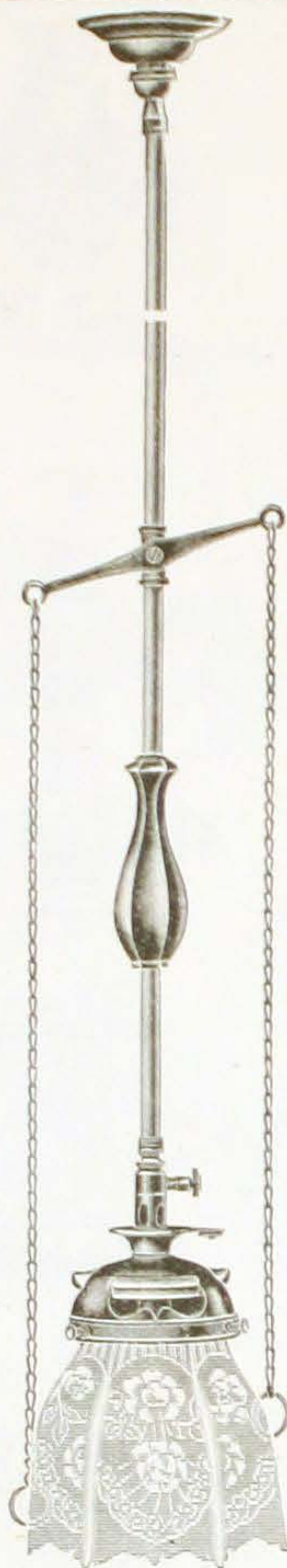
Size.	Each.	Dozen.
1/8"	1 1/2d.	1/2
1/4"	2d.	1/9
3/8"	3d.	2/7
1/2"	5d.	4/4



**No. PLS 3283
TAPERED NIPPLE.**
For Iron or Brass.

Size.	Each.	Dozen.
1/8"	1 1/2d.	1/2
1/4"	2d.	1/9
3/8"	3d.	2/7
1/2"	4 1/2d.	4/4
5/8"	9d.	8/9
1"	1/6	17/6
1 1/4"	2/3	26/-

Gas Fittings



No. PLO 3104
ONE LIGHT INVERTED PENDANT
Fitted with 20" Bye-pass Chain.
Polished Brass .. 9 3 each.
Oxidized Copper .. 10 4 "
Glasses extra.



No. PLO 3105
ONE LIGHT INVERTED PENDANT.

	Polished Brass.	Oxidized Copper.
	each. doz.	each. doz.
24"	3 8 43/-	4 1 47/3
30"	3 10 44/8	4 3 49 2
36"	4 - 46/6	4 5 51/1

Glasses extra.



No. PLO 3106
ONE LIGHT INVERTED PENDANT.
Fitted with 20" Bye-pass Chain.
Polished Brass .. 9 3
Oxidized Copper .. 10 4
Glasses extra.



No. PLO 3095
BRACKET. 3/4" x 12"

	Light Pattern.	Standard Pattern.
	each. doz.	each. doz.
Polished Brass ..	1/8 18/5	1/11 21/-
Oxidized Copper ..	1/10 20/2	2/1 23/3

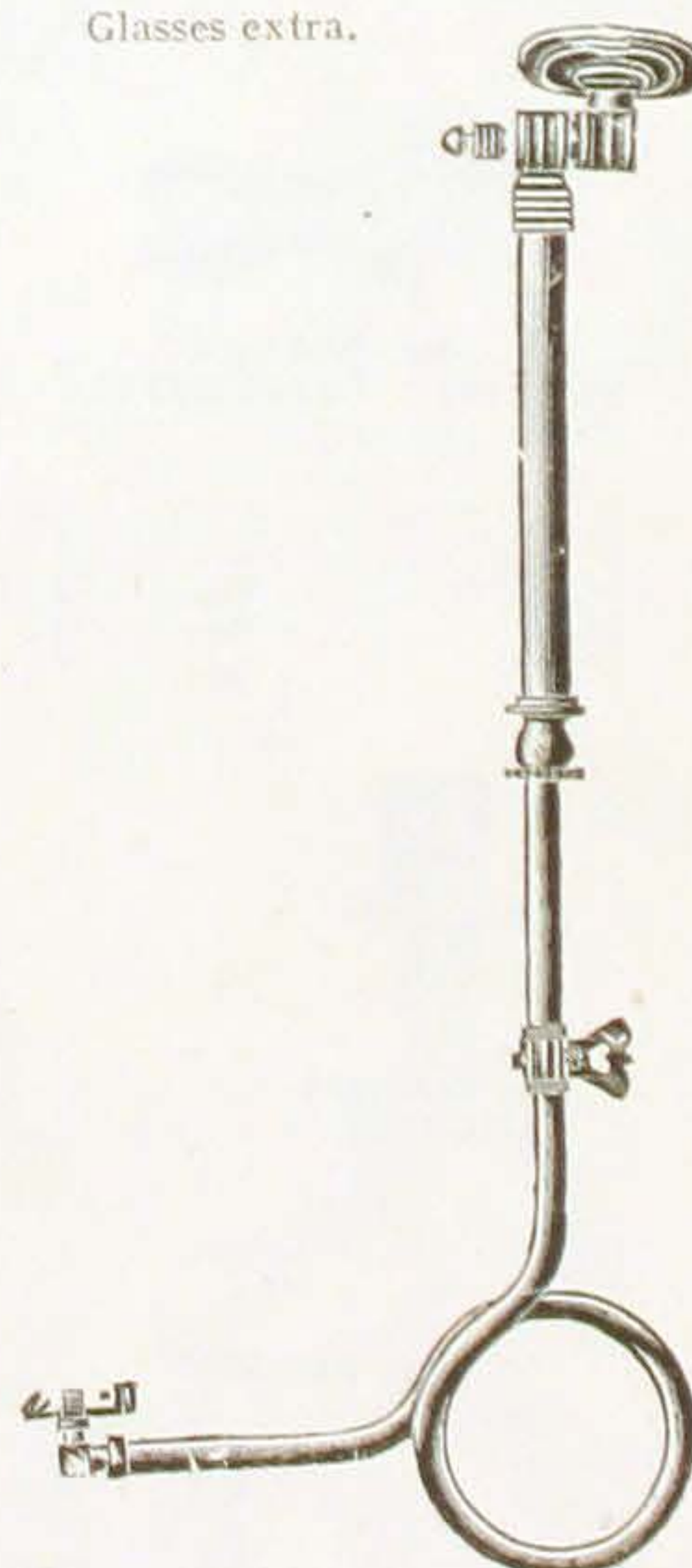


No. PLO 3107
SWING BRACKET.

	Polished Brass.	Oxidized Copper.
	each. doz.	each. doz.
3/4" x 12"	2/10 32/4	3/1 35/9
1/2" x 12"	3/2 36/9	3/6 40/5

BURNERS ARE NOT INCLUDED IN ANY OF THE ABOVE PRICES. "BRAY" BURNERS CAN BE SUPPLIED AT:-

	UPRIGHT.		INVERTED.	
	Without	With	Without	With
Plain Nipple ..	1/11	4/10	2/9	5/10
Adjustable Nipple ..	2/3	5/2	3/2	6/3



No. PLO 3110
SLIDE PENDANT.

	Polished Brass.	Oxidized Copper.
	each. doz.	each. doz.
24"	5/11 69/2	6/7 76/2
30"	6/2 71/9	6/9 78/11
36"	6/5 74/5	6/11 81/10



No. PLO 3093
STIFF INVERTED BRACKET.
3/4" x 12"

	each.	doz.
Polished Brass ..	1/5	15/9
Oxidized Copper ..	1/7	17/6



No. PLO 3092
STIFF COCK-UP BRACKET.
3/4" x 6"

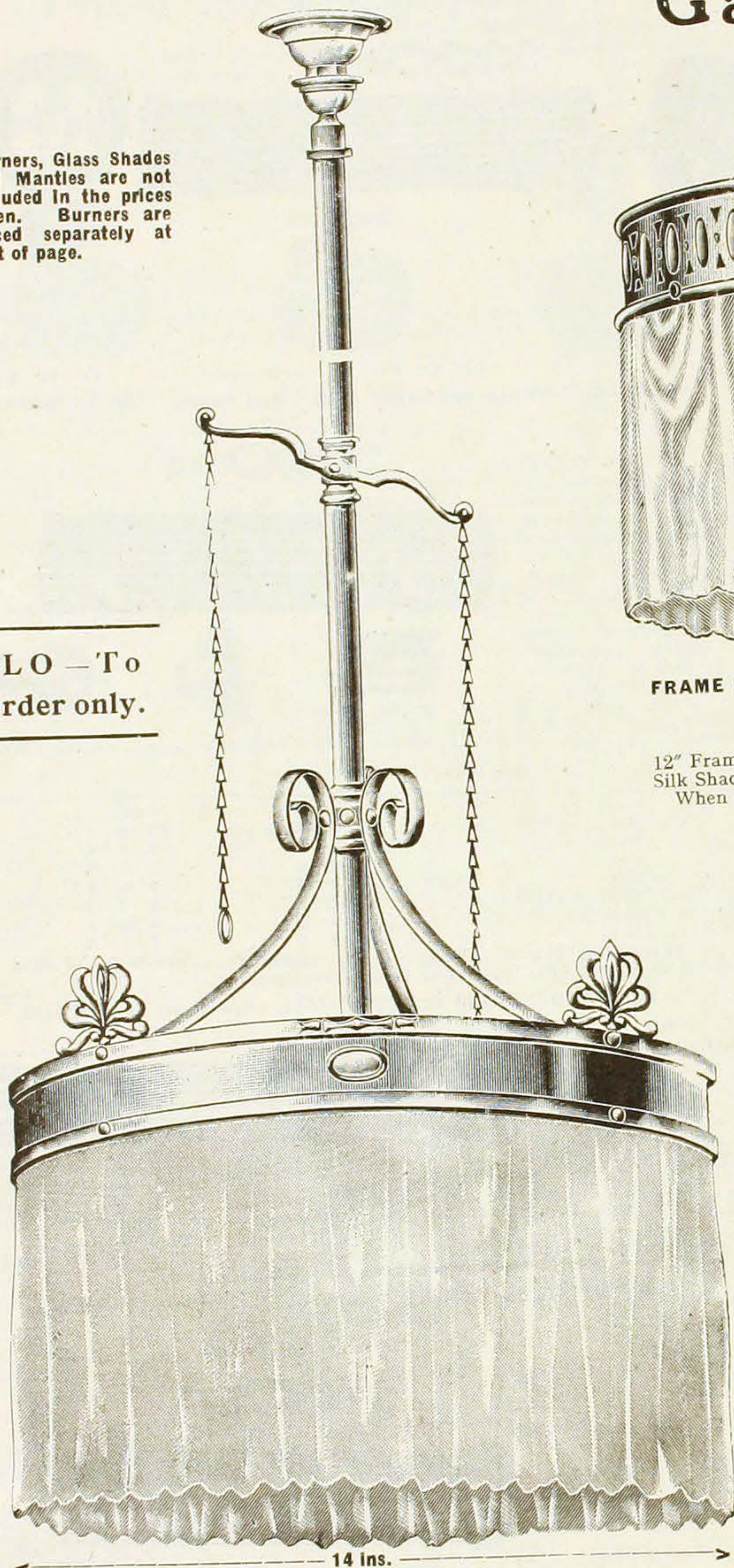
	each.	doz.
Polished Brass ..	1/2	12/10
Oxidized Copper ..	1/3	14/2

Gas Fittings

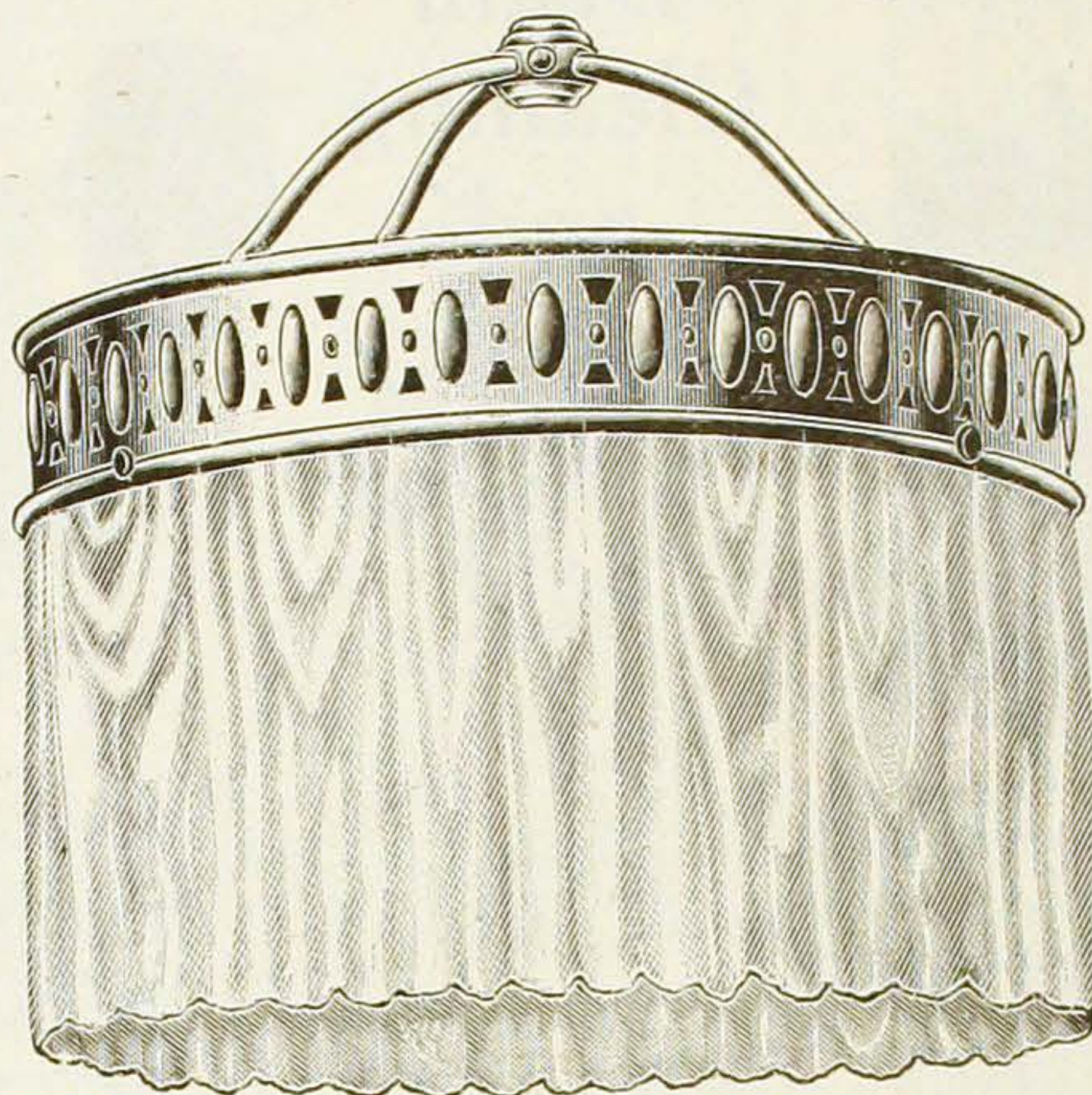
Burners, Glass Shades and Mantles are not included in the prices given. Burners are priced separately at foot of page.

Glass Shades and Mantles quoted for upon request.

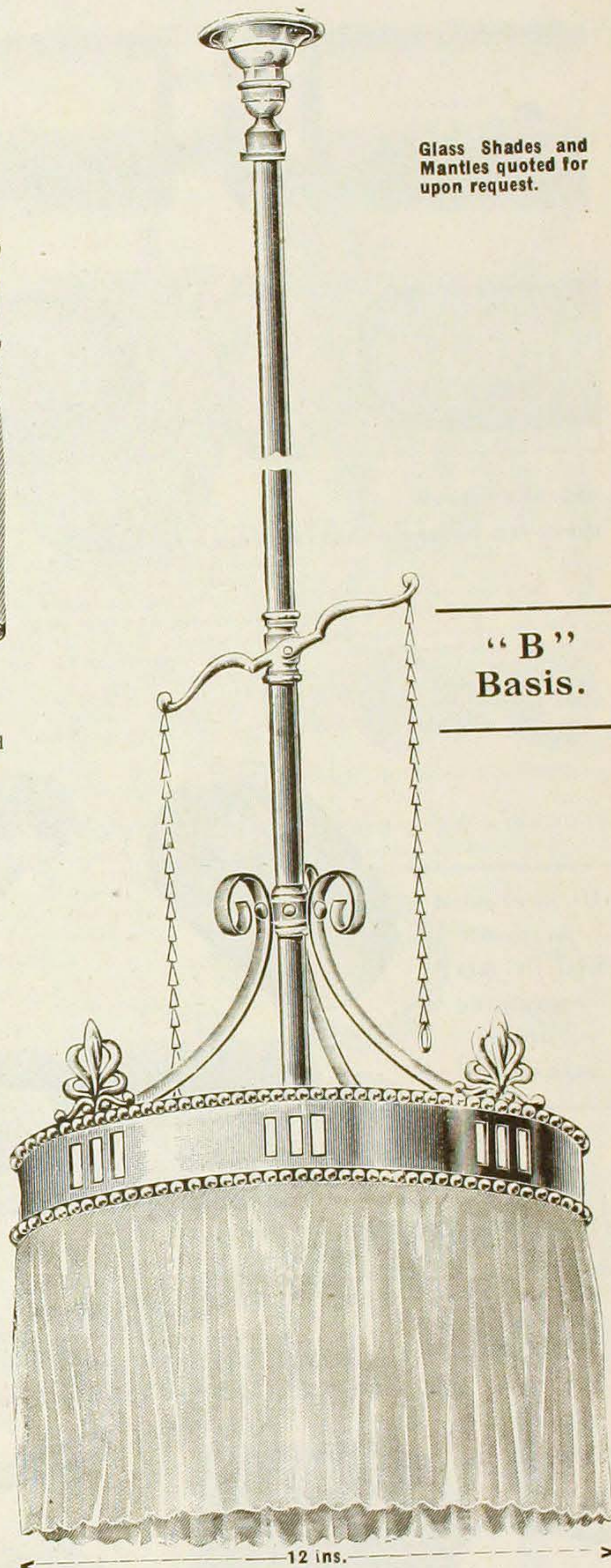
PLO - To Order only.



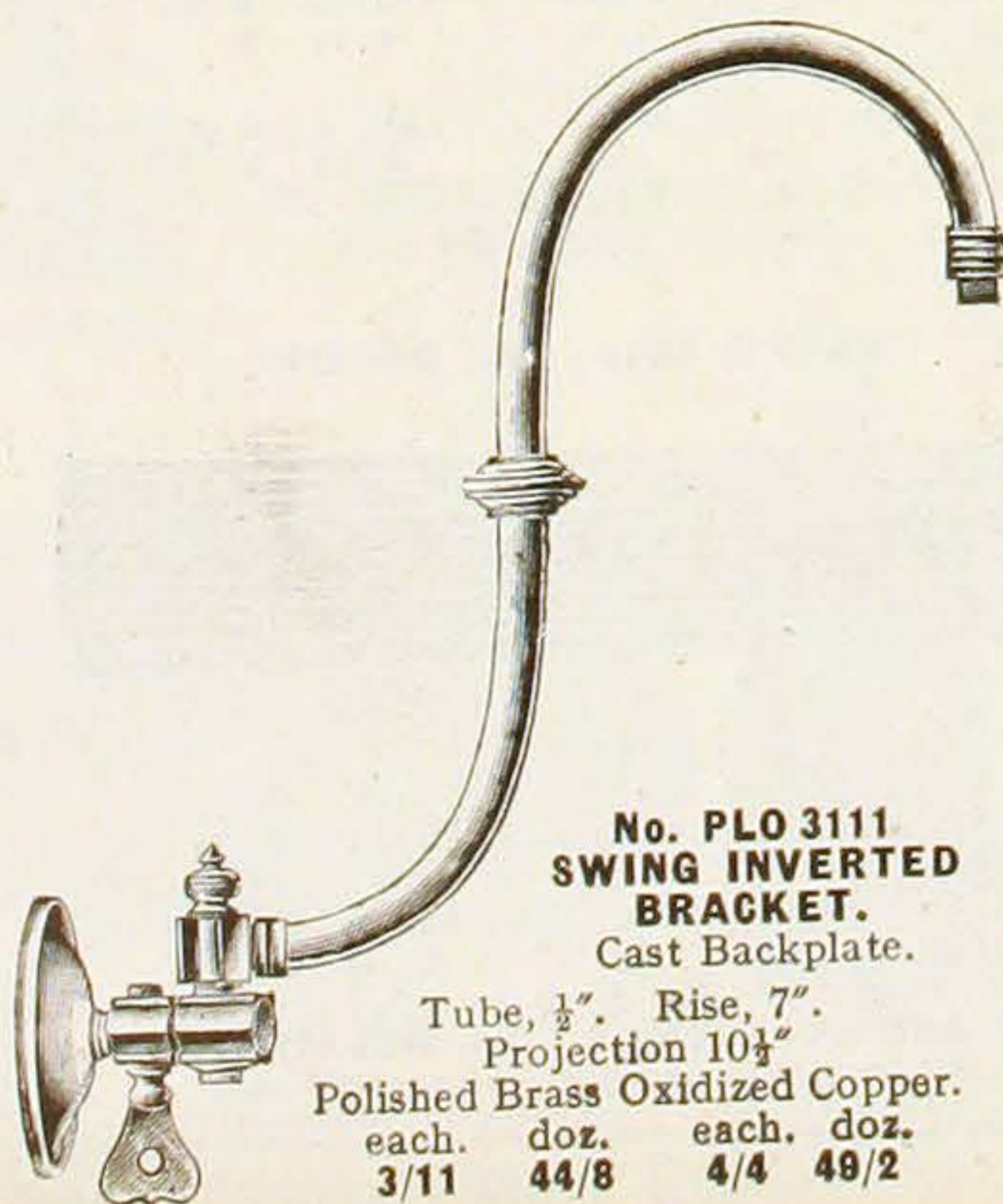
No. PLO 3100
SILK SHADE FITMENT FOR INVERTED LIGHTS.
Length 3' 6" overall, 1/2" down rod.
Polished Oxidized Oxidized
Brass. Copper Silver.
Pendant .. 30/3 33/3 36/4
Shade .. 13/6 13/6 13/6
Burners extra (see foot of page).



No. PLO 3102
FRAME FOR ATTACHING TO ANY OF OUR ONE-LIGHT PENDANTS.
Polished Oxidized Oxidized
Brass. Copper Silver.
12" Frame only .. 14/- 15/6 16/11
Silk Shade extra .. 8/9 8/9 8/9
When ordering, state size of down rods for which it is required.



No. PLO 3101
SILK SHADE FITMENT FOR INVERTED LIGHTS.
Length 3' 6" overall, 1/2" down rod.
Polished Oxidized Oxidized
Brass. Copper Silver.
Pendant .. 29/2 32/2 35/-
Shade .. 8/9 8/9 8/9
Burners extra (see foot of page).



No. PLO 3111
SWING INVERTED BRACKET.
Cast Backplate.
Tube, 1/2". Rise, 7".
Projection 10 1/2".
Polished Brass Oxidized Copper.
each. doz. each. doz.
3/11 44/8 4/4 49/2



No. PLO 3096
INVERTED PENDANT.
1/2" down rod, 3/4" Arms.
Polished Oxidized
Brass. Copper.
2 Lights .. 12/10 14/2 each.
3 Lights .. 16/8 18/5 "
Burners and Glasses are extra.

Burners are not included in any of the above prices.

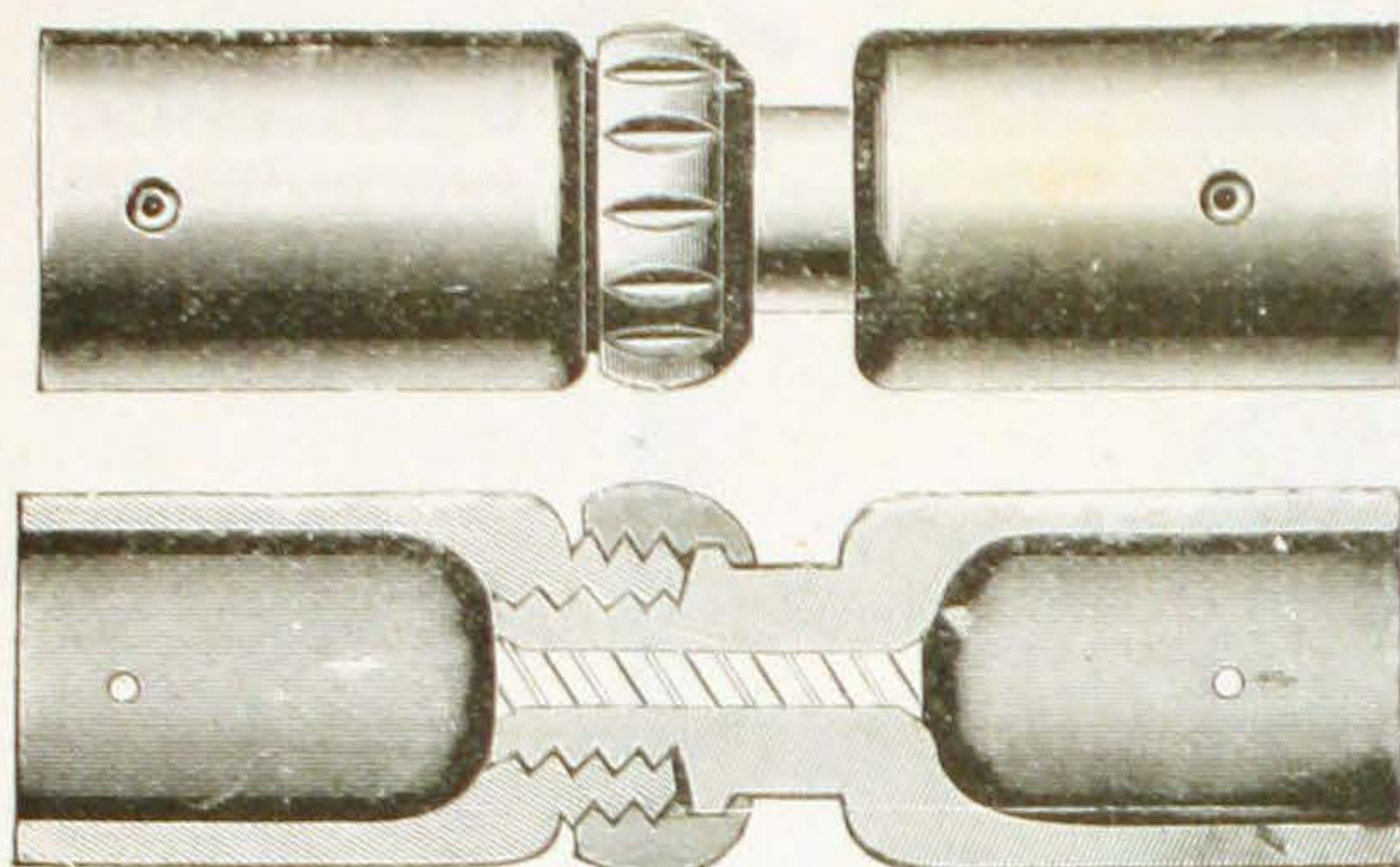
"BRAY" BURNERS can be supplied:—

	UPRIGHT.		INVERTED.	
	Without Bye-pass.	With Bye-pass.	Without Bye-pass.	With Bye-pass.
Plain Nipple ..	1/11	4/10	2/9	5/10
Adjustable Nipple ..	2/3	5/2	3/2	6/3



No. PLO 3103
STIFF INVERTED BRACKET.
Cast Backplate.
Tube 1/2" Rise, 6"
Projection 10".
Polished Oxidized
Brass. Copper.
3/1 3/5 each.

JOINTS IN RODS.



ORDINARY SCREW.

This is the ordinary kind of screw joint, with the male and female screws fitting one another.

IMPROVED PATENT "SAFETY" LOCK-FAST JOINT.

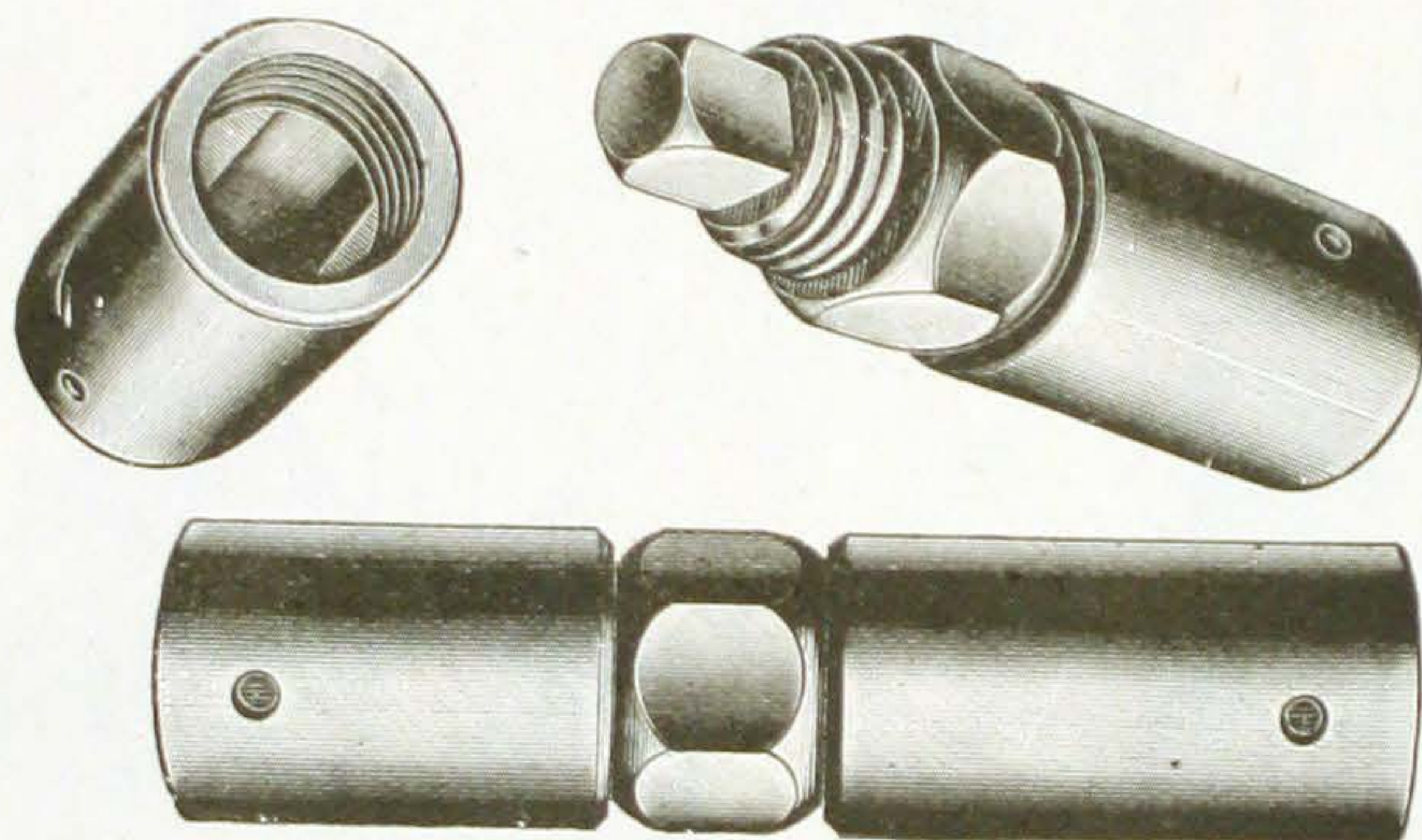
The Improved Patent "Safety" Lock-fast Joint has a solid steel plug through the Male Thread making it impossible for this joint to break, as frequently happens with some designs.

It will be seen from the illustration that the male screw has a right-hand thread which screws into the female part, and a collar working with a left-hand internal thread (screwed over the female part of the joint), secures the two parts together, thus making a perfect lock joint which cannot possibly get out of order or accidentally come apart when in use, for the obvious reason that whichever way the rod is turned, the part with the opposite thread only tightens the connection.

The collar being perfectly flush with the joint, there is no obstruction whatever, and the most delicate cable or pipe is now free from injury by the passage of the rods in the pipes.

This is an important consideration with Electrical Engineers and Municipal Bodies.

If interested
write for
List DC 507
containing
other
accessories.

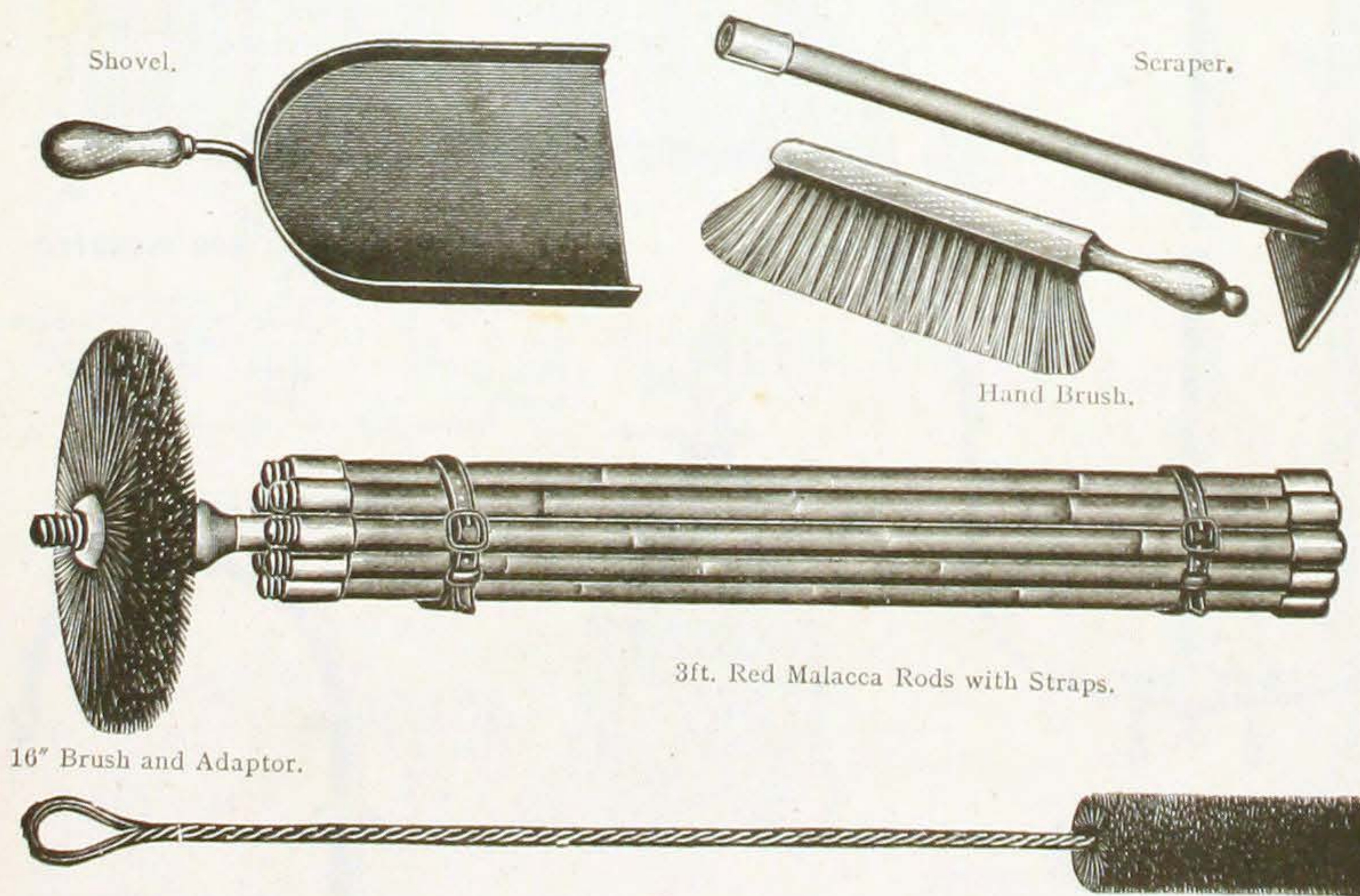


"IDEAL" LOCK-FAST JOINT.

The "Ideal" Lock-fast Joint is as illustrated above. It has a square shoulder on the male part which fits into a socket in the female portion and when the overlapping nut is screwed up the joint is held secure and immovable no matter which way the rod is turned.

COMPLETE SWEEPS' OUTFITS.

ALL THAT IS NECESSARY TO COMMENCE BUSINESS AS A SWEEP.



OUTFIT No. DCS 4195.

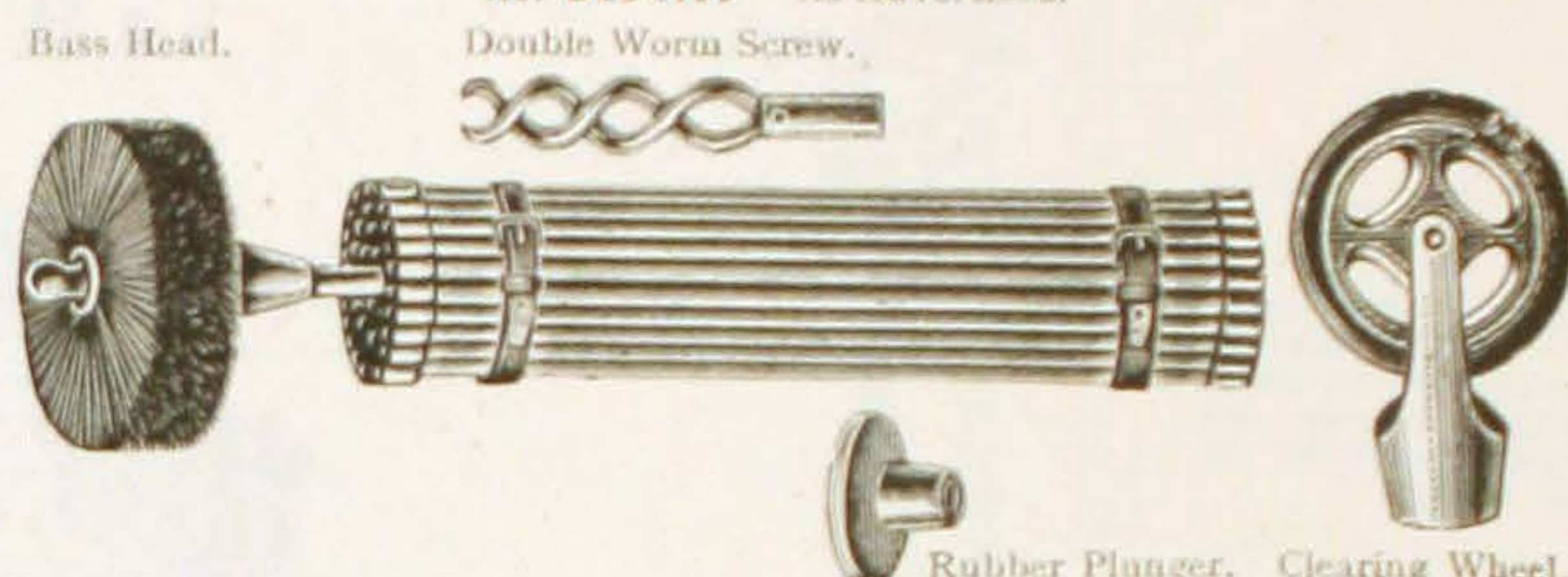
Complete Sweeps' Outfit comprising set of 3 ft. Red Malacca Rods, with Straps, 16" Brush and Adaptor, Hand Brush, Flue Brush, Shovel and Scraper (all as illustrated above) and in addition Soot Bag and Sweep's Cloth (not stretched).

30 ft. Sets, as above, £3 3 0 per set. 40 ft. Sets, as above, £3 11 0 per set.
50 ft. Sets, as above, £4 2 6 per set. 60 ft. Sets, as above, £4 10 3 per set.

Drain Cleaning and Chimney Sweeping Sets

THE "EMPIRE" COMBINED DRAIN-CLEANING AND SWEEPS' SET.

No. DCS 4190* As Advertised.



In 3 ft. Malacca Rods, with straps complete, with 16" Bass Head and Double Worm Screw, 4" Rubber Plunger and Clearing Wheel. Special Nett Prices, as advertised.

30 ft. Sets .. £1 11 6 set. 40 ft. Sets .. £1 17 6 set.

"ParWinAc" DRAIN CLEANING SETS. Best Quality. Set No. DCS 4191

Double Worm Screw.



Drain Rods—Malacca or Manilla Cane—in 3 ft. lengths, with Straps complete with Double Worm Screw 4" Rubber Plunger, Clearing Wheel and Jointed Scraper. The particular joints referred to are described on left-hand side of this page.



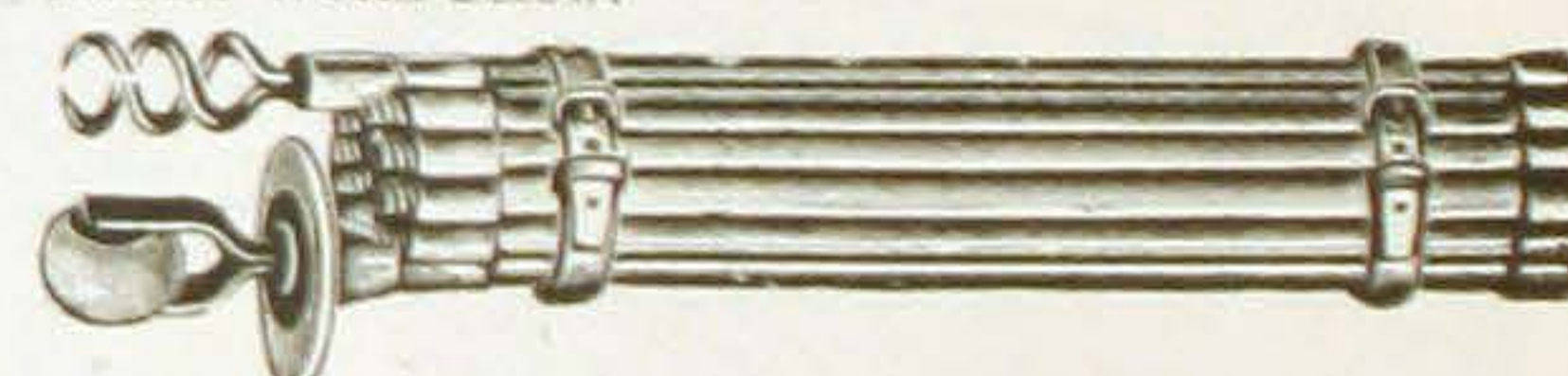
Size.	Ordinary Screw Joints.	"Safety" Lock or "Ideal" Joints.
30 ft. Sets as above ..	£1 15 9 per set.	£2 10 3 per set.
40 ft. " " " " ..	2 4 3 " "	3 2 0 " "
50 ft. " " " " ..	2 14 6 " "	3 18 3 " "
60 ft. " " " " ..	3 3 0 " "	4 10 3 " "
70 ft. " " " " ..	3 10 6 " "	5 2 0 " "
80 ft. " " " " ..	4 1 9 " "	6 16 0 " "
100 ft. " " " " ..	4 19 6 " "	7 1 3 " "

(Contractors' Conduit and Sewer Rods. Special Prices will be quoted upon receipt of detailed requirements.)

"FORWARD" DRAIN CLEANING SETS. Special Set No. DCS 4192.

Double Worm Screw.

Manilla Drain Rods in 3" feet lengths, with straps, complete with Roller, Double Worm Screw, and Rubber Plunger. Rods fitted with ordinary screw joints.



Roller and Plunger.

30 ft. sets ..	£1 8 3 per set.	50 ft. sets ..	£2 2 6 per set.
40 ft. sets ..	1 14 0 " "	60 ft. sets ..	2 8 6 " "

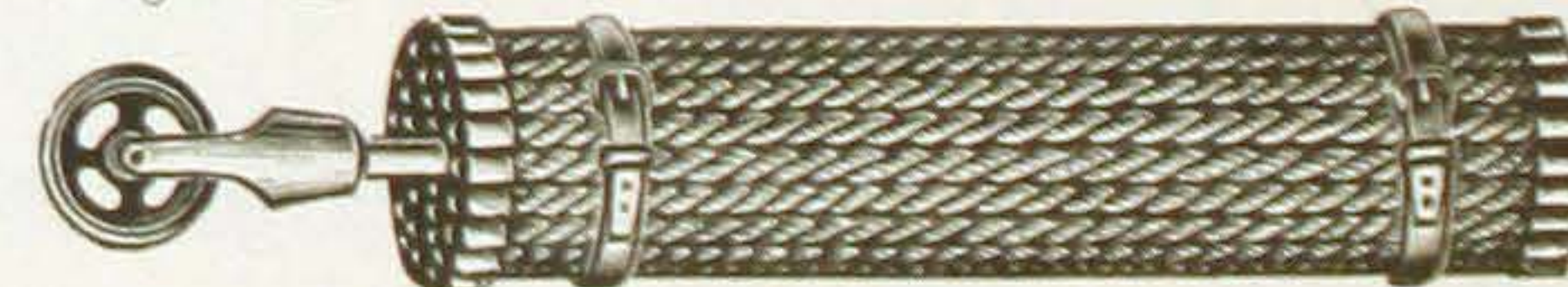
If fitted with "Safety" Lock or "Ideal" Joints, 1/2 per 3 ft. rod extra and 1/3 per set extra for accessories.

"PATENT STEEL" CABLE DRAIN CLEANSING MACHINE SET. No. DCS 4193.

Double Worm Screw.



Clearing Wheel.



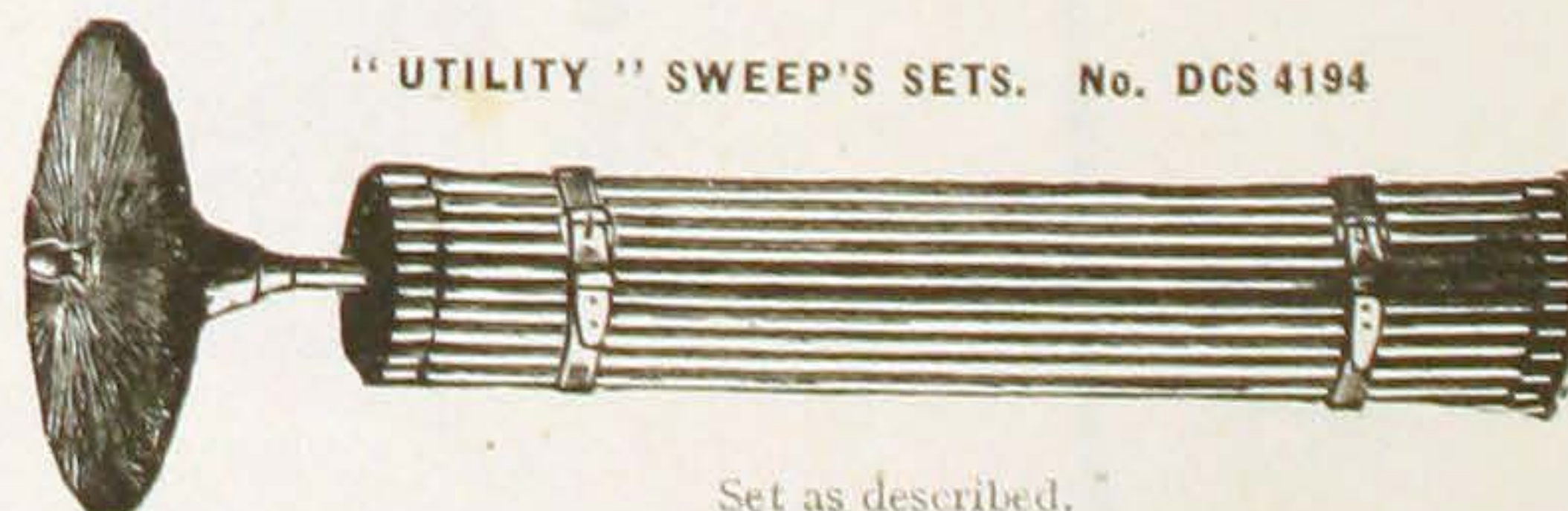
Jointed Scraper. Rubber Plunger.

Drain Rods in 3 ft. lengths, with straps, complete with Double Worm Screw 4" Rubber Plunger, Clearing Wheel and Jointed Scraper. For description of the various joints see top left-hand side of this page.

30 ft. sets ..	£2 11 0 per set.	50 ft. sets ..	£3 19 0 per set.
40 ft. sets ..	3 3 0 " "	60 ft. sets ..	4 11 0 " "
30 ft. sets ..	£3 5 6 per set.	50 ft. sets ..	£5 2 0 per set.
40 ft. sets ..	4 1 2 " "	60 ft. sets ..	5 18 3 " "

Extra: 3 ft. Rods, Screw Joints 4/- each.
"Safety" Lock or "Ideal" Joints, 5/3 each.

"UTILITY" SWEEPS' SETS. No. DCS 4194



Set as described.

In 5 ft. lengths with straps, complete with 16" Bass Head, fitted with ordinary screw joints, as above.

30 ft. sets ..	£1 8 3 per set.	50 ft. sets ..	£2 1 8 per set.
40 ft. sets ..	1 15 0 " "	60 ft. sets ..	2 8 6 " "

80 ft. sets .. £3 2 0 per set.

SWEEP'S CLOTH AND STRETCHER. No. DCS 4196.

5 ft. Sweep's Cloth and Stretcher not illustrated, 16/2 each.

"B" Basis (*Except DCS4190 which is strictly Net being approx. "A" List.)

All DCS—Stock Lines.

Patent Screw Expanding Drain Stoppers

(For testing Drains with Air, Water or Smoke).

Bronze Medal from the Sanitary Institute, and Eleven Gold Medals.

Supplied to H.M. Government (War Department), Home and Abroad, The New South Wales Government, Australia, The Colonies of Great Britain, The German Government, The Belgian Government, Corporations, Townships, and District Councils throughout the United Kingdom and Abroad.



No. DCO 4197
Without
Centre Outlet.



No. DCS 4198
With
1/2 inch Centre Outlet.



No. DCO 4199
With
1 inch Centre Outlet.



No. DCO 4200
With 1/2 inch Centre
Outlet and 3/4 inch
Air Outlet.

This Stopper consists of two plates or discs of Galvanized Iron or Brass, between which a special moulded rubber ring is fixed by means of grooves in the plates. It is screwed up by a handle of key, which causes the rubber to expand outward to the extent of from 1" in the smaller sizes to 3" in the larger sizes. This will be found sufficient to plug any pipe according to size of Stopper used. This Patent Stopper has a wider range of expansion than any other stopper, and it is impossible for the rubber ring to detach itself from plates when under pressure. (Over 100,000 in use.)

GALVANIZED IRON.

No.	Inches.	4	5	6	7	8	9	10	12	15	18	21	24	27
DCO 4197	Without Centre Outlet	17/8	21/10	26/2	—	—	—	—	—	—	—	—	—	—
DCS 4198	With 1/2 inch	17/8	21/10	26/2	36/10	43/3	49/3	72/3	80/—	—	—	—	—	—
DCO 4199	With 1 inch	20/8	26/2	30/6	41/6	48/—	57/6	83/—	98/4	129/2	169/6	277/2	338/8	569/8

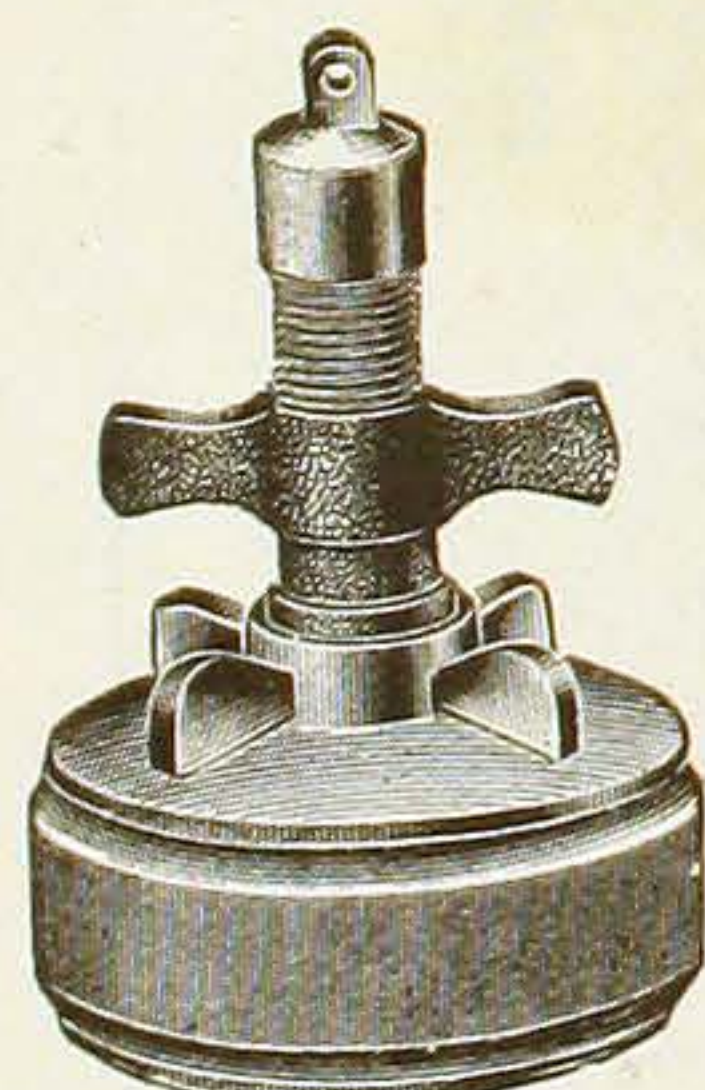
BRASS.

No.	Inches.	1	1 1/2	2	2 1/2	3	3 1/2	4	5	6	7	8	9	10	12
DCO 4197	Without Centre Outlet	6/—	7/8	9/6	10/8	12/6	13/8	—	—	—	—	—	—	—	—
DCS 4198	With 1/2 inch	—	—	—	10/8	12/6	13/8	18/6	24/10	28/3	36/10	46/3	52/3	58/8	98/4
DCO 4199	With 1 inch	—	—	—	—	—	—	—	27/10	33/10	41/6	51/—	57/—	63/4	104/10
DCO 4200	With 1/2 inch and 3/4 inch Air Outlet	—	—	—	—	—	—	—	30/10	35/6	44/6	52/3	58/8	64/8	107/10
DCO 4201	With 1 inch Centre Outlet and 3/4 inch Air Outlet	—	—	—	—	—	—	—	33/10	40/3	49/3	58/8	64/8	72/4	115/6

ALUMINIUM.

No.	Inches.	4	5	6	9	12
DCS 4198	With 1/2 inch Centre Outlet	24/10	29/2	36/10	58/8	—
DCO 4199	With 1 inch	27/10	33/10	41/6	63/4	115/6
DCO 4200	With 1/2 inch and 3/4 inch Air Outlet	30/10	35/6	44/6	64/8	117/3

Names may be cast on Plates, or Brass Letters fixed at a small charge.
In ordering state distinctly if wanted with or without Centre Outlet.
Centre Outlet sent unless otherwise specified.



No. DCO 4235

No. DCO 4235

Galvanized Iron Drain Stoppers for Plumbers' use.
Galvanized Iron with Brass Fittings, complete with Rubber. 4" 6/2; 6" 7/10 each.

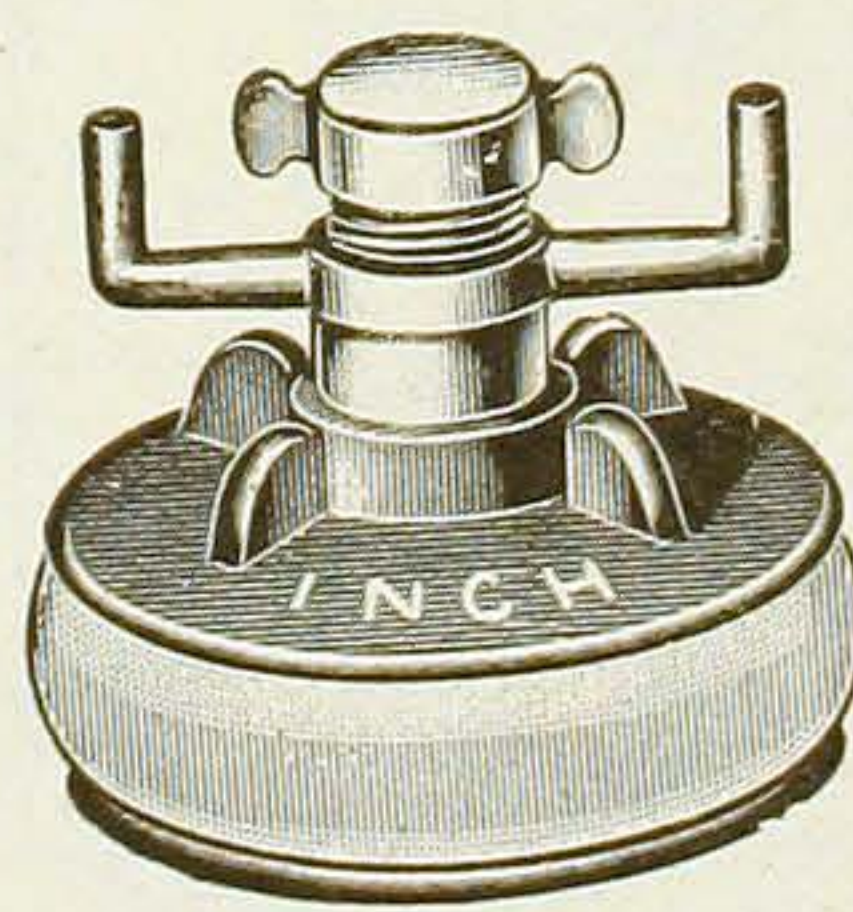
No. DCO 4236

Galvanized Iron. 1 inch Outlet.

4" 10/3 6" 13/8 9" 25/6 12" 42/6 15" diam. 71/6 each.

1/2 inch Outlet.

4" dia., 8/6; 6" dia., 12/- each.



No. DCO 4236

Square Gully Screw Expanding Stoppers

A useful Screw Expanding Stopper for the plugging of Surface or other Gullies.

To fit Square Gully Tops .. 4" x 4" 6" x 6" 9" x 9"

No. DCO 4237 With 1/2 inch Centre Outlet .. 36/6 43/8 80/-
No. DCO 4238 With 1/2 inch Centre Outlet and Air Outlet .. 43/8 51/- 87/3



No. DCO 4237



No. DCO 4238

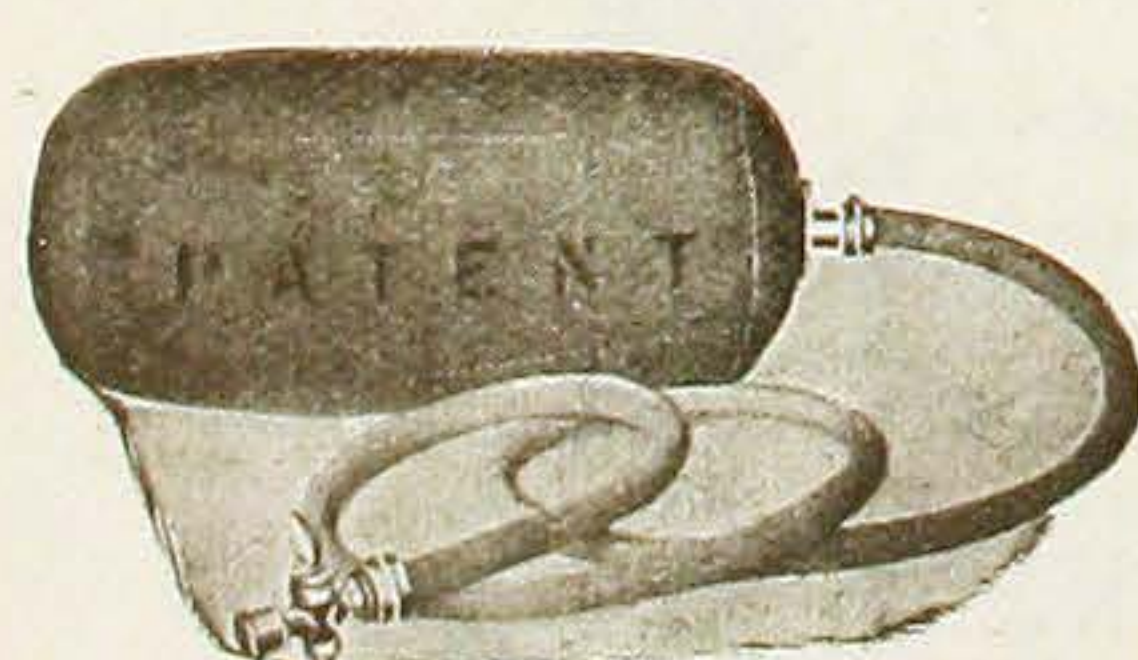


No. DCS 3330

Patent "Flexible" Bag Drain Stoppers

The above consists of a cylindrical-shaped flexible bag for stopping pipes for the purpose of testing the soundness of Drains. To the bag is attached 6 feet of flexible tube, with a tap at the end, connected to a small hand pump. The bag is placed in the Drain before inflation, and by working the pump it is quickly filled with air, under sufficient pressure to dam the Drain. By turning the tap the inflated bag remains in that state as long as required, and when done with, a half turn of the tap again releases the air, and the bag is withdrawn. Amongst its advantages may be named lightness and flexibility, enabling it to be folded and carried in a small compass. It can be placed in syphons, gullies and other traps, where all others stoppers fail. These Bag Stoppers have the patent attachment for tubing, whereby the danger of a wire-tied joint cutting and rotting the tubing is obviated.

No. DCO 4240 3" 4" 5" 6" 7" 8" 9" 10" 12" 15" 18" 21" 24"
and 4241 44/3 50/9 54/- 56/3 65/- 72/- 77/3 85/8 103/8 134/- 161/- 200/9 267/9
No. DCO 4242 38/2 44/2 47/6 50/9 58/8 65/- 70/2 78/8 97/2 127/6 153/10 194/3 261/3 AIR PUMP.
No. DCO 4243 Air Pumps to inflate Bag Stoppers, 20/6 each. Any special size made to order. No. DCO 4243



No. DCO 4240



No. DCO 4242



No. DCO 4241

The "Ferret" Patent Spring Drain Cleaner

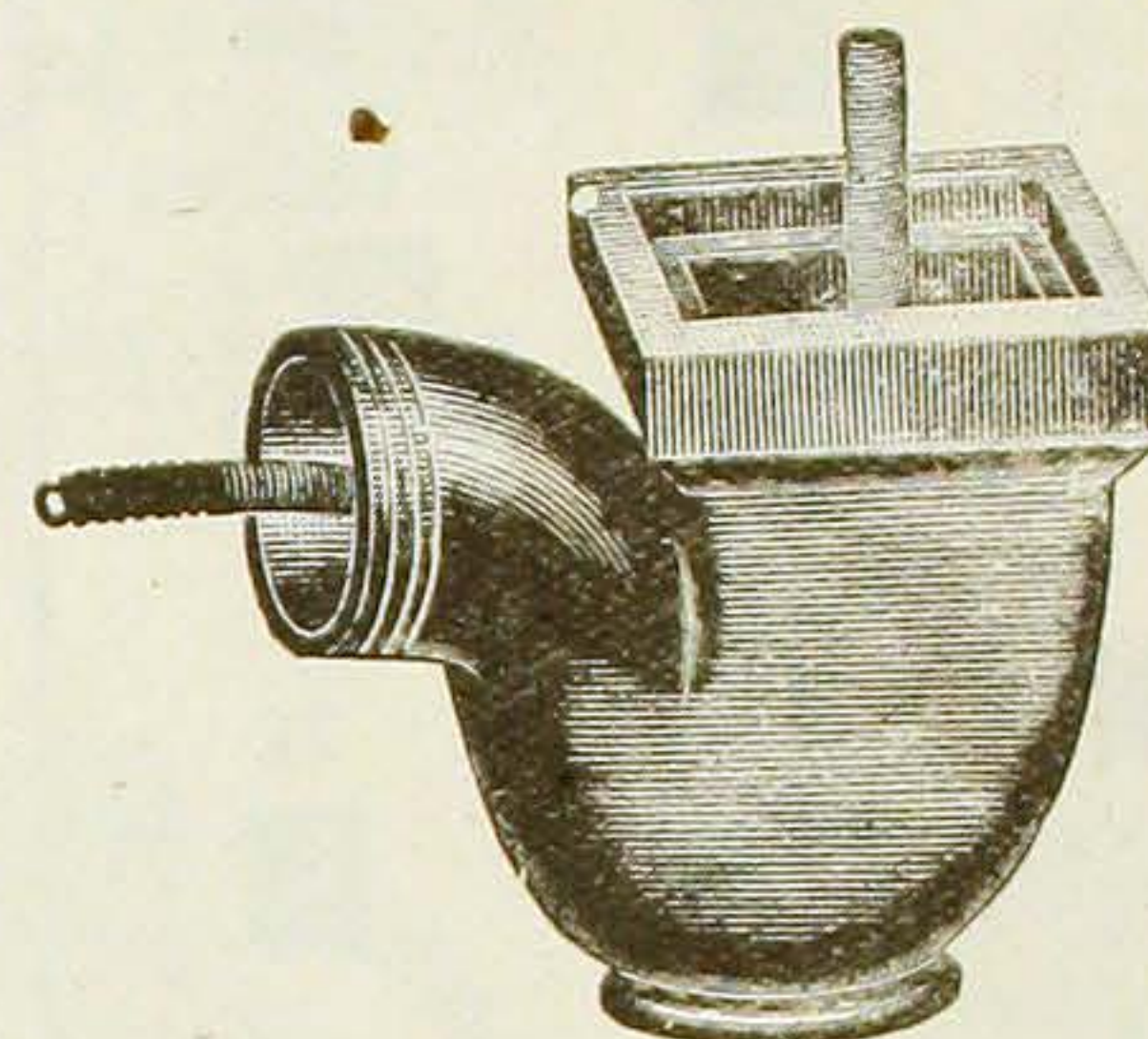
No. DCS 3332



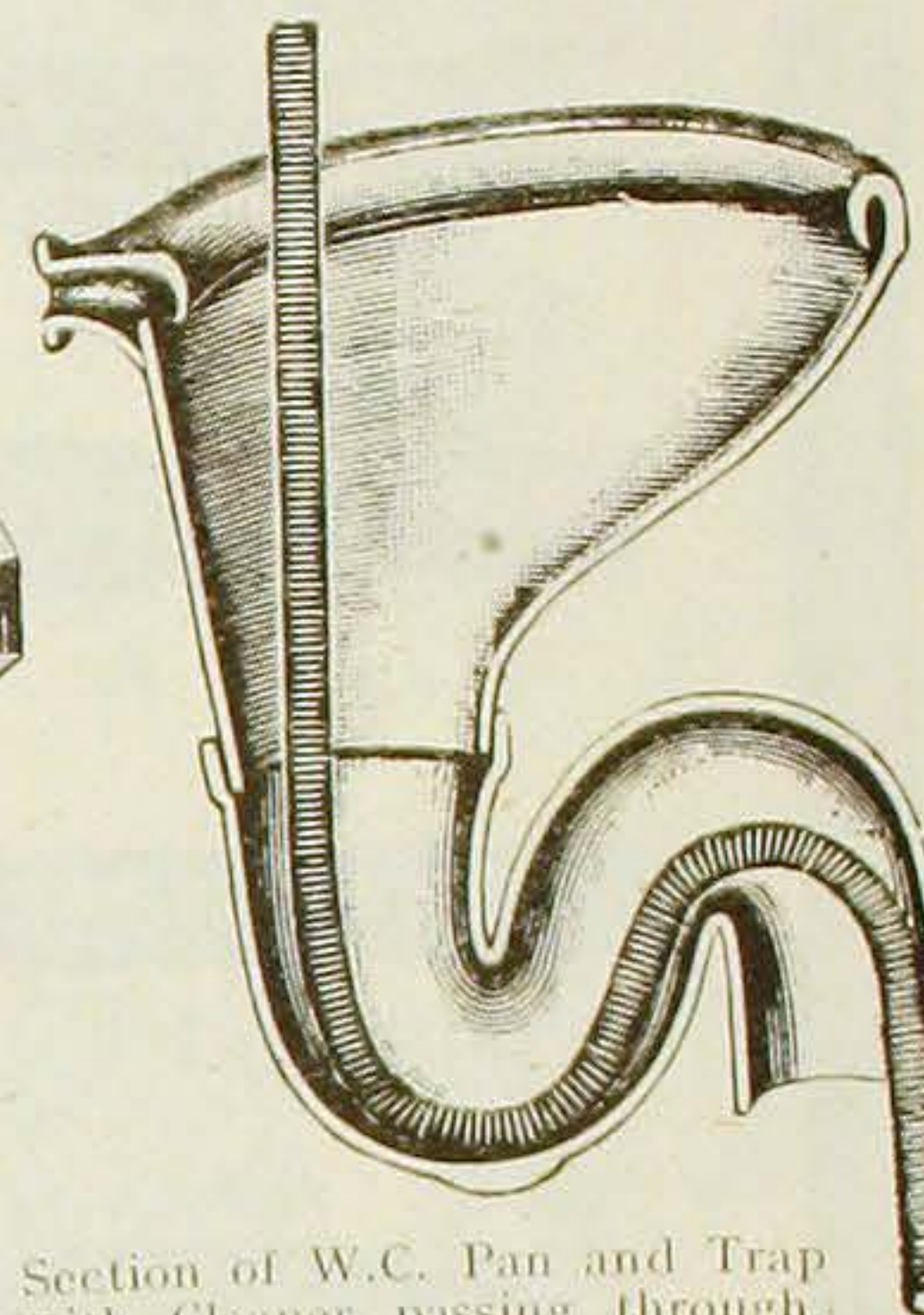
Front length of Cleaner with Screw End.
The Lock Fast Joints cannot become unscrewed in the drain.



Adaptor Joint for connecting Cleaner to ordinary Cane Rods.



Cleaner passing through gulley trap.



Section of W.C. Pan and Trap with Cleaner passing through.

PRICES.

Per set, 6' 0" long (in two 3' lengths) including Handle, Adaptor Joint for Cane Rods, and tool for unscrewing the joints, without which the joint cannot be undone under any circumstances.

Diameter of Spring 1" 3/4" 1 1/2"
No. DCS 3332 Set 16/3 12/4 9/3
Extra 3 feet lengths 5/10 5/- 3/3



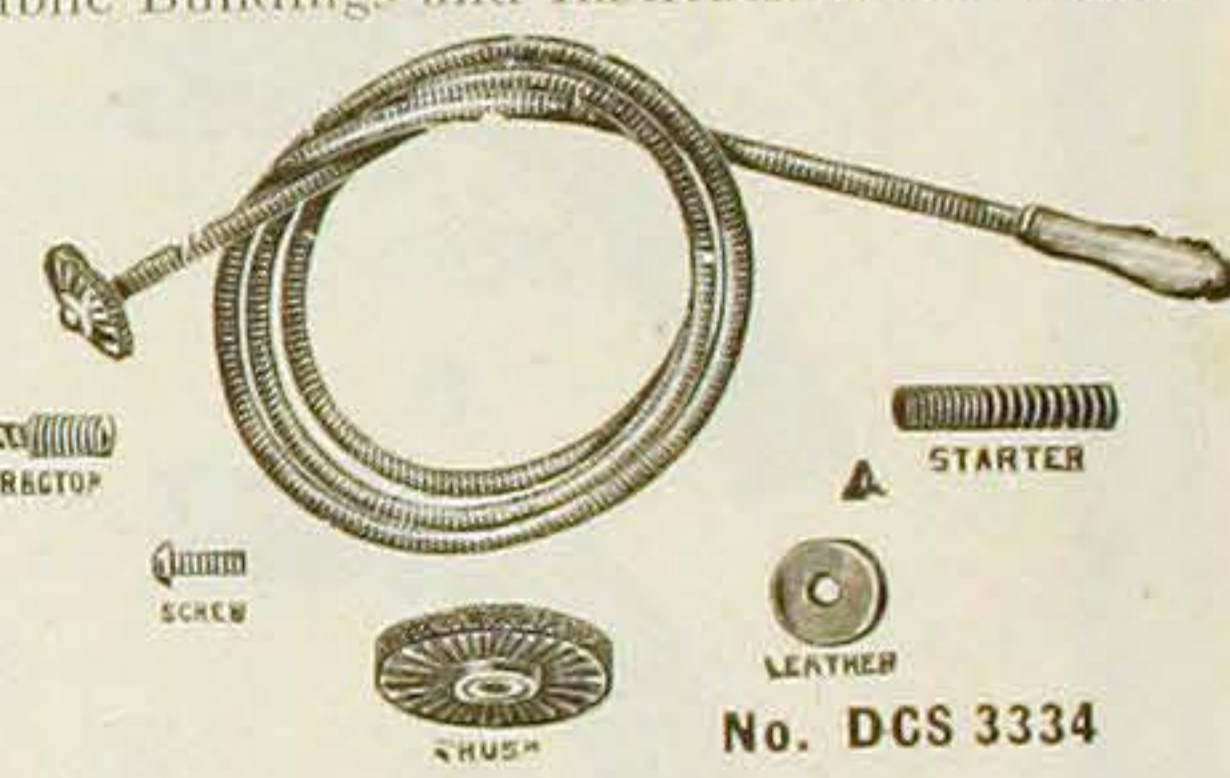
Handle to screw into Cleaner.

The "Avecta" Flexible Spring Drain-pipe Cleaners

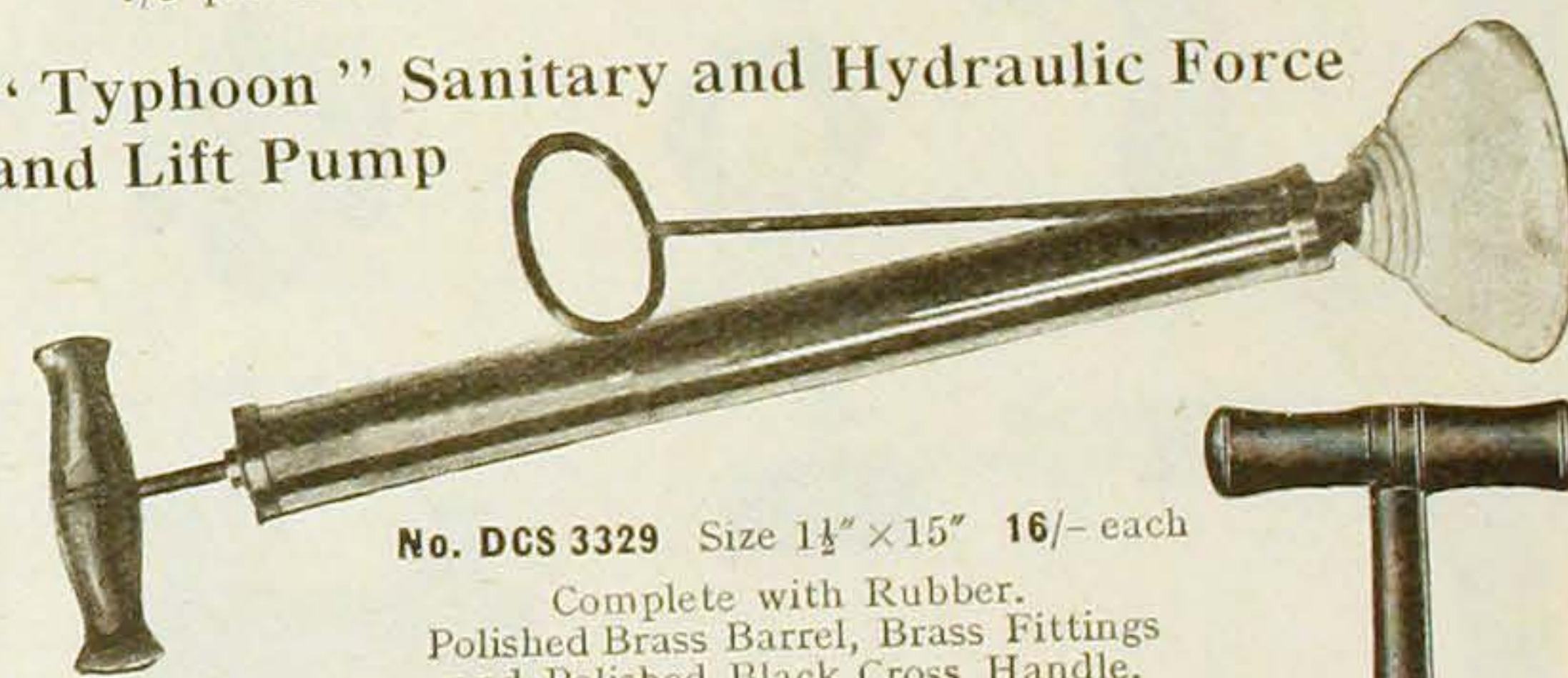
Prevent Disease, Ailments and Bad Smells. Invaluable to householders, Hotels, Works, Schools and all Public Buildings and Institutions for maintaining health and cleanliness. Negotiates any bend with ease. Rust resisting finish.

PRICES.

Size of Spring 6" x 3/8" diameter.
No. DCS 3334 Complete with fittings, 11/9 each.
No. DCS 3335 4" Brushes for large Drains, 2/6 each.
No. DCS 3336 Extra lengths for continuous joining up, 1/3 per foot.



"Typhoon" Sanitary and Hydraulic Force and Lift Pump



No. DCS 3329 Size 1 1/2" x 15" 16/- each
Complete with Rubber.
Polished Brass Barrel, Brass Fittings and Polished Black Cross Handle.

Cooper's Patent Suction and Vacuum Pumps

No. DCS 3323

Having 5 1/2" rubber sucker with 24" fixed wooden handle, suitable for general household use.

Price 7/6

Plumbers' Force Cups

The use of a Vacuum Cup is most efficacious in clearing a blocked pipe.

No. DCS 3330

3" 2/7 4" 2/10 5" 5/2 each.

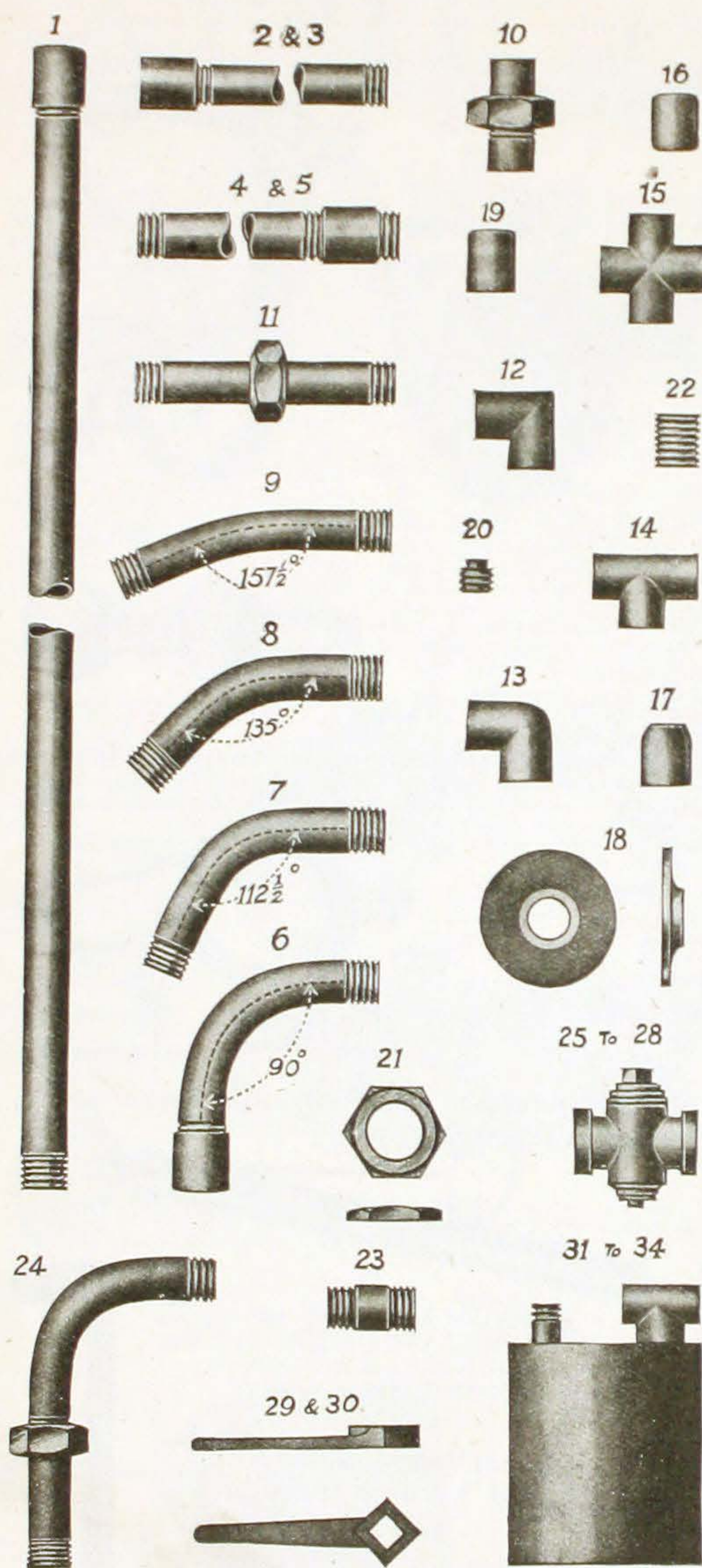


No. DCS 3330



No. DCS 3323

Standard Price List of Wrought-Iron and Steel Tubes and Fittings for Gas, Water and Steam



No.	Nominal Internal dia. in "	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	
TUBES.												
1	Tubes, 2' long and over	-4	-4 1/2	-5 1/2	-6 1/2	-9 1/2	1/1	1 1/4	1 8	1 10	per ft.	
2	Pieces 12" to 23 1/2" long	-10	-11	1/1	1 5	1 11	2 8	3 4	4 6	4 9	each.	
3	Ditto, 4" to 11 1/4"	-7	-8	-9	-11	1/3	1 8	2 2	2 10	3-		
4	Long Screws, 12" to 23 1/2"	-11	1-	1 3	1 7	2 2	2 10	3 9	5-	5 3		
5	Ditto, 3" to 11 1/4"	-8	-9	-10	1/1	1 5	1 11	2 6	3 3	3 6		
23	Barrel Nipples	-5	-5	-6	-7	-9	1-	1 4	1 8	1 9		
6	Bends	-8	-9	-11	1 2	1 7	2 7 1/2	3 2	4 2	5 2		
7,8,9	Springs, not socketed	-5	-6	-7	-9	1 1 1/2	1 11 1/2	2 3 1/2	3 1	3 11		
No.	Nominal internal dia. in "	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"				
1	Tubes, 2' long and over	2 6	2 10	3 3	4-	4 5	5 6	6-	7 6		per ft.	
2	Pieces 12" to 23 1/2" long	6 9	8-	10 6	13 6	15 6	21-	24-	32 6		each.	
3	Ditto, 4" to 11 1/4"	4 3	5 3	6 9	9 3	10 9	15 6	18-	25 3			
4	Long Screws, 12" to 23 1/2"	7 6	9-	12-	15 6	17-	23-	26 6	35 6			
5	Ditto, 3" to 11 1/4"	5-	6 6	8 6	11 6	13-	17-	20-	28-			
23	Barrel Nipples	2 6	3-	4-	6-	7-	10-	12 6	20-			
6	Bends	8 6	12-	18-	25-	32 6	80-	105-	150-			
7,8,9	Springs, not socketed	6 9	9 6	14 6	20-	26 6	70-	93-	132-			
No.	Nominal Internal dia. in "	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	
FITTINGS.												
10, 11	Socket or Pipe Union	2/-	2 6	3/-	4/-	5 6	6 9	8/-	9/-	10/-	each.	
12	Elbows, square	-10	-11	1/1	1 3	1 6	2 2	2 7	3 4	4 3		
13	" round	-11	1-	1 2	1 5	1 8	2 4	2 10	3 9	4 8		
14	Tees	1/-	1 1	1 3	1 7	1 10	2 6	3 1	4 2	5 1		
15	Crosses	2 2	2 4	2 9	3 3	4 1	5 6	6 7	8 6	10 6		
16	Sockets, Plain	-3	-3	-4	-5	-6	-8	-10 1/2	1 1	1 3		
17	Sockets, Diminished	-4	-5	-6	-7	-9	1-	1 4	1 9	2-		
18	Flanges	-9	-10	1-	1 2	1 4	1 9	2-	2 3	2 9		
19	Caps	-3 1/2	-3 1/2	-5	-6	-8	1-	1 3	1 7	2-		
20	Plugs	-3	-3	-4	-5	-6	-8	-10	1-	1 3		
21	Backnuts	-2	-2	-3	-3 1/2	-5	-6	-8	-10	1 1		
22	Nipples	-2	-2	-3	-3 1/2	-4	-6	-8	-10	1-		
24	Union Bends	2 6	3-	3 9	5-	6 3	8 6	10-	11 6	13 6		
No.	Nominal Internal dia. in "	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"				
10, 11	Socket or Pipe Union	15/-	17 6	22 6	27 6	35/-	48/-	66/-	105/-		each.	
12	Elbows, square	6 9	9 6	14-	22-	28-	35-	45-	55-			
13	" round	7 3	10 6	16-	24-	30-	38-	48-	58-			
14	Tees	7 9	11 6	18-	26-	32-	40-	50-	60-			
15	Crosses	17-	22-	30-	38-	46-	56-	66-	76-			
16	Sockets, Plain	1 9	2 6	3 6	5-	6-	8-	10-	12-			
17	Sockets, Diminished	4-	5-	7-	9-	11-	14-	17-	21-			
18	Flanges	4-	5-	8 6	10-	11 6	16-	18-	27-			
19	Caps	3-	4 4	6-	9 9	10 6	15-	18-	25-			
20	Plugs	2-	2 6	4 9	7-	10-	12-	15-	20-			
21	Back Nuts	1 9	2 3	3 6	4 6	5 6	8-	10-	13-			
22	Nipples	1 9	2 3	3 6	4 6	5 6	8-	10-	13-			
24	Union Bends	21/-	27/-	37/-	49/-	58/-	78/-	100/-	160/-			
No.	Nominal Internal dia. in "	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	
25	Main Cocks	1 6	1 9	2 3	2 10	4 2	5 4	7/-	11 6	11 6	each.	
26	Ditto, with Brass Plugs	-	3 4	4-	5 4	7 6	10-	13-	21-	21-		
27	Round Way Cocks	-	2 7 1/2	3-	4 1 1/2	5 7 1/2	7 6	9 9	13 1 1/2	16 6		
28	Ditto, with Brass Plugs	-	7 10	9-	12 4	16 10 1/2	22 6	29 3	39 4	49 6		
29	Cock Spanners, Wrought	-	1 1 1/2	1 3	1 7 1/2	2-	2 4 1/2	2 7 1/2	3-	3 3		
30	Ditto, Malleable Cast	-	-9	1-	1 3	1 6	1 9	2 3	2 7 1/2	3-		
31	Syphon Box, 1 quart	-	-	22 9	23-	23 4	24-	24 6	25 2	26 3		
32	Ditto, 2 quarts	-	-	-	27-	27 4	28-	28 6	29 2	30 3		
33	Ditto, 3 quarts	-	-	-	32-	32 4	33-	33 6	34 2	35 3		
34	Ditto, 4 quarts	-	-	-	38-	38 4	39-	39 6	40 2	41 3		
No.	Nominal Internal dia. in "	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"				
25	Main Cocks	16/-	17 6	26-	40-	47 9	125-	125-	165-			
26	Ditto, with Brass Plugs	34-	40-	50-	75-	100-	225-	225-	325-			
27	Round Way Cocks	28 6	45-	56 3	90-	120-	-	-	-			
28	Ditto, with Brass Plugs	85 6	135-	168 9	270-	360-	-	-	-			
29	Cock Spanners, Wrought	3 7	4 6	6 9	9-	10 6	12-	14 3	18-			
30	Ditto, Malleable Cast	3 7	4 6	6 9	9 6	10 6	12-	14 3	18-			
31	Syphon Box, 1 quart	28 6	-	-	-	-	-	-	-			
32	Ditto, 2 quarts	32 6	35 6	42 6	-	-	-	-	-			
33	Ditto, 3 quarts	37 6	40 6	47 6	55 6	61 6	-	-	-			
34	Ditto, 4 quarts	43 6	46 6	53 6	61 6	67 6	-	-	-			

Special Prices will be quoted upon receipt of Specification.

Wall Plugs,

Pipe Brackets, etc.

WALL PLUGS, Black.



No. PHQ 4120

Size 2"

Tapped for 1/8" Rods.

Whitworth Thread.



No. PHQ 4121

Size 3"

Tapped for 1/8" Rods.

Whitworth Thread.



No. PHQ 4122

Size 4"

Tapped for 1/8" gas pipe.

Whitworth Thread.

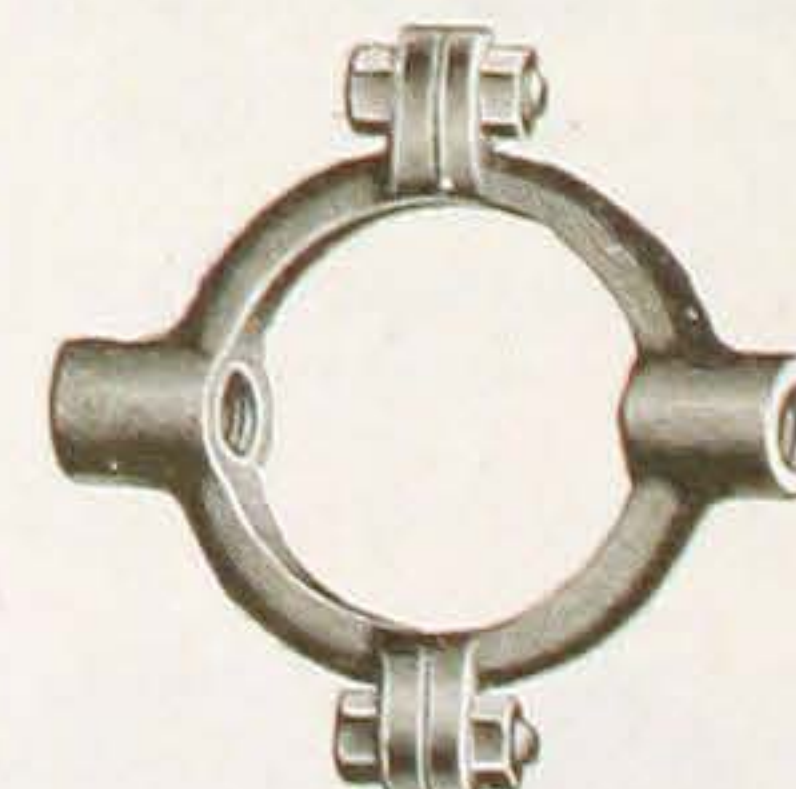
No. PHQ 4120	Tapped for 1/8" Rods	5/3 dozen.
No. PHQ 4121	" " " "	10/6 "
No. PHQ 4122	" " " "	7/- "
No. PHQ 4122	" " " "	10/6 "



To Screw to Woodwork.

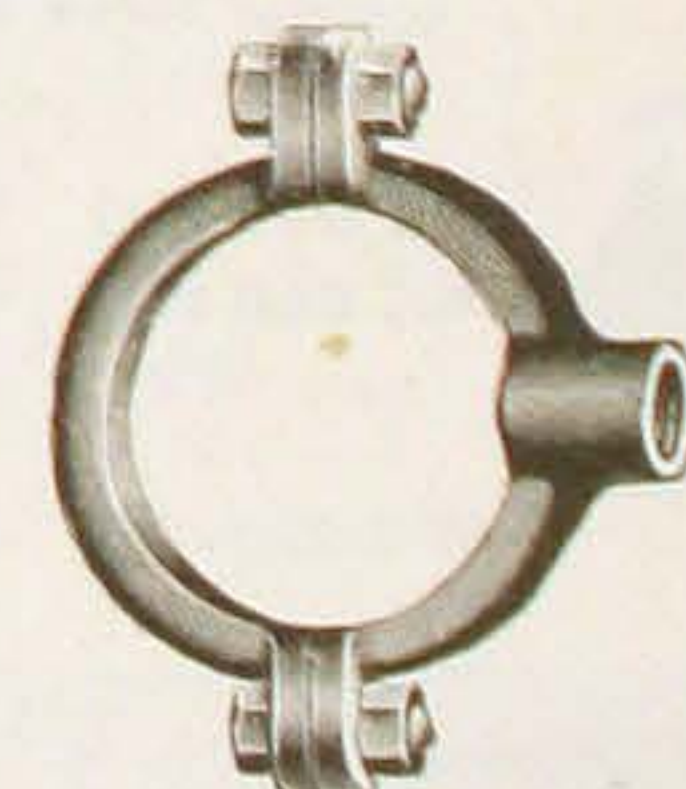
No. PHQ 4123

Size.	Black.	Galvanized.
1"	5/3	7/- dozen.
1 1/4"	6/2	8/- "
1 1/2"	7/-	8/9 "
2"	8/9	10/6 "
2 1/2"	10/6	13/2 "
3"	15/-	18/6 "
3 1/2"	19/3	24/6 "
4"	28/-	35/- "
	47/3	59/6 "
	56/-	70/- "
	73/6	91/- "



No. PHQ 4124

Sizes 1" to 2" inclusive are tapped for 1/8" gas tube.
 Sizes 2 1/2" to 4" inclusive are tapped for 3/8" gas tube.
 In the smaller sizes the parts are fastened together with 1/4" hexagon bolts and nuts, and in the larger sizes with 1/2" hexagon bolts and nuts.



No. PHQ 4125

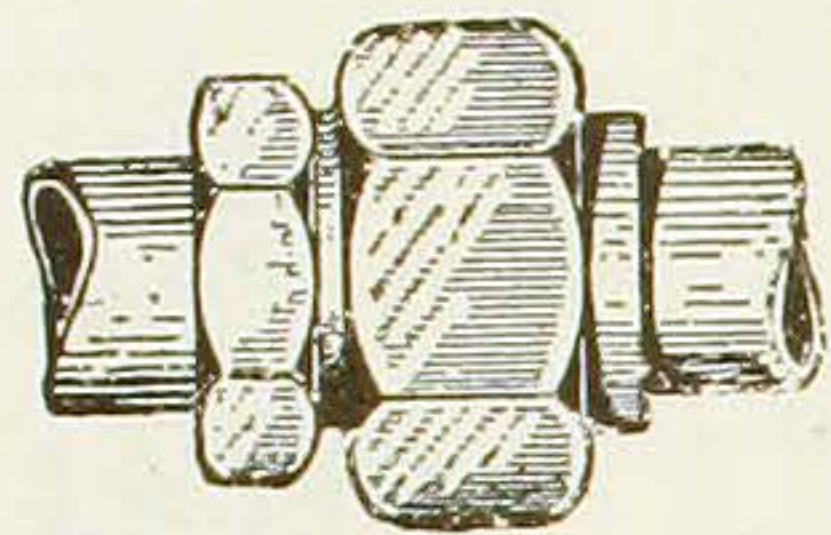
Size	1"	1 1/4"	1 1/2"	1 3/4"	2"
No. PHQ 4124	12/3	13/3	14/-	15/9	17/6 dozen.
No. PHQ 4125	10/6	11/6	12/3	14/-	15/9 "
Size	2"	2 1/2"	3"	3 1/2"	4"
No. PHQ 4124	21/-	24/6	28/-	33/3	dozen.
No. PHQ 4125	17/6	20/3	24/6	28/-	"

"B" Basis except Tubes and Fittings.

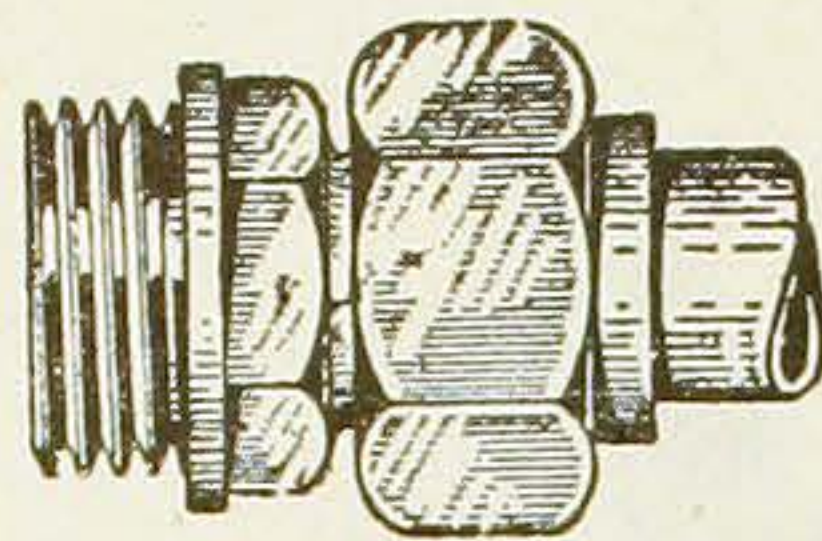
PHQ—Quick delivery.

Highest Quality Gun-Metal Joints for Copper Tubes

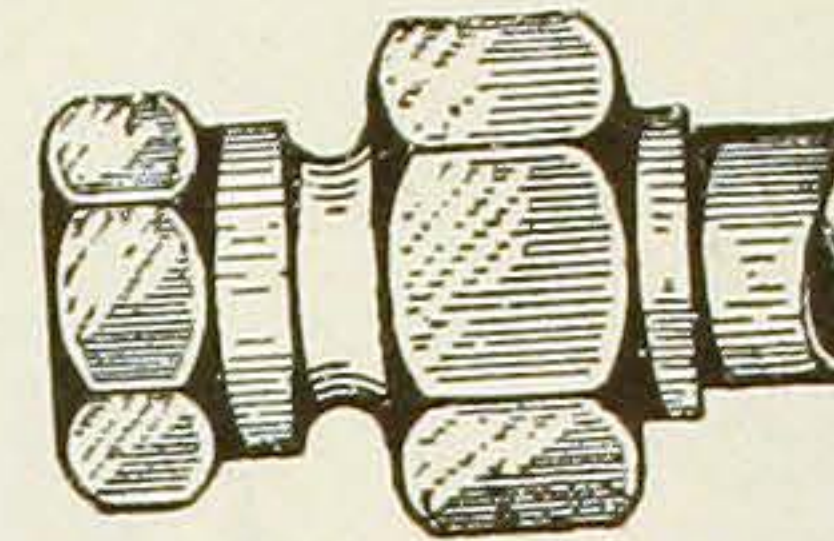
PRICED EACH.



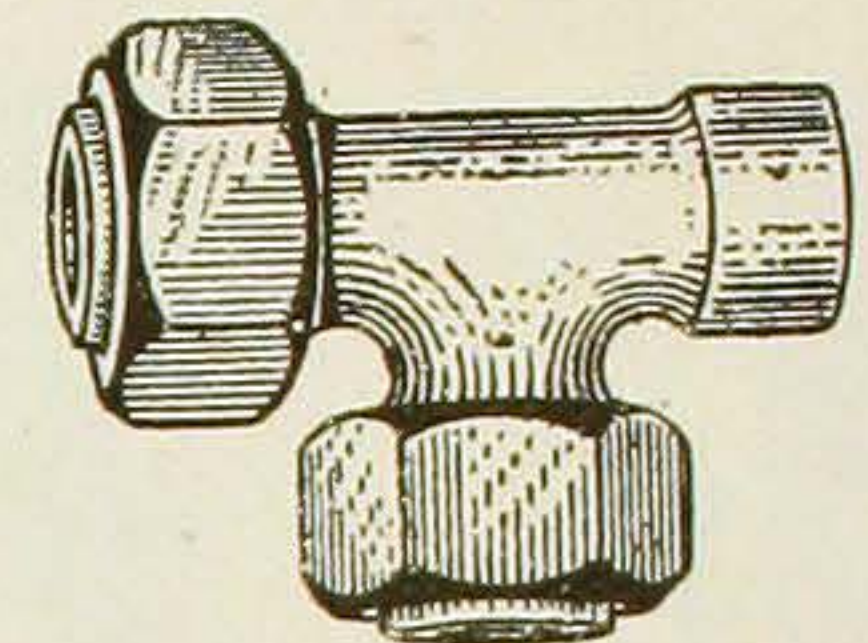
No. PHQ 8388 UNION.
Straight Coupling. Copper to Copper.
Size .. 1/4 1/2 3/4 1 1 1/2 1 3/4 2"
Price .. 1/4 1/5 2/- 2/10 3/9 5/2 8/-



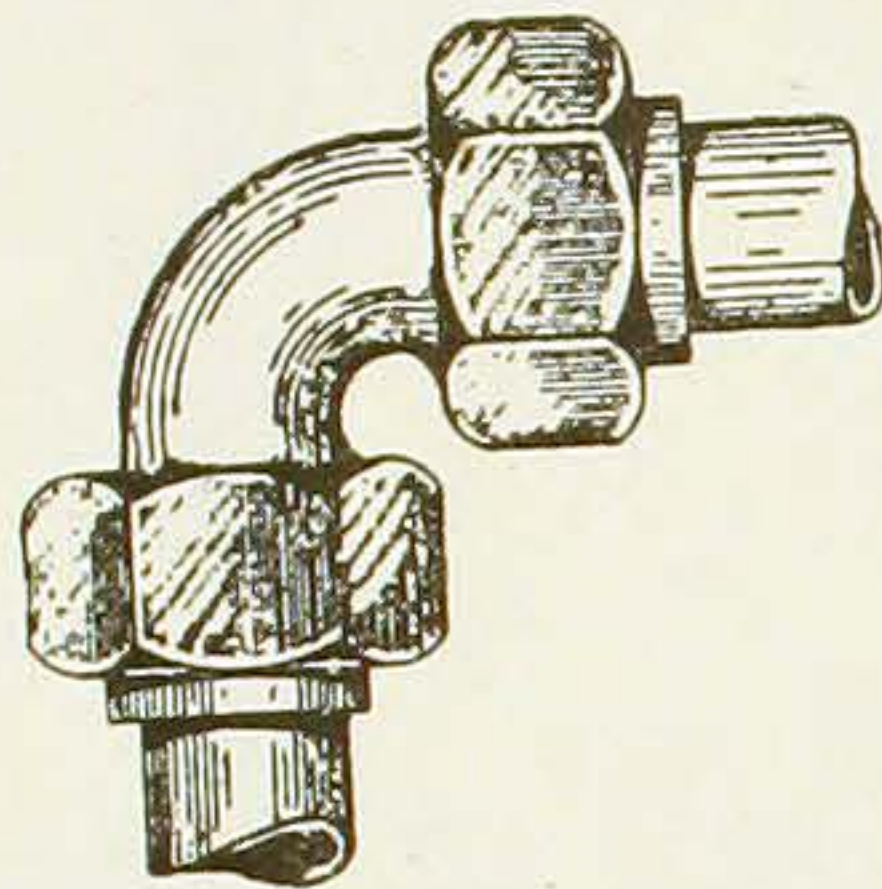
No. PHQ 8389 STRAIGHT BOILER UNION.
Iron Male to Copper.
Size .. 1/8 1/4 3/8 1/2 3/4 1 1 1/2 2"
Price .. 1/6 1/7 2/4 3/4 4/5 6/1 9/5



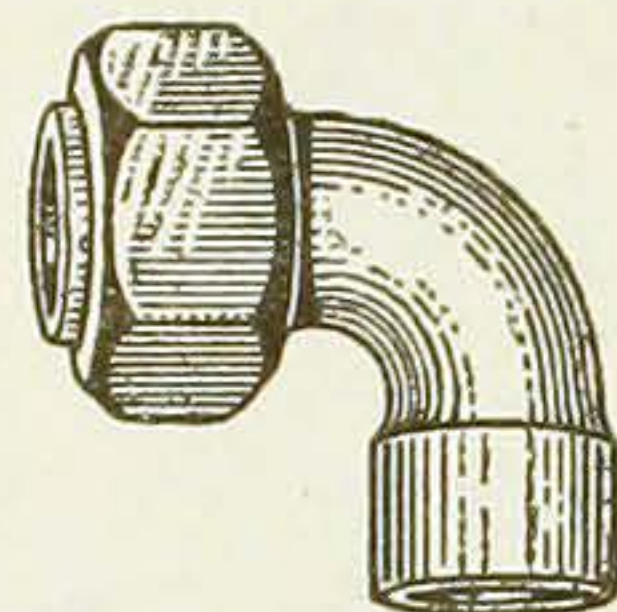
No. PHQ 8390 STRAIGHT UNION.
Iron Female to Copper.
Size .. 1/8 1/4 3/8 1/2 3/4 1 1 1/2 2"
Price .. 1/8 1/11 2/4 3/7 4/8 6/7 9/10



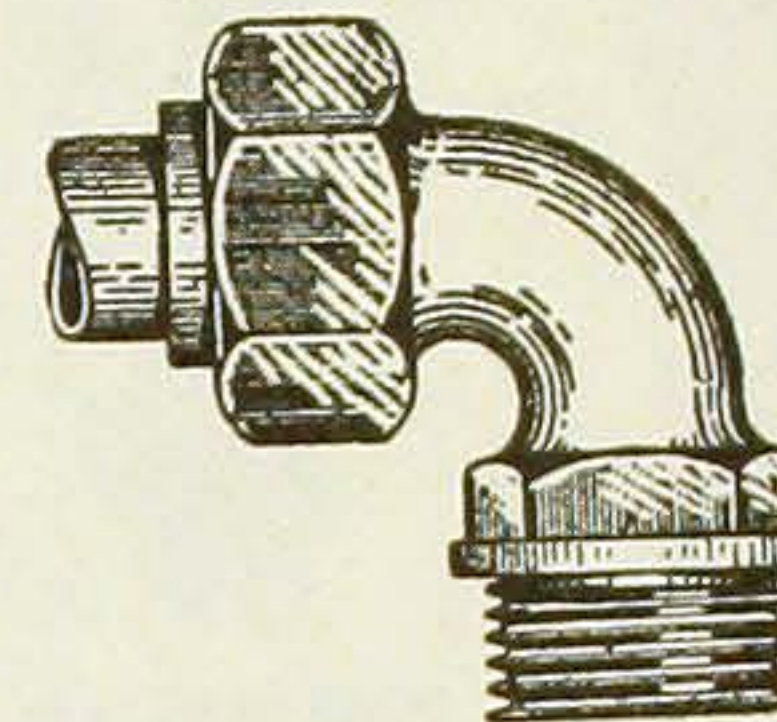
No. PHQ 8391 TEE.
Iron Female to Copper.
Size .. 1/4 3/8 1/2 3/4 1 1 1/2 2"
Price .. 3/4 3/9 6/1 9/- 13/7 18/4



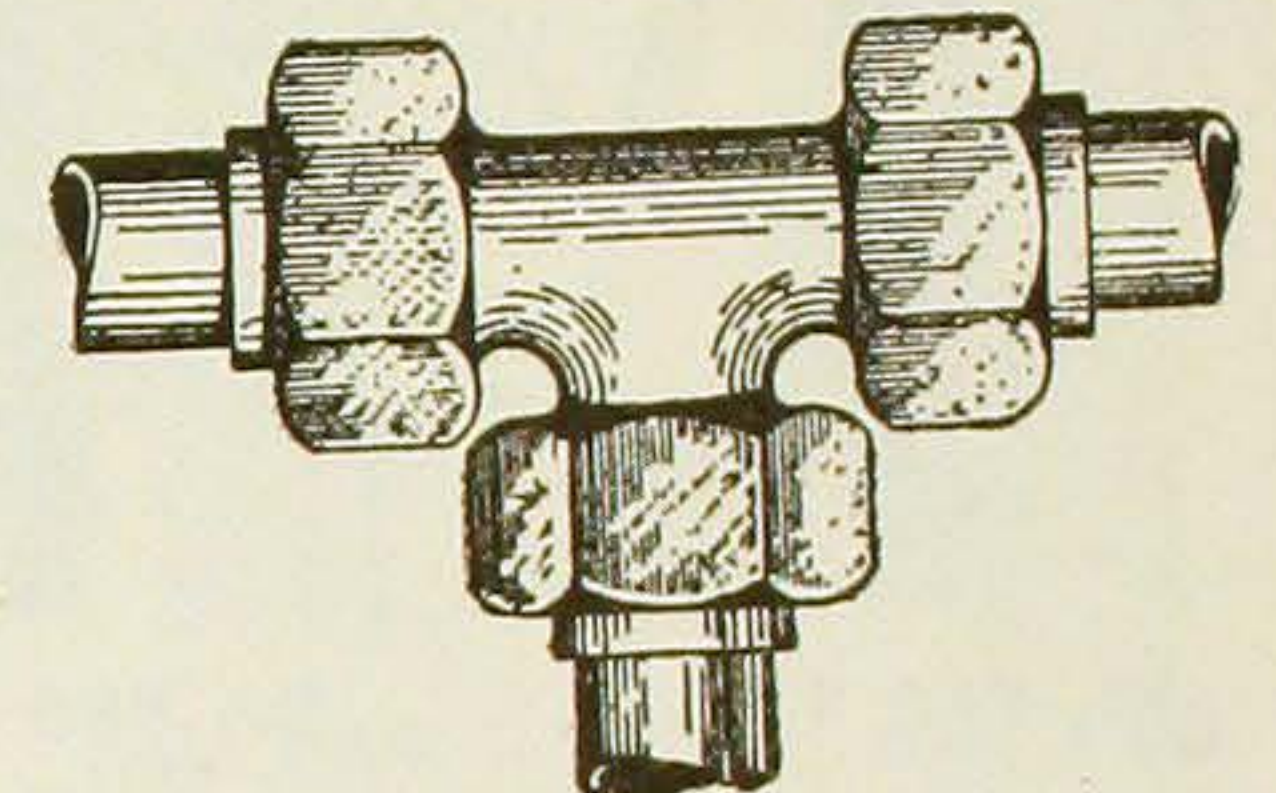
No. PHQ 8392 ELBOW.
Copper to Copper.
Size .. 1/4 1/2 3/4 1 1 1/2 2"
Price .. 2/7 3/2 4/8 6/10 10/1 14/10



No. PHQ 8393 ELBOW.
Iron Female to Copper.
Size .. 1/4 1/2 3/4 1 1 1/2 2"
Price .. 2/2 2/10 4/3 5/6 7/6 12/2



No. PHQ 8394 BOILER COUPLING.
Iron Male to Copper.
Size .. 1/4 1/2 3/4 1 1 1/2 2"
Price .. 2/4 2/10 4/8 5/8 7/9 12/8

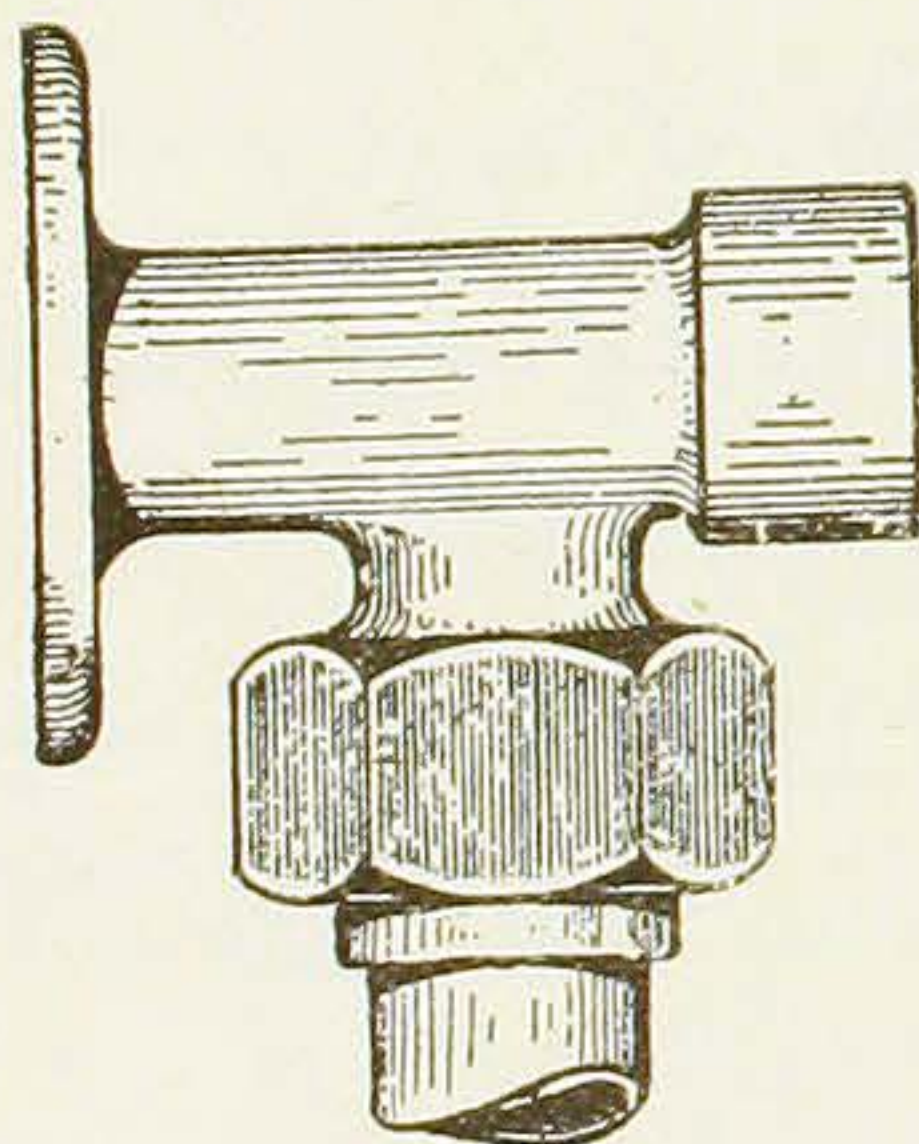


No. PHQ 8395 TEE.
All Copper.
Size .. 1/4 1/2 3/4 1 1 1/2 2"
Price .. 3/4 4/1 6/10 9/10 14/10 19/8

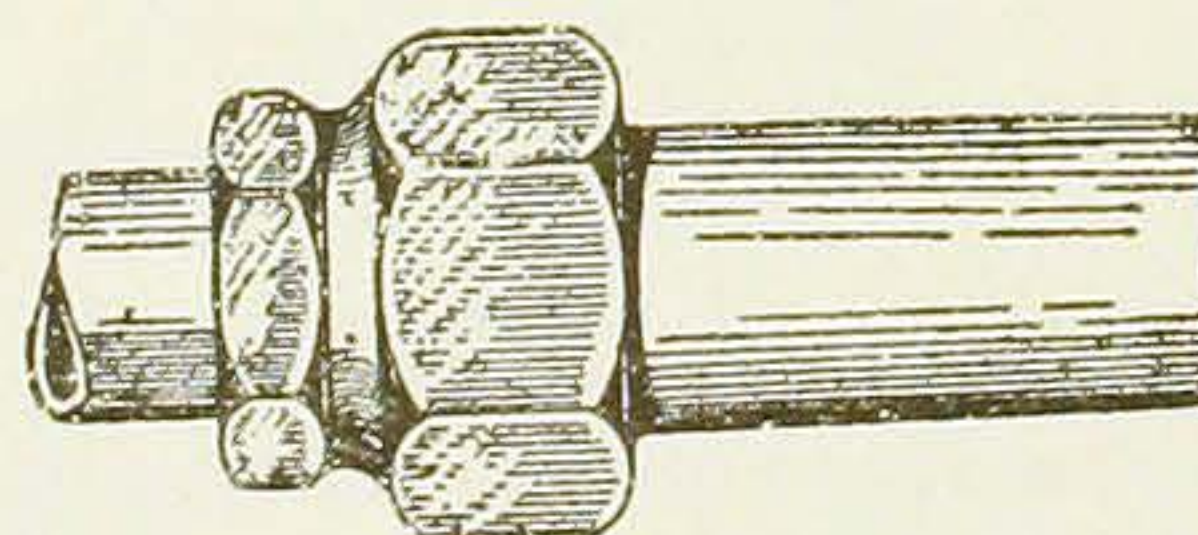
NOTE.—All Fittings and Copper Tube Prices are subject to frequent fluctuations.

S.D. COPPER TUBES. No. PHQ 8387			
3/4" bore.	17W.G.	Weight 55 lbs. per foot.	Approx. Price
1 1/4"	"	"	88
1 1/2"	"	"	38
2"	"	"	2/3 per lb.
Extra if supplied tinned, 6d. lb.			Any size supplied.

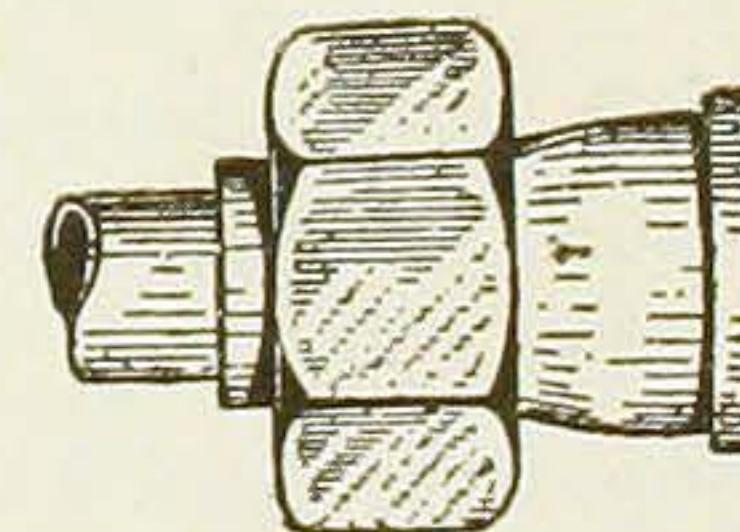
NOTE.—All Fittings and Copper Tube Prices are subject to frequent fluctuations.



No. PHQ 8396 ELBOW WITH WALL PLATE.
Female Iron to Copper.
Size .. 1/4 1/2 3/4 1"
Price .. 3/7 4/8 6/7



No. PHQ 8397 STRAIGHT BOILER UNION.
Lead to Copper.
Size .. 1/8 1/2 3/4 1"
Price .. 1/8 2/2 3/11



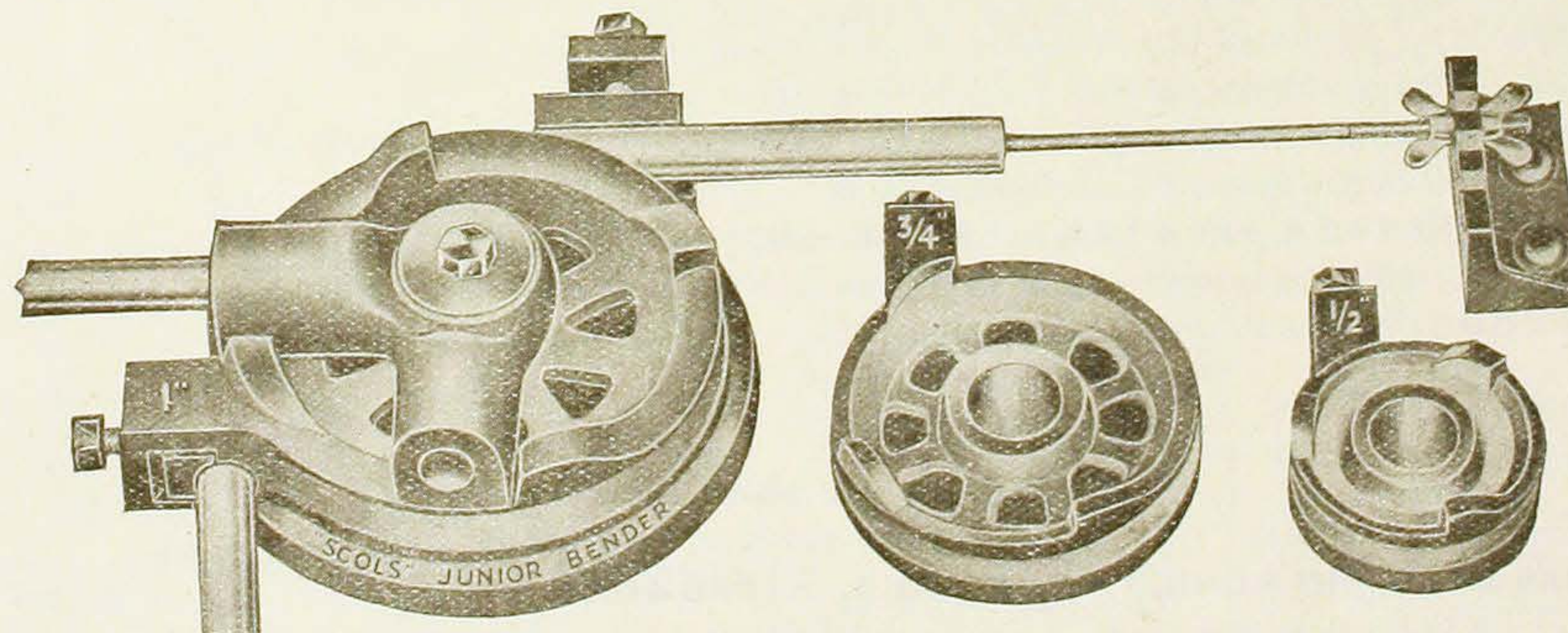
No. PHQ 8398 REDUCING COUPLING.
Adapted to suit Branches for Fittings to smaller sizes. Priced according to reduction. Quotations upon request.



No. PHQ 8399 EXPANDING TOOLS.
Size .. 1/4 1/2 3/4 1 1 1/2 2"
Price .. 4/8 6/1 7/6 11/11 13/7 18/9

"Scols" Junior Tube Bender

(Patent 263657/26).



No. PHQ 8400.

Highly suitable for bending **Light and Heavy Gauge Copper Tubes**, from 1/8" to 1 1/4" diameter, and 12 to 22 gauge. Portable. Quick. Efficient. No. Loading. No Waste Ends.

Machine with two Standard Formers, 1/2" and 3/4" x 19's Gauge Copper Tube.	Price ..	£5 1 9
Machine with three Standard Formers, 1/2", 3/4" and 1" x 19's Gauge Copper Tube.	Price ..	£9 3 9
(This Machine will also bend 1 1/4" x 18's Gauge Copper Tube). Additional Former and Mandrel.	Price ..	£2 2 9
Machine with Three Formers and Mandrels, suitable for bending 1/2", 3/4" and 1 1/4" British Standard Copper Tubes.	Price ..	£9 3 9

This Tube Bender will bend to any required measurement, also "Return Bends," "Swan Necks," "Double Right Angles," etc.

The Base Plate of Machine is marked with various degree lines to save the making of templates. Full instructions with each machine. Intermediate sizes can be supplied on request.

Lift Pumps of Universal Value

FOR WELLS OR CISTERNS NOT OVER 25 FEET IN DEPTH.



No. PHS 4080



No. PHS 4080/1
With Lugs
Stocked up to 3"



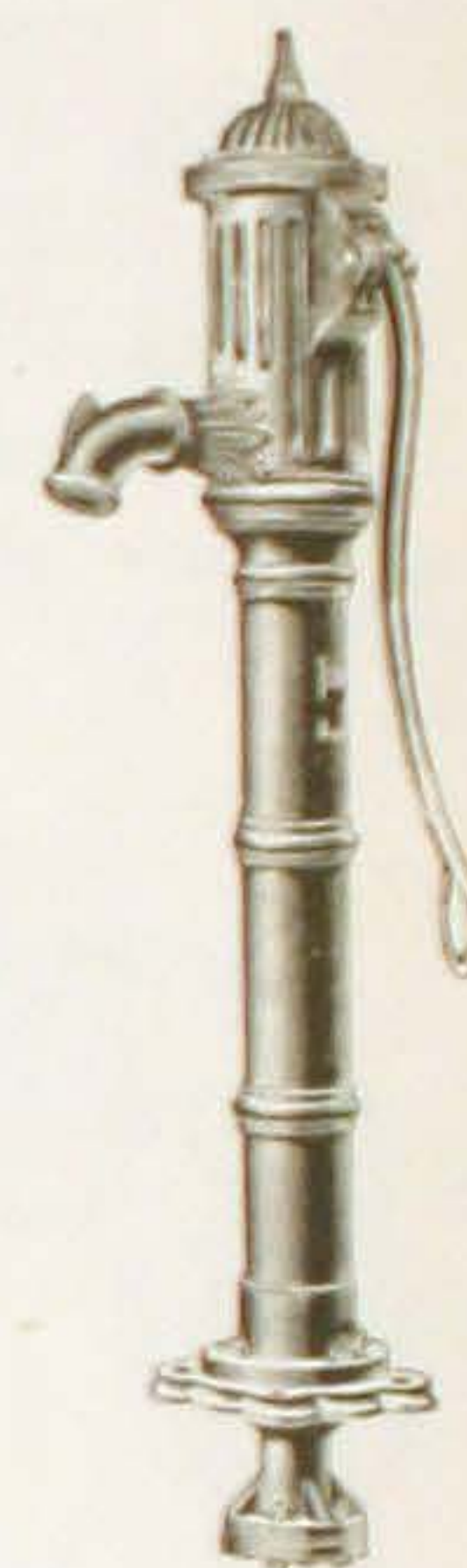
No. PHS 4080/2
With Bracketed Tail



No. PHO 4082/8



No. PHO 4184 As shewn
No. PHO 4185 With Lugs
No. PHO 4186 On Plank



No. PHS 4085
Stocked in 7" only.

These Improved Patterns are the embodiment of 40 years of experience in the manufacture of these pumps, every detail has had attention. The pumps are fitted with our **Leather Cupped Bucket and Brass Valve Seating and Tail Nut**, and **Iron Weighted Leather Suction Clack**.

All Flanges are Circular, and are secured by bolts with square necks, and all nuts are accessible.

All castings are machine moulded. All parts are machined by special tools to gauge. The handle may be fixed right hand, left hand, or at back of spout. These pumps are anti-freezing. By raising the handle to its full height the valve is tilted and barrel emptied of water.

These pumps may be brass lined, or fitted with brass leather cupped bucket and leather clack bottom valve having brass weight, at extra given.

Portable Colonial Pump as **PHS 4080** but mounted on Wrought Iron Tripod, strong brass lined York Pump 14" underspout.

As **PHO 4184** but with lugs for bolting to wall or plank.

As **PHO 4185** but mounted on hardwood plank.

Heavy Pattern Cast Iron Yard Pump, with Bucket and Leather Suction Clack, with Iron Weight, the Tail-piece is flanged for Cast Iron Suction Pipe, and is also fitted with Counter Flange for Wrought Iron Pipe.

		Diameter of Working Barrel	...	2"	2½"	3"	3½"	4"
		Diameter of Suction Pipe (except PHS 4085)	...	1"	1½"	1½"	1½"	2"
		Diameter of Suction Pipe, PHS 4085	...	1½"	1½"	2"	2"	2"
Nos. PHS 4080, 4080/1 and PHS 4080/2	Colonial Pumps, English Type, with Brass Union Tail	...	...	18/9	24/2	30/-	43/4	53/4
No. PHO 4082/8	Colonial Pumps, English Type, mounted on tripod, and with Brass Union Tail for Hose	...	...	31/6	37/-	42/9	57/7	67/7
	Extra for above Pumps, Fitted with brass lining	...	...	3/-	3/5	4/6	5/8	6/9
	" " " Fitted with Brass Bucket and Valve	...	...	3/-	3/-	3/9	5/3	6/9
No. PHO 4184	York or Cistern Pumps with flanged base and vibrating straps on fulcrum	...	...	—	36/-	39/9	44/3	49/6
No. PHO 4185	York or Cistern Pumps, brass lined, and with lugs and vibrating straps on fulcrum	...	...	—	35/3	39/-	43/6	48/9
No. PHO 4186	Is No. PHS 4185 Pump, mounted on hardwood plank	...	...	—	48/-	51/9	56/3	61/6
	Extra for Nos. PHO 4184, PHS 4185 and PHO 4186 , fitted with Brass Bucket and Valve	...	...	—	3/-	3/9	5/3	6/9
No. PHO 4085	Heavy Pattern Yard Pump, 36" under spout with cast iron handle	...	...	—	68/5	72/-	76/11	81/11
	Extra PHS 4085 , fitted with Brass Lining	...	...	—	4/6	5/3	6/5	6/9
	" " " Brass Bucket and Valve	...	...	—	3/-	3/9	5/3	6/9
	" " " Wrought Iron Handle	...	...	—	12/-	12/-	12/-	12/-
Spare Parts for above Pumps.								
No. PHO 4187	Iron Jaw Bucket for Colonial Pumps, Brass Tail-nut and Seat, Iron Wing Valve, Leather Cup,							
	Nos. PHS 4080, PHS 4080/1, PHS 4080/2, and PHO 4082/8	...	...	3/9	4/6	5/3	6/9	7/6
No. PHO 4188	Iron Bucket for Colonial Pumps, Brass Tail-nut and Seat, Iron wing Valve, Leather Cup,							
	for Nos. PHS 4080, PHS 4080/1, PHS 4080/2 and PHO 4082/8	...	...	3/-	3/9	4/6	5/8	6/9
No. PHO 4189	Strong pattern Iron Bucket, suitable for Pumps, PHS 4085	...	...	3/9	4/9	5/8	7/1	8/6
No. PHO 4129	" Brass " " " PHS 4085	...	...	4/9	6/7	8/6	9/3	13/2

All the above Pumps are Anti-Freezing.

Nos. PHS 4080 to PHS 4082/8 are fitted with Brass Union Tails screwed for iron piping, or arranged for hose, or for lead pipe, if specially ordered.

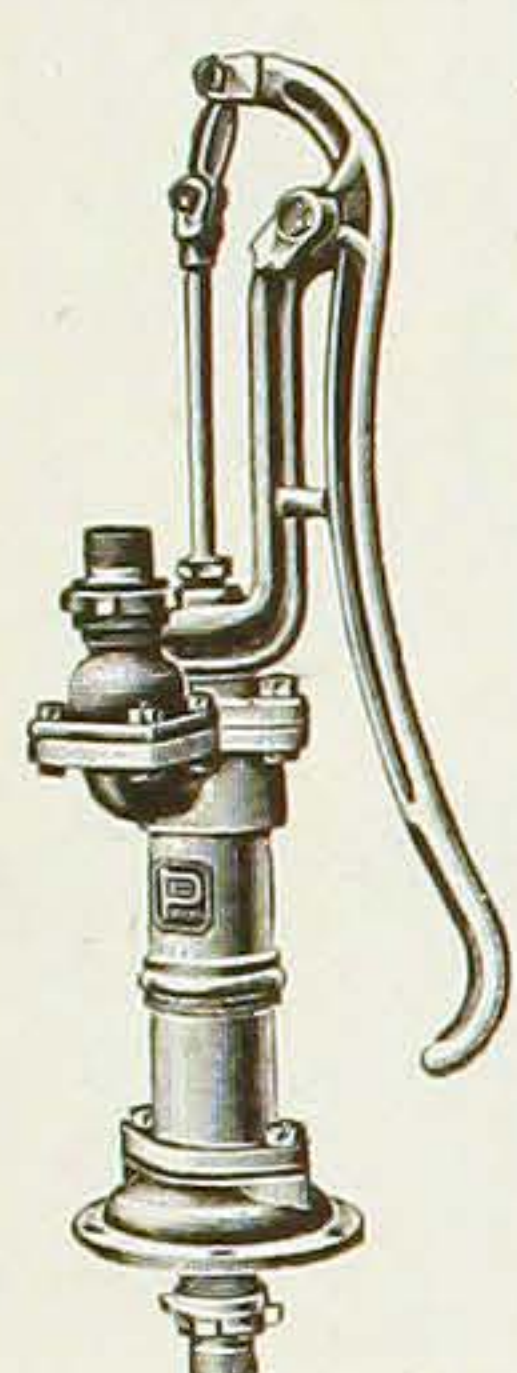
No. PHS 4085 is arranged for either Cast or Wrought Iron Piping at above prices; or fitted with Unions for lead at extra cost, given upon application.

"A" Basis, except **PHS 4080, 4080/1** and **PHS 4080/2** which are "B" Basis.

PHS—Stock Lines; PHO—To Order only

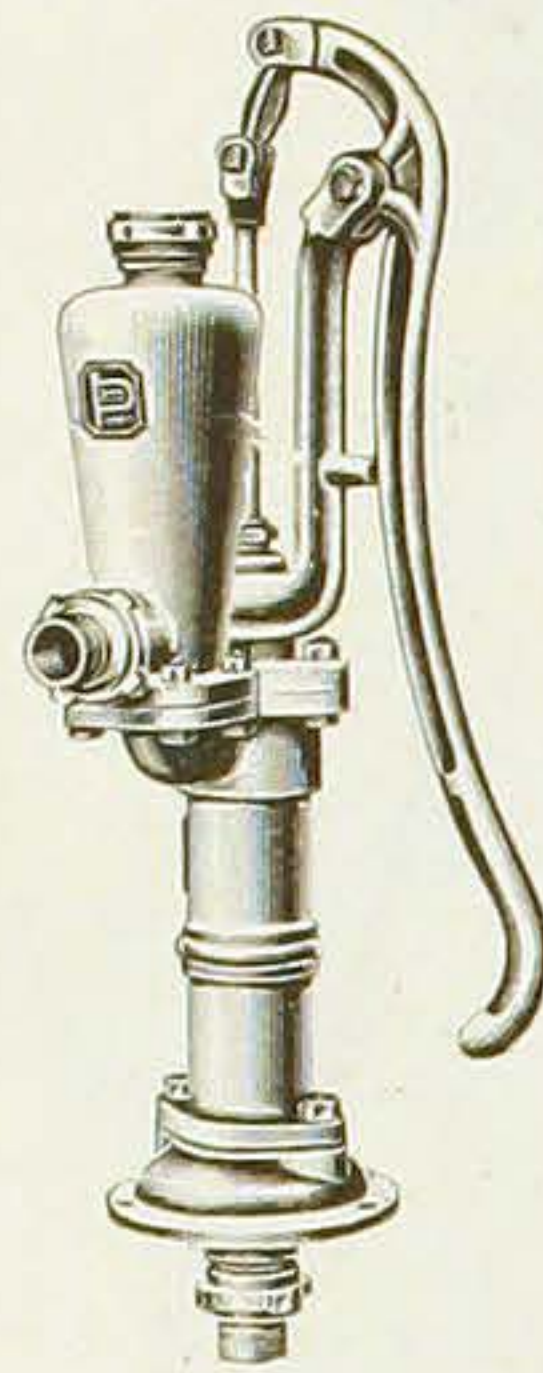
Lift and Force Pumps

FOR WELLS OR CISTERNS NOT OVER 25 FEET IN DEPTH.



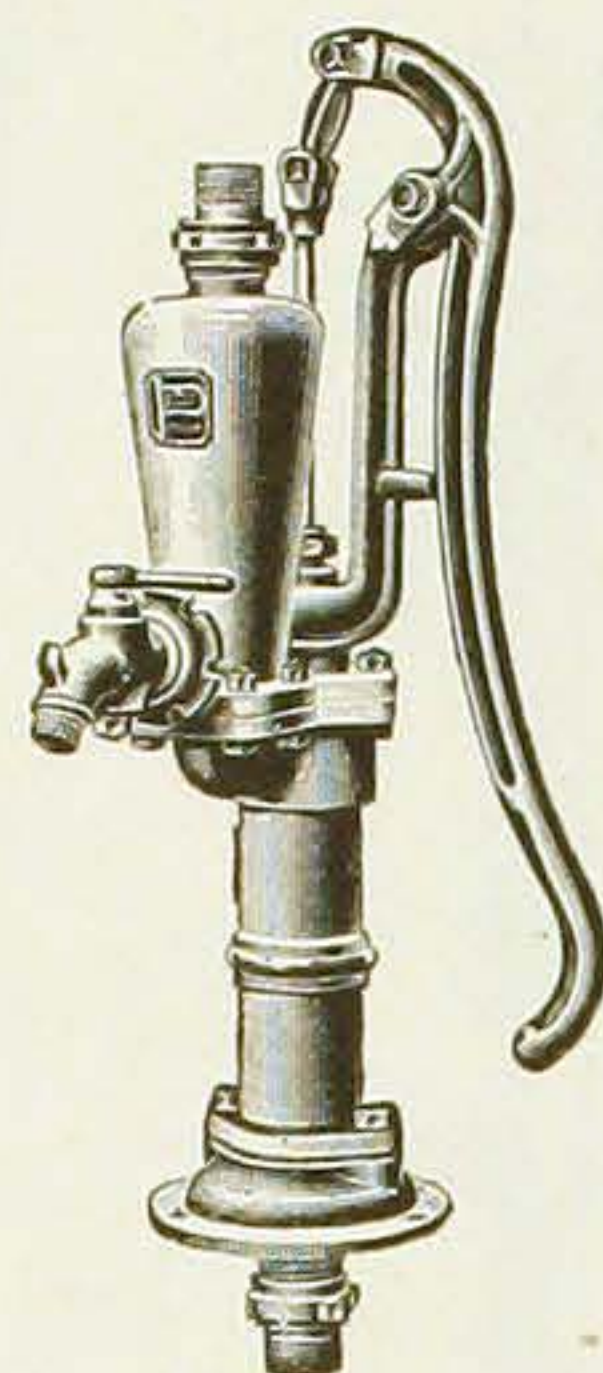
No. PHO 4127
Without Lugs.

No. PHO 4159
With Lugs.



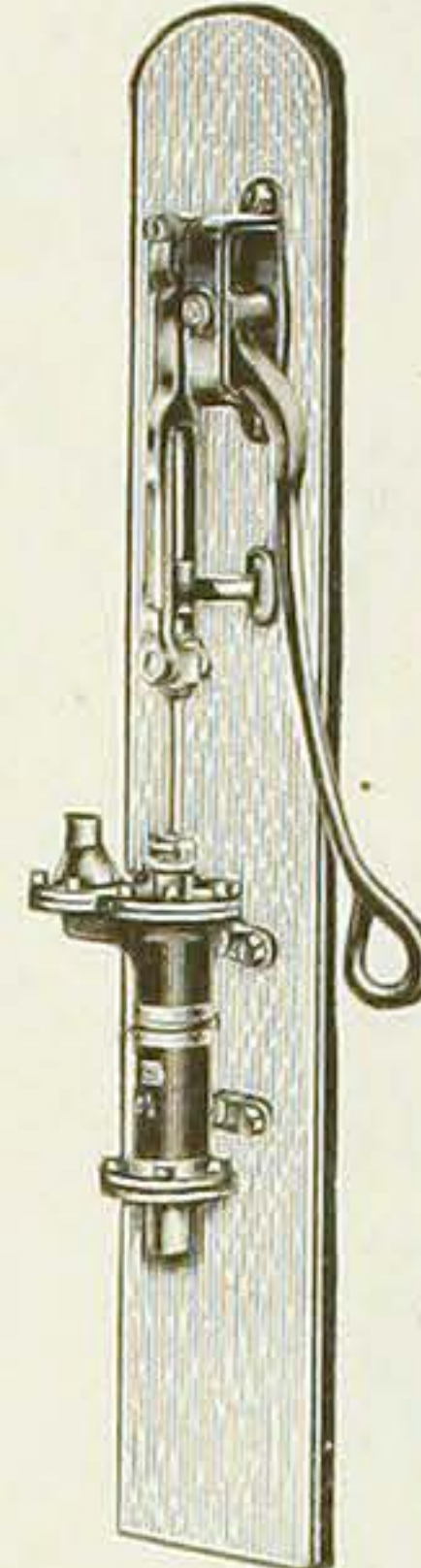
No. PHO 4081
Without Lugs.

No. PHO 4160
With Lugs.

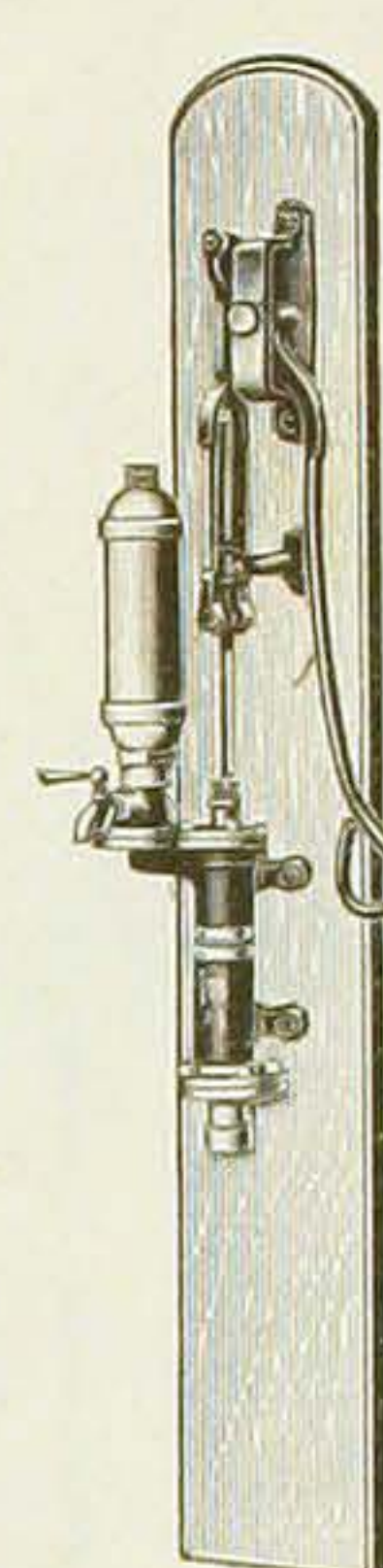


No. PHO 4082
Without Lugs.

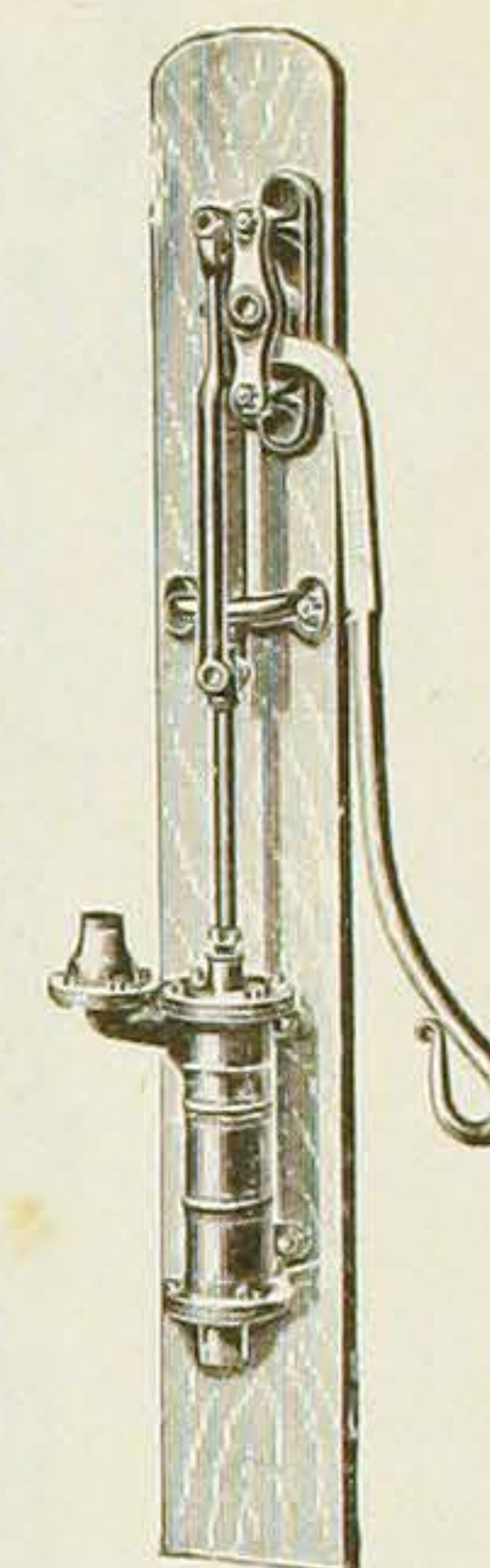
No. PHO 4161
With Lugs.



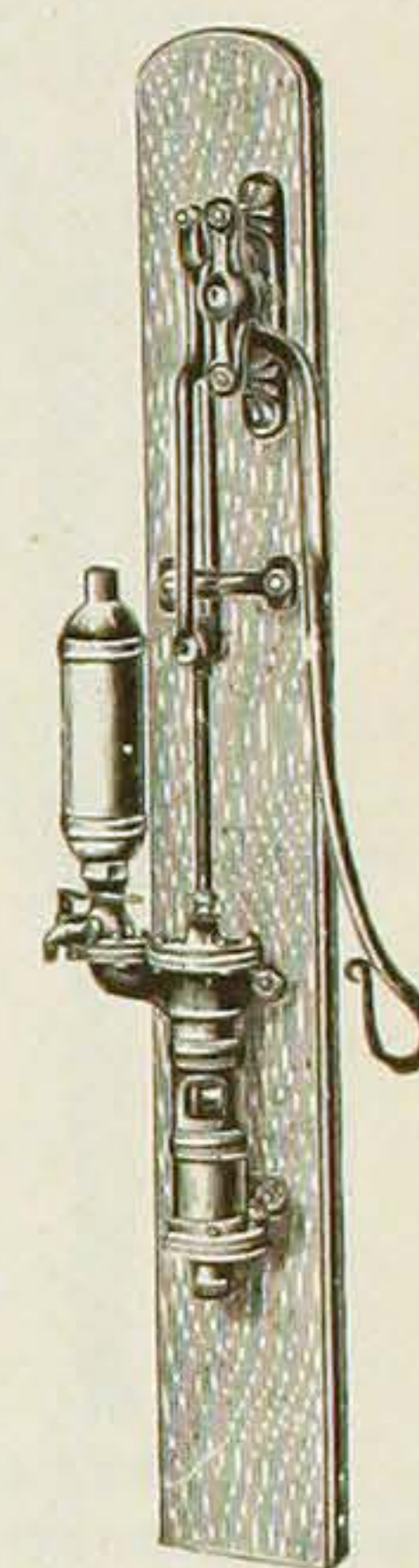
No. PHO 4166



No. PHO 4167



Nos. PHO
4162-4164



Nos. PHO
4163-4165

Nos. PHO 4127 to 4161 The Cast Iron Pump Cylinders are truly bored and fitted with leather cupped bucket with iron top and brass valve seating and tail nut. The bucket rod is of brass working through brass stuffing nut. The suction valve is of leather with iron weight. The suction inlet and delivery outlet are fitted with iron cap and brass tail screwed for iron. The handle fulcrum is so arranged that the handle is reversible.

No. PHO 4162 Iron Suction and Force Pump, with brass lined barrel and bucket and valve. The suction and delivery chambers are fitted with caps and brass union tails screwed for iron pipe. The wrought iron lever working arrangement is brass bushed, and the whole is mounted upon strong hard wood plank.

No. PHO 4163 Similar to **PHO 4162**, but the delivery chamber is fitted with a cast iron air vessel and brass draw-off cock. The air vessel is fitted with a counterflange screwed for iron delivery pipe, the suction chamber with a cap and brass union tail screwed for iron pipe.

No. PHO 4164 Is the highest class All Brass Lift and Force Pump on the market. The pump flanges are complete circles and not segmented, and are secured by gun-metal bolts and nuts. The lever handle is of wrought iron. The fulcrum bearings, and guide are brass bushed. The pump and working arrangement is mounted on strong hard wood plank. Comparison is challenged with any similar pump made. For home trade the suction and delivery chambers are arranged for lead pipe, unless ordered for iron. For export the chambers are screwed for iron pipe unless otherwise specified.

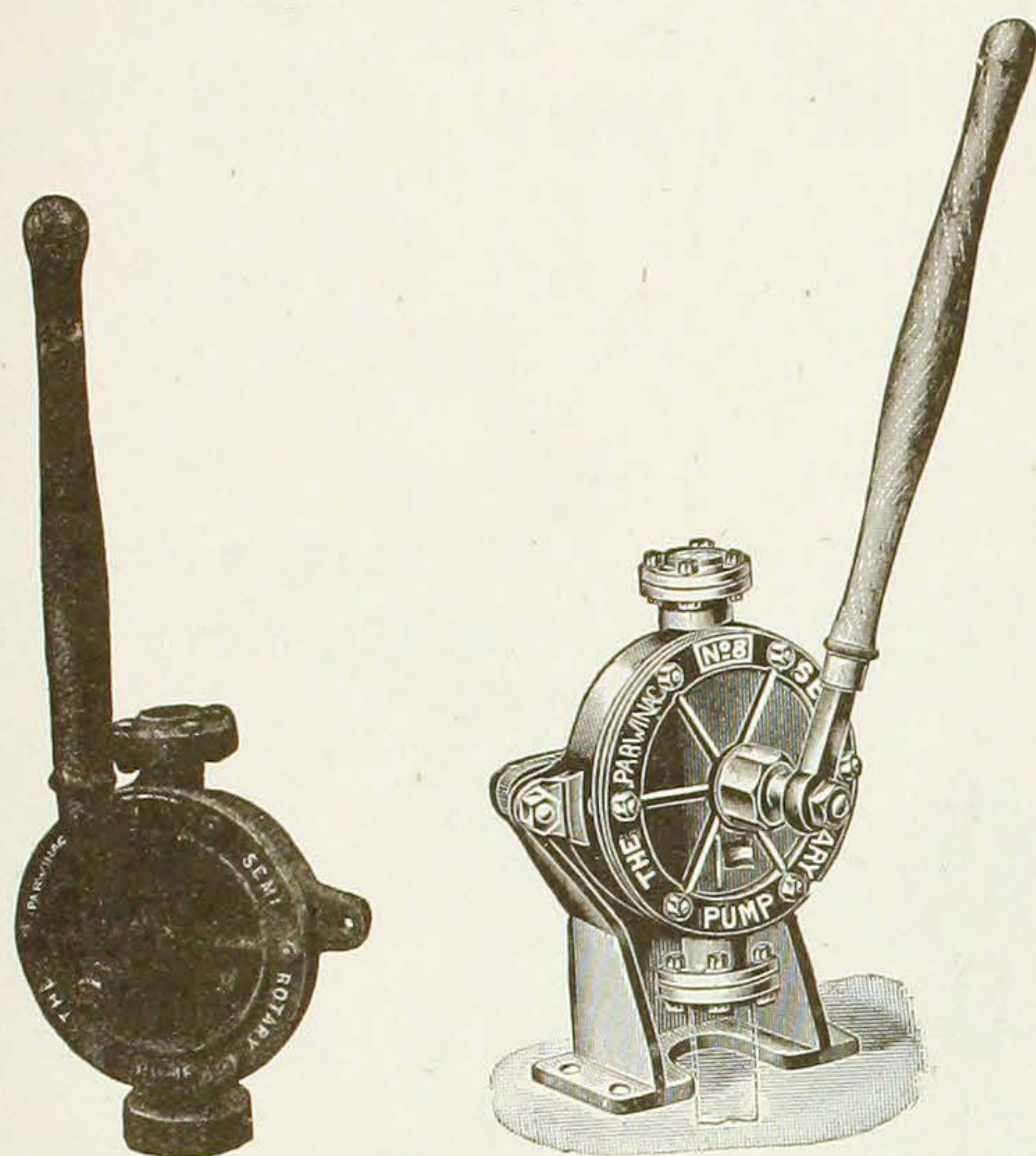
No. PHO 4165 Is similar to our celebrated **PHO 4164** Strong Brass Suction and Force Pump, but has the delivery chamber fitted with polished brass air vessel and brass draw-off cock.

No. PHO 4166 Is the latest design all Brass Lift and Force Pump, mounted on hardwood varnished plank, 5' high. Has brass bucket with brass bucket-rod, brass cross head, steel guide rod working through brass bushed guide bracket. The cast iron handle bracket is of special registered design and is fitted with a Manganese Bronze fulcrum pin. This Pump occupies less space but delivers the same quantity, to the same height, **with the same power applied**; as the more expensive pumps. It can be thoroughly recommended.

No. PHO 4167 Is similar to **PHO 4166** but has the delivery chamber fitted with polished brass air vessel and brass draw-off-cock.

Diameter of working barrel	...	...	...	...	...	2"	2½"	3"	3½"	4"
Diameter of suction and delivery, Nos. PHO 4162 to 4167	...	...	...	...	...	1"	1½"	1½"	2"	2"
" " " Nos. PHO 4127 to 4161	...	...	...	...	...	1"	1½"	1½"	1½"	2"
Approximate water capacity per hour	...	...	...	...	...gallons	120	190	270	370	480
Total vertical height water raised by one man, Nos. PHO 4162 to 4167	...	...	...	...	...	90'	60'	40'	30'	25'
" " " " Nos. PHO 4080 to 4161	...	...	...	...	...	75'	50'	33'	25'	21'
No. PHO 4127 Colonial Suction and Force Pump	...	...	...	...	...	£ 2 12 6	£ 2 16 3	£ 3 0 0	£ 3 7 6	£ 3 15 0
No. PHO 4081 " " " " with air chamber	...	...	...	...	...	£ 3 11 3	£ 3 15 0	£ 3 18 9	£ 4 10 0	£ 4 17 6
No. PHO 4082 " " " " and draw-off cock	...	...	...	...	...	£ 4 7 0	£ 4 10 9	£ 4 14 6	£ 5 10 3	£ 5 17 9
No. PHO 4159 " " " " with Lugs for bolting to wall or plank	...	...	...	...	...	£ 2 11 0	£ 2 14 9	£ 3 0 0	£ 3 4 6	£ 3 11 3
No. PHO 4160 " " " " with air chamber	...	...	...	...	...	£ 3 9 9	£ 3 13 6	£ 3 18 9	£ 4 7 0	£ 4 13 9
No. PHO 4161 " " " " to wall or plank, with air chamber and draw-off cock	...	...	...	...	...	£ 4 5 6	£ 4 9 3	£ 4 14 6	£ 5 7 3	£ 5 14 0
Extra : fitted with brass lining	...	...	...	...	...	£ 0 3 0	£ 0 3 5	£ 0 4 6	£ 0 5 8	£ 0 6 9
fitted with brass bucket and valve	...	...	...	...	...	£ 0 3 0	£ 0 3 0	£ 0 3 9	£ 0 5 3	£ 0 6 9
No. PHO 4162 Iron Lift and Force Pump, brass lined on hardwood plank	...	...	...	...	...	£ 6 0 0	£ 6 3 9	£ 6 7 6	£ 6 15 0	£ 7 6 3
No. PHO 4163 " " " " with air vessel and draw-off cock	...	...	...	...	...	£ 7 2 6	£ 7 6 3	£ 7 12 3	£ 8 2 9	£ 8 16 3
No. PHO 4164 Brass Lift and Force Pump on hardwood plank	...	...	...	...	...	£ 6 15 0	£ 7 2 6	£ 7 10 0	£ 8 12 6	£ 9 15 0
No. PHO 4165 Brass Lift and Force Pump on hardwood plank with air vessel and draw-off cock	...	...	...	...	...	£ 8 12 6	£ 9 1 6	£ 9 12 0	£ 11 1 3	£ 12 3 9
No. PHO 4166 1926 Pattern Brass Lift and Force Pump on hardwood plank	...	...	...	...	...	—	£ 5 8 9	£ 6 11 3	—	—
No. PHO 4167 Ditto. ditto. with air vessel and draw-off cock	...	...	...	...	...	—	£ 7 4 0	£ 8 11 0	—	—
Brass Pumps with unions for lead	...	...	...	...	extra per union	0 2 3	0 3 0	0 3 9	0 5 0	0 5 0

Brass unions for iron are not required on Brass Pumps, suction and delivery chambers are screwed female for iron.

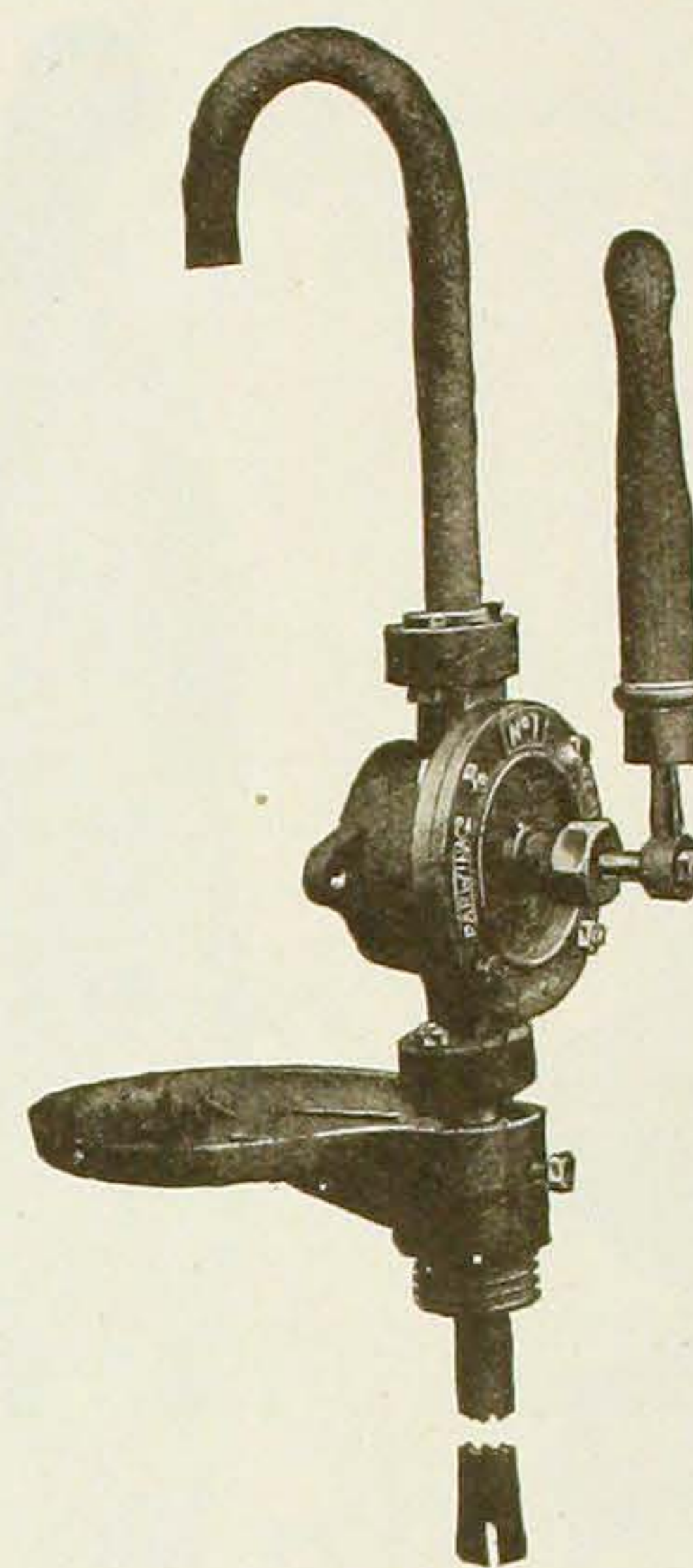


Nos. PHS 4088 and PHO 4089
*Stocked up to 4"

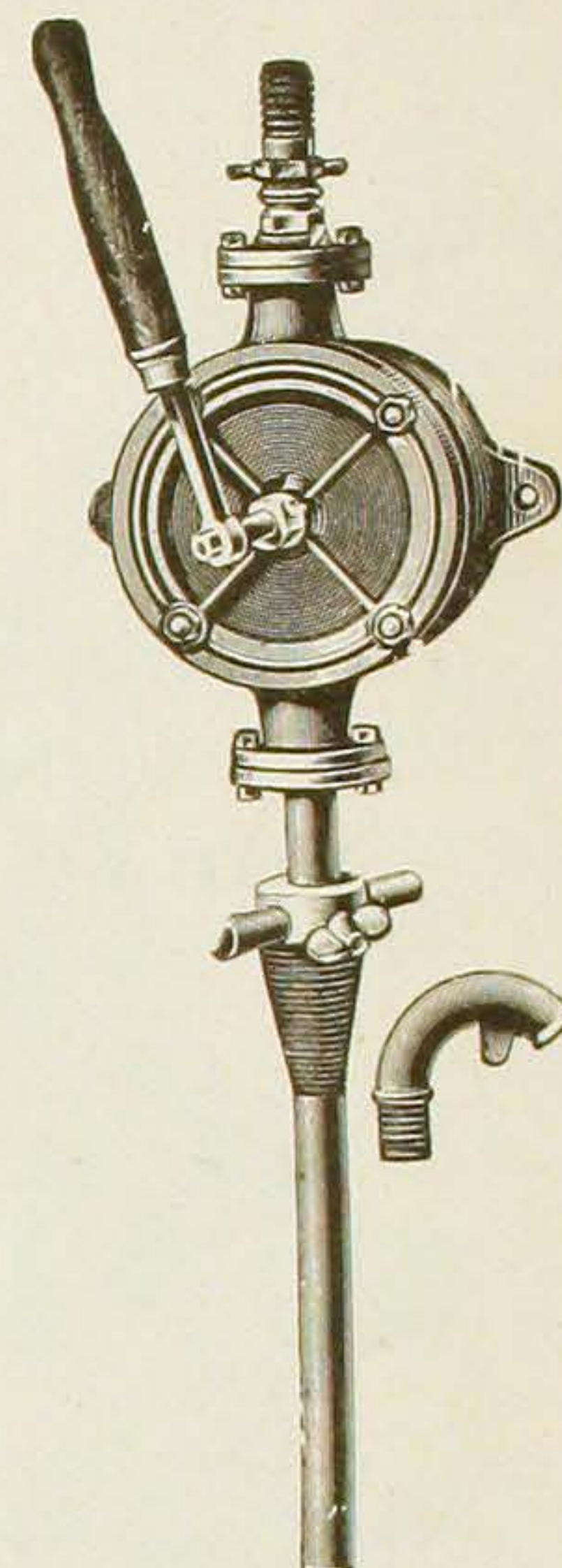
Nos. PHO 4142 and PHO 4143

Semi-Rotary Wing Pumps

BRITISH MADE.



No. PHO 4144

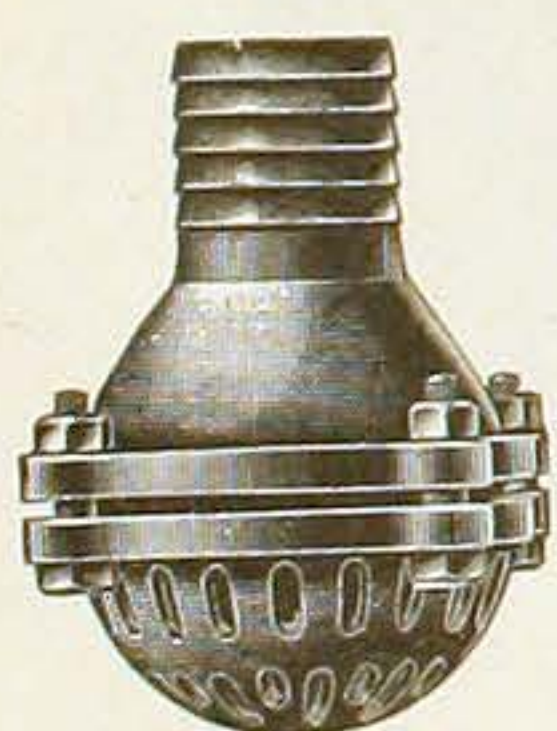


Nos. PHO 4145 and PHO 4146

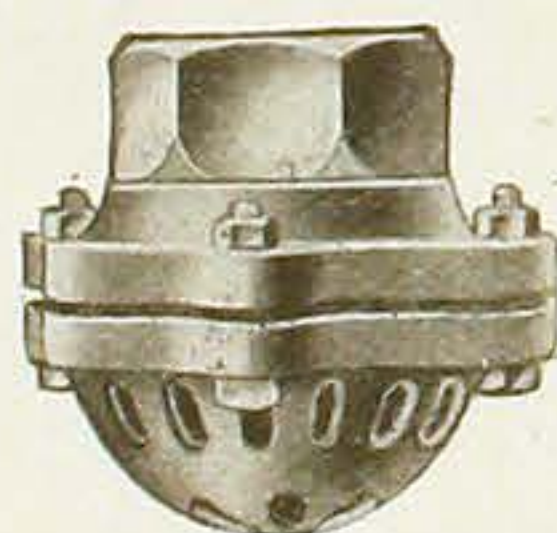
BRASS FITTED PUMPS. Have Cast Iron Body, Cover and Counterflanges, the Wings, Suction Box and Valves are Brass, the Spindle is Steel.
BRASS PUMPS. Have Brass Body, Cover, Wings, Suction Box and Valves, the Spindle is Steel, the Counterflanges Cast Iron.
Pumps with Brass Spindles, or with Gun-Metal Bodies Spindles, Wings and Valves, are special and are charged extra.
Unless the Suction Pipe is fitted with a Foot Valve, we cannot be responsible for the satisfactory working of these pumps.

		0	1	2	3	4	5	6	7	8	9	10
	Size Number	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"
	Diameter of Suction and Delivery	240	420	450	570	870	960	1,320	1,560	2,310	3,250	3,750
	Capacity per hour, Double-Acting	350	495	615	930	1,200	1,440	1,860	2,100	2,760	3,250	3,750
	Capacity per hour, Quadruple-Acting	21/-	23/6	28/-	34/-	42/-	46/9	56/-	72/4	93/4	128/4	177/4
No. PHS 4088	Double Acting, Brass fitted	43/9	49/-	63/-	81/6	97/3	121/9	146/3	178/6	259/-	310/8	421/-
No. PHO 4089	Brass	—	46/3	52/6	67/3	82/-	94/6	115/6	143/-	189/-	—	—
No. PHO 4140	Quadruple Acting, Brass fitted	—	89/3	113/2	143/-	178/6	214/3	262/-	330/3	468/9	—	—
No. PHO 4141	Brass	31/9	34/6	40/-	48/3	57/8	64/6	75/3	96/6	121/-	—	—
No. PHO 4142	Double Acting, Brass fitted, on Cast Iron Base	52/6	58/-	72/6	92/9	109/-	135/8	161/-	196/5	279/3	—	—
No. PHO 4143	Brass, on Cast Iron Base	—	—	—	—	—	—	—	—	—	—	—
No. PHO 4144	"Garage" Pump as No. PHO 4088 but with cast iron tray, 34" W.I. suction pipe and bent W.I. Delivery Pipe	42/9	45/-	—	—	—	—	—	—	—	—	—
No. PHO 4145	Double Acting, Brass fitted with 3' 0" Wrought Iron Suction Pipe and Cast Iron Taper Piece for Casks, Brass Delivery Connections for Hose and Cast Iron Hooked Spout.	36/3	40/6	47/6	57/3	66/8	75/-	—	—	—	—	—
No. PHO 4146	Double Acting, Brass, with 3' 0" Wrought Iron Suction Pipe and Cast Iron Taper Piece for Casks, Brass Delivery Connections for Hose, and Cast Iron Hooked Spout	57/-	64/-	80/-	101/9	118/-	146/2	—	—	—	—	—

Pump Fittings



No. PHO 4137



No. PHO 4147
Stocked up to 4"



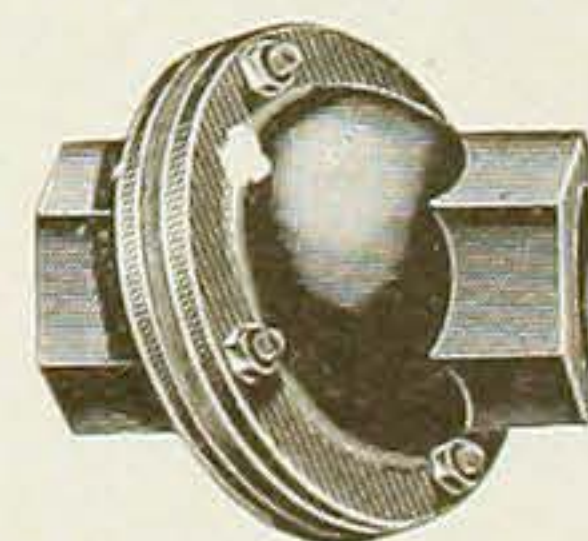
No. PHO 4148



No. PHO 4128



No. PHO 4150



No. PHO 4151



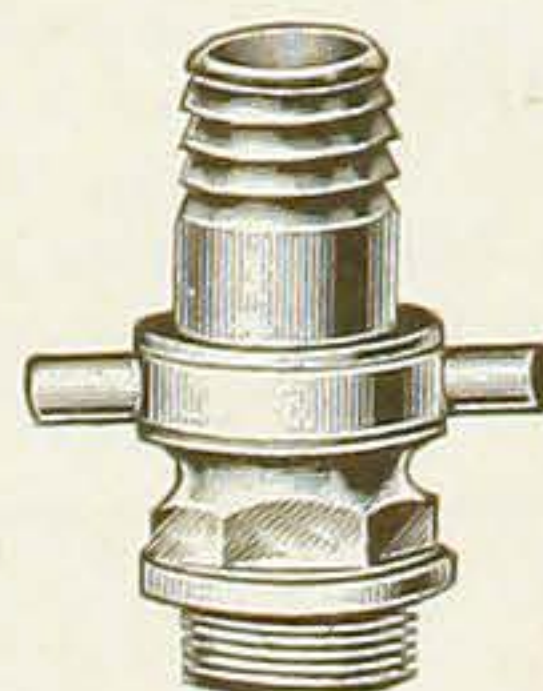
No. PHO 4153



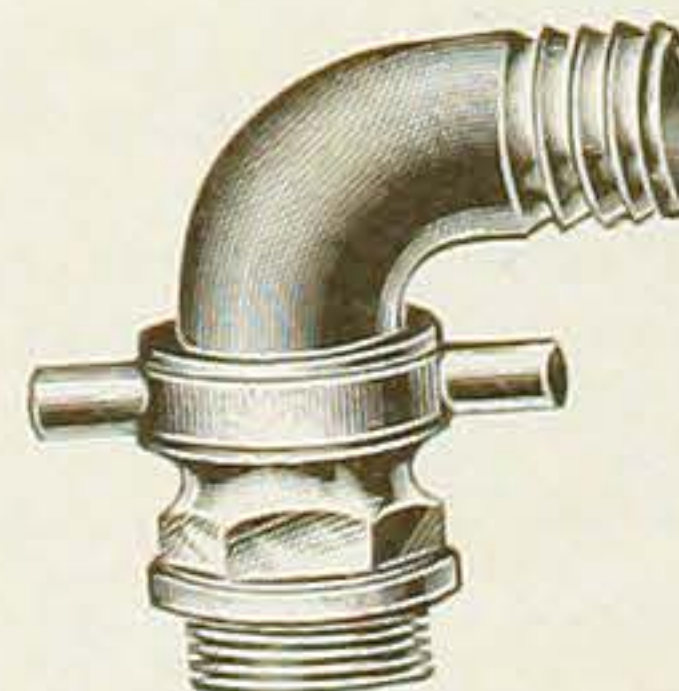
No. PHO 4152



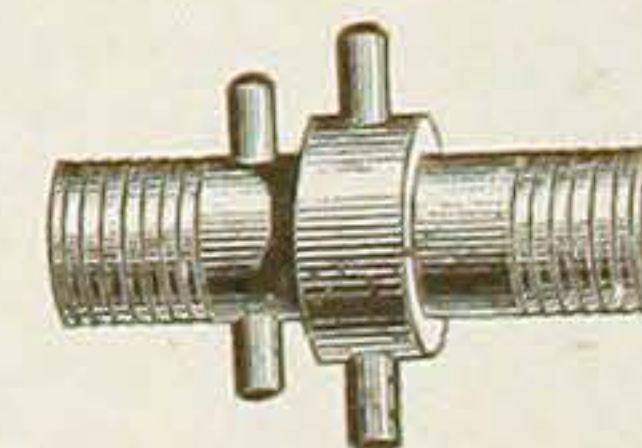
No. PHO 4155



No. PHO 4156



No. PHO 4158



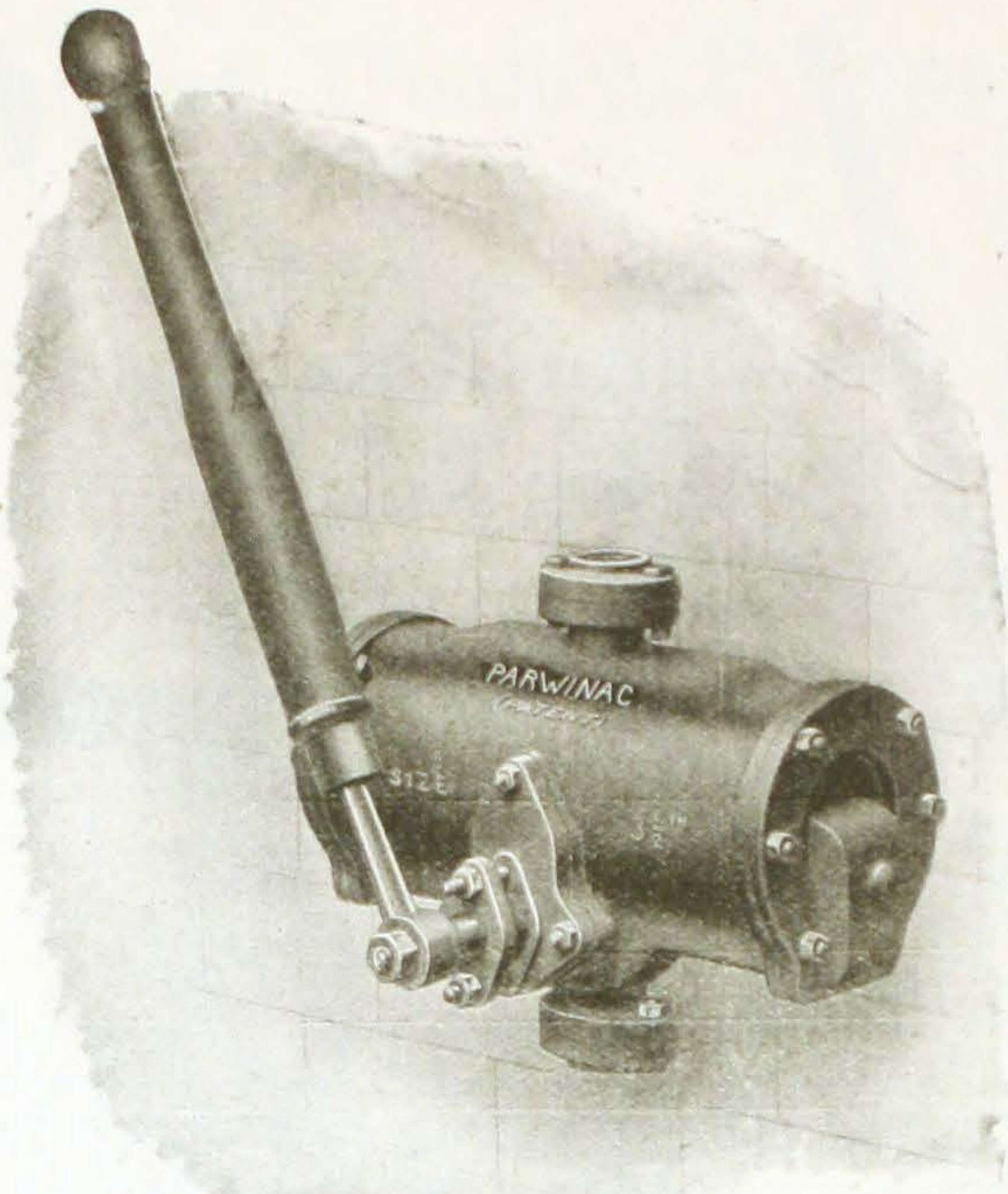
No. PHO 4154

		$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	2"	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"
	Internal diameter of Pipe suitable for	3/5	3/5	3/9	4/2	4/6	9/4	15/-	22/6	—	27/-
No. PHO 4137	Cast Iron Foot Valve and Strainer, ribbed for Hose	11/3	11/3	12/9	12/9	14/3	15/9	23/3	26/3	—	22/6
No. PHS 4147	" " " " and Sand Strainer for Tube	—	—	3/-	3/9	4/6	5/-	5/8	6/9	9/6	—
No. PHO 4148	Galvanized Wrought Iron Strainer for Hose	9/-	9/-	9/-	10/6	10/6	12/-	—	—	—	—
No. PHO 4150	Cast Iron Horizontal Retaining Valve for Tube	12/-	12/-	12/9	15/9	17/8	20/3	—	—	—	—
No. PHO 4151	Cast Iron Air Vessel with Dip Pipe	12/-	12/-	12/9	15/9	17/8	20/3	—	—	—	—
No. PHO 4152	with screwed outlet at side	—	—	—	5/3	6/-	9/-	19/6	24/-	—	31/6
No. PHO 4153	Strong Brass Double Union for Hose	—	—	—	4/6	5/3	7/6	—	—	—	—
No. PHO 4154	Brass Tail for lead for screwing into Pump Bases	1/6	2/8	3/9	5/8	6/9	9/-	—	—	—	—
No. PHO 4155	Straight Brass Union for Iron to Hose	2/3	4/-	5/3	7/6	9/-	14/3	—	—	—	—
No. PHO 4156	Bent Brass Union for Iron to Hose	—	—	7/6	9/9	11/3	13/6	—	—	—	—
No. PHO 4158	Brass Foot Valve and Strainer with guided Spindle Valve for Tube	—	—	—	—	—	—	—	—	—	—

PHS—Stocked up to size 4" ; PHO—To Order only.

"A" Basis except Nos. PH 4088, 4089, "B" Basis.
4140 and 4141, which are

SEMI-ROTARY
ACTION
WITH BUCKETS

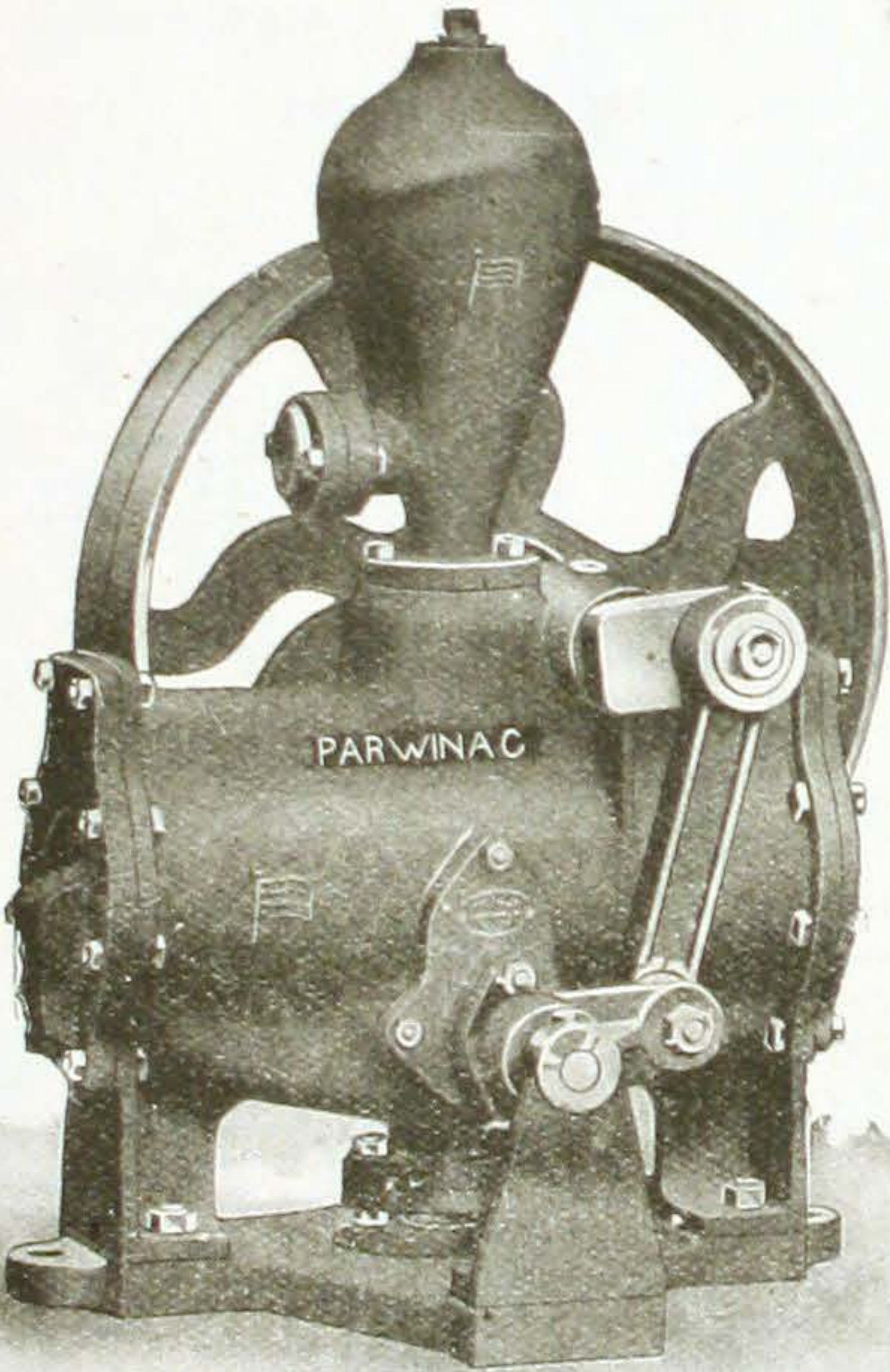


GREATEST
SUCTION LIFT

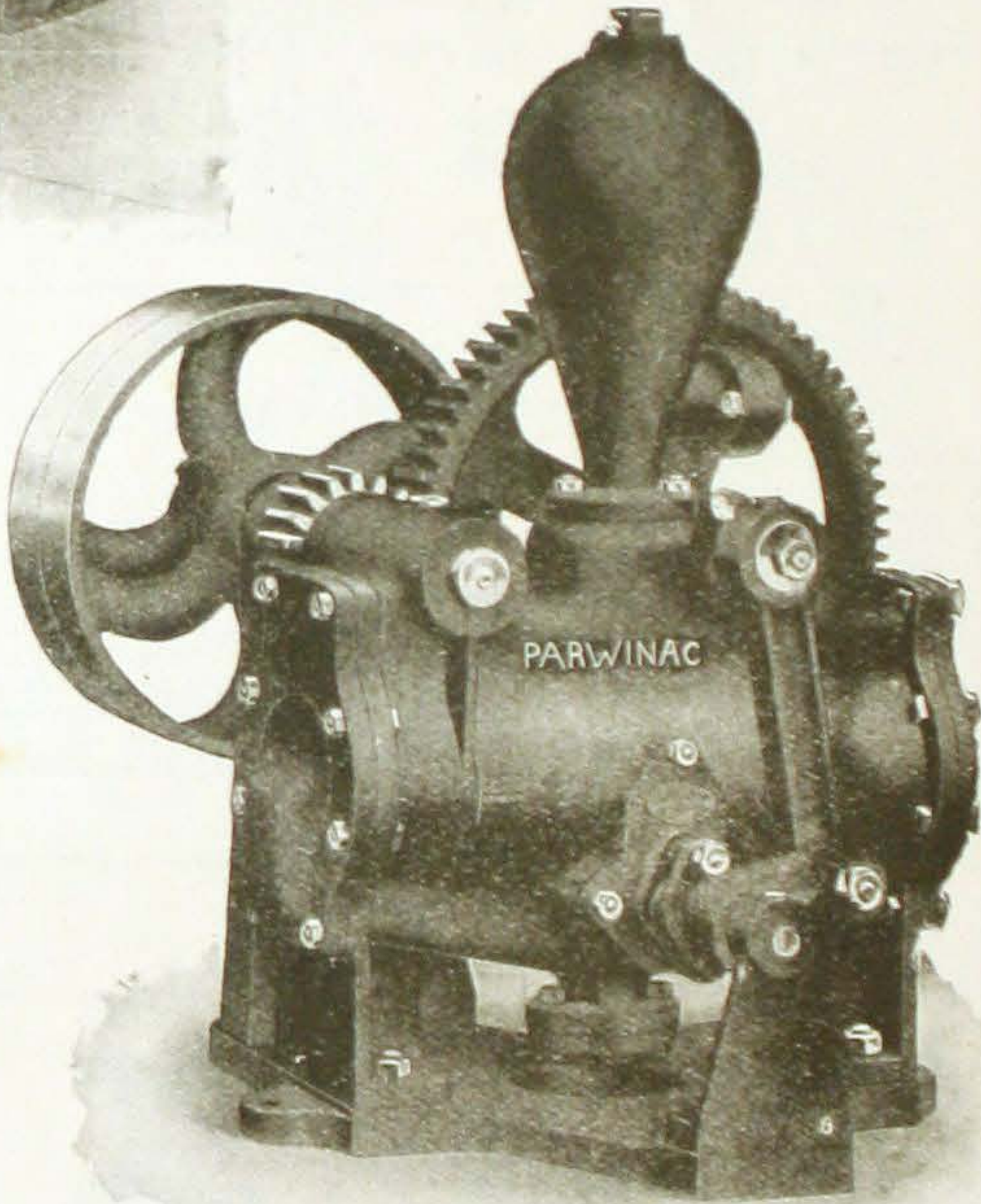
No. PHS 4130
Lever Motion.
For bolting to wall or plank.

Double-Acting
Lift and
Force Pumps

Suitable for
Total Heads
not exceeding
80 feet.



No. PHO 4131
Belt Driven—Ungeared.



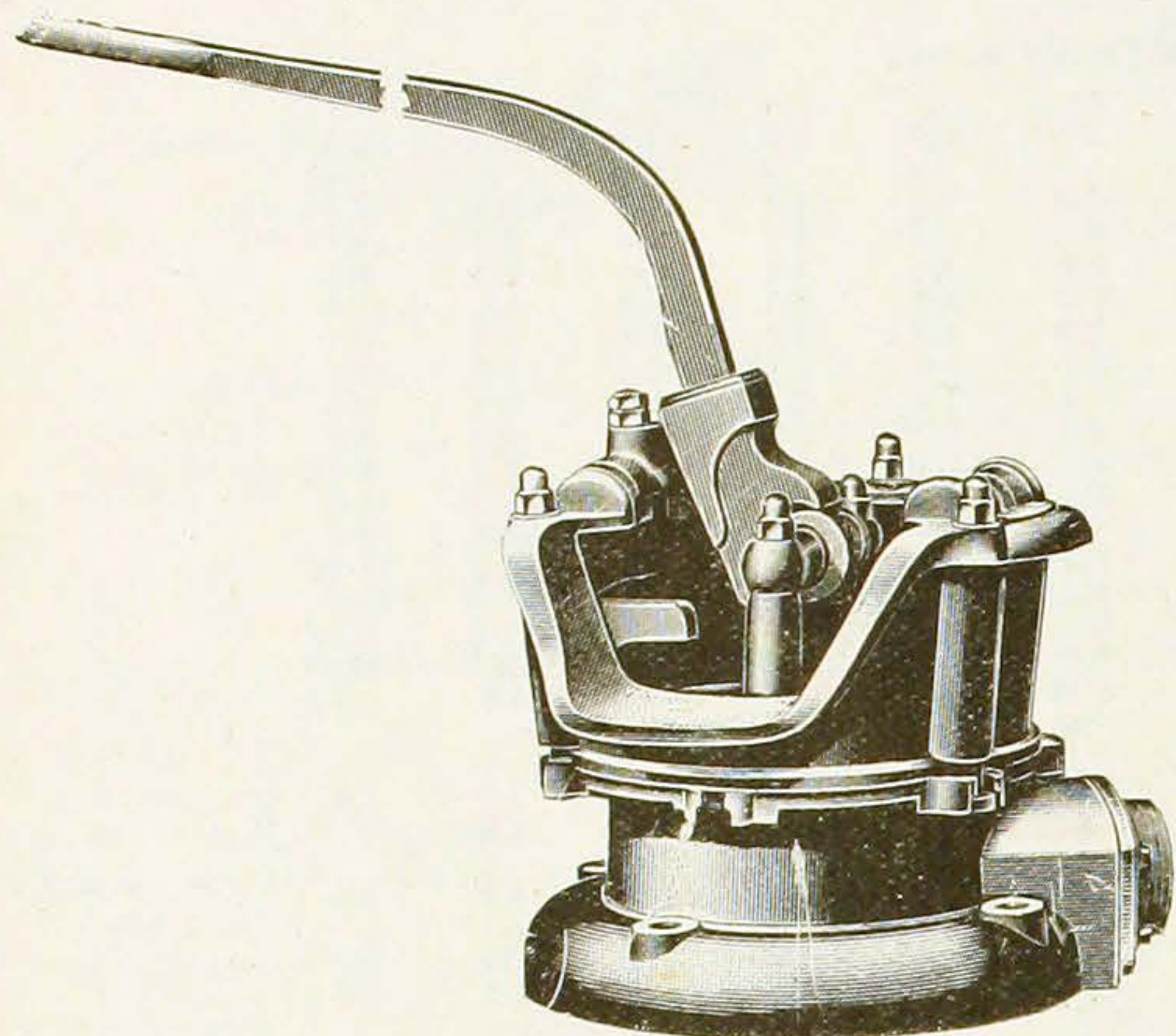
No. PHO 4132
Belt Driven—Geared.

The above illustrations shew a new type of Belt-driven Double Acting Force Pump. The improved construction ensures a specially good vacuum and the Pump is so designed that by taking off the covers the Buckets and Valves are automatically removed for examination and renewal without breaking pipe joints, or disturbing the Pump. This can be done by an inexperienced person. The Pumps are of Iron with Buckets with Hydraulic Leather Cups, and Brass Suction and Delivery Valves, working on faced seatings. The Belt-driven Pumps have a minimum of working parts but these are easily accessible and renewable. With a Foot Valve at the end of the Suction Pipe the Pumps are highly satisfactory on a Suction Lift of 25 feet.

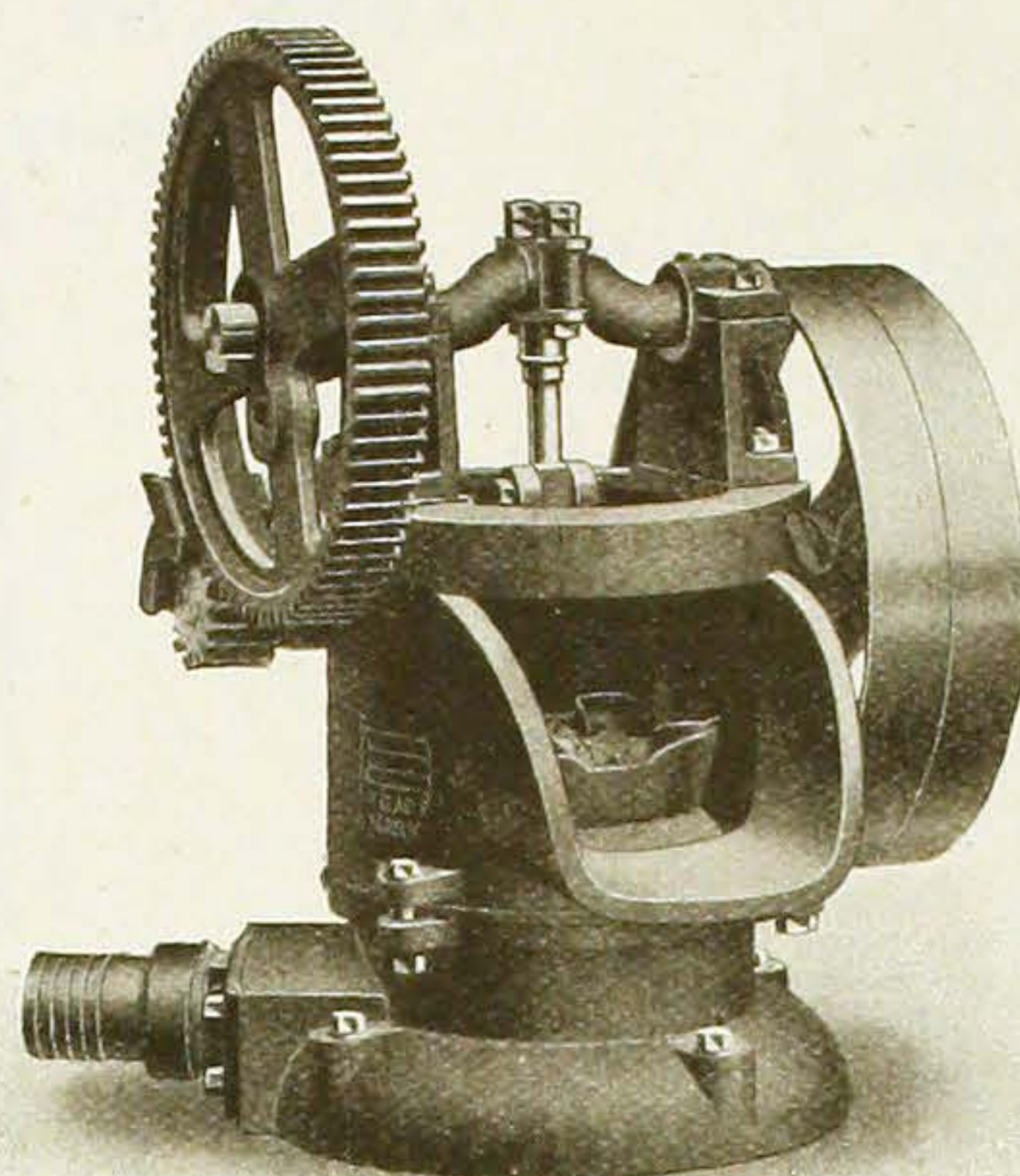
No. PHS 4130	Diameter of Buckets	...	...	...	...	...	...	2 1/2"	3"	3 1/2"	4 1/2"
	Counterflanges, Screwed	...	...	...	...	...	...	1"	1 1/4"	1 1/2"	1 3/4"
	Hand	...	...	...	...	...	...	40	40	40	40
						Double Strokes per min.		170	275	375	615
No. PHS 4130	Total Lift, one man	...	...	...	...	...	...	70'	50'	35'	21'
No. PHO 4131	and PHO 4132	Power	...	...	...	...	...	60	60	60	60
						Revs. per min.		255	410	560	920
						Gallons per hour					
No. PHS 4130	With Lugs	...	...	...	...	...	...	£ 3 11 3	£ 3 18 9	£ 5 8 9	£ 7 13 9
No. PHO 4131	With 18" dia. fast and loose pulleys and air chamber	...	...	...	...	...	...	10 17 6	11 5 0	12 0 0	15 15 0
No. PHO 4132	Machine Cut Gearing 4/1 ratio and 18" dia. pulleys and air chamber	...	...	...	...	...	...	15 0 0	15 7 6	16 17 6	20 12 6
	Extras : Cast Iron Delivery Air Vessel	...	...	...	...	...	...	0 12 9	0 15 9	0 15 9	0 17 8
	Cast Iron Foot Valve and Strainer	...	...	...	...	...	...	0 3 2	0 4 2	0 4 2	0 4 6
	Brass Iron to Hose Union	...	...	...	...	...	...	0 3 9	0 5 8	0 5 8	0 6 9

Diaphragm Pumps

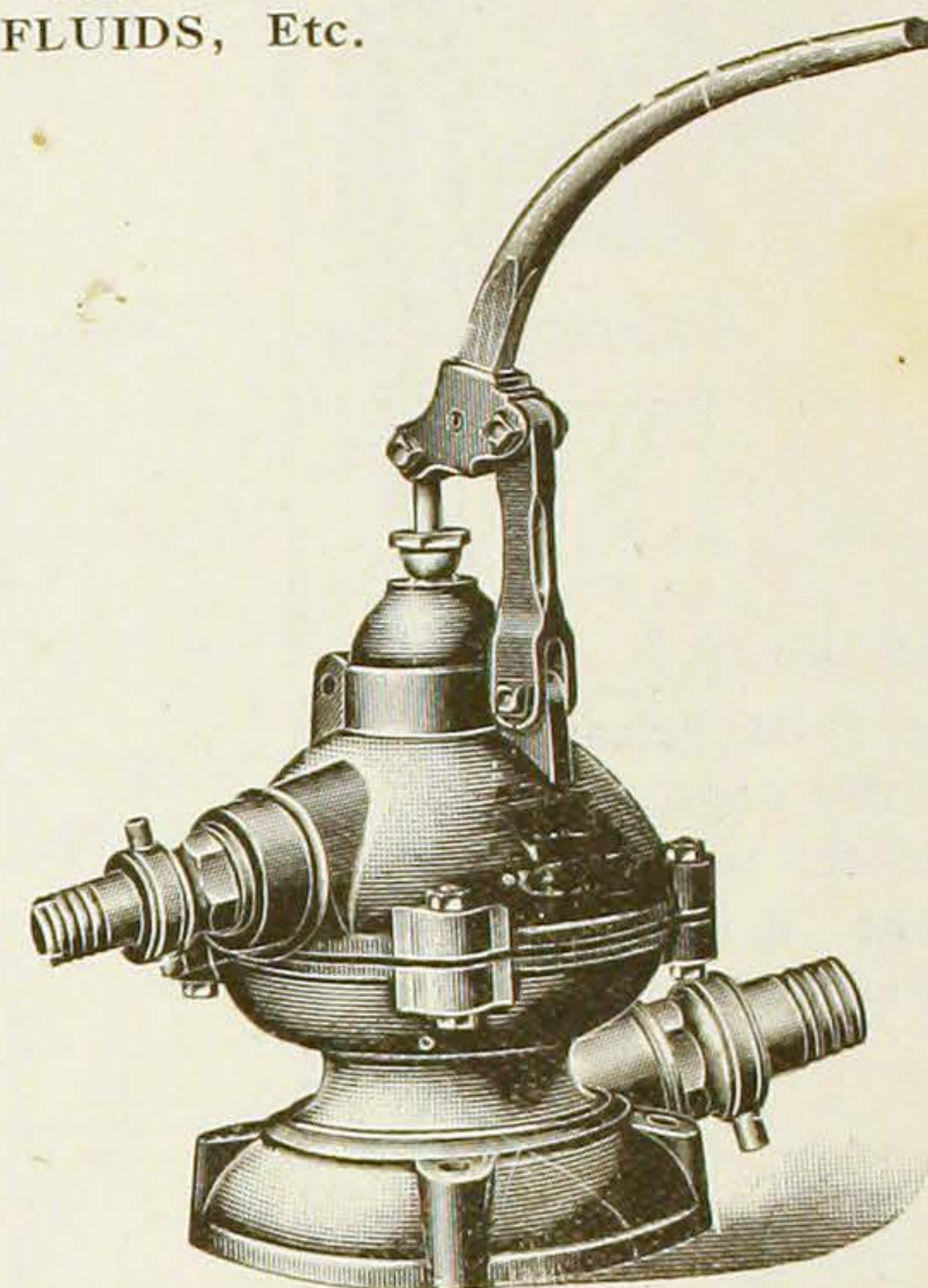
USED BY CORPORATIONS AND CONTRACTORS
FOR EXCAVATIONS, DIRTY FLUIDS, Etc.



No. PHS 4133
HAND LEVER LIFT PUMP.

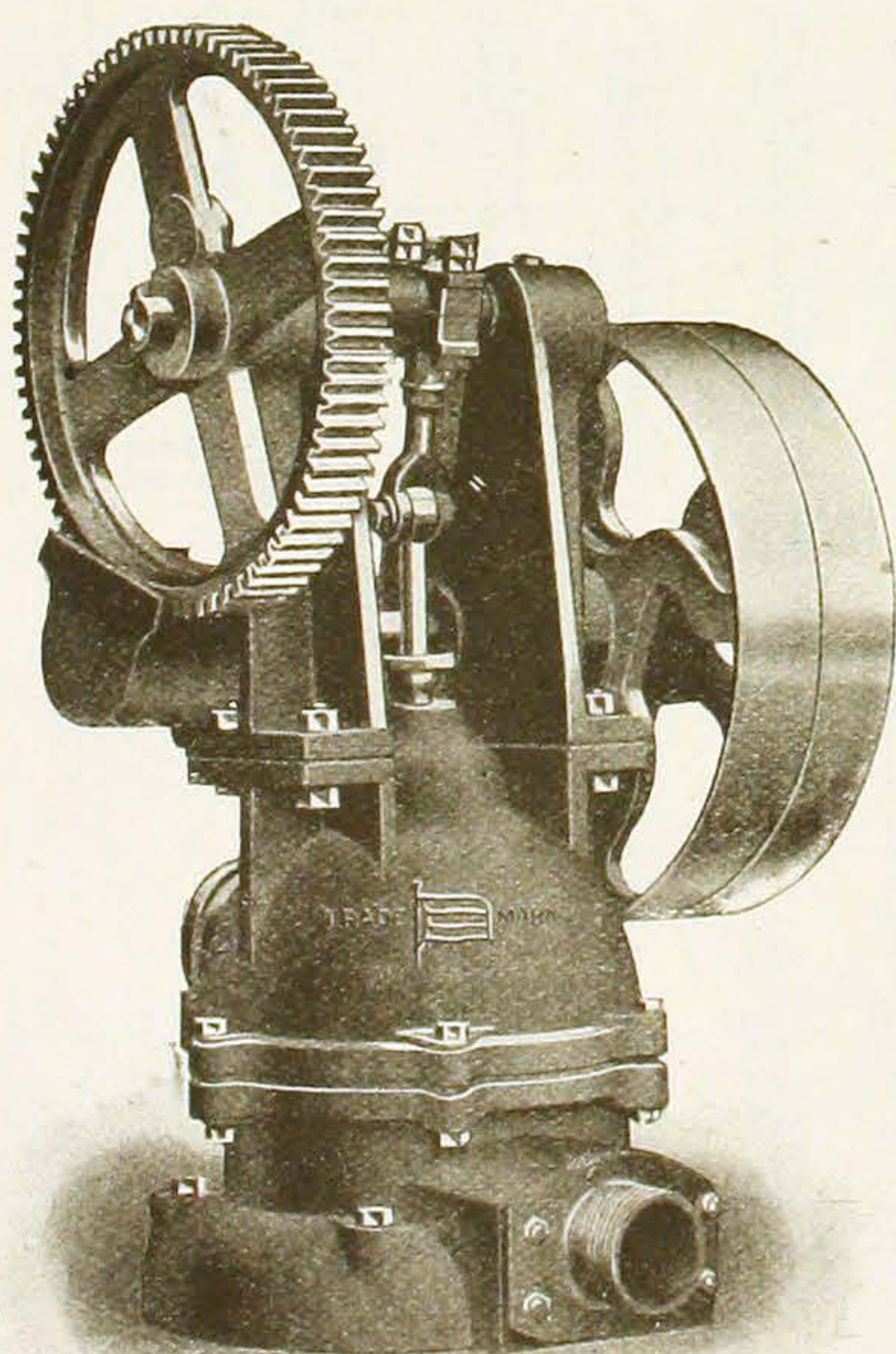


No. PHO 4134
POWER BELT LIFT PUMP.

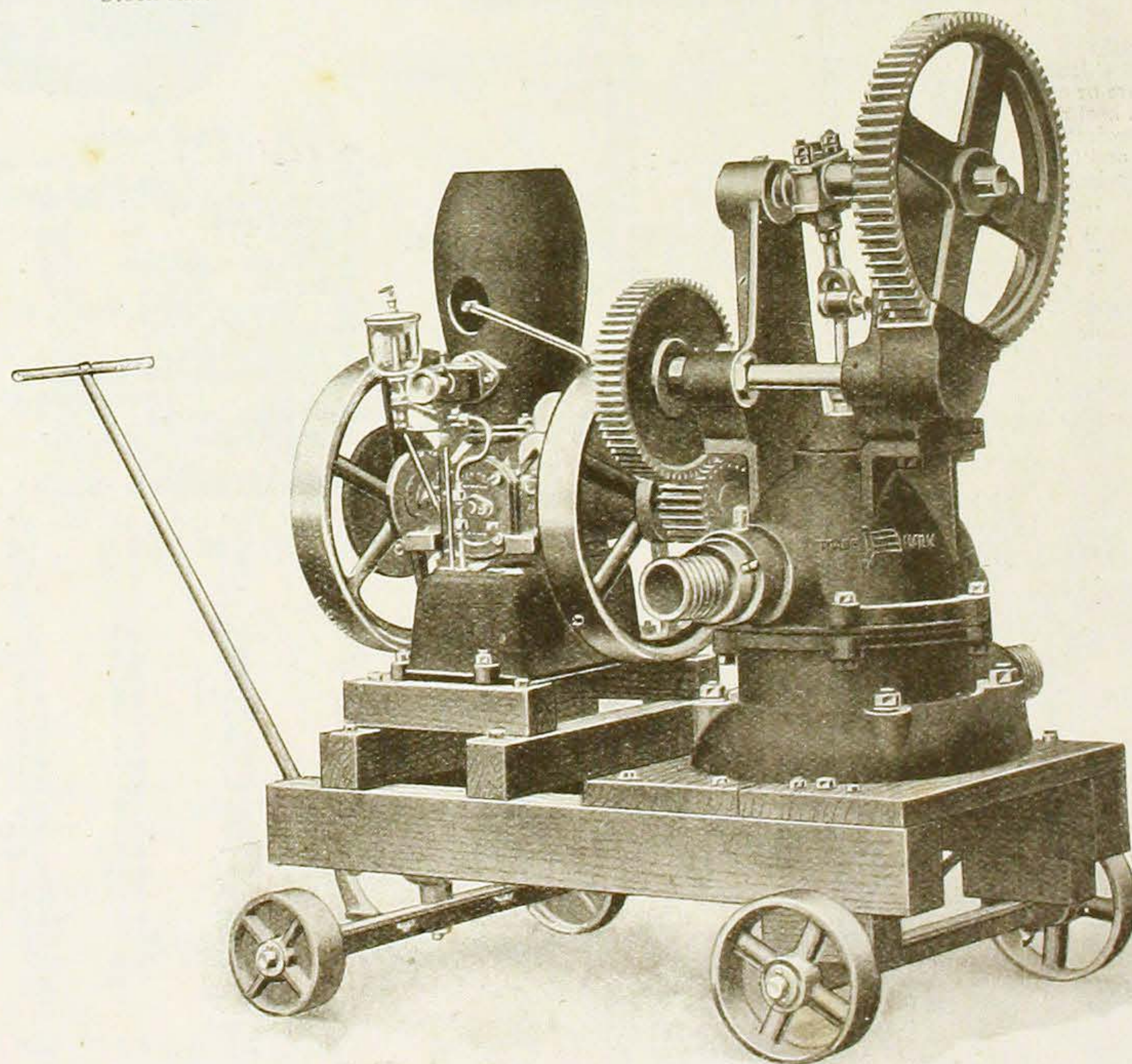


No. PHO 4135
HAND LEVER LIFT AND FORCE PUMP.

	No. 0	No. 2	No. 3	No. 4
Size Number	—	1,800	4,000	6,000
Capacity per hour, No. PHS 4133	833	1,100	2,500	3,750
" " " " No. PHO 4135	2"	2 1/2"	3"	4"
Diameter of Suction and Delivery Pipes, No. PHO 4134 and 4139	15"	15"	18"	18"
Diameter of Pulleys, No. PHO 4134	£ s. d.	£ s. d.	£ s. d.	£ s. d.
No. PHS 4133	6 1 2	*7 10 0	9 5 3	
No. PHO 4135	6 8 3	11 2 9		
No. PHO 4134	17 16 3	20 12 6	24 0 0	0
No. PHO 4139	0 12 9	0 15 9	0 19 6	6
	33 12 9	37 10 9	41 9 6	



No. PHS 4138
POWER BELT, LIFT AND FORCE PUMP.



No. PHO 4136
PORTABLE OIL-ENGINE-DRIVEN LIFT AND FORCE PUMP.

	No. 0	No. 2	No. 3	No. 4
Pump Number	—	1,100	2,500	3,750
Lift Pumps—capacity per hour	1,200	2 1/2"	3"	4"
Lift and Force Pumps—capacity per hour	15"	15"	18"	18"
Diameter of Suction and Delivery Pipes, No. PHO 4138	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Diameter of Pulleys, No. PHO 4138	15 15 0	19 10 0		
No. PHS 4138	0 18 9	1 13 9		
No. PHO 4136	30 18 9	39 3 9		

PHO—To Order only ; PHS—Stock Lines.

"A" Basis.

Rain-water Fittings

RAIN-WATER PIPES AND CONNECTIONS.

PAINTED.
SUPPLIED WITH OR WITHOUT EARS.

No. PHS 4295	2"	2½"	3"	3½"	4"	4½"	5"	6"
Pipes, in 6' 0" lengths	1/10	2/0	2/4	2/11	3/4	4/5	5/3	6/6 yard Nett.
" 2', 3', 4' length, extra	-3	-3	-3	-3	-3	-4	-4	-4
Heads, flat or angle, plain patterns	2/6	2/10	3/4	4/1	4/6	5/4	6/1	10/1 each.
Shoes, Common	1/6	1/9	2/-	2/8	3/-	4/4	5/5	7/6
Elbows (Square or Obtuse)	1/9	2/-	2/6	3/-	3/7	5/-	6/6	8/5
" with Soot Doors	-	-	5/2	5/7	6/3	7/9	9/4	11/8
Branch Pieces, Single, with Sockets	2/7	3/1	3/9	4/4	5/3	7/6	8/5	13/1
" Double, " "	3/9	4/8	5/7	6/6	7/11	11/3	12/7	19/7
Union Sockets	-11	1/1	1/5	1/9	2/-	2/6	3/2	3/9
Swan Necks, 3" projection	1/11	2/-	2/6	3/1	3/9	4/8	6/1	8/5
" 6" "	2/2	2/8	3/-	3/5	4/4	6/3	7/6	9/10
" 9" "	2/10	3/2	3/9	4/8	5/7	7/6	8/10	11/2
" 12" "	3/5	3/11	4/6	5/7	6/6	8/5	10/3	13/6
" 15" "	4/3	4/8	5/3	6/6	7/11	9/9	12/2	15/10
" 18" "	4/8	5/3	6/3	7/6	8/10	11/3	14/-	17/9
" 21" "	5/7	6/1	7/-	8/5	10/3	14/11	17/9	21/6
" 24" "	6/6	7/6	8/1	9/10	12/2	16/10	19/7	23/10
Plinth Bends, 2½"	2/-	2/2	2/10	3/5	4/-	5/2	6/6	8/10
Ornamental Loose Ears, common pattern, (or in one piece to fit round pipe under faucet, not exceeding 2" projection)	2/-	2/2	2/4	2/8	2/10	3/1	3/5	3/9
Ditto, in one piece, not exceeding 3" projection	2/3	2/5	2/7	2/11	3/1	3/4	3/8	4/-
Ornamental Projecting Ear in two pieces, fixed with Brass pins or iron bolts and nuts	3/9	3/9	3/10	3/11	4/1	4/3	4/6	4/9
Holderbat in two pieces fixed with brass pins or iron bolts and nuts, not exceeding 2" projection	3/1	3/1	3/3	3/4	3/5	3/8	3/10	4/1
Ditto, over 2" and under 3" projection	3/5	3/5	3/7	3/8	3/9	3/11	4/2	4/5
Rose Gratings	1/1	1/3	1/7	1/11	1/11	-	-	-
Pipe Nails, with ornamental Heads	-3	-3	-3	-3	-3	-3	-4	-4
Branches, curved arm, 4"	6/3	7/2	8/1	9/-	9/10	10/9	10/9	10/9

IMPORTANT.—
The Nett Prices
on this page are
subject to fre-
quent market
fluctuations.

"C"
Basis.

SANITARY CONNECTIONS No. PHS 4300 ($\frac{3}{16}$ or L.C.C. Pipes) to take Earthenware Pipe.

"C" Basis.	For Pipe 6"	9"	12"	15"	18"	21"	24"	27"	30"	33"	36"
	10/5	11/3	12/1	13/-	13/10	14/8	15/6	17/3	19/-	20/9	22/5 each.
	11/3	12/2	13/1	14/-	14/11	15/10	16/9	18/8	20/6	22/5	24/3 each.

"LARGE SOCKET" RAIN-WATER or VENTILATING PIPE AND CONNECTIONS.

Diameter	4"
In 6' 0" lengths	3/10 per yard.
In 2', 3' and 4' lengths	-4 ex. per yd.
Bends, square or obtuse	4/4 each.
Bends, with heel rest	5/7
Offsets, 3" projection	4/4
" 4½" and 6" projection	5/2
" 9" projection	6/6
" 12" "	7/6
" 15" "	9/2
" 18" "	10/3
" 21" "	11/3
" 24" "	14/-
Branches, single	6/6
Branches, double	9/-
Union Sockets	2/6
Shoes	4/1
Roof Syphon	10/3
Screwed Brass Cleaning Plug or Bend, Branch or Spigot	5/2

Subject
"C"
Basis.



HALF-ROUND GUTTERS AND CONNECTIONS.

PAINTED. No. PHS 4298
*Only Starred Items stocked.

No. 1 Plain Pattern.	3"	3½"	4"	4½"	5"	6"
*In 6 foot lengths	1/3½	1/4	1/5½	1/7	1/9	2/5½ per yard.
*In 2, 3 or 4 foot lengths	-1½	-1½	-1½	-1½	-2½	-2½ per yard ex.
*Angles, square and obtuse 135°	1/5	1/7	1/9	2/-	2/2	3/1 each.
*Nozzle Pieces	1/5	1/7	1/9	2/-	2/2	3/1
*T Pieces	1/5	1/7	1/9	2/-	2/2	3/1
*End Pieces with Drop	-11	1/1	1/3	1/5	1/7	2/2
*Union Clips	-8	-8	-8	-9	-11	1/3
*Stop End and Drops, loose or cast on	-5	-5	-5	-6	-8	-10
*Facia Brackets, Cast	-5	-5	-5	-6	-8	-10
*Hooks, Malleable	-8	-8	-9	-9	-10	1/-
*Driving Brackets, Malleable	1/2	1/2	1/2	1/4	1/6	1/8
with Under Support	1/8	1/8	1/8	1/10	2/-	2/2
Beaded Pattern—Extra over plain	-1½	-1½	-1½	-1½	-3	-3 per yard.
Angles, Nozzles, T Pieces, extra over plain	-	-	-2	-2	-4	-4 each. "C" Basis.

Subject
"C"
Basis.

No. PHS 4297 SOIL PIPES AND CONNECTIONS L.C.C. AND $\frac{3}{16}$ " METAL.

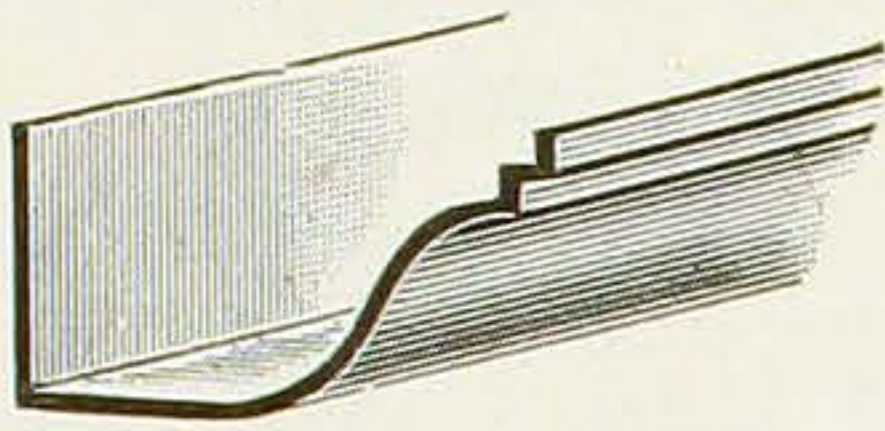
Diameter	2"	2½"	3"	3½"	4"	4½"	5"	6"
In 6' 0" lengths, L.C.C. metal	2/9½	3/3½	3/6	3/9½	4/3	4/6	6/11	8/7½ per yard Nett.
*In 6' 0" lengths, $\frac{3}{16}$ " metal	2/7	2/9½	3/4	3/6½	3/10½	5/10	6/9½	8/5½ extra yard "
*In 2', 3' and 4' lengths	-3	-3	-3	-3	-3	-4½	-4½	-4½ per socket.
Angle Ears, cast on	-7	-7	-7	-7	-7	-9	-9	-9
Single Spigot Branch, cast on pipe	2/6	2/8	3/-	3/5	3/11	5/9	6/9	8/9
*Single Socket Branch, cast on pipe	4/4	5/3	5/11	6/9	7/9	9/9	12/6	17/5
*Bends, standard angles	3/1	3/5	3/9	4/8	5/3	6/6	7/6	10/3
Bends, with heel rest	3/11	4/4	4/8	5/7	6/6	8/1	9/4	13/1
Inspection Bends, oval access door and 2 g.m. screws	10/1	10/5	10/9	12/2	12/9	14/11	15/11	18/8
Heads	3/5	4/2	4/8	6/6	8/5	-	-	-
Shoes	2/2	2/6	2/10	3/9	4/4	5/3	7/6	9/6
Anti-Splash Shoes	4/4	5/-	5/7	7/6	9/4	-	-	-
*Swannecks, 3" projection	2/10	3/5	4/2	5/-	5/11	6/10	8/9	13/1
" 4½" and 6" projection	3/9	4/4	5/11	6/10	7/11	9/4	12/2	16/4
" 9" projection	5/-	5/7	6/10	7/11	9/4	10/3	14/-	18/3
" 12" "	5/11	6/10	7/11	9/8	10/7	12/2	15/5	21/8
" 15" "	7/6	7/11	8/11	10/3	12/2	14/-	16/9	24/3
" 18" "	8/11	9/4	10/3	12/2	14/-	15/10	18/8	26/2
" 21" "	10/3	10/9	12/2	14/-	15/10	17/9	21/5	28/-
" 24" "	12/2	12/8	14/-	15/10	17/9	20/6	24/3	29/10
Loose Sockets	1/9	1/10	2/2	2/8	3/1	3/7	4/4	5/-
Single Branch Pieces, two sockets	-	-	-	-	-	-	-	-
T Pieces	-	-	-	-	-	-	-	-
" diminishing, two sockets	3/9	4/8	5/7	6/6	7/6	9/4	12/8	17/5
" inverted, two sockets	-	-	-	-	-	-	-	-
Parallel Branch Pieces, not exceeding 6" centres	-	-	-	-	-	-	-	-
Y Pieces	4/10	5/11	6/10	7/11	8/11	-	-	-
Anti-Syphon Branches with curved arm	-	-	-	-	-	-	-	-
Double Branch Pieces, three sockets	5/11	7/-	7/11	9/-	10/3	13/1	16/6	21/9
Inspection Branch Pieces, single, oval access door, 2 g.m. screws	10/9	11/8	12/7	14/-	15/-	17/9	21/1	25/10
Inspection Branch Pieces, double, oval access door, 2 g.m. screws	12/11	14/-	14/11	16/6	17/9	21/6	24/11	30/2
Handhole Pipes, oval door, 2 g.m. screws	10/3	10/9	11/8	13/1	14/-	15/10	17/9	21/5
Roof Syphons	6/6	8/1	8/9	9/10	10/7	12/2	-	-
Syphon Traps	7/11	8/11	9/10	10/9	12/2	15/10	17/9	21/5
Diminishing Pieces, large end	2/11	3/1	3/7	4/4	5/2	6/6	7/6	10/3
Ornamental Loose Ears, Common Pattern	2/-	2/2	2/4	2/8	2/10	3/1	3/5	3/9
Holderbat in 2 Pieces, fixed with brass bolts and nuts, not exceeding 2" projection	3/5	3/5	3/7	3/8	3/9	4/1	4/3	4/5
" over 2" and under 3" projection	3/9	3/9	3/11	4/1	4/2	4/4	4/7	4/10
Bonnet Tops or Cows, without socket	3/3	3/3	3/9	4/3	4/8	5/7	6/6	8/11
Hunter's Cows	4/4	4/8	5/3	5/11	6/6	-	-	-

*Starred
items
stocked in
4" diameter
only.

Nett Items "F" Basis ; Connections "C" Basis, as indicated.

PHS—Stock Lines ; PHO—To Order only.

Gutters and Connections



No. PHS 4066/2
NOTTINGHAM GUTTER.

4" x 2 1/2"	...	2/1	per yard.
4 1/2" x 3"	...	2/6	"
5" x 3"	...	2/8	"
6" x 3 1/2"	...	3/6	"

Angles or Nozzles	...	As 1 yard of Gutter each.
Stop Ends	...	As 1/3 yard of Gutter each.
Union Clips	...	As 1/3 yard of Gutter each.

No. PHS 4103 *Only Starred Items stocked.
O.G. GUTTERS AND CONNECTIONS.

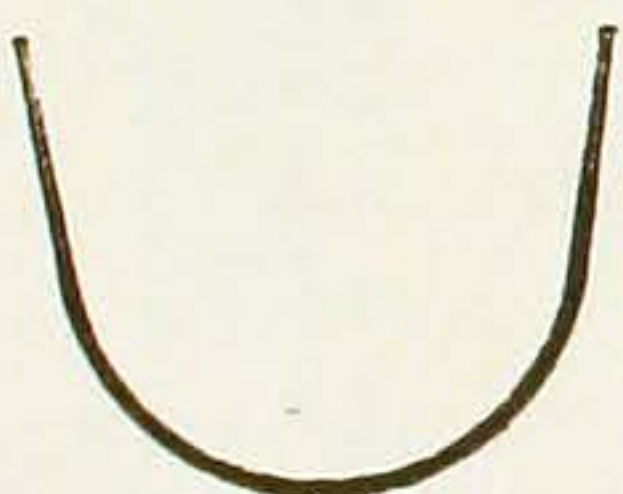
Width	3"	3 1/2"	4"	4 1/2"	5"	6"	
*In 6' lengths	1/9	1/9	1/11	2/-	2/4	2/11	per yard.
*In 2', 3' and 4' lengths	-2	-2	-2	-2	-3	-3	yard extra.
*Angles, square and obtuse 135°	1/11	1/11	2/-	2/4	2/8	3/3	each.
*Nozzle Pieces	1/11	1/11	2/-	2/4	2/8	3/3	"
End Pieces, with drop	1/5	1/5	1/7	1/9	1/11	2/6	"
*Union Clips	-11	-11	-11	1/3	1/3	1/7	"
*Stop Ends and Drops, Loose or Cast on	-5	-5	-5	-6	-8	-9	"
Facia Bracket, cast	-6	-6	-6	-8	-10	1/1	"
Return Stop Ends	-11	-11	1/1	1/3	1/5	1/9	"
Lion Heads, loose or cast-on	-8	-8	-8	-8	-8	-8	"
Hanging Hooks, malleable	-10	-10	-11	-11	1/1	1/3	"

DEEP H.R.D. GUTTERS AND MOULDED GUTTERS.

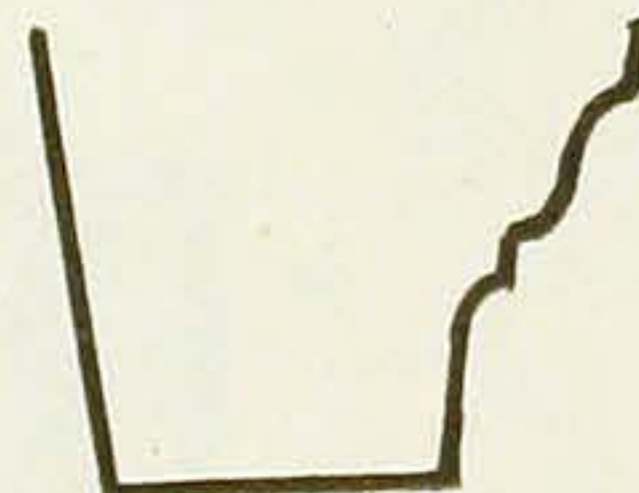
Plain and Beaded.

Faucet Position Abbreviations:

I.O.—Inside and Outside.
O.—Outside.
I.—Inside.
I.L.—Inside Left.
I.L.R.—Inside, Left & Right.
O.L.—Outside Left.

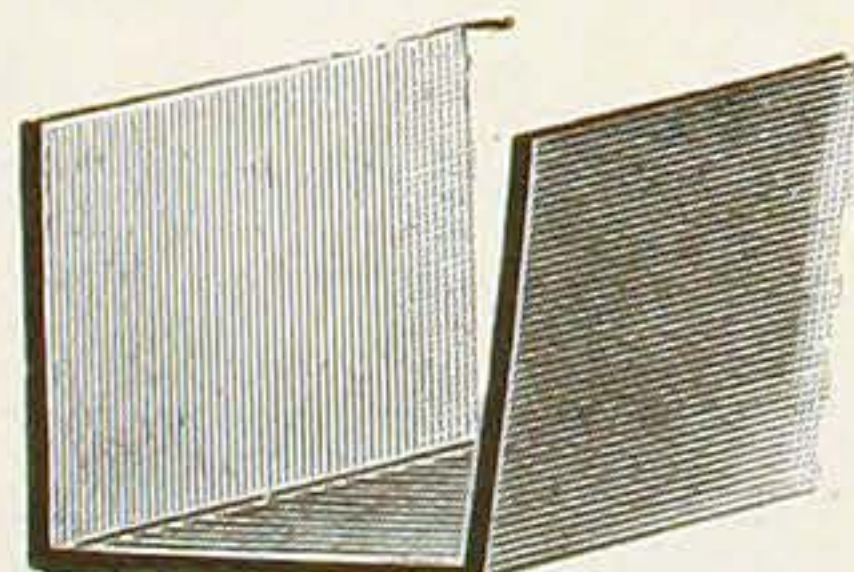


No. PHO 4104



No. PHO 4299

Wide.	Deep.	Thick- ness.	Faucet.	Price per yard.	Wide.	Deep.	Thick- ness.	Sole Plate.	Faucet.	Price yard.
3 1/2"	2 1/2"	Ord.	I.O.	2/1	3 1/2"	2 1/2"	Ord.	2 1/4"	I.L.R.	2/6
3 1/2"	2 1/2"	1/4	I.O.	2/10	4"	3"	"	2 1/4"	I.L.	2/8
3 1/2"	3 1/2"	Ord.	I.O.	2/7 1/2	4"	4"	"	2 1/2"	I.L.R.	2/10
3 1/2"	3 1/2"	1/4	O.	3/11	4 1/2"	3 1/2"	"	2 3/4"	I.L.R.	2/10
4"	3"	Ord.	O.	2/9	5"	4"	"	2 3/4" & 3 1/4"	I.L.R.	3/2
4"	3"	3/16"	O.	3/2	5"	4"	3/16"	2 7/8"	I.L.	4/5
4 1/2"	2 3/4"	Ord.	O.	2/9	5 1/2"	4"	Ord.	3 1/16"	O.L.	3/9
4 1/2"	3"	3/16"	O.	3/4	7"	4"	"	4 1/4"	I.L.R.	6/4
5"	3"	Ord.	I.	3/3 1/2	7"	6"	"	3 3/4"	I.L.	7/-
5"	3 1/2"	"	O.	3/6	8"	6"	"	5"	I.L.	7/8
5"	4"	"	I.O.	3/6						
5 1/2"	3 1/2"	1/4"	O.	4/5						
6"	3 1/2"	1/4"	O.	5/-						
6"	4"	3/16"	O.	4/2						



BOX GUTTERS AND CONNECTIONS.

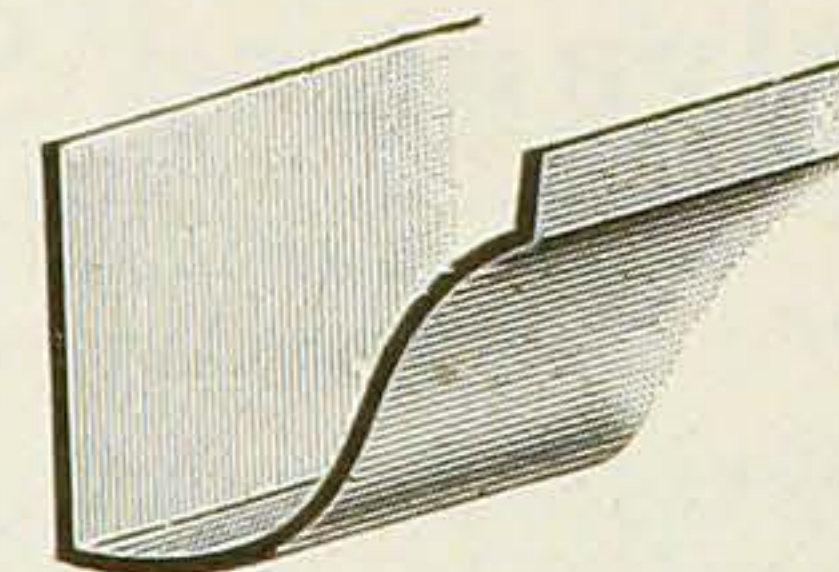
No. PHS 4066R

Extra strong, with Inside or Flush Sockets,
Painted.

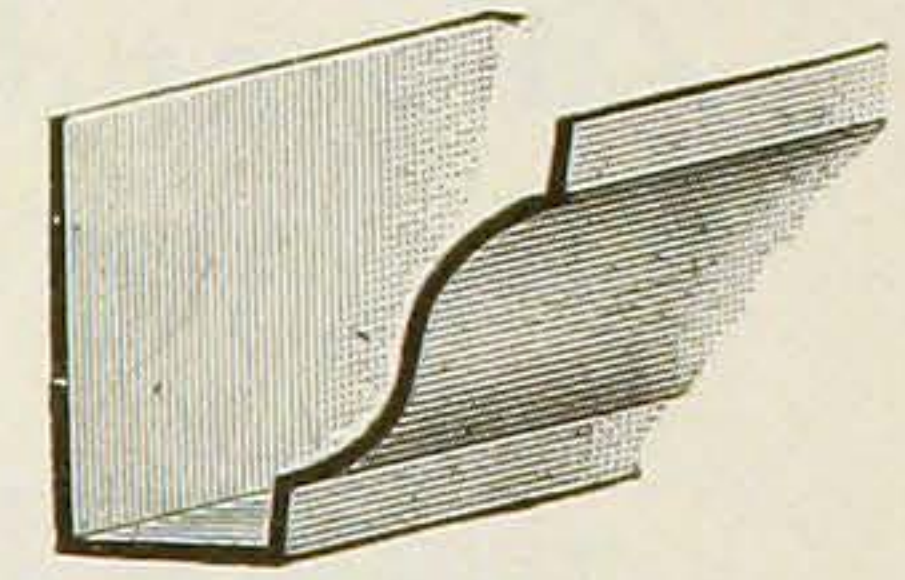
Size.	Price.	Size.	Price.
*4" x 3" x 3 1/4"	3/5 yard.	6" x 2" x 6"	4/7 yard.
*4" x 4" x 3 3/8"	4/1 "	6" x 3" x 5 3/8"	4/7 "
4" x 5" x 3 1/4"	4/7 "	6" x 4" x 5 1/2"	5/2 "
4 1/2" x 2 1/2" x 4 1/4"	3/5 "	6" x 4 1/2" x 5 1/4"	5/3 "
4 1/2" x 3" x 4 1/4"	3/6 "	6" x 5" x 5 3/8"	5/10 "
4 1/2" x 4" x 4 3/8"	4/3 "	6" x 6" x 5 1/4"	6/11 "
5" x 3" x 4 3/8"	4/3 "	7" x 5" x 6 3/8"	7/2 "
*5" x 4" x 4 1/2"	4/5 "	7" x 6" x 6 1/2"	7/7 "
5" x 5" x 4 3/8"	5/10 "		
5 1/2" x 6" x 4 1/4"	6/11 "		

*Stocked only in these sizes.

MOULDED O.G. GUTTERS AND CONNECTIONS.

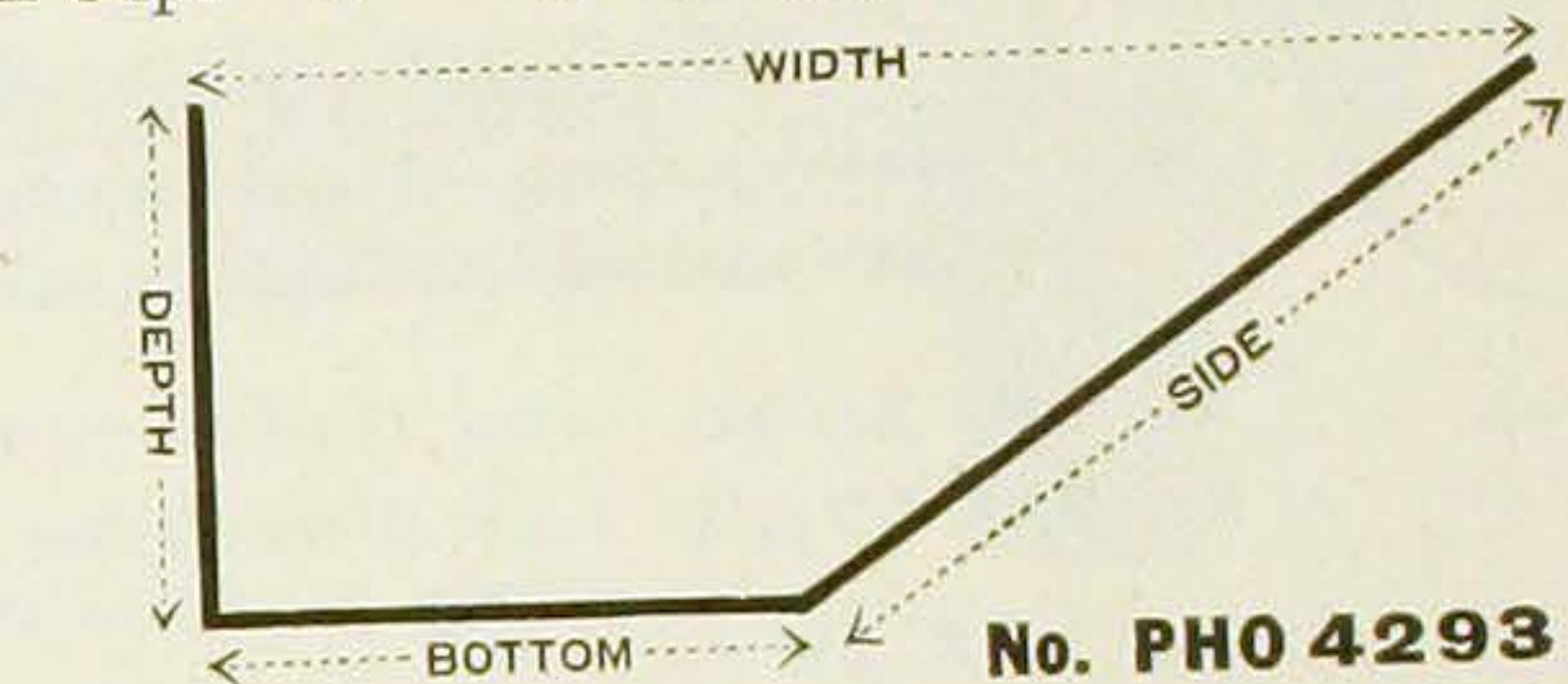


No. PHS 4066/4

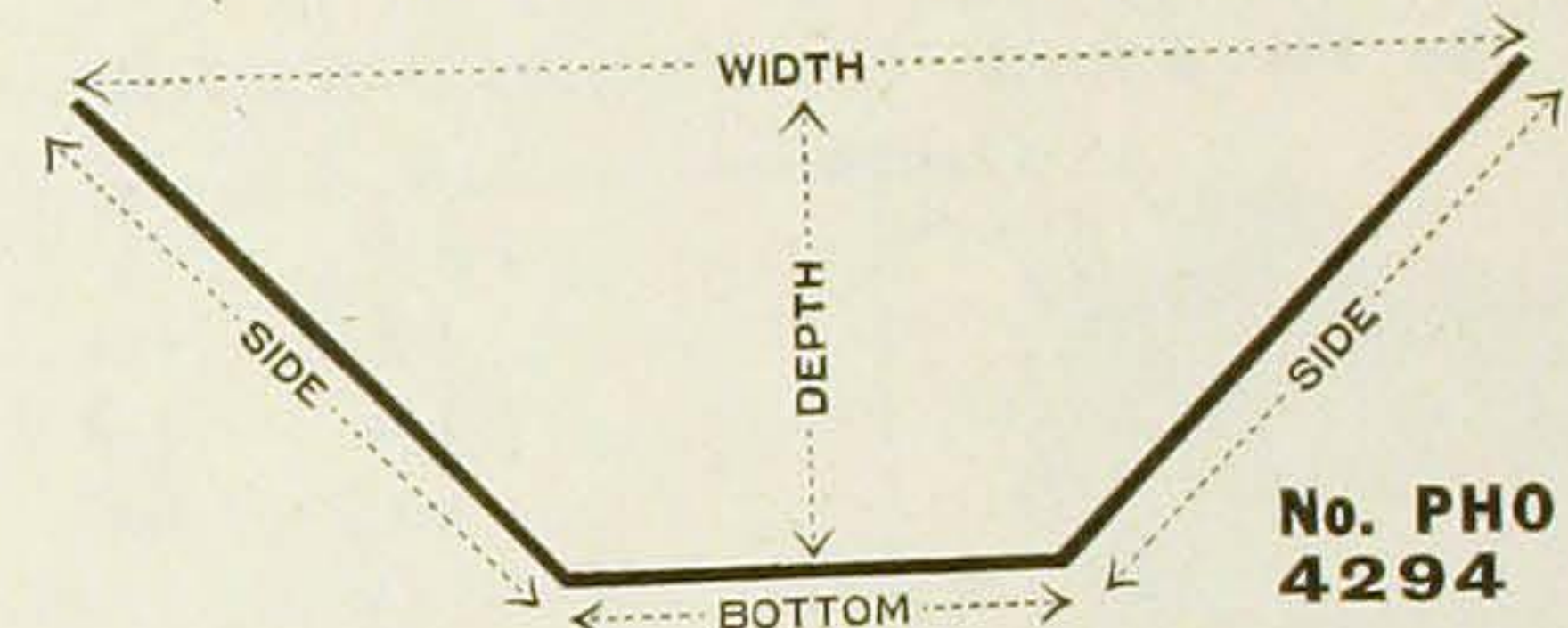


No. PHS 4066A

Extra strong, with inside or flush sockets, painted.
No. PHS 4066/4 or 4" x 3" 5" x 4" 6" x 4"
4066A pattern Gutters
in 6' 0" lengths ... 2/10 3/10 4/7 per yard nett.
Angles and Nozzles ... As 1 yard of Gutter each.
Stop Ends ... As 1/3 yard of Gutter each.
Union Clips ... As 1/3 yard of Gutter each.



No. PHO 4293



No. PHO 4294

No. PHO 4293 B.W. GUTTERS.

Outside Sockets on left hand facing upright side, except those marked I.S., which have inside sockets.
In 6' 0" lengths.

Wide.	Deep.	Sole.	Side.	Ordinary Thickness.
4"	3"	1 7/8"	3 1/2"	4/2 per yard.
6"	3 3/4"	2 1/4"	5 1/8" I.S.	4/10 "
7"	3"	3"	4 3/4"	4/9 "
7"	3 1/2"	3"	5 1/8"	4/10 "
7"	4"	2 5/8"	6"	5/3 "
7"	4"	4 3/4"	4 3/4"	6/11 "
8"	5"	5"	5 3/4"	6/10 "
8 1/2"	3"	1 3/8"	7 3/4"	6/10 "
8 3/4"	4"	3 3/8"	6 1/4" I.S.	7/- "
9"	4"	6"	5"	7/- "
9"	5"	3"	7 1/2"	7/9 "
9"	6"	7"	6 1/4"	11/2 "
10"	4"	4 1/4"	7"	7/7 "
10"	4"	5 3/4"	5 3/4"	7/7 "
10"	5"	5"	7"	7/11 "
10"	6"	4 3/4"	7 3/4"	8/7 "
11"	3"	4"	7 1/2"	8/6 "
11 1/2"	6"	7 3/4"	7"	12/11 "
12"	4"	6"	7"	8/8 "
12"	4 3/4"	4 1/2"	8 3/4"	9/1 "
12"	6"	3 1/4"	10 1/4"	9/6 "
12"	6"	9"	6 5/8"	12/11 "

No. PHO 4294 CENTRE GUTTERS.

Outside Sockets. In 6' 0" lengths.

Wide.	Deep.	Sole.	Side.	Ordinary Thickness.
8"	3"	3 1/4"	4"	6/6 per yard.
8"	5"	5"	5 1/4"	8/2 "
9"	6"	5 3/8"	6 1/4"	11/2 "
10"	4 1/2"	5"	5 1/2"	10/10 "
12"	3"	6 1/2"	4"	7/7 "
12"	4"	6"	5 1/4"	7/11 "
13"	6"	6 1/4"	7"	9/8 "
14"	4"	10 1/4"	4 1/2"	12/11 "
15"	3 3/4"	2"	7 1/2"	9/6 "
15"	5"	2"	8"	9/6 "
15"	5"	5"	7"	9/6 "
15"	5"	6"	6 3/4"	9/6 "
16"	5"	3 1/2"	8"	11/2 "
17"	4 1/2"	7"	7"	11/7 "
17 1/2"	4 1/2"	6"	7 1/4"	11/7 "
18"	6"	5"	8 3/4"	12/7 "
18"	8"	4 1/4"	10 3/4"	15/3 "
19"	4"	5"	8"	11/11 "
19"	4 1/2"	5 1/4"	8"	11 11 "
19"	5"	3 1/4"	9 1/2"	11/11 "
19"	5"	5"	8 1/2"	11/11 "
19"	5"	9"	7"	11/11 "

"F" Basis.

PHS—Stock Lines ; PHO—To Order only.

Zinc and Galvanized Sheet Iron Gutters, Pipes, Fittings, etc.

IMPORTANT NOTE. Owing to frequent market fluctuations, all prices on this page are liable to alteration without notice. Orders will only be accepted conditionally that goods will be invoiced at current prices at time of delivery.



Section.

No. PHQ 4016 Zinc O.G. Gutter.



Section.

No. PHS 3990 Zinc Half Round Double-Beaded Gutter. (Illustrated above).

No. PHS 4753 Galvanized Iron, Half Round Gutter. (Not illustrated). Plain (not beaded), Priced below.

No. PHS 4753 GALVANIZED RAINWATER GOODS. Half Round Pattern.

18 Gauge.	3"	3½"	4"	4½"	5"	6"
Gutter, 6' lengths ...	1/8	1/11	2/-	2/4	2/7	3/4 each.
Angles ...	1/4	1/4	1/5	1/5	1/6	1/8 "
Outlets ...	1/2	1/2	1/4	1/4	1/5	1/6 "
Stop Ends ...	6d.	6d.	6d.	6d.	6d.	7d. "
14 Gauge.	3"	3½"	4"	4½"	5"	6"
Gutter, 6' lengths ...	2/7	2/10	3/1	3/3	3/6	4/1 "
Angles ...	1/11	2/-	2/1	2/3	2/4	2/7 "
Outlets ...	1/9	1/9	1/11	2/-	2/1	2/4 "
Stop Ends ...	6d.	7d.	7d.	9d.	9d.	9d. "



Zinc Round Swan Neck

No. PHS 3991

1½"	2/1 each.
2"	2/8 "
2½"	3/2 "
3"	3/10 "
3½"	4/3 "
4"	4/11 "



Zinc Round Plinth Bend.

No. PHS 3992

1½"	1/9 each.
2"	2/- "
2½"	2/6 "
3"	2/10 "
3½"	3/2 "
4"	3/6 "



Zinc Round Shoe.

No. PHS 3993

1½"	1/1 each.
2"	1/4 "
2½"	1/6 "
3"	1/11 "
3½"	2/1 "
4"	2/6 "

These Pipes have Soldered Seam Joints.

No. PHS 3997 Zinc Round Down Pipe.

(Illustrated). Prices above, on right of illustration.

No. PHS 4754 Galvanized Iron Round Down Pipe.

(Not illustrated). Priced below.



Round Down Pipe.

No. PHS 3997

Zinc. Per 6' 0" length.

1½" x 10 gauge	2/1 each.
2" x 10 "	2/6 "
2½" x 10 "	2/8 "
3" x 10 "	3/2 "
3½" x 10 "	3/6 "
4" x 10 "	3/9 "

*Note.—Round Down Pipes priced in 6' 0". They can be supplied with grooved seam joints, drawn through dies in 7' or 8' lengths. Prices on application.

No. PHS 3998

Zinc. Square Down Pipe.

All per 7' 0" length, with ears, complete, ready for fixing.

3" x 2" x 10 gauge	4/11 each.
3½" x 2½" x "	5/5 "
4" x 3" x "	5/11 "
3" x 2" x 12 gauge	5/7 "
3½" x 2½" x "	6/- "
4" x 3" x "	6/4 "

No. PHS 3998



Zinc Round Bend.

No. PHS 3994

1½"	1/1 each.
2"	1/4 "
2½"	1/6 "
3"	1/11 "
3½"	2/1 "
4"	2/6 "

Zinc Square Plinth Bend.

No. PHS 3995

3" x 2" x 10 gauge	2/1 each.
3½" x 2½" x 10 "	2/8 "
4" x 3" x 10 "	3/2 "
3" x 2" x 12 "	2/8 "
3½" x 2½" x 12 "	3/2 "
4" x 3" x 12 "	3/6 "

Zinc Square Shoe.

No. PHS 3996

3" x 2" x 10 gauge	1/9
3½" x 2½" x 10 "	2/1
4" x 3" x 10 "	2/6
3" x 2" x 12 "	2/1
3½" x 2½" x 12 "	2/6
4" x 3" x 12 "	2/10

GALVANIZED SHEET IRON RAIN WATER DOWN PIPES AND CONNECTIONS. No. PHS 4754

Size	2"	2½"	3"	3½"	4"
Pipes 6' 0" lengths	2/3	2/6	2/8	2/11	3/2 each.
Shoes and Elbows	1/5	1/8	1/9	1/11	2/- "
Offsets, 6" projection	1/8	1/11	2/1	2/4	2/7 "
Offsets 9" projection	1/9	2/-	2/3	2/6	2/8 "

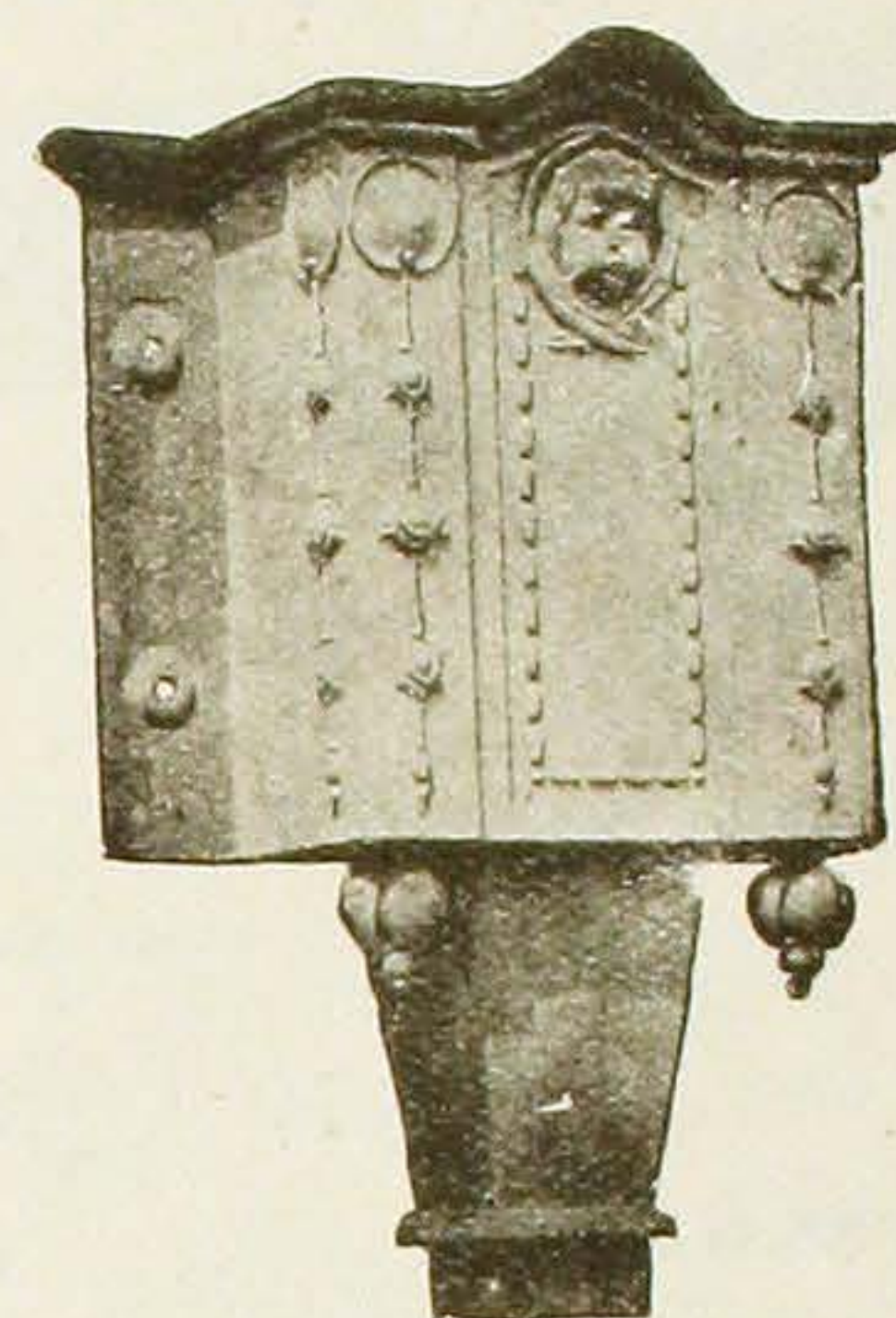
Ornamental Rainwater Heads



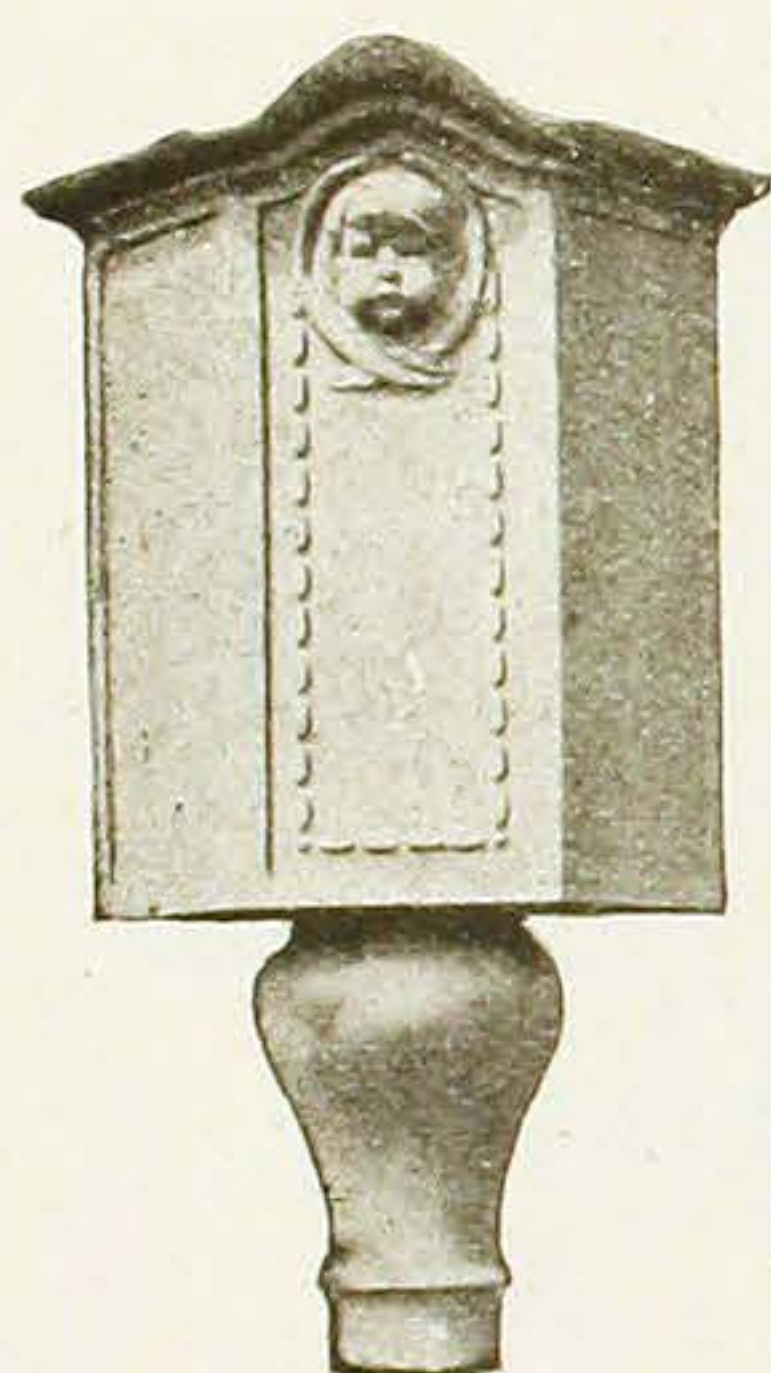
No. PHO 9386



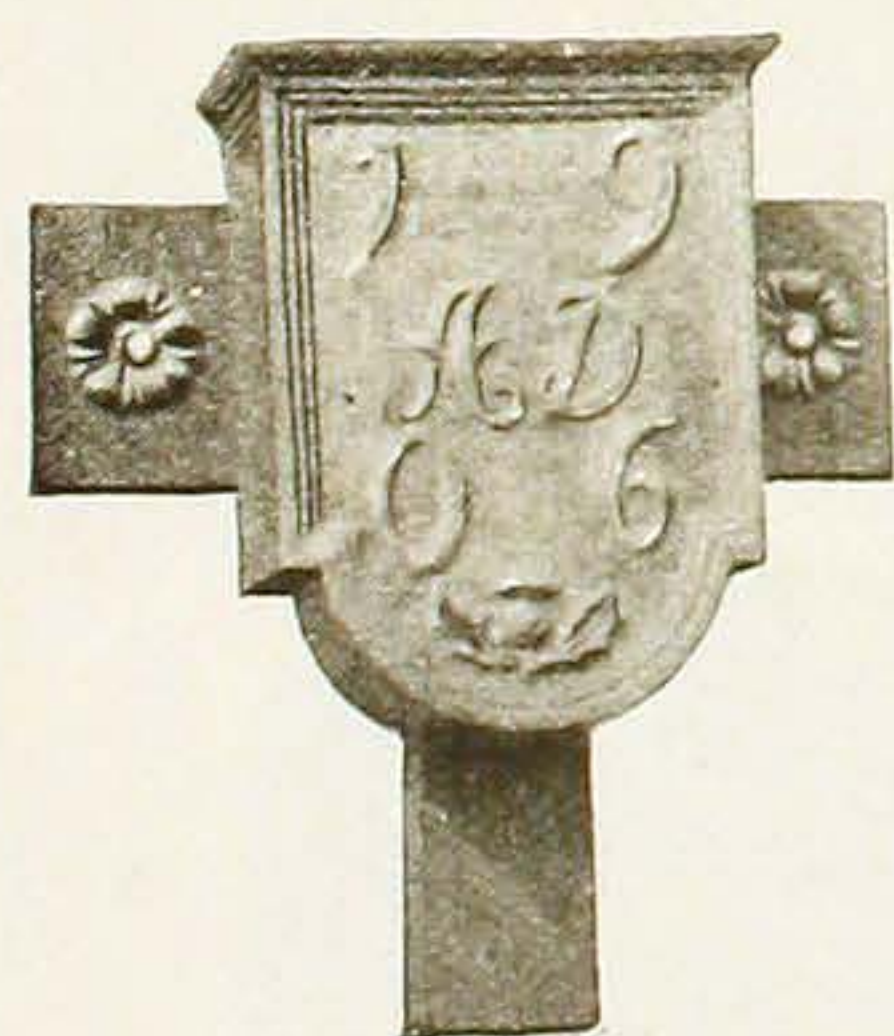
No. PHO 9329



No. PHO 9326



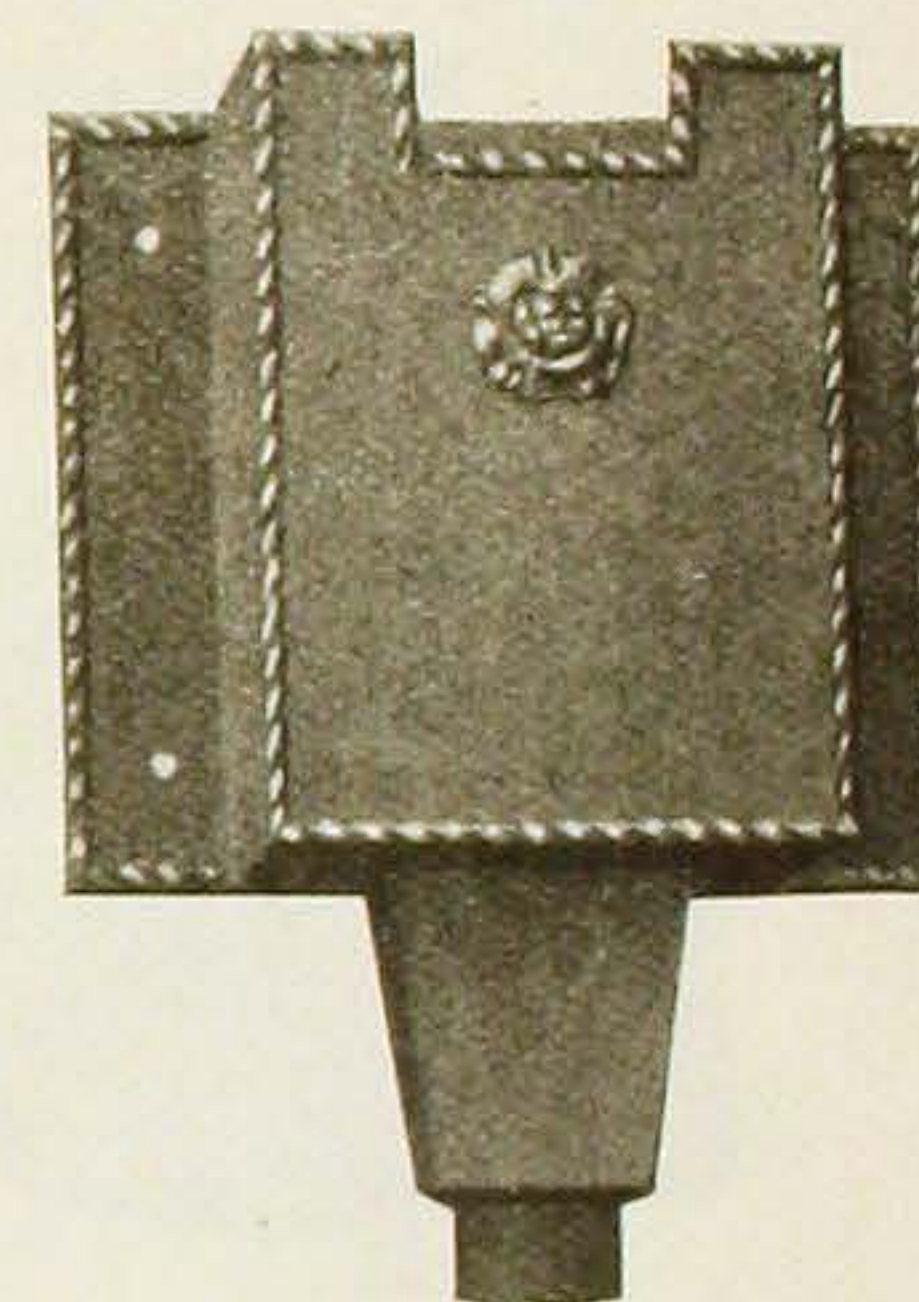
No. PHO 9325
(Without Ears).



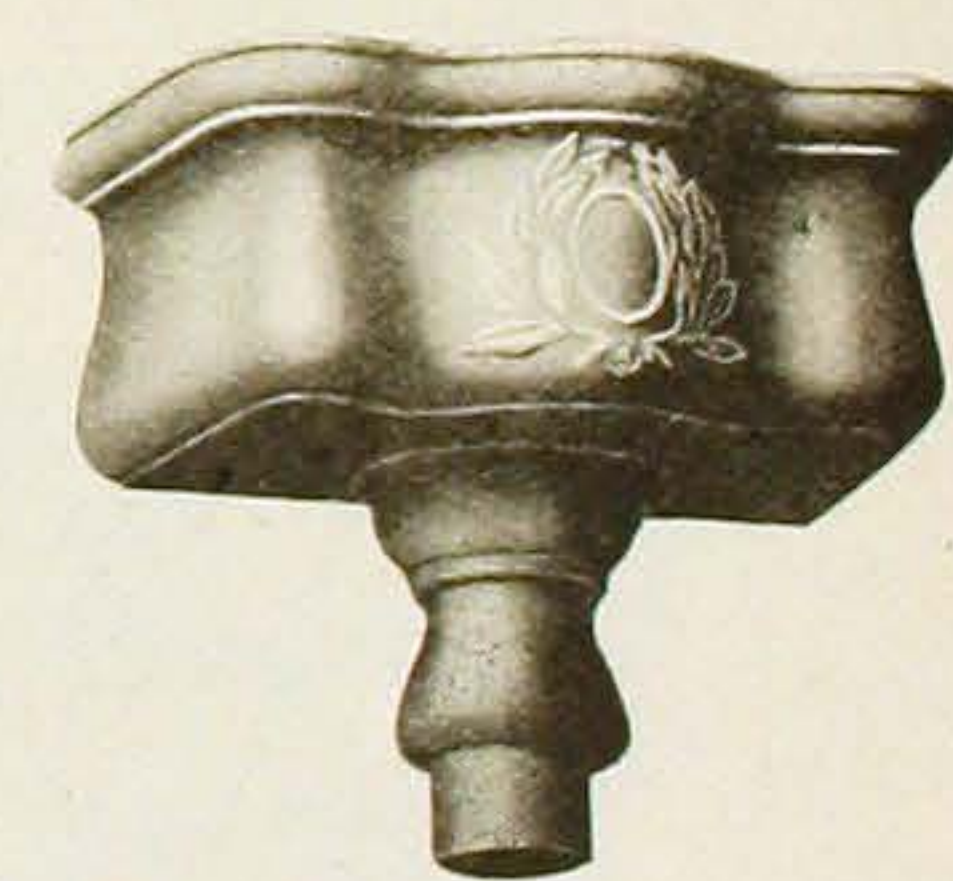
No. PHO 9328

PRICES :					
No.	Extreme size in inches.			Price Painted each.	Size in inches of pipes for which pattern is suitable.
	Width at top	Height exclusive of spigot.	Pro-jection		
PHS 9120	11	20½	6½	34/2	Round, 2, 2½, 3, 3½, 4. Rect., 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3, 4 × 4.
PHO 9325	14½	21	7½	47/7	Round, 2½, 3.
PHO 9326	18	21¾	7¾	49/-	" 3½, 4.
PHO 9329	14¾	22	7¼	58/9	" 2½, 3.
PHO 9386	14¾	22	7¼	60/3	" 3½, 4.
PHS 9109	18	11¾	6	71/2	Round, 3, 3½, 4. Rect., 4 × 3.
PHO 9298	19¼	21	7½	71/2	Round, 3, 3½, 4. Rect., 4 × 3.
PHO 9320	16¾	12	10	27/4	Round, 2, 2½, 3, 3½. Rect., 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3.
PHO 9327	13	21¾	7¾	49/-	Round, 2½, 3.
PHO 9328	18½	17	6½	50/6	" 3½, 4.
PHO 9330	22	11¼	8½	38/3	" 2, 2½, 3, 3½, 4.
				57/6	" 2½, 3.
				58/9	" 3½, 4.
				57/6	Round, 2½, 3, 3½, 4. Rect., 3½ × 2½.
				109/3	Round, 2½, 3, 3½, 4 flat. " 3½, 4, 2 in. projection. Rect., 4 × 3 in.

All above prices are for Cast Iron. Prices in Lead on application.
We shall be pleased to make up Rainwater Heads in Lead to Architects' own designs ; or, if required, to submit special designs on receipt of particulars of type required.



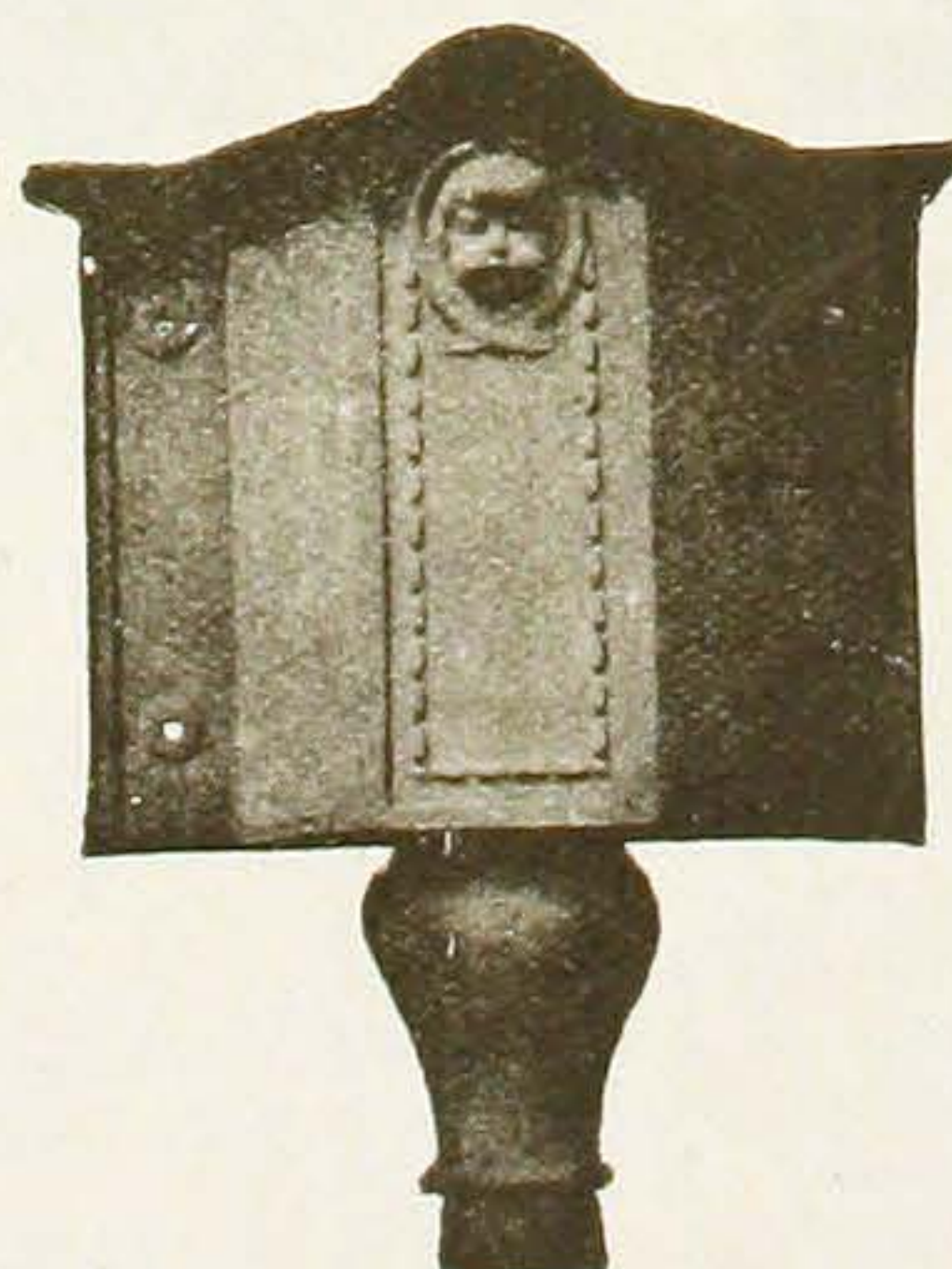
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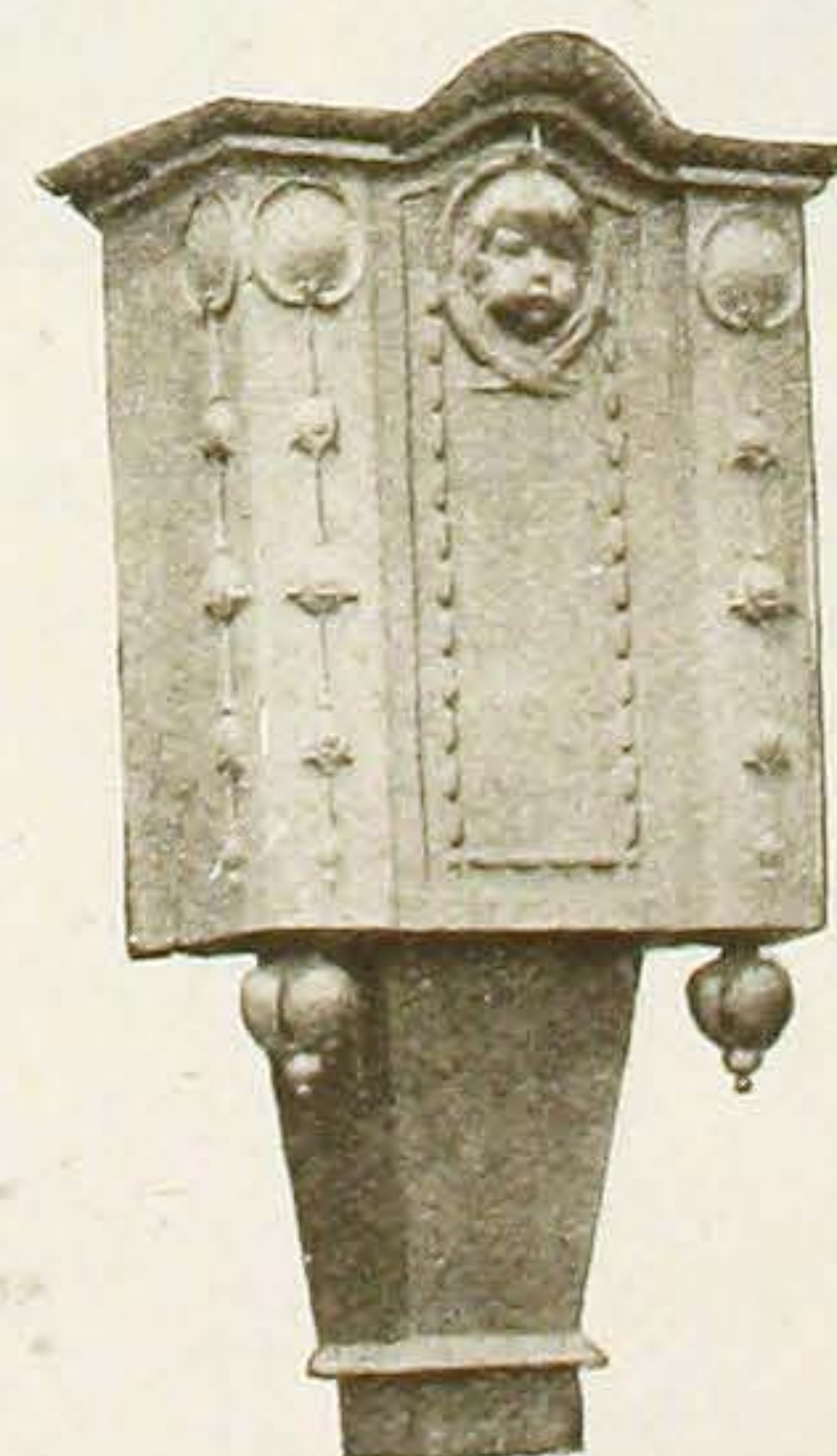
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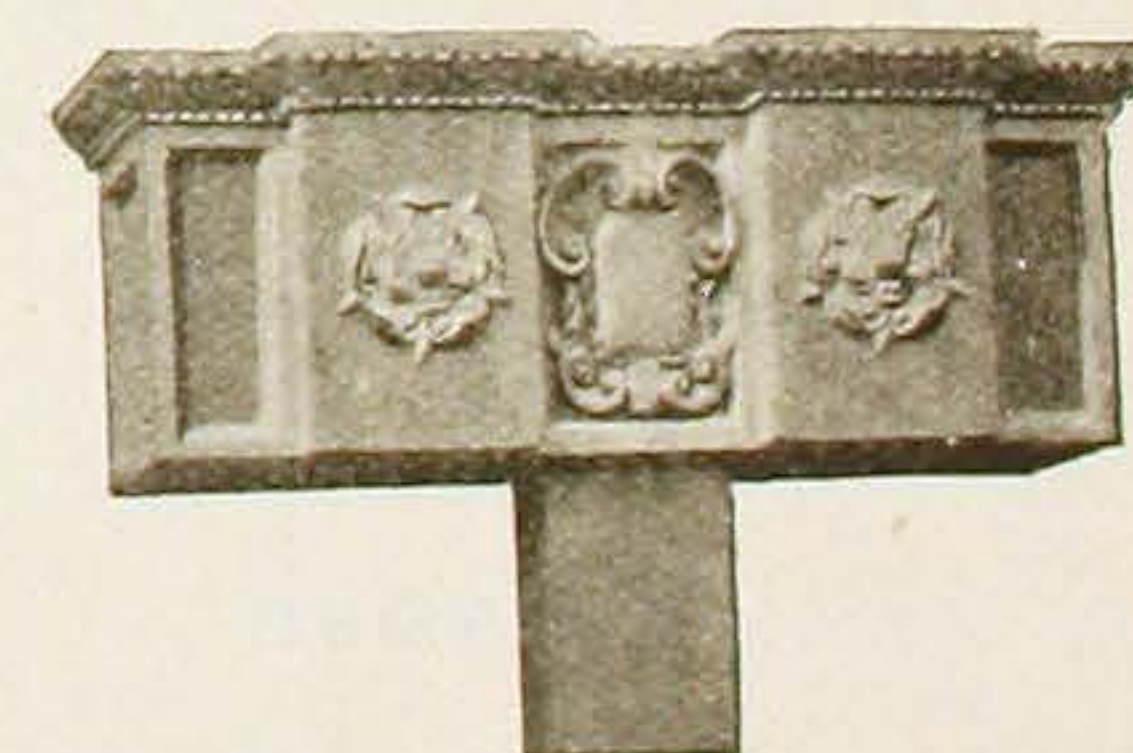
No. PHS 9109



No. PHO 9298



No. PHO 9327
(Without Ears).



No. PHO 9330

Ornamental Rainwater Heads



No. PHS 9108



No. PHO 9318



No. PHO 9316



No. PHO 9317

No.	Extreme sizes in inches.			Price Painted, each.	Sizes in inches of Pipes for which pattern is suitable.	
	Width at Top.	Height exclusive of spigot.	Pro-jection.			
PHS 9108 ...	12	10	6½	29/6	Round	2, 2½, 3, 3½, 4
PHO 9316 (Angle)...	13	11¼	9¼	8/6	Rect.	3×2, 3×2½, 3×3, 3½×2½, 4×3.
	13½	11½	9½	9/2	Round	2, 2½
	14¼	11¾	11¼	10/1	"	3, 3½
	15¼	11¾	12¼	11/10	"	4
PHO 9317 ...	17¼	13	8½	27/11	"	4½, 5
PHO 9318 ...	12	14½	9	46/-	Round	2½, 3, 3½, 4, 4½
					Rect.	3×2, 3×2½, 3×3, 3½×2½, 4×3, 4×4, 4½×3½, 5×3½, 5×4
					Round,	2, 2½, 3, 3½, 4, 6.



No. PHS 9089



No. PHO 9322



No. PHO 9321



No. PHO 9084



No. PHS 9323

No.	Extreme sizes in inches.			Price painted, each.	Sizes in inches of Pipes for which pattern is suitable.	
	Width at Top.	Height exclusive of spigot.	Pro-jection.			
PHO 9084 ...	8½	7½	6	4/9	Round	2.
	9¼	8	6½	5/2	"	2½.
	9¾	8	7	5/2	"	3.
	10¼	8	7½	6/7	"	3½.
	10¾	8½	8¼	7/1	"	4.
PHO 9089 ...	13	10½	10	9/3	"	4½, 5.
PHO 9321 ...	13	6	9	26/6	"	2, 2½, 3, 3½, 4.
PHO 9322 ...	12¼	10	8½	8/3	"	2, 2½, 3, 3½, 4.
	13	10	8½	8/3	"	2, 2½.
	13¼	10½	8½	8/6	"	3.
PHS 9323 ...	8½	9½	6½	15/10	"	3½.
					"	2, 2½, 3.



No. PHS 9107



No. PHO 9088



No. PHO 9319



No. PHO 9086



No. PHS 9324

No.	Extreme sizes in inches.			Price Painted, each.	Sizes in inches of Pipes for which pattern is suitable.	
	Width at Top.	Height exclusive of spigot.	Pro-jection.			
PHO 9086 ...	17¾	7	7¾	21/1	Round	2, 2½, 3, 3½.
PHO 9088 ...	11¼	6¼	9	17/-	"	2, 2½, 3, 3½.
	24	6¼	9	28/2		
	36	6¼	9	37/9		
PHS 9107 ...	12	6	6	11/10	Round	2, 2½, 3, 3½.
PHO 9319 ...	12	6	6½	17/4	Rect.	3×2, 3×2½, 3×3, 3½×2½, 4×3.
PHS 9324 ...	11¼	5¾	6	14/3	Round	2, 2½, 3, 3½, 4.
					Rect.	3×2, 3×2½, 3×3, 3½×2½.

All above Prices are for Cast Iron. Prices in Lead on application. We shall be pleased to make up Rainwater Heads in Lead to Architects' own designs; or, if required, to submit special designs on receipt of particulars of type required.

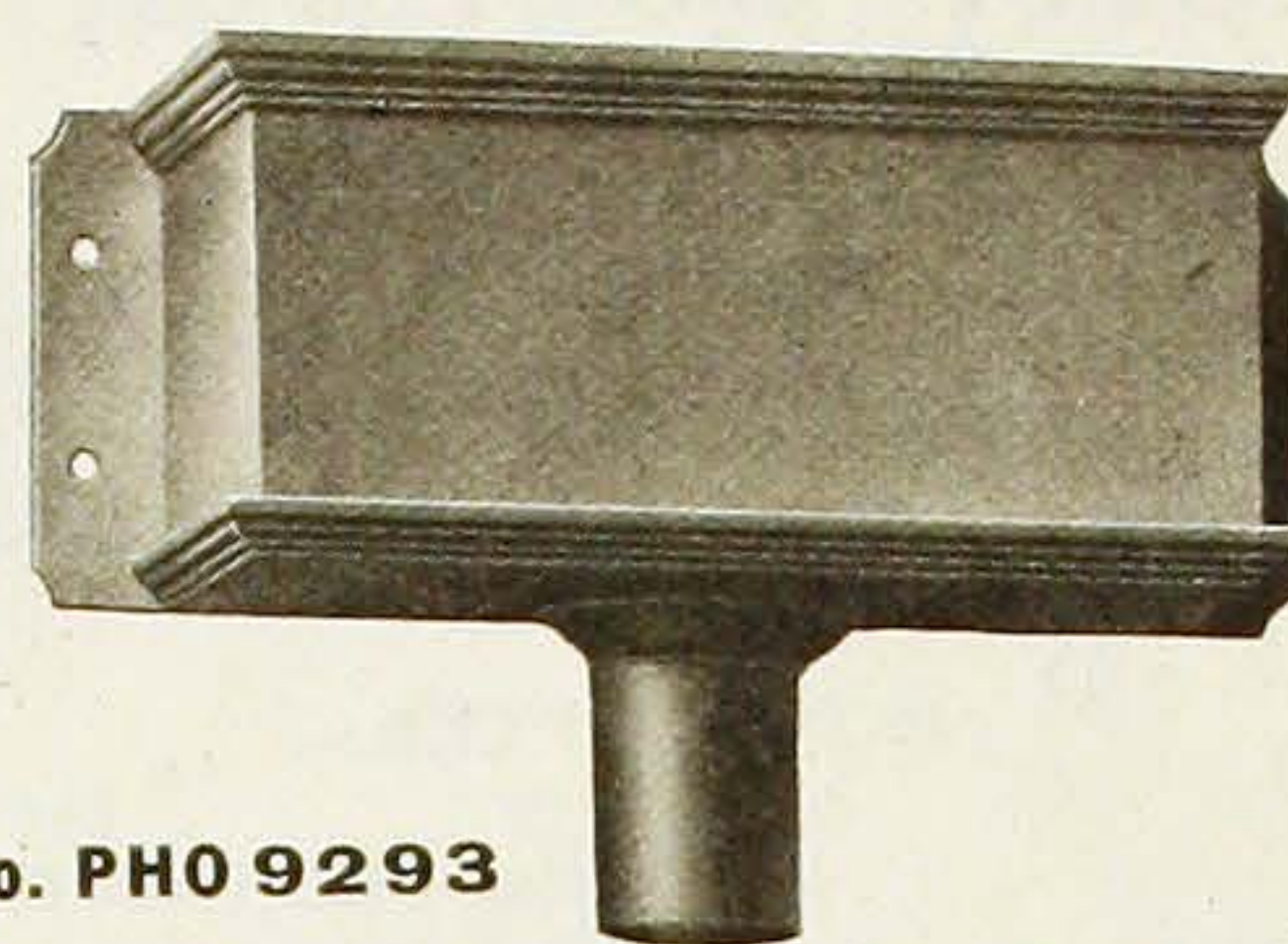
"B" Basis.

PHS—Stock Lines in most usual Outlets; PHO—To Order only.

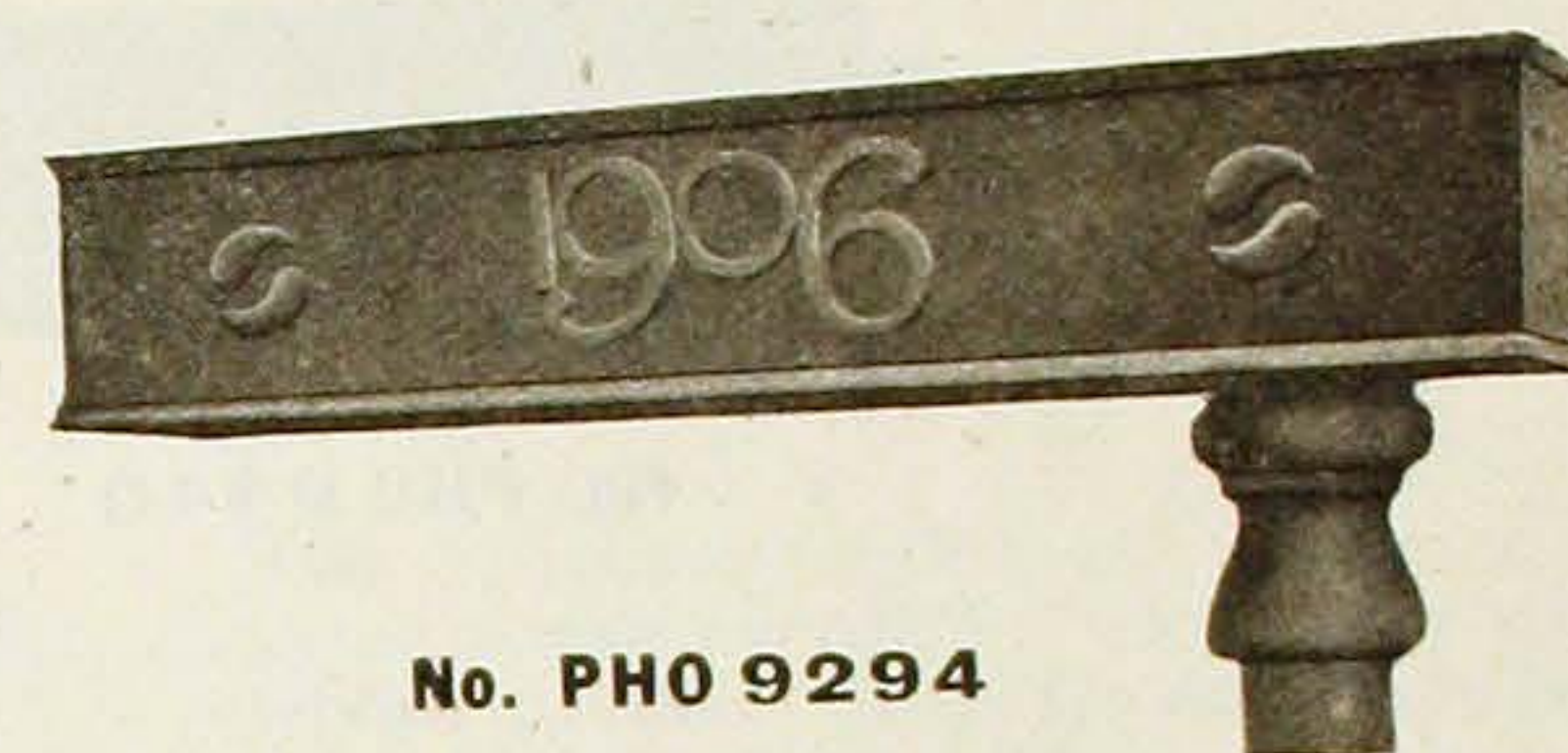
Ornamental Rainwater Heads



No. PHO 9292

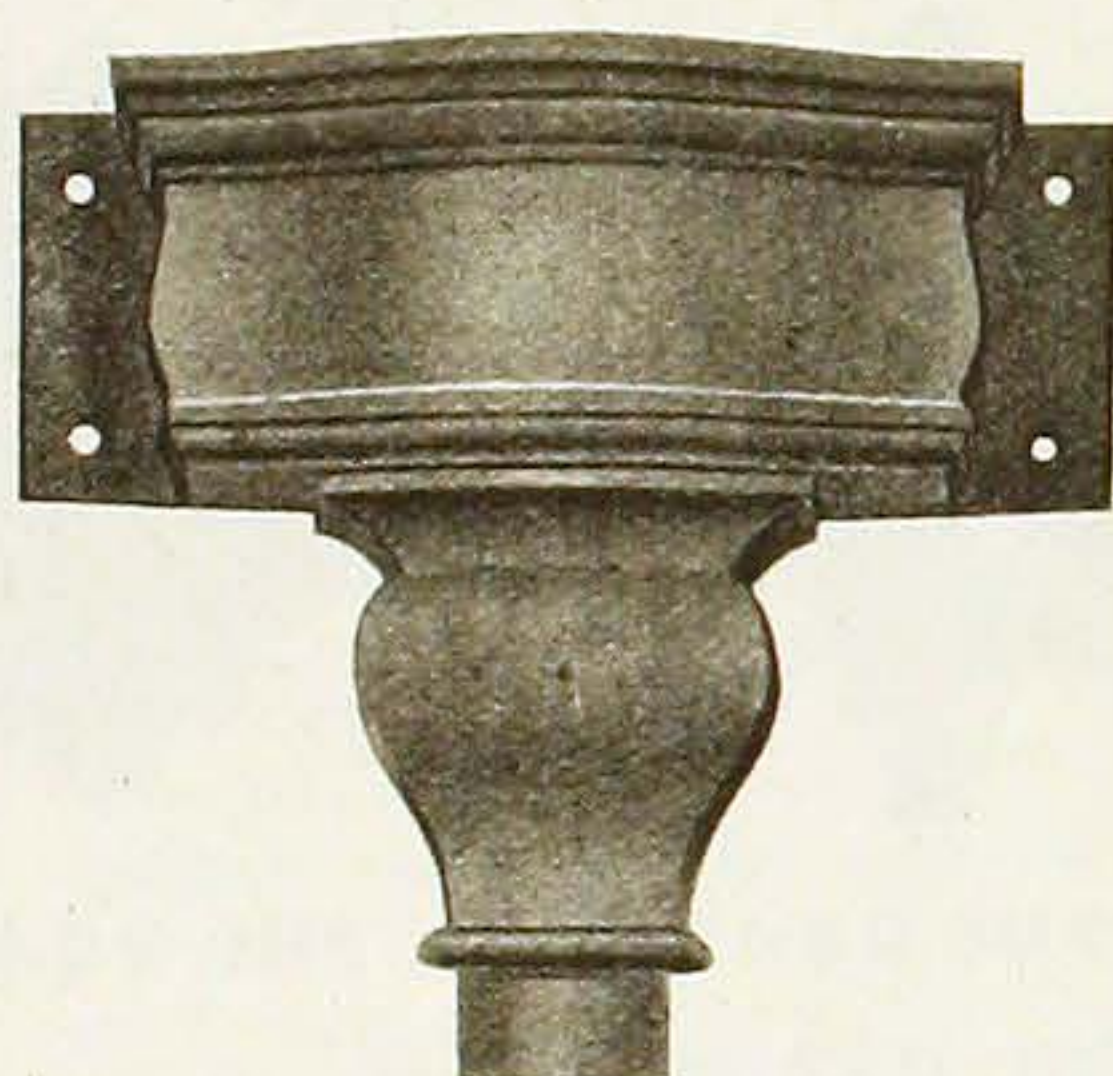


No. PHO 9293

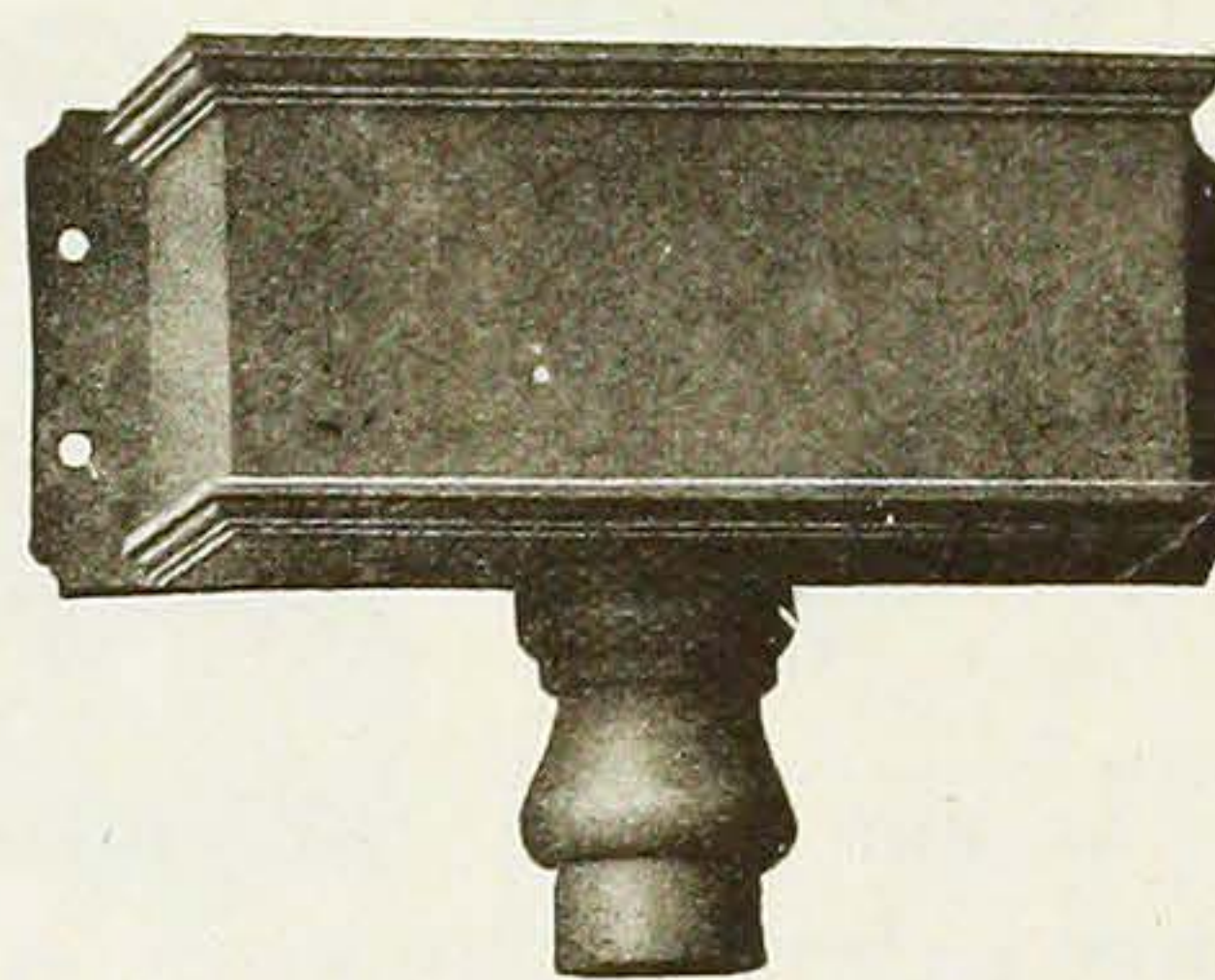


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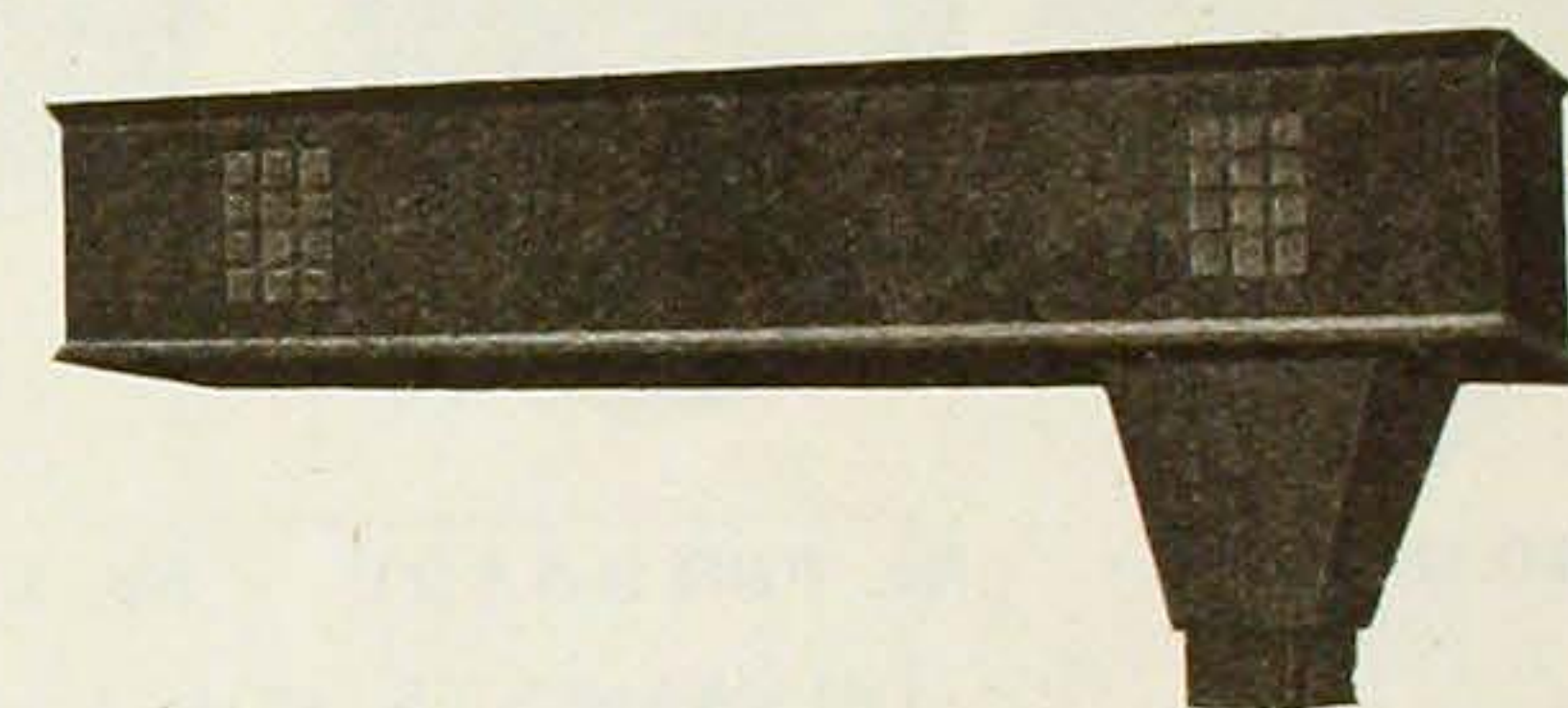
No.	Extreme size in inches.			Price, painted, each.	Sizes in inches of Pipes for which pattern is suitable.
	Width at Top.	Height exclusive of spigot.	Pro-jection.		
PHO 9292 ...	34	18	11	78/9	Round 3, 3½, 4. Rect. 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3, 4 × 4, 4½ × 3½, 5 × 3½, 5 × 4, 6 × 4
PHO 9293 ...	20	Body 9 Outlet overall 6	9	62/-	Round 3, 3½, 4, 6.
PHO 9294 ...	(18) 24 36 48 72	Body 6 Outlet 6 Spigot 1¼	6	(31/-) 36/6 51/1 61/7 73/10	Round 2, 2½, 3, 3½, 4. Rect. 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3.



No. PHO 9115

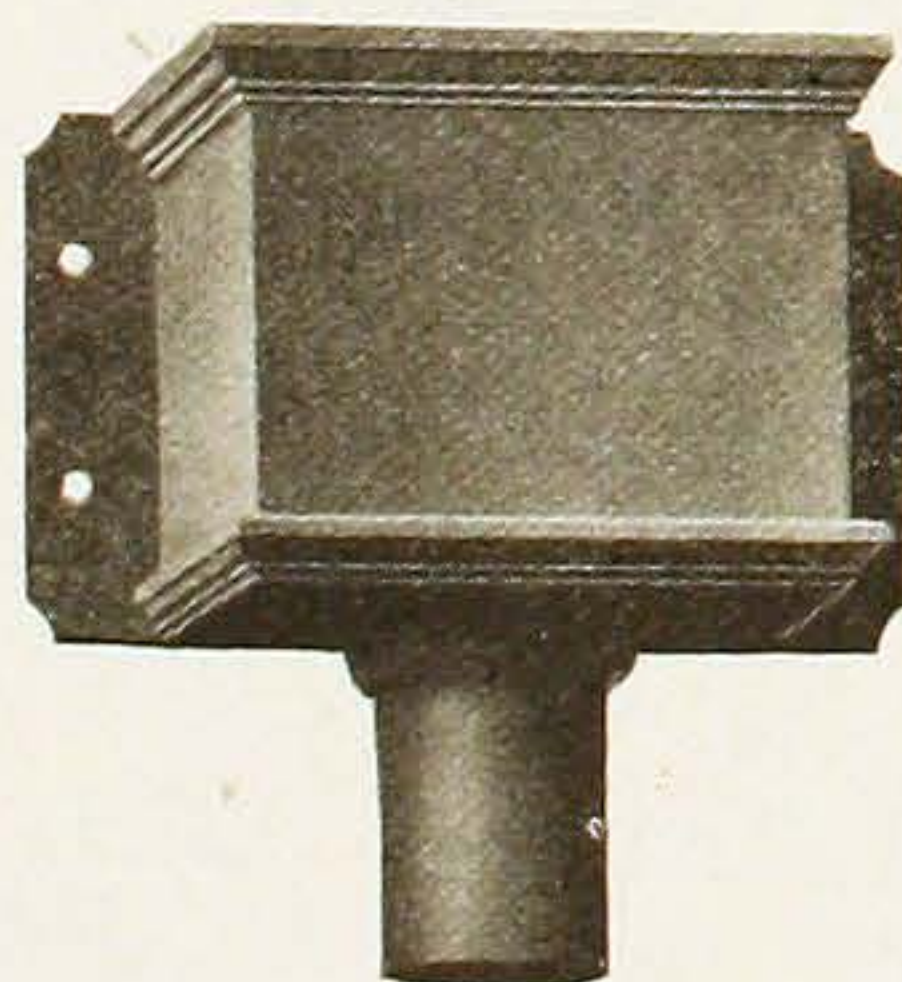


No. PHO 9295

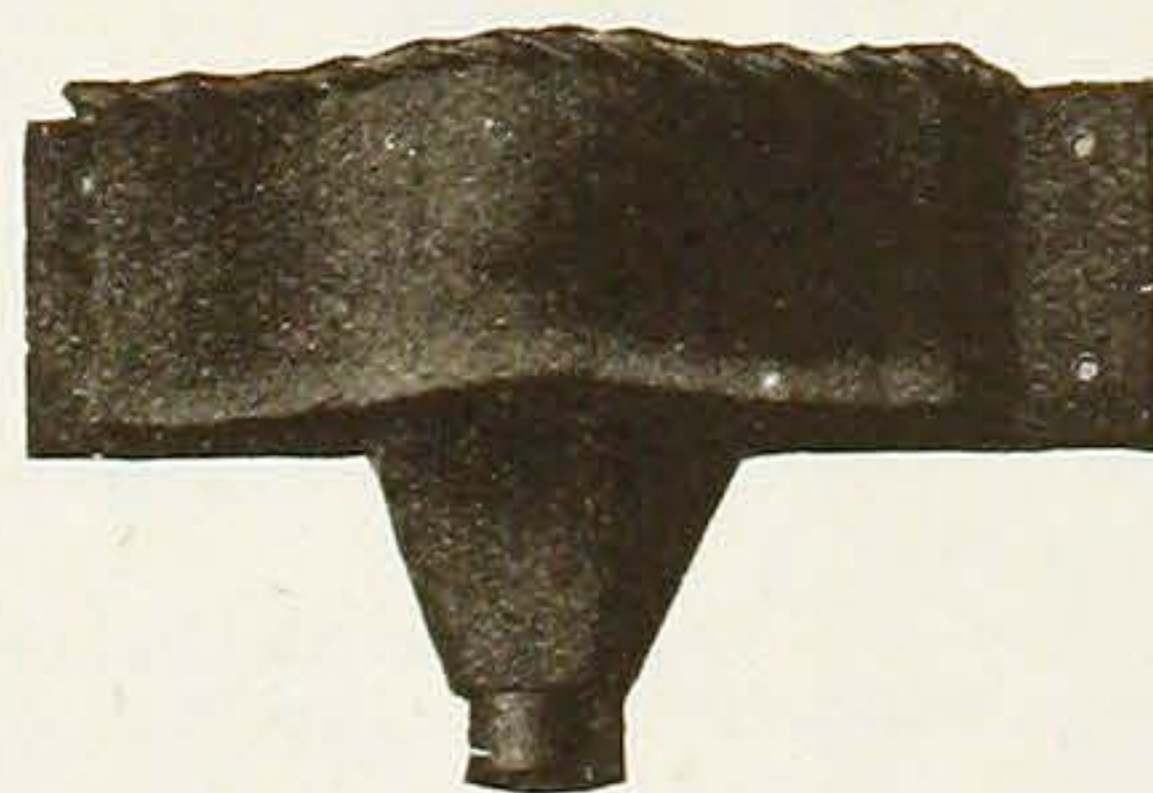


No. PHO 9296

No.	Extreme size in inches.			Price Painted, each.	Sizes in inches of Pipes for which pattern is suitable.
	Width at Top.	Height exclusive of spigot.	Pro-jection.		
PHO 9115 ...	16	15	8½	29/2	Round 2½, 3, 3½, 4. Rect. 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3, 4 × 4.
PHO 9295 ...	20	14½	9	69/4	Round 3, 3½, 4, 6.
PHO 9296 ...	(18) 24 36 48 72	Body 6 Outlet 6 Spigot 2	6	(25/2) 31/- 44/8 55/7 67/5	Round 2, 2½, 3, 3½. Rect. 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3.



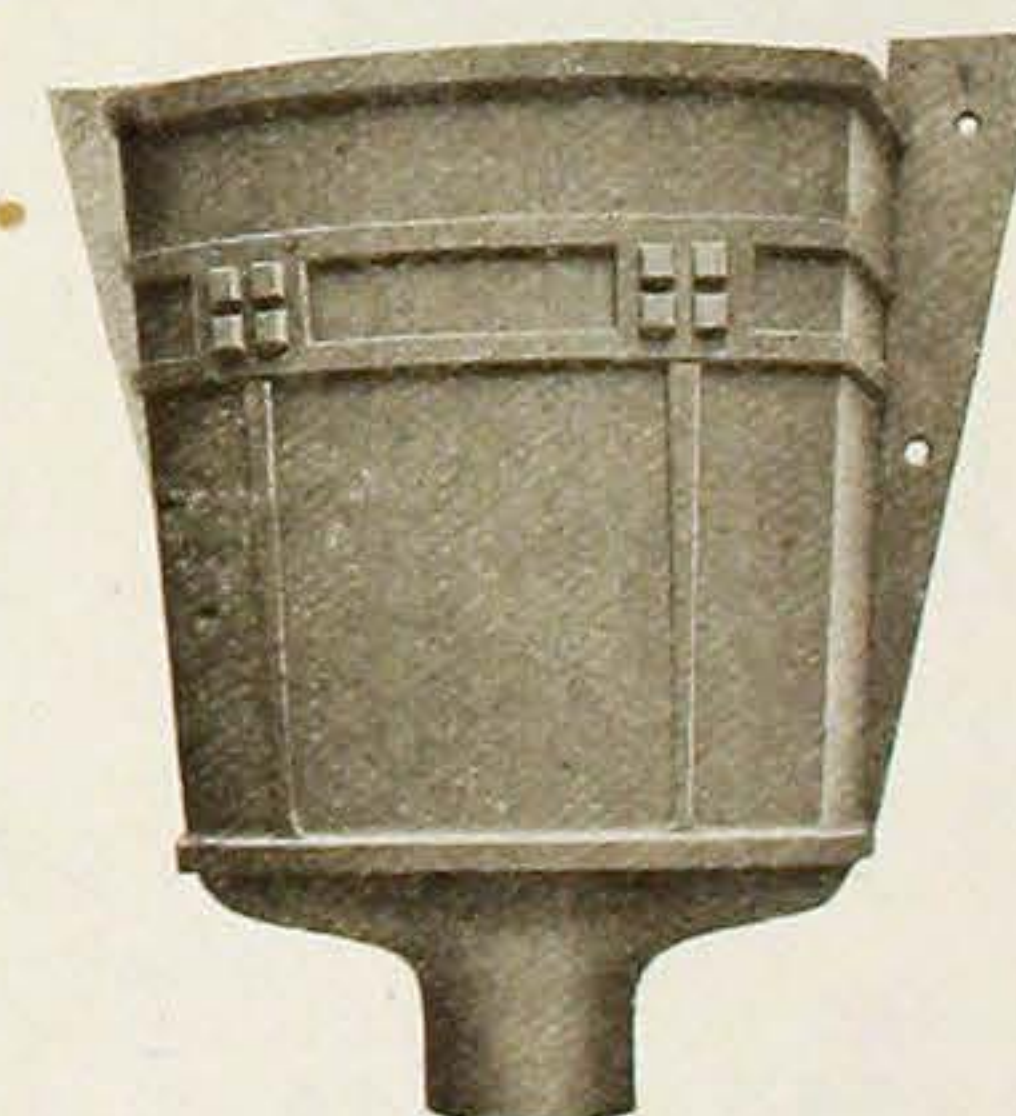
No. PHO 9297



No. PHS 9116



No. PHS 9122



No. PHO 9315

No.	Extreme size in inches.			Price, painted, each.	Sizes in inches of Pipes for which pattern is suitable.
	Width at Top.	Height exclusive of spigot.	Pro-jection.		
PHO 9297 ...	12	Body 9 Outlet over'1 6	9	35/6	Round 2, 2½, 3, 3½, 4, 6.
PHS 9116 ...	18	11¾	6	27/4	Round 2, 2½, 3, 3½. Rect. 3 × 2, 3 × 2½, 3 × 3, 3½ × 2½, 4 × 3.
PHS 9122 ...	(9½) 10½ 11 11¾ 12 13½ 16½	8½ 9¼ 9½ 10 10½ 11¼ 14	7½ 7½ 8 8¾ 9 9½ 11¼	6/7 6/11 7/4 9/7 10/1 12/11 34/9	Round 2. Round 2½. Round 3. Round 3½. Round 4. Rect. 3 × 2, 3 × 2½. Round 4½, Rect. 3 × 3, 3½ × 2½, 4 × 3. Round 4, 4½, 5, 6. Rect. 4 × 3, 4½ × 3½, 5 × 3½, 5 × 4, 6 × 4.
PHO 9315 ...	14½	Body 12 Outlet overall 6	9	29/6	Round 3, 3½, 4. Rect. 3 × 2, 3 × 2½, 3½ × 2½, 4 × 3, 4 × 4, 4½ × 3½, 5 × 3½, 5 × 4, 6 × 4.

Prices above are all Cast Iron. Prices in Lead on application. We shall be pleased to make up Rainwater Heads in Lead to Architects' own designs; or, if required, to submit special designs on receipt of particulars of type required.

Rainwater Gutters, Sockets, Pipe Clips, etc.



EXCLUSIVE
DESIGNS



No. PHO 9440

No. PHO 9441

BOX GUTTERS.

Width.	Depth.	Extreme sizes. Sole.	Thickness.	Faucet. Inside R. and L.H.
3" x 2"	2 1/2"	2 1/2"	Ord.	
4" x 3"	3"	3 1/2"	Ord.	
4" x 4"	4"	3 1/2"	Ord.	
5" x 4"	4 1/2"	4 1/2"	Ord.	
6" x 4 1/2"	5 1/2"	5 1/2"	Ord.	
6" x 6"	6"	5 1/2"	1 1/8"	
8" x 6"	7"	7"	1 1/4"	

No. PHO 9440

No. PHO 9441

9/3 per yard.

— per yard.

9/10

11/-

11/-

12/-

12/-

16/8

16/8

26/-

26/-

29/3

29/3

Connections.

Nozzles, Angles (sq. and obtuse, 135°) are charged as 2 yards of Gutter.

Clips, Stop-ends and Outlet on Bottom " " 1/2 yard

Outlets Cast on back of Gutter " " 1 yard

Return Stop-ends cast in " " 1/2 yard

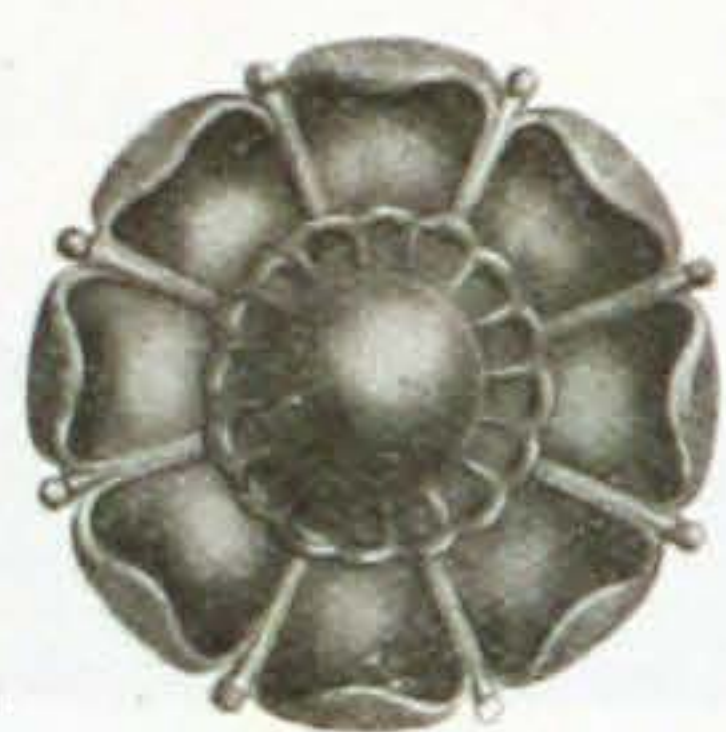
Short Lengths.

Up to 2 feet charged as one yard.

Over 2 feet and up to 4 feet charged as 1 1/2 yards.

" 4 " " 6 " " 2 "

For Ornaments see Exclusive Designs below. Architects requiring other sizes than these should communicate with us before specifying.



No. PHO 9442A

No. PHO 9442B

No. PHO 9442C

No. PHO 9442D

No. PHO 9442E

No. PHO 9442F

No. PHO 9442G

ORNAMENTS FOR CASTING ON BOX GUTTERS, SOCKETS, OR RAIN-WATER HEADS.

Any of these Exclusive Ornaments can be cast on the above Box Gutters, and on Sockets and Rain-Water Pipe Heads, at a cost of 1/3 each. Any existing design on such Gutters, etc., can be replaced by any other design free of charge. Ornaments spaced at any desired centres, but when less than 18" apart, a small extra will be charged.

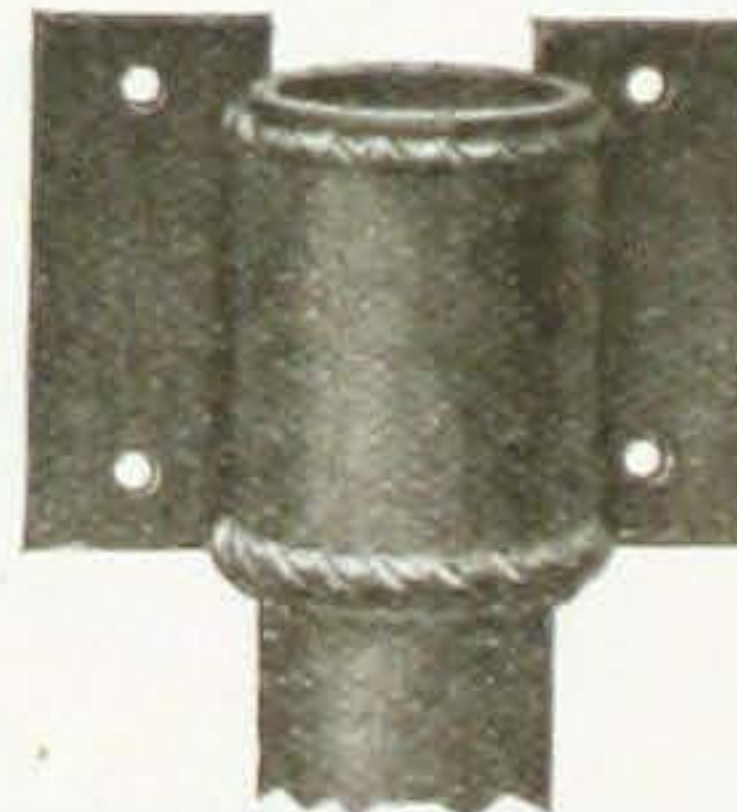
EXCLUSIVE DESIGNS



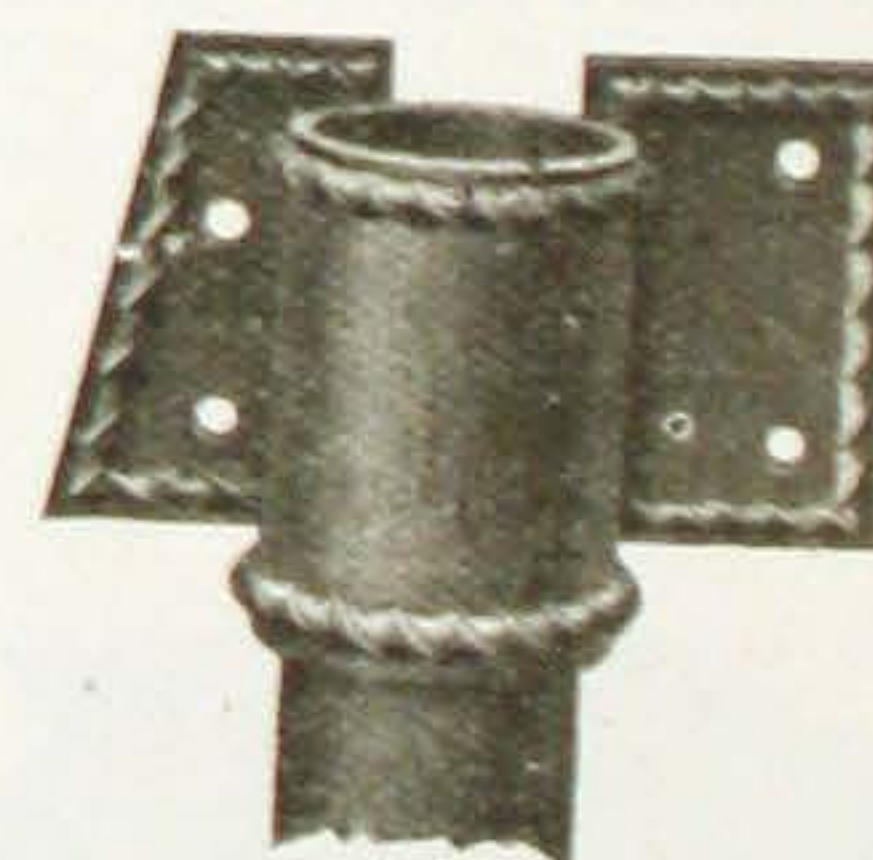
No. PHO 9443 Socket.
No. PHO 9444 Ears.



No. PHO 9443 Socket.
No. PHO 9446 Ears.



No. PHO 9445 Socket.
No. PHO 9448 Ears.



No. PHO 9445 Socket.
No. PHO 9450 Ears.

PIPE SOCKETS WITH EARS. (Cast-on or Loose Dovetail).

All Ears and Ornaments are interchangeable. Angled Ears will be charged extra.

For Round Rainwater Pipe.		For Rect. Rainwater Pipe.		For Soil Pipe 3/8" with large Caulking Socket.		With Cast-on Ears to fix Pipe flat against wall.		Price.	
Socket.	Ears.	Size in inches.	Size in inches.	Size in inches.	Size in inches.			With Dovetail Ears to project Pipe 1 1/2" from wall.	
Nos. PHO 9443 and 9444	2 1/2, 3, 3 1/2, 4	3 1/2 x 2 1/2	4 x 3	5 x 4	2 1/2, 3, 3 1/2, 4				
Nos. PHO 9443 and 9446	2 1/2, 3, 3 1/2, 4	3 1/2 x 2 1/2	4 x 3	5 x 4	2 1/2, 3, 3 1/2, 4				
Nos. PHO 9445 and 9448	3, 3 1/2	3 1/2 x 2 1/2	4 x 3				4/11	5/9 per socket.	
Nos. PHO 9445 and 9450	3, 3 1/2	3 1/2 x 2 1/2	4 x 3				6/11	7/8 per socket.	

For Rough Cast Walls: Distance Pieces cast on back of ears. Any Ornament as shewn above cast on any of above Sockets.

Price 4d. per pipe extra.
Price 1/3 per pipe extra.



No. PHO 9451

No. PHO 9452

No. PHO 9453

No. PHO 9454

No. PHO 9455

No. PHO 9456

No. PHO 9457

LOOSE BELT EARS. (To fit over Socket).

Nos. PHO 9451 to 9456 For Round Rainwater Pipe Size

For Rectangular Rainwater Pipe Size.

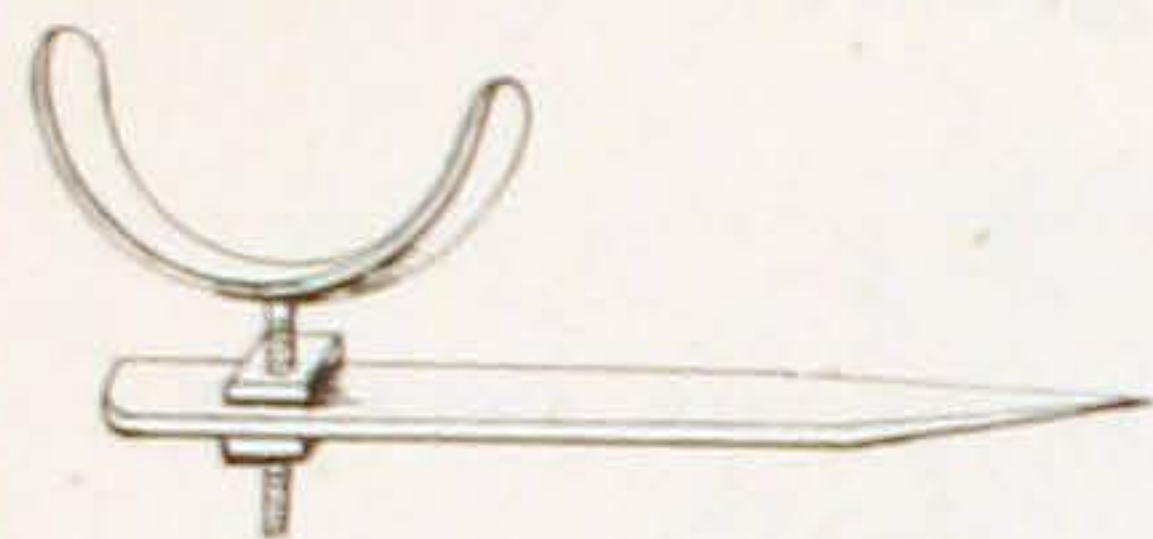
Price each	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"
No. PHO 9457	2/6	2/8	2/10	3/2	3/3	3/7	3/10	4/2

3" x 2"	3" x 2 1/2"	3" x 3"	3 1/2" x 2 1/2"	4" x 3"	4" x 4"	4 1/2" x 3 1/2"	5" x 3 1/2"	5 1/2" x 4"	6" x 4"
2/3	2/3	2/7	2/7	2/7	3/-	3/-	3/5	3/5	3/9
3/-	3/-	3/3	3/3	3/3	3/8	3/8	4/2	4/2	4/5

"B" Basis.

PHO—To Order only.

Gutter Brackets, Pipe Hooks, Gutter Bolts, etc.



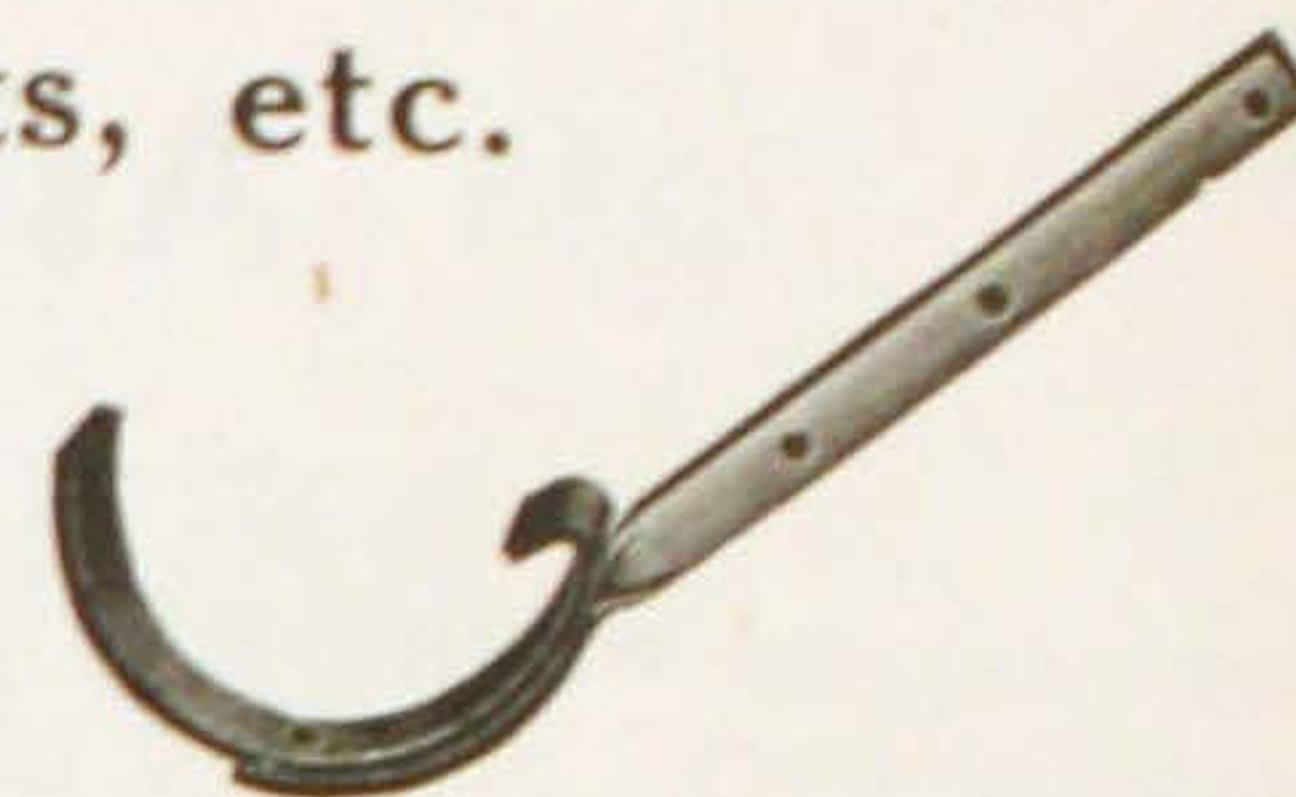
No. PHS 4070X
Rise and Fall Brackets.
Sizes 3" to 4½" ... 49/- gross.
Size 5" ... 50/- "



No. PHQ 4070K
Wall Bracket for Top of Rafter.
3" to 4½" 5"
Light ... 22/9 23/8 gross.
Heavy ... 29/9 29/9 cwt.



No. PHS 4070H
Half Round Driving Bracket.
3" to 4½" 5"
Heavy ... 33/3 33/3 cwt.



No. PHQ 4071X
Rafter Bracket with Clip.
To screw on side.
3½" to 4½" 37/8 5" 39/6 gross.



No. PHQ 4071T
Stamped O.G. Facia Bracket.
3", 3½", 4", 4½" 17/6 gross.
5" ... 18/6 "



No. PHQ 4071E
Facia Board Bracket.
3" to 4½" ... 20/8 gross.
5" ... 21/6 "



No. PHS 4070T
Rain Water Pipe Hook.
1" 3" 4" 5" 6" 1"
65/- 40/6 36/- 35/- 33/3
1½" 1½" 2" and up.
32/6 31/6 27/3 cwt.



No. PHS 4070B
Facia Bracket.
53/- per cwt.



No. PHS 4070A
Driving Bracket for Zinc Spout, 39/6 per cwt.



No. PHS 4070C
Square Iron Wall or Flashing Hook.
2" x 3/8" ... 52/6 cwt.



No. PHQ 4070D
Plain Spout Drive.
10" long, 7/8" x 1/4" or 3/8" x 1/4"
24/6 per cwt.



No. PHS 4070E
Holdfast or Stay Nail.
3" 3½" 4" 5" 6" & up.
32/6 31/6 29/9 29/- 28/-
per cwt.



No. PHS 4075
Machine Made Pipe Nails.
1/8" diameter.
Stock lengths, 2" up to 5"
26/3 cwt.



No. PHS 4070Z
Tinned Steel Pipe Clips.
1/4" 3/8" 1/2" 5/8" 3/4" 1"
2/4 2/8 3/- 3/6 3/10 5/2
1½" 1½" 2"
7/- 8/8 10/6 gross.



Twisted, Driving.



Wood Thread, Gimlet Point.

No. PHS 4072 14 Gauge.
Galvanized Cone Head Roofing Screws.

	2"	2½"	3"
Approx. Number to cwt.	25	22½	19 gross.
Wood Thread, Gimlet Point	77/-	71/6	71/6 cwt.
	2"	2½"	3"
Approx. Number to cwt.	—	26½	22½ gross.
Twisted, Driving...	—	52/6	52/6 cwt.



No. PHS 4073
Cheap Pattern.
Galv. Spout Bolt and Nut.
1/4" x 1/2" 3/4" 1" 1¼" 1½" 2"
2/- 2/- 2/2 2/4 2/6 3/1
per gross.
Stocked only in sizes 3/4", 1" and 1¼"



No. PHS 4074
Galvanized Mushroom Head Bolts and Nuts.
Dia. 1/2" 5/8" 3/4" 1" 1¼" 1½" 2"
2/9 2/9 2/9 3/1 3/4 3/8 4/4
1/8" ... — — 4/4 4/6 4/8 5/1 5/8
per gross.



No. PHQ 4070
Spout Bracket.
3½", 4", 4½" and 5"
35/- per cwt.



No. PHQ 4070U
Double Rain Water Pipe Hook.
Sizes 2", 2½", 3", 3½" and 4"
45/6 per cwt.



No. PHQ 4070R
Half Round Bracket to Screw-on Facia.
3" to 4½" 5"
Light ... 20/3 21/- per gross.
Heavy ... 35/- 35/- per cwt.

"Standard" Gutter Brackets

These Brackets are strongest just where others are weakest. Most Brackets depend upon a single rivet head which often takes the Gutter from its proper bearing, is liable to rust, pull out and let the Gutter sag and fall, causing damp walls, spoiled wall paper and ceilings—perhaps a nasty accident.

Fit Standard Gutter Brackets. Every one is stamped in one piece out of solid steel of heavy gauge, with three screw holes for fixing. Owing to mass production we are now able to supply these almost as cheaply as ordinary Gutter Brackets.

No. PHS 4037 "Standard" Half Round Facia Brackets.
Sizes 3" to 5" ... 25/6 gross.
" 6" ... 2/4 dozen.
Size 6" ... 37/6 gross.
" ... 3/6 dozen.

No. PHS 4038 "Standard" O.G. Facia Bracket.
Sizes 3" to 5" ... 30/6 gross.
" ... 2/9 dozen.
Nottingham Pattern Ditto.
Sizes 3" to 4½" ... 32/- gross.
" ... 3/- dozen.
Size 5" ... 33/6 gross.
" ... 3/2 dozen.

No. PHS 4039
Improved "Standard" Half Round Rafter Bracket.
Sizes 3" to 5" ... 50/- gross.
" ... 4/6 dozen.

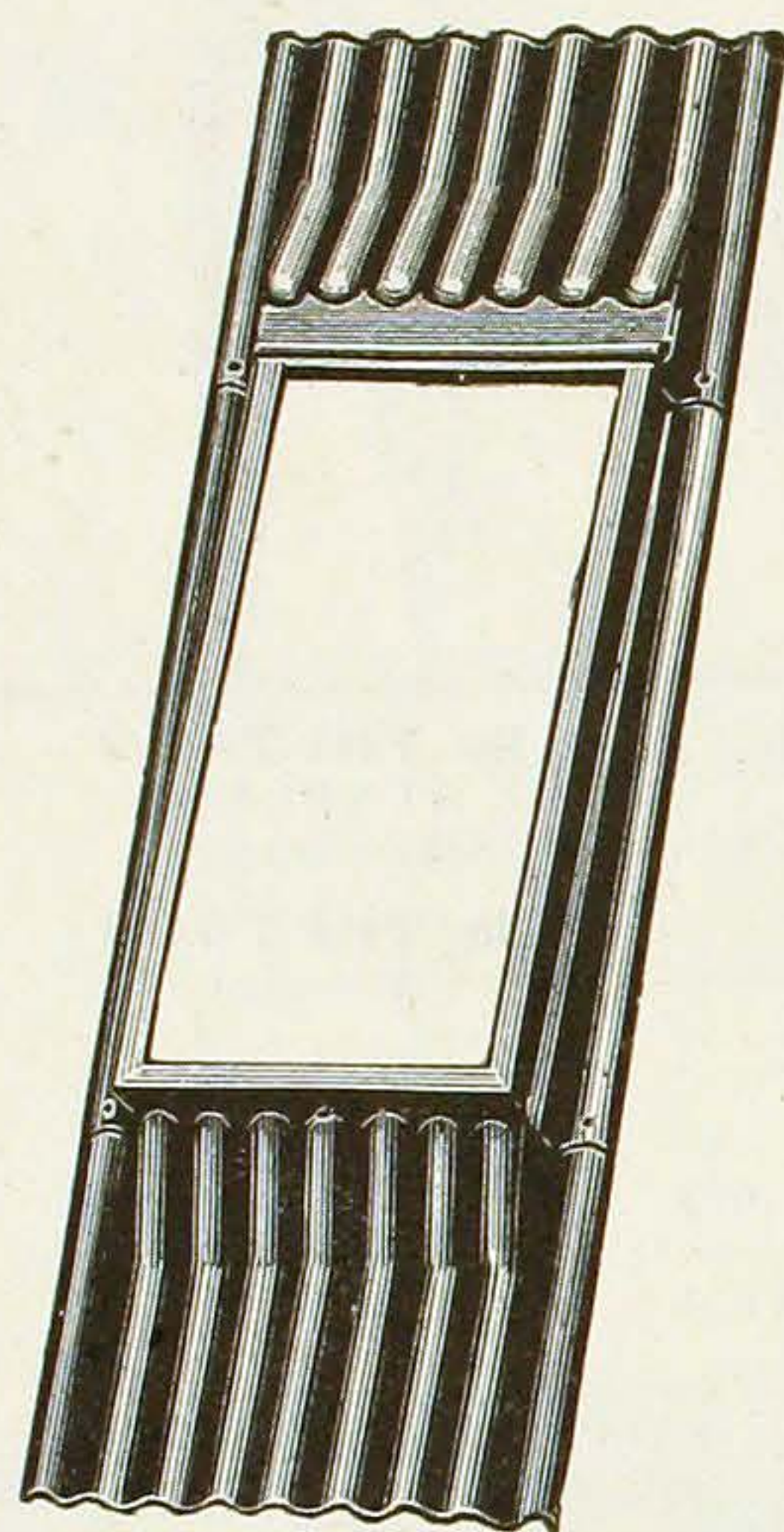


No. PHS 4037
"Standard"
Half Round Facia Bracket.

No. PHS 4038
"Standard"
O.G. Facia Bracket.

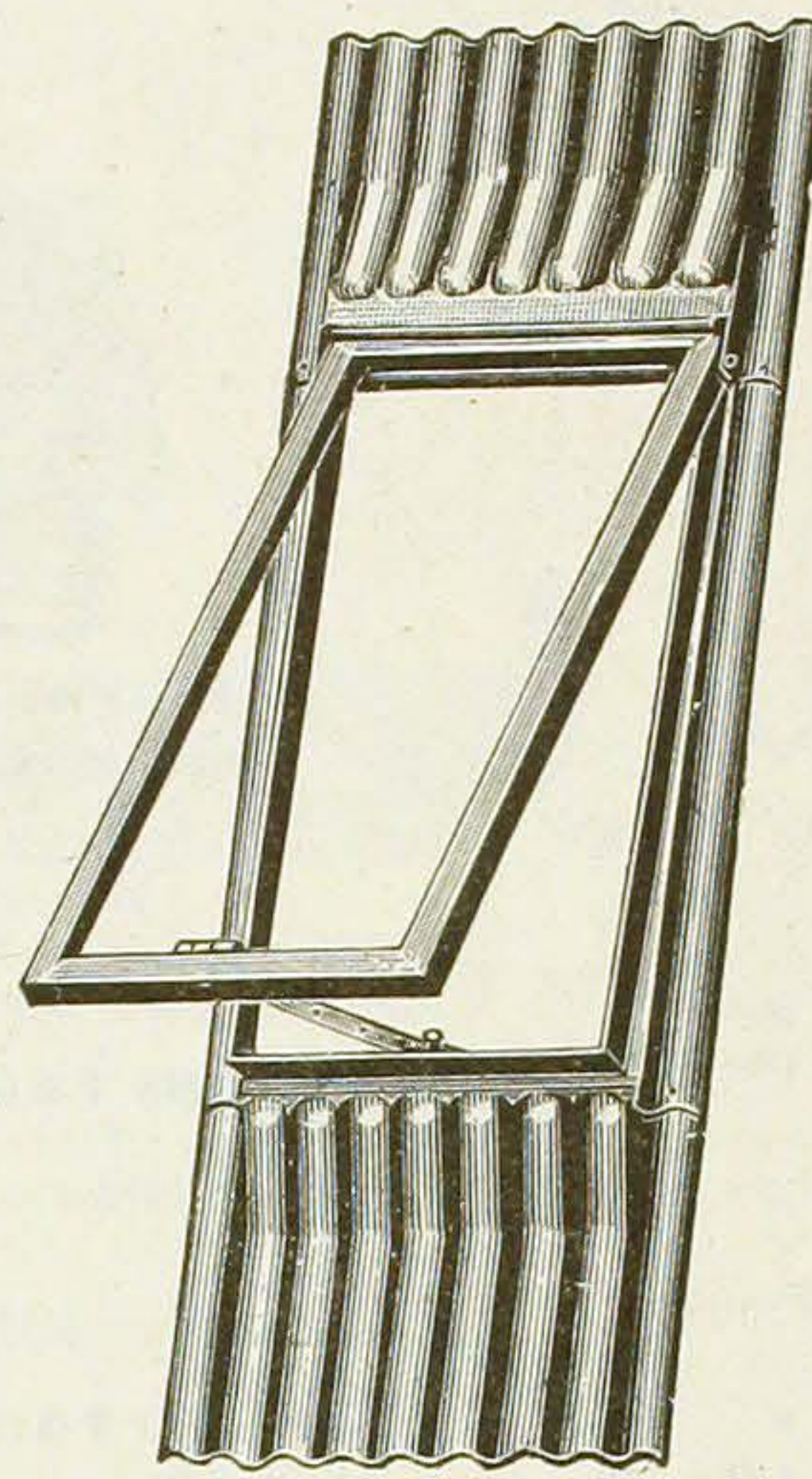
The "SPHERE" Galvanized Corrugated Skylights

(Patented).



No. PHQ 7387

Storm Proof.
Unbreakable.
Galvanized after
Manufacture.
No Putty or Solder
required.
Simplest and
quickest to glaze.
No lodgment
for Water.



No. PHQ 7386

Prices of No. 24 Gauge.

With 3" Corrugations For Sheets to cover the usual width of 2' when fixed.

	In Sheets	5'	6'	7'	8'	9'	10' long.
No. PHQ 7387	Deadlight (fixed)	18/9	20/4	22/-	23/8	25/2	26/10 each
No. PHQ 7386	Skylight (to open)	29/3	30/6	32/2	33/8	35/4	37/- "

Extra: If fitted with Pulleys to open with Cord, 3/6 extra.

" " " centre Bar for two panes, 2/5 each extra.

Exclusive of Glass. Daylight area of above, 36 x 18"

FLAT TYPE GALVANIZED CORRUGATED SKYLIGHTS.

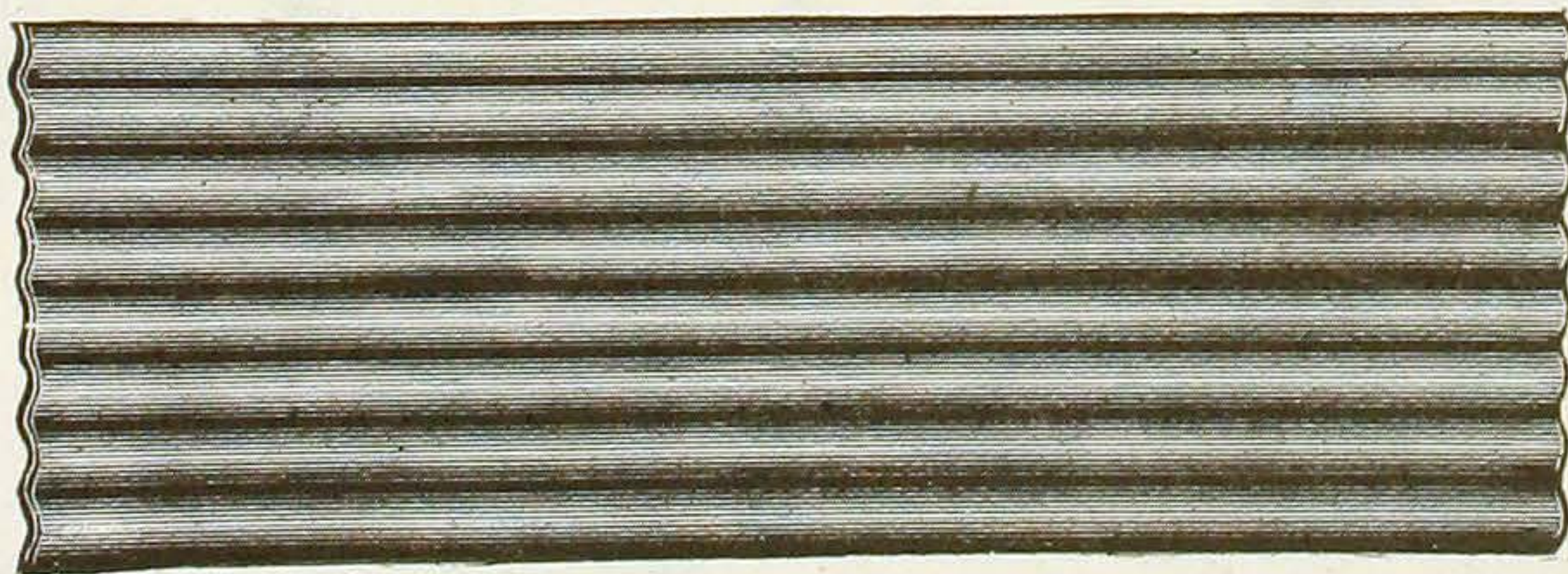
	In sheets	5'	6'	7'	8'	9'	10' long.
No. PHS 7390	Deadlight (Fixed)	13/-	13/6	14/6	15/-	16/2	17/- each.
No. PHS 7391	Skylight (To open)	18/3	19/6	20/-	21/3	22/-	24/6 "

The Lights can be made of any dimensions adapted to the size of corrugated sheet used. The glass is secured by simply sliding back the frame and fastening it with two bolts. The Galvanizing after manufacture ensures durability: such Lights are far superior to any made up of galvanized sheets.

We can quote for 22 gauge Skylights, also for Curved Skylights if required.

The size of glass needed is for both Fixed Lights and opening Lights, 35 1/4" x 17 1/8". The glass should on no account be less in width than the size given; it should slightly overhang the bed on which it rests at each side.

Galvanized Corrugated Sheets



24 gauge, eight 3" corrugations 2' 0" wide when fixed.

Stock sizes are from 4' 0" to 10' 0", 24 and 26 gauge x eight 3" corrugations in width.

We carry a heavy stock of 24 and 26 G.

As prices vary practically from day to day, special quotations will be given on receipt of enquiries.

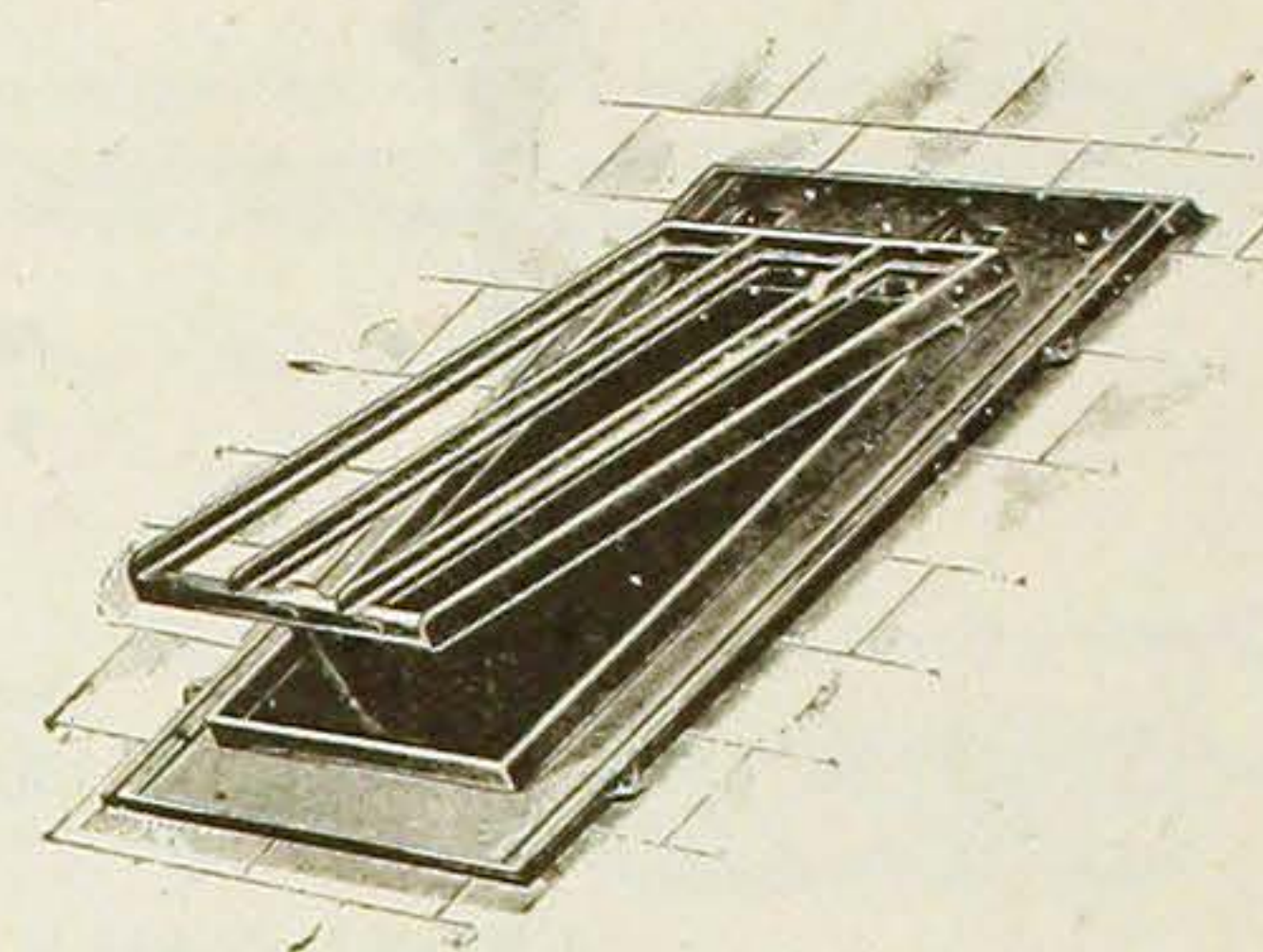
No. PHS 7381

Approximate Number of sheets to the ton.

	5'	6'	7'	8'	9'	10'	5'	6'	7'	8'	9'	10'
20G	115	96	82	72	64	57	19 1/2	23 1/4	27 1/4	31	35	39 1/4 lbs.
22G	135	113	97	85	76	68	16 1/2	19 3/4	23	26 1/2	29 1/2	33 lbs.
*24G	166	140	120	103	91	82	14	16	19	22	24 1/2	27 1/2 lbs.
*26G	218	182	156	137	122	109	10 1/2	12 1/2	14 1/2	16 1/2	18 1/2	20 1/2 lbs.

*Stock gauges.

Cast Iron Skylights with Wrought Iron Staybar



Best Make, Painted.

Extra Strong.

Can be fixed to the Rafters.

No Flashing required.

Can be fitted with Stays, to open with Cords, if desired, at a small extra cost.

No. PHS 5210

THE BEST SKYLIGHT MADE.

EXTRA DEEP FRAMES.

Width and height.	Skylight. (To open.)	Deadlight. (Not to open.)
12" x 16"	12/-	7/2
13" x 18"	13/2	7/2
14" x 20"	13/10	8/-
16" x 24"	15/9	10/-
18" x 24"	15/9	10/6
18" x 30"	21/3	11/10
18" x 36"	24/6	15/-
24" x 30"	26/3	13/-
24" x 36"	26/3	18/6
30" x 42"	35/6	21/3
30" x 50"	41/6	—
36" x 42"	40/3	25/8

The size given is the size of light.

Special quotations for quantities.

We can also quote for larger sizes (made in sections and fitted together on job) and Continuous Roof Lights.

Galvanized Ridging



No. PHS 7382

Plain Roll Top. 6' 0" x 1' 3" girth.

24 G	...	Price 2/2 per length.
*26G	...	Price 1/10 " "

*Stock gauge.

Frost Nails and Studs, Roofing Nails, Screws, etc.

No. PHS
7398



No. PHQ
7399



FROST NAILS.

No. PHS 7398 Hand Made Best Steel (Heads hardened) heavy Concave.

Size	4	6	8	10	12	14
	1 1/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"
Price	249/9	202/6	173/3	154/6	141/-	130/6
	2/3	1/10	1/7	1/5	1/4	1/3

per cwt.
per lb.

As above, but Light Concave—Price ... 4/- 4/2 5/- 5/8 6/2 7/5 per gross.

No. PHQ 7399 Bright Machine Made (Heads hardened). Pointed ready for use.

Size	3	4	5	6	7	8
Price per gross	1/8	1/8	2/2	2/3	2/6	2/9
Size	9	10	11	12	13	14
Price per gross	3/2	3/2	3/8	4/2	4/6	5/2

No. 5 and larger, packed in 25 lb. boxes, 1/6 per lb.

For GUTTER SCREWS, see page 483.

No. PHS 7400
FROST SCREWS



Best Steel.
Hardened.

No. PHS 7401
FROST COGS.



Best Steel
Hardened.

No. PHS 7402
STAPLES.

Galvanized.

No. PHS 7403
Wrought.



FROST SCREWS.

No. PHS 7400 Size

Concave Head	4/6	4/8	5/-	6/9	8/6	11/9
Chisel Head or Blunt Head	4/3	4/5	4/6	6/5	8/-	11/5

per gross.

FROST COGS. Self Fastening.

No. PHS 7401 Size

Low Chisel	4/2	4/6	5/8	7/2	9/5
High Chisel	4/6	4/11	6/5	8/3	10/6
Low Blunt	4/6	4/11	6/5	8/3	10/6
High Blunt	5/-	5/5	7/3	9/2	11/5

per gross.

No. PHS 7402

STAPLES.

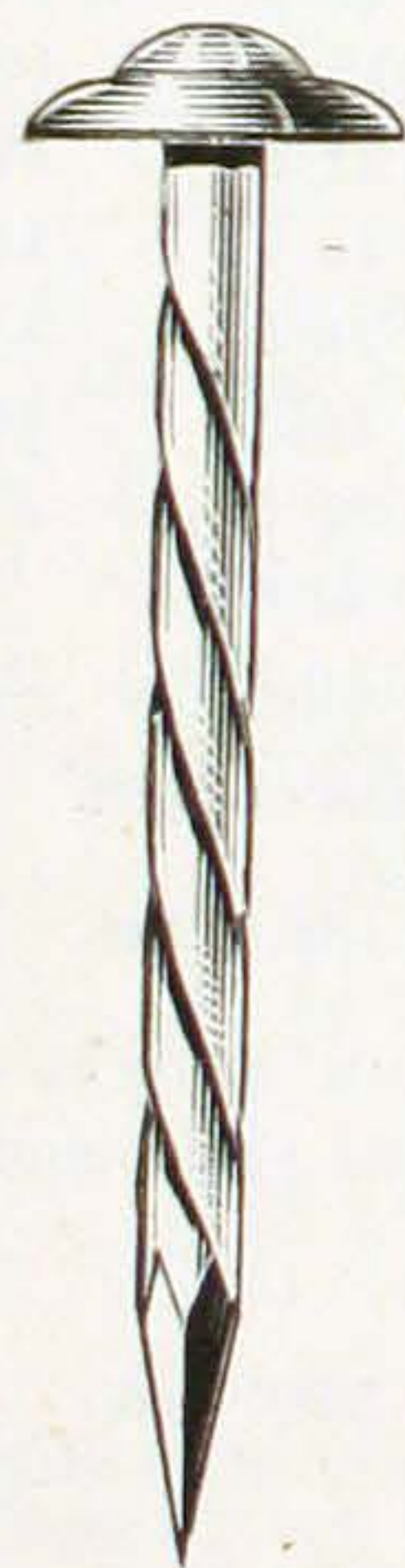
Galvanised, Slice Cut.

Size	3/4" x 14G.	1" x 12G.	1 1/4" x 9G.	2" x 6G.	1 1/2" x 8G.
Price	41/3	31/6	27/-	26/3	26/8
	5d.	4 1/2 d.	4d.	4d.	4d.

per cwt.
per lb.

No. PHS 7403 Wrought.

Assorted sizes, 2", 2 1/2", 3", 4" and up 39/9 per cwt, 5 1/2 d. per lb.



Galvanized
Washer-Head
Roofing Nails.

No. PHS 7392



No. PHS 7383
Galvanized
Cone-Head Roofing
Nails.

Chisel Pointed.

No. PHS 7392

Galvanized Washer-Head Roofing Nails.
Size 2 1/2" x 6 W.G. Price 3/9 gross nett.

Do., lighter, twisted shank, 2/-

No. PHS 7383

Galvanized Cone-Head Roof Nails.
Chisel pointed, as illustration, 2", 2 1/2" and 3"
30/- per cwt. 4 1/2 d. per lb.



Galvanized Washers.

No. PHS 7393 Round.

No. PHS 7394 Diamond

Curved.

No. PHS 7395 Lead.

Galvanized Washers.

No. PHS 7393 Round.

3/4" x 14 G. with 1/4" hole.
39/9 cwt, 5 1/2 d. per lb.

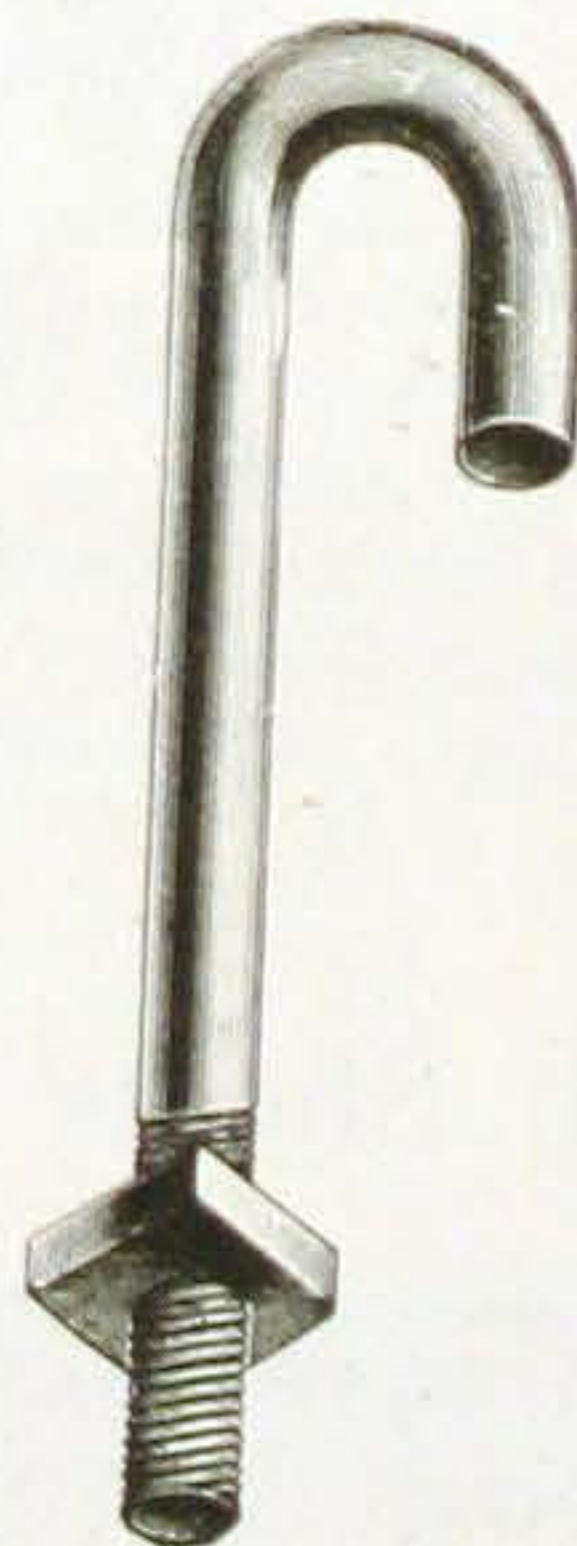
No. PHS 7394

Diamond Curved.

1 1/2" x 1 1/2" x 14G.
41/6 cwt, 5 1/2 d. per lb.

No. PHS 7395

Lead "Limpet" Patent
Washers for 1/4" screws.
2/6 per gross.



Galvanized
Hook Bolts and
Nuts.

No. PHS 7396

Galvanized
Cone-Head Drive
Screws.

No. PHS 7397

Galvanized
Cone-Head Roofing
Screws.

No. PHS 7384

Galvanized
Eye Straining
Bolts.

Complete with
Nut and Washer.

No. PHS 7380



*Stocked only in sizes 3 1/2" to 5" — 1/4" diameter.

No. PHS 7396 GALVANIZED HOOK BOLTS AND NUTS.

Length	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"
Dia.	3/4"	5/9	6/4	6/7	6/10	7/1	7/5	7/8	8/1	8/5	8/8
	5/16"	7/11	8/5	8/11	9/3	9/8	10/3	10/9	11/4	11/10	12/4

Per gross.

No. PHS 7397 GALVANIZED CONE HEAD DRIVE SCREW.
Size 2 1/2" and 3" x 14G. 45/- per cwt. 6d. per lb.

No. PHS 7384 GALVANIZED CONE HEAD ROOFING SCREW.
Size 2" and 2 1/2" x 1/4" 66/- per cwt, 8 1/2 d. per lb.
Size 3" x 1/4" 61/2 per cwt, 8d. per lb.

No. PHS 7380 GALVANIZED EYE STRAINING BOLTS.

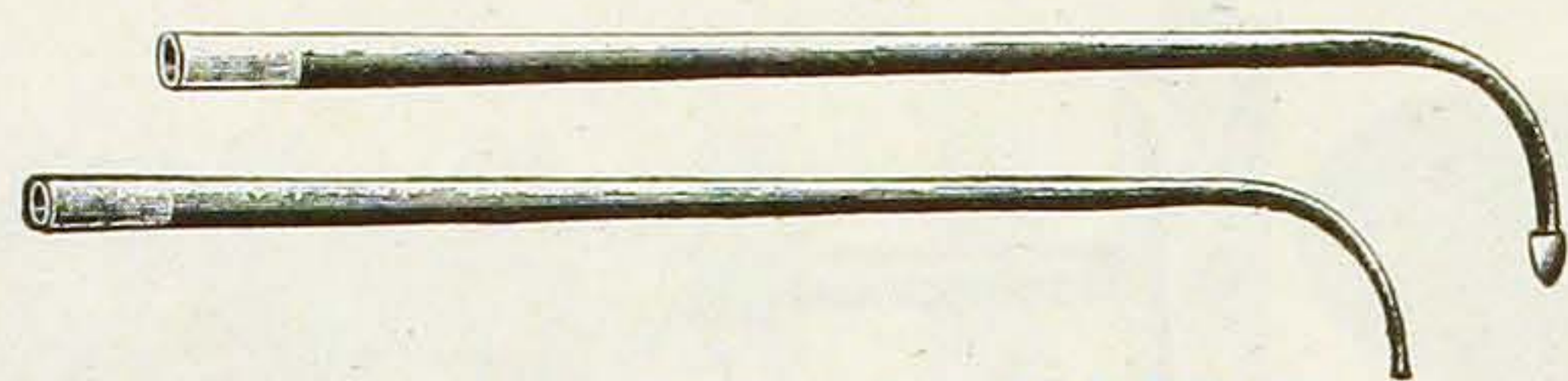
Length	6"	8"	8"	10"	10"	12"	12"	15"	18"
Diam.	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
	13/6	19/3	25/3	36/6	44/3	40/-	48/9	56/-	63/6

gross.

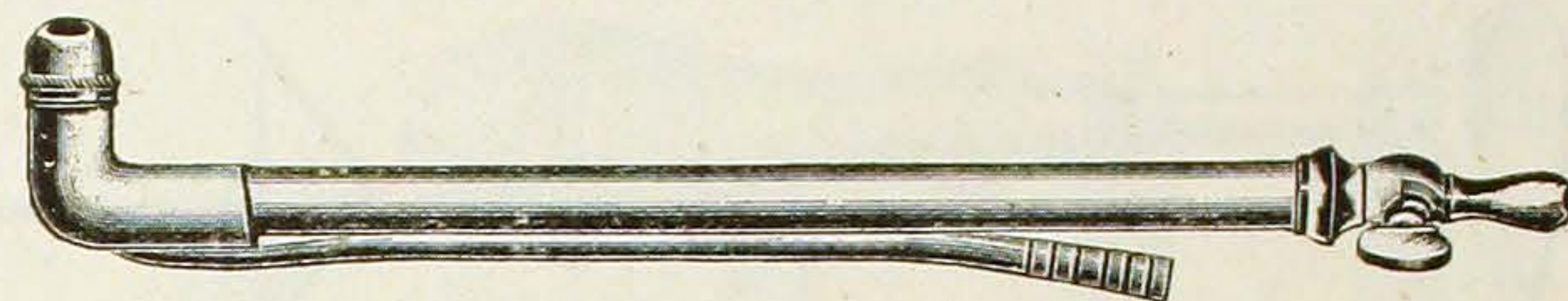
"A" Basis.

PHS—Stock Lines in most sizes; PHQ—Quick delivery.

Plumbers' Tools



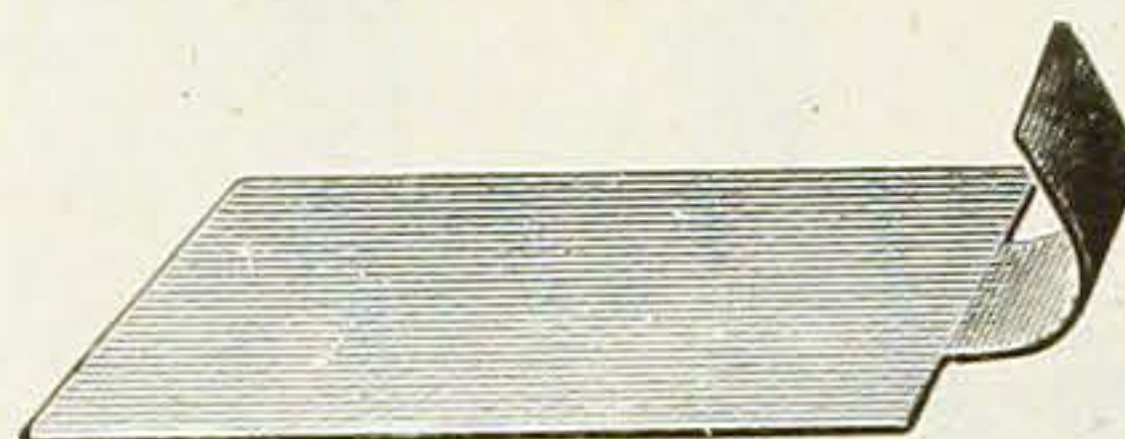
Mouth Blow Pipes. **No. PHS 7211**
(Tinned Ends.) Ball Ends.
8" 9" 10" 12"
7d. 8d. 9d. 10d. each.



Gas Blow Pipes. **No. PHS 7212**
Diam. ... 3/8" 1/2" 5/8"
6/- 9/- 11/3 each.



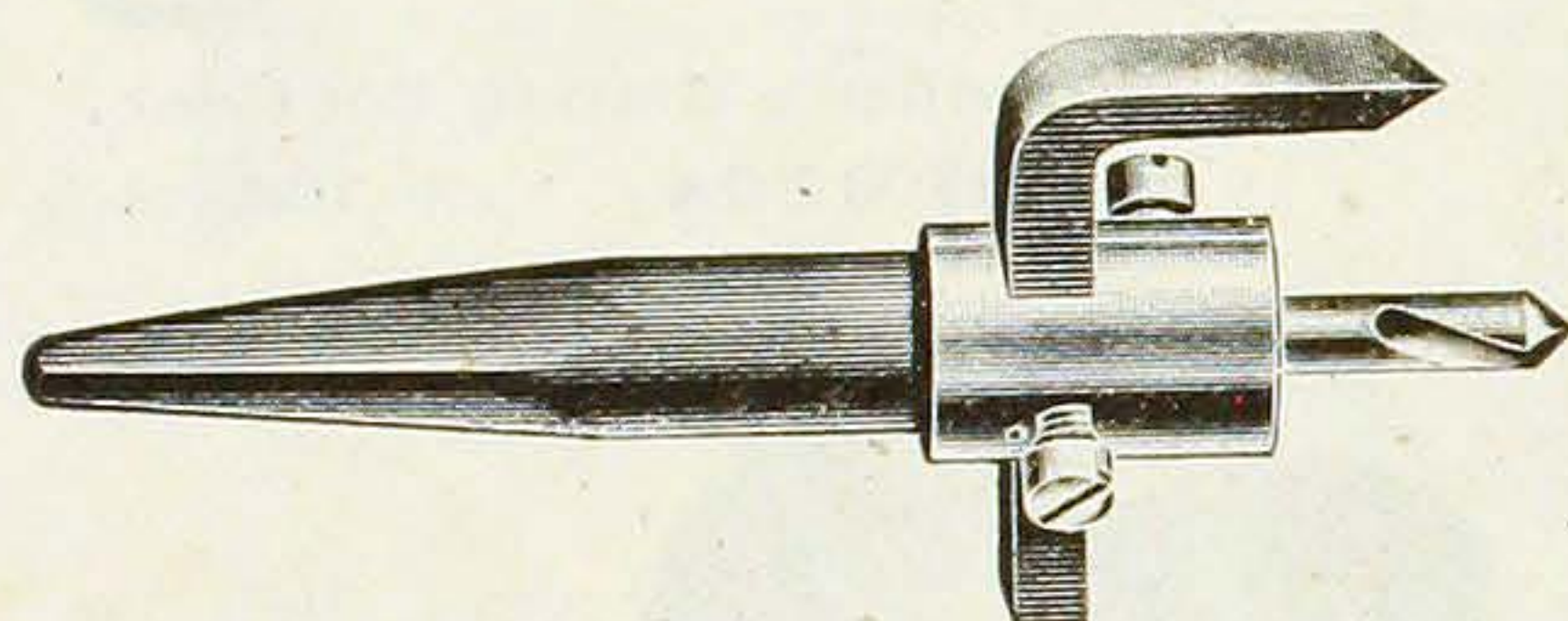
No. PHS 9783
Plumbers' Dummies.
Assorted Heads. Malacca Cane Handles.
Short Cane, 4/8 each. Long Cane, 5/5 each.



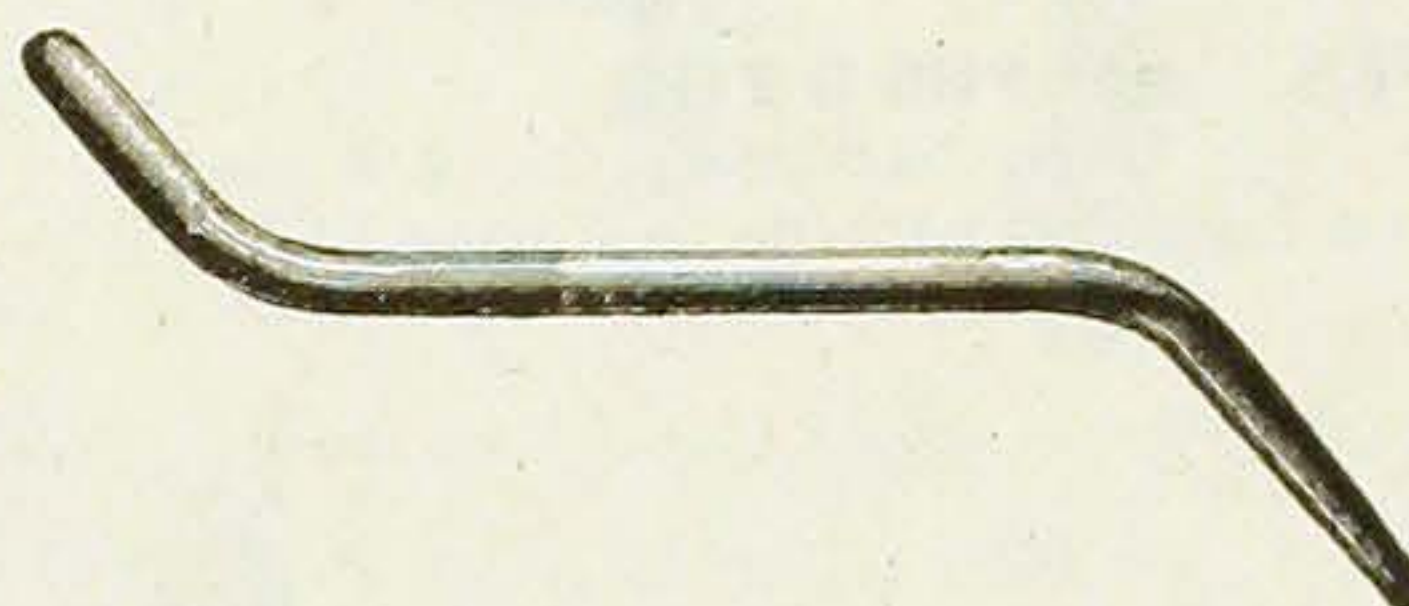
Steel Drip Plates.
No. PHS 9784
6" x 4" ... 2/5 each.



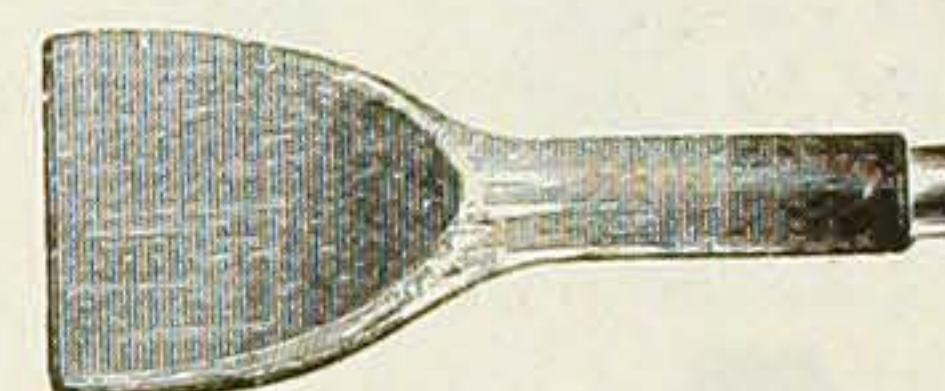
Brass Blow Lamps or Torches. **No. PHS 9785**
These Blow Lamps can be used with advantage as a Torch when working in dark places by unscrewing the large top. With Tube Mouthpiece. No. 1 size is without Screw Top.
Size Nos. ... 1 2 3 4 5
Diameter ... 1" 1" 1 1/2" 1 1/2" 1 1/2"
Length ... 4 1/2" 4 1/2" 4 5/8" 5 1/4" 8 1/2"
2/2 2/8 3/2 3/11 4/5 each.



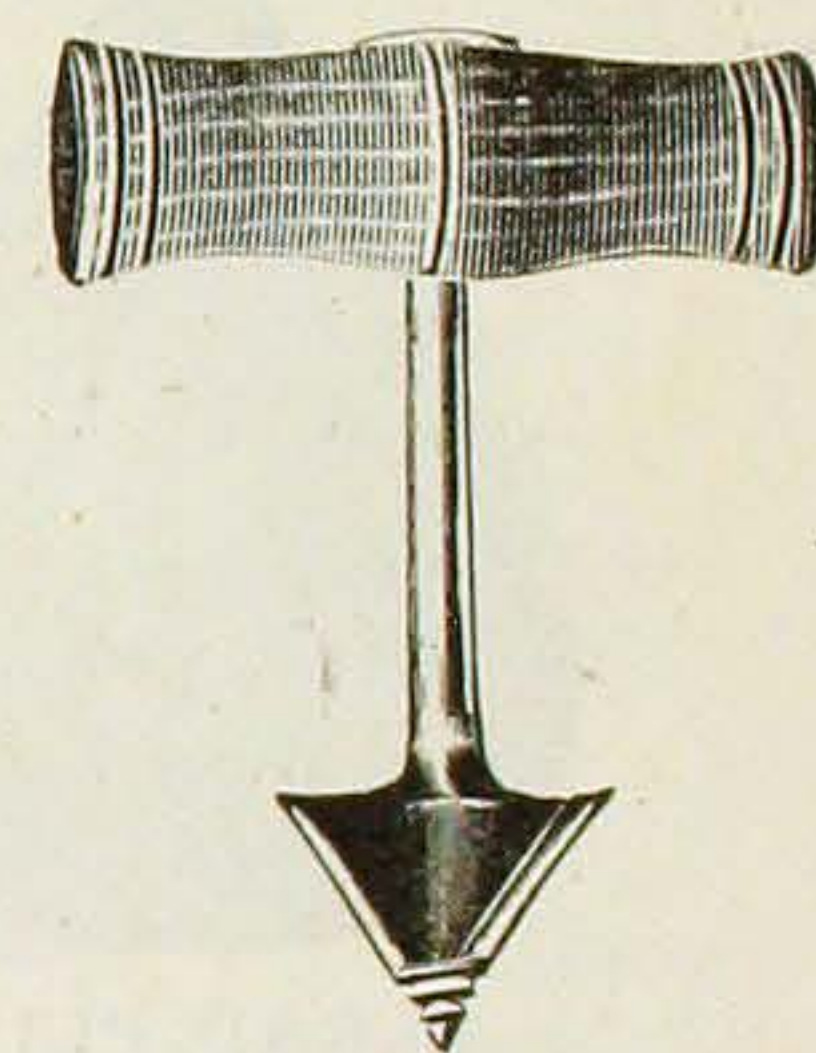
Tank or Boiler Cutters.
No. PHS 9786
For ordinary Brace. Cuts holes to 3" diam., 7/6 each.



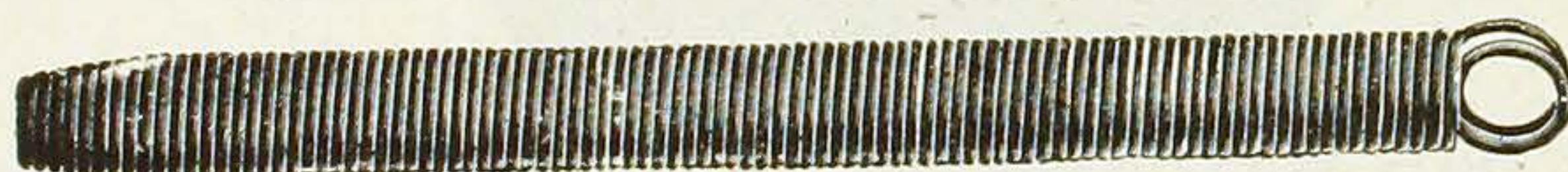
Steel Bending Bolts.
No. PHS 9787
9" 12" 14" 16"
1/8 1/11 2/5 2/11 each.



Chase Wedges.
No. PHS 9788
Boxwood, Ferruled, front or side, Bent.
2" 2 1/2" 3" 3 1/2" 4"
1/8 2/- 2/4 2/11 3/8 each.



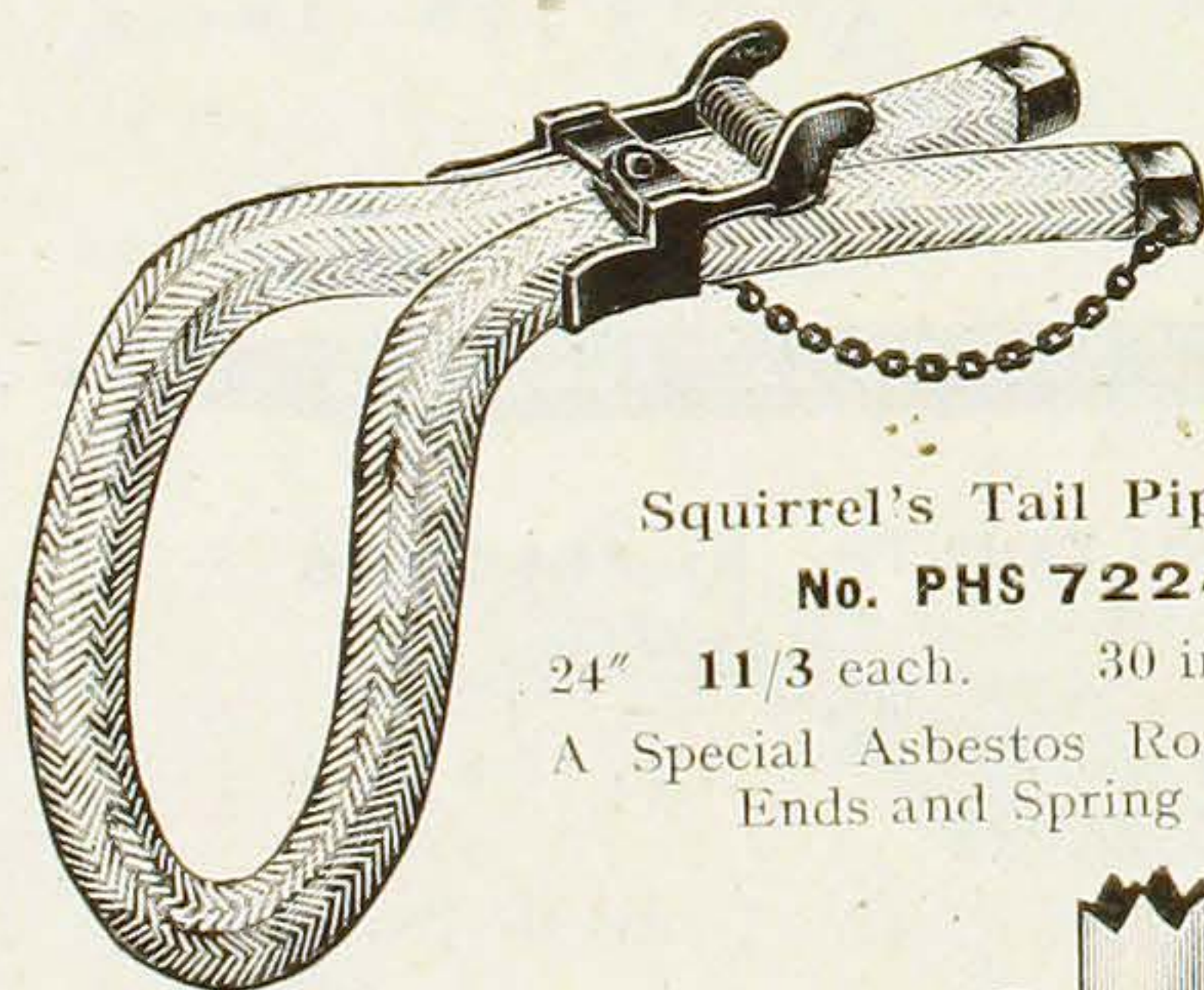
Wall Plugging Chisels.
No. PHS 9789
10" x 5/8" ... 2/2 each.



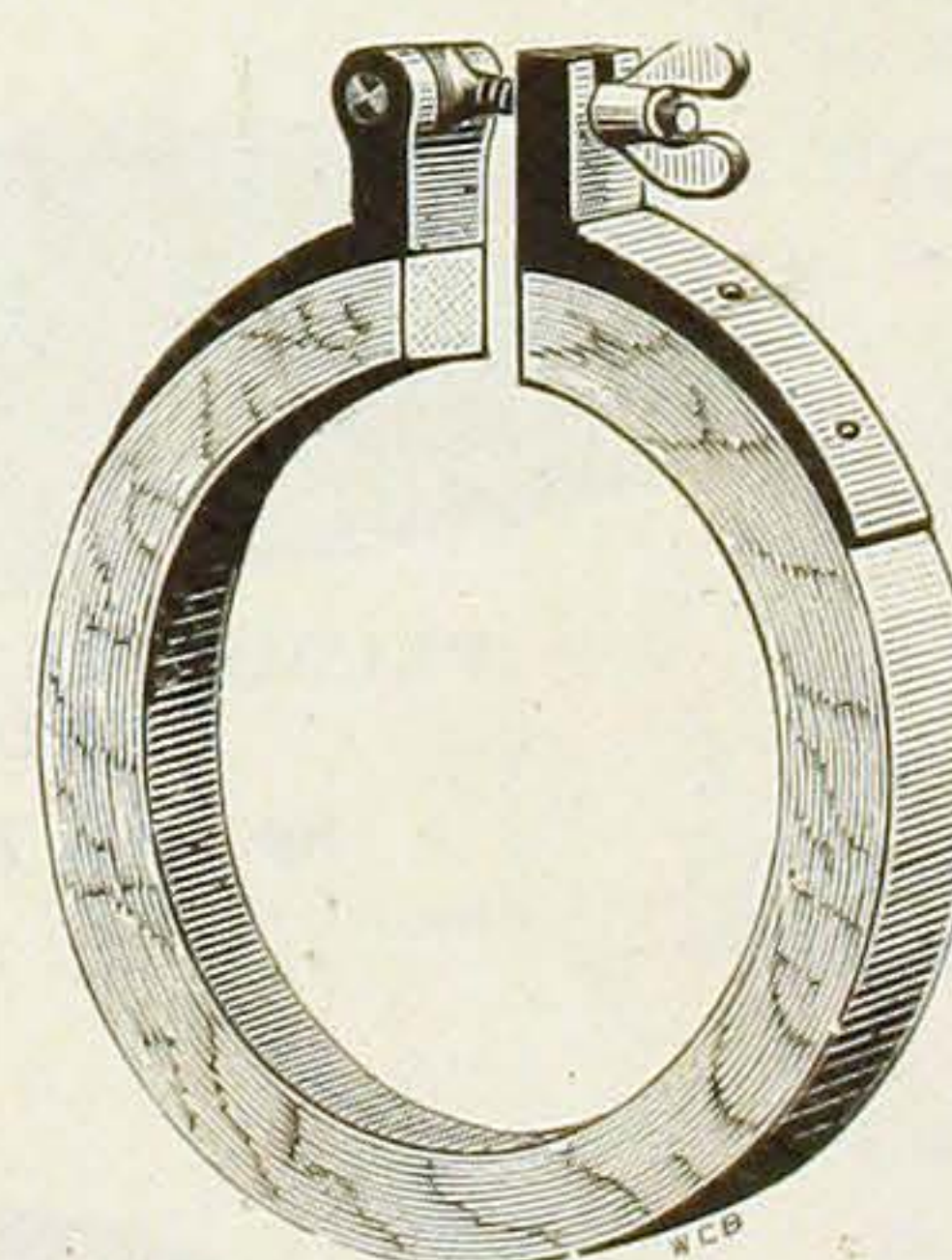
Spring Pipe Benders. **No. PHS 7220**
Black Japanned ... 1" 1 1/4" 1 1/2" 2"
3/- 3/9 4/6 6/- each.
Bright Steel ... 9/5 10/6 12/9 15/- "
Bright Steel with Handle ... 12/5 14/- 16/6 18/9 "



Mandrils **No. PHS 7221**
Small sizes Boxwood. Large sizes Lignum Vitae.
Diam. ... 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4"
Length ... 5 1/2" 6" 7" 8" 10" 12" 13" 15"
Each ... 11d. 1/5 1/10 2/10 6/- 9/- 12/- 15/9

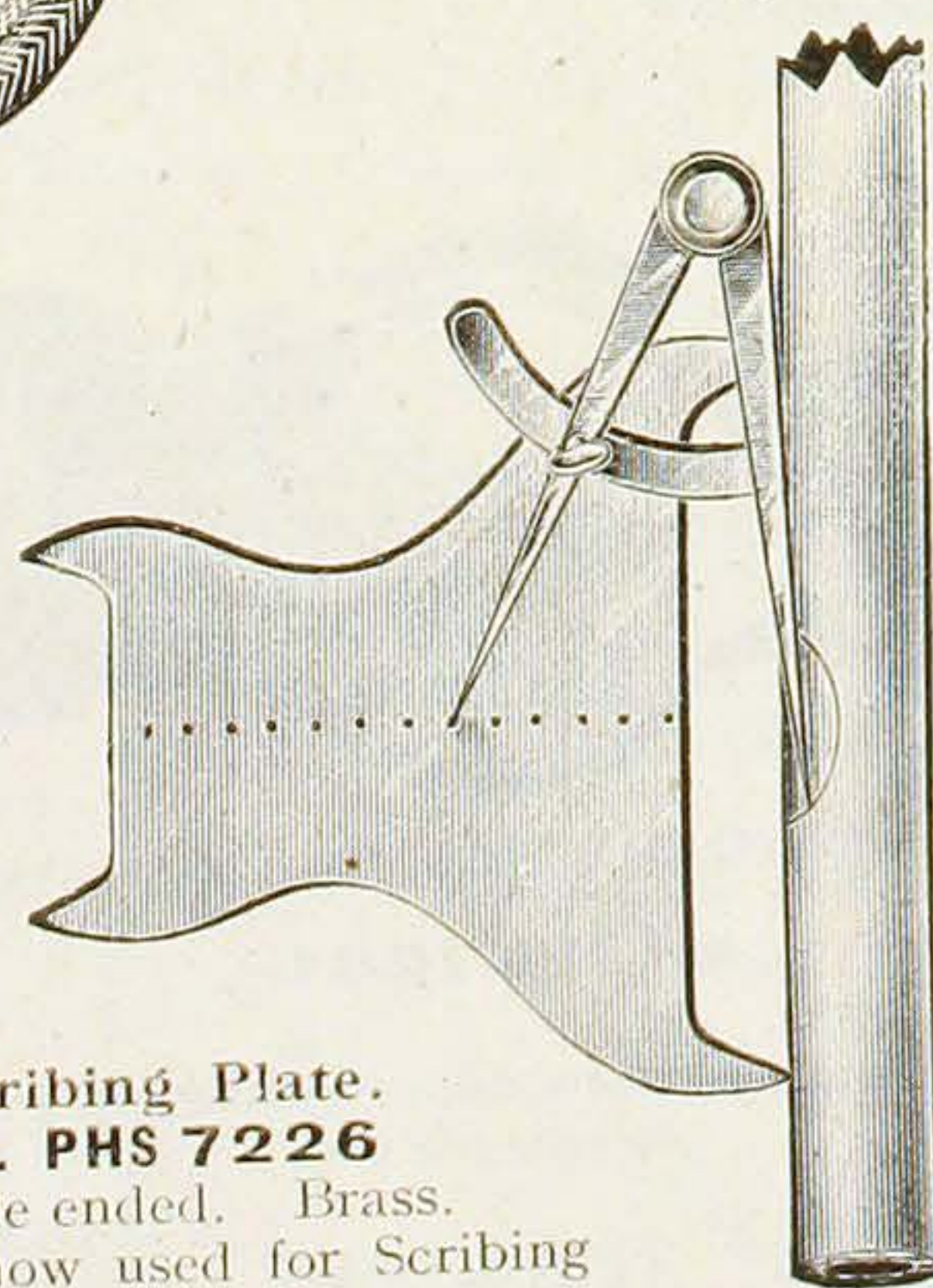


Squirrel's Tail Pipe Clamp.
No. PHS 7224
24" 11/3 each. 30 in. 12/9 each.
A Special Asbestos Rope with Steel Ends and Spring Clips.

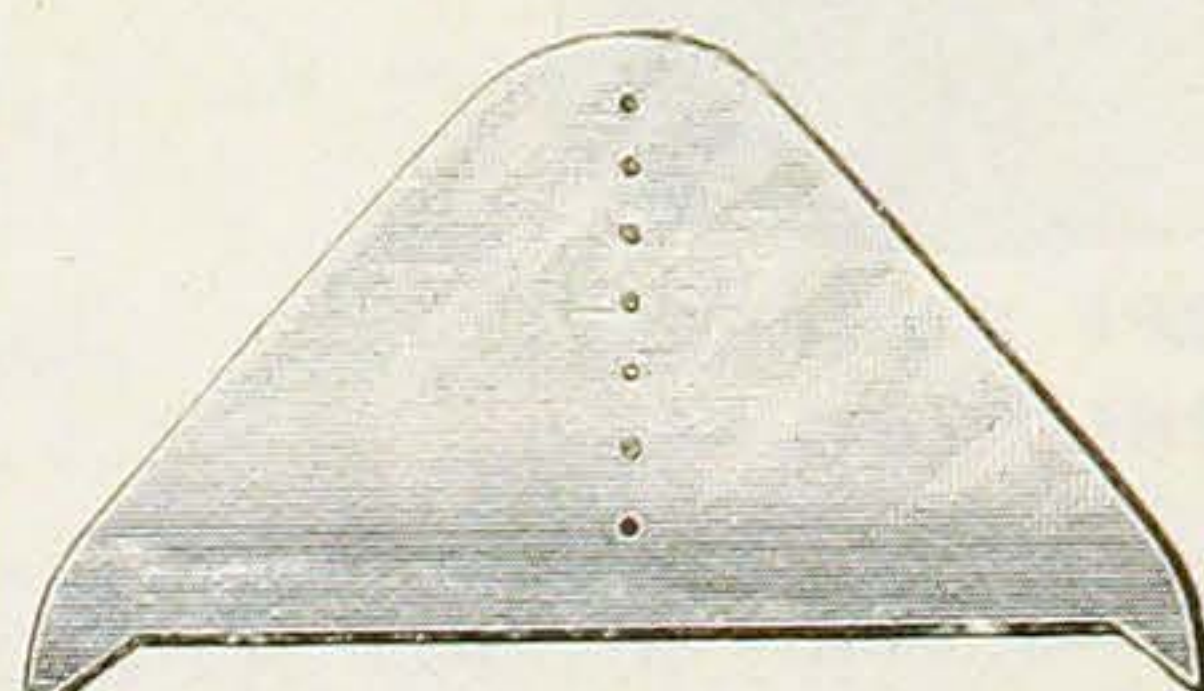


Asbestos Elastic Pipe Clips.
No. PHS 7225

For running lead joints. Cannot blow out, can be used in wet weather.
A great labour and material saving appliance.
2" 2 1/2" 3" 4" 5" 6" 7" 8" 9" 10"
17/5 18/- 18/4 19/2 20/5 21/11 26/5 29/5 31/10 34/2 each.



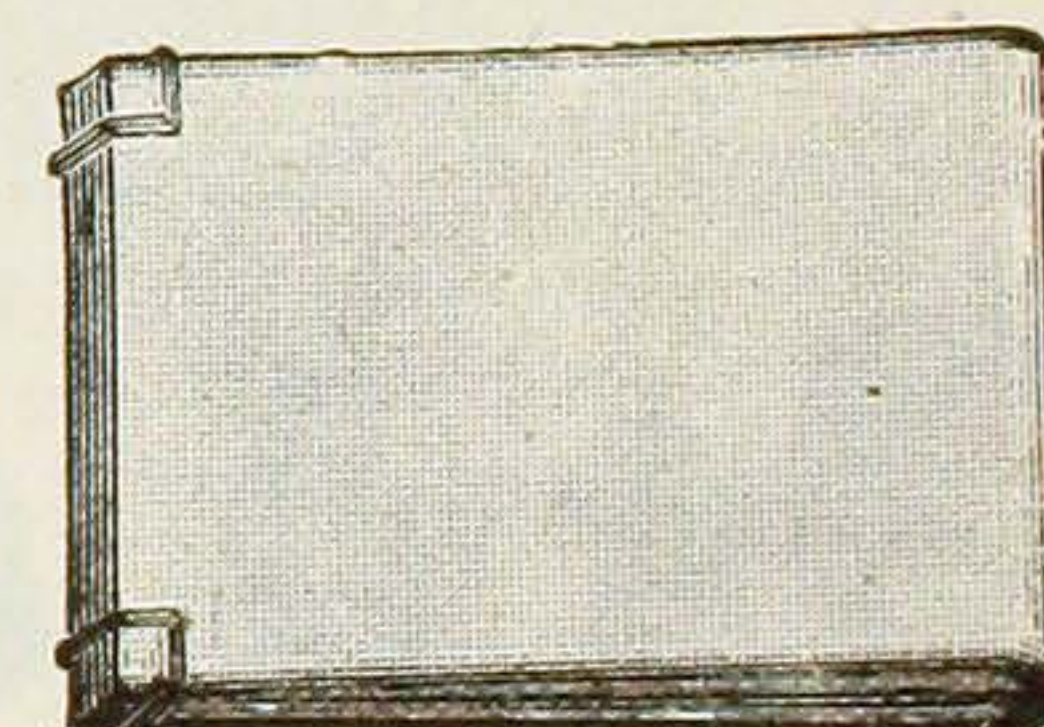
Scribing Plate.
No. PHS 7226
Double ended. Brass.
Showing how used for Scribing pipes with a pair of Compasses.
Price ... 3/2 each.



Scribing Plate.
(Bright Steel).
No. PHS 7226
4 1/2" 6 1/2"
2/10 3/2 each.



Copper Soil Pots.
No. PHS 9790
Seamless.
5d. each.



Plumbers' Moleskin.
No. PHS 7222
Best heavy white, also fawn colour, 30" wide, 8/3 per yard.

Plumbers' Wiping Cloths.
No. PHS 7223

2 1/2" x 1 1/2"	...	9d. each
3" x 1 1/2"	...	10d. "
3" x 2"	...	11d. "
3" x 2 1/2"	...	1/1 "
3" x 3"	...	1/4 "
3 1/2" x 1 1/4"	...	1/- "
3 1/2" x 2"	...	1/1 "
3 1/2" x 2 1/2"	...	1/4 "
3 1/2" x 3"	...	1/6 "
3 1/2" x 3 1/2"	...	1/7 "
4" x 2 1/2"	...	1/6 "
4" x 3"	...	1/7 "
4" x 3 1/2"	...	1/9 "
4" x 4"	...	1/9 "
4 1/2" x 2 1/2"	...	1/9 "
4 1/2" x 3"	...	1/11 "
4 1/2" x 3 1/2"	...	2/2 "
4 1/2" x 4"	...	2/4 "
4 1/2" x 4 1/2"	...	2/5 "
5" x 4"	...	2/7 "
5" x 4 1/2"	...	2/9 "

Plumbers' Tools.



Best Quality Strong Pattern.
Heart Shape Shave Hooks. No. PHS 9791 ... 1/7 each.
Three-Square Shape Shave Hooks. No. PHS 9791 ... 1/7 each.
For Lighter Patterns, see page 485.

Plumbers' Soil Pipe or Gauge Hook.
No. PHS 9792 ... 1/11 each.

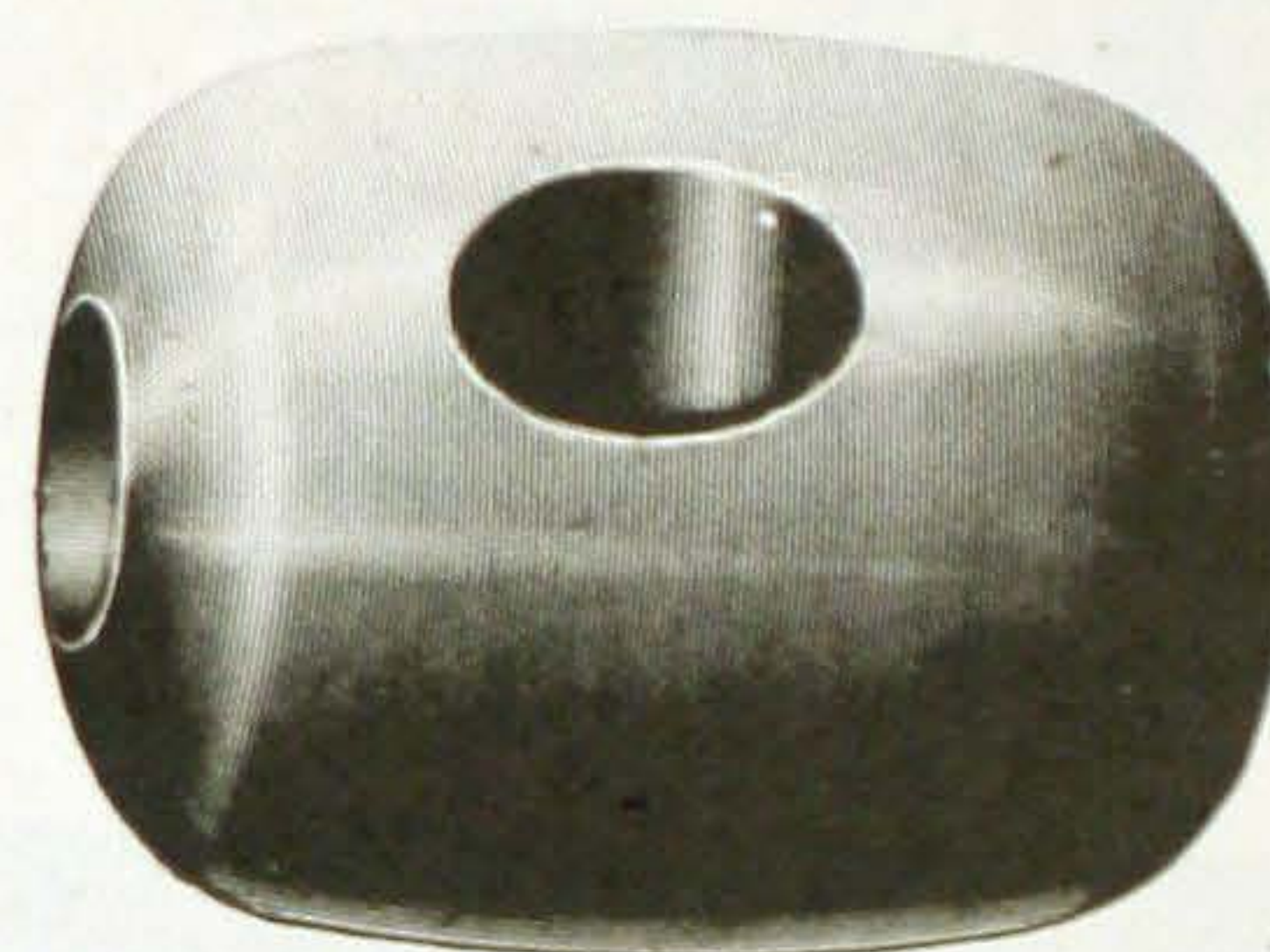


Best Quality Strong Pattern LEAD KNIVES. No. PHS 9793
Short ... 2/1 each.
Chipping Knives, Leather handled, 3/2 each. Long handled ... 2/5 each.
For Lighter Patterns, see page 485.

Plumber's Melting Pot Hook.
No. PHS 9794 ... 10d. each



LEAD PLUMBOBS. No. PHS 7232
Sizes ... 4 oz. 8 oz. 12 oz. 1 1/4 1 1/2 2 2 1/2 lb.
10d. 11d. 1/1 1/5 1/9 1/11 2/5 2/11 each.

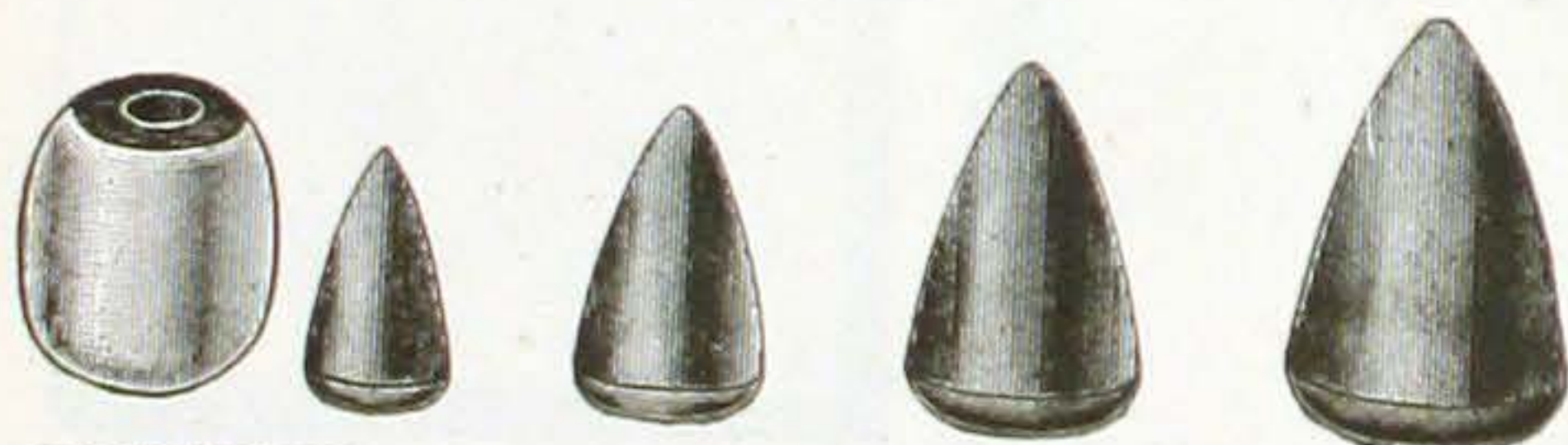


Oval Hole in side to insert knot of rope. Round hole reverse side to assist extract of knot.

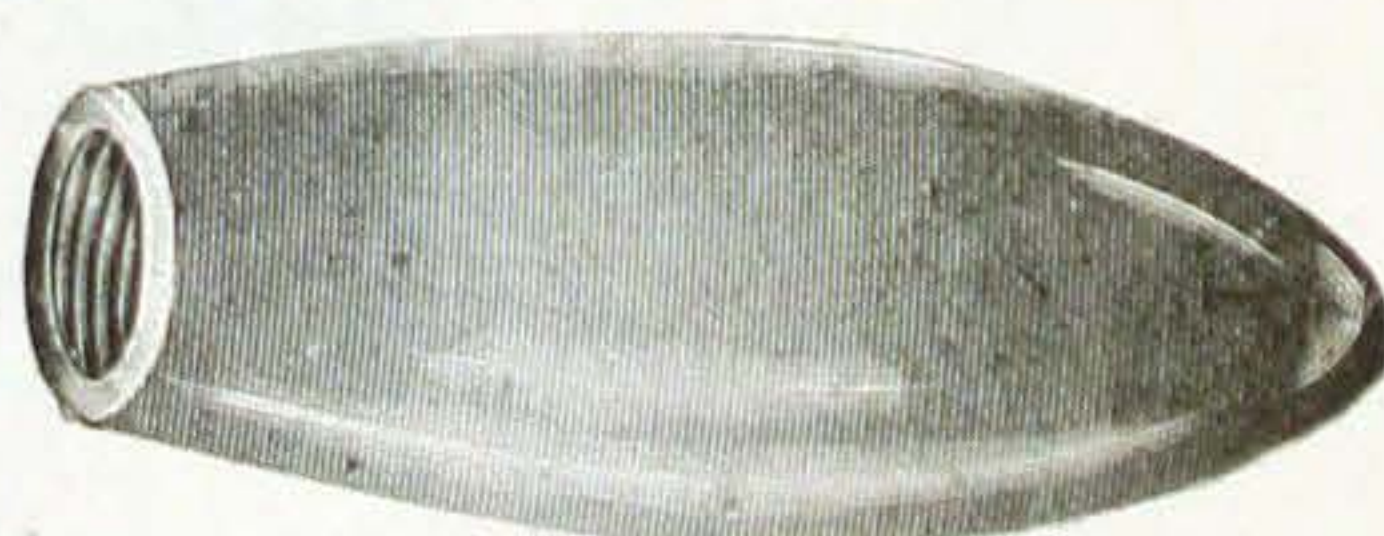
BRASS PLUMBOBS. No. PHS 7233
Size ... 00 0 1 2 3 4 5 6
1 1/2 2 1/2 3 1/2 4 1/2 6 1/2 9 10 1/2 12 oz.
1/5 1/5 1/9 2/1 2/7 3/4 3/9 4/7 each.

IRON FOLLOWERS. No. PHS 7234
For pipe ... 1 3/16 1 7/8 2 3/4 3 1/4
1 1/4 - 1 1/2 2 - 2 1/2 3 - 3 1/2 3 1/2 - 4
11d. 1/8 3/2 3/11 each.

BEECH FOLLOWERS. No. PHS 7235
1" 1 1/4" 1 1/2" 2" 3 1/2" 3" 3 3/4" 4"
6d. 7d. 7d. 11d. 1/1 1/4 1/5 1/8 each.



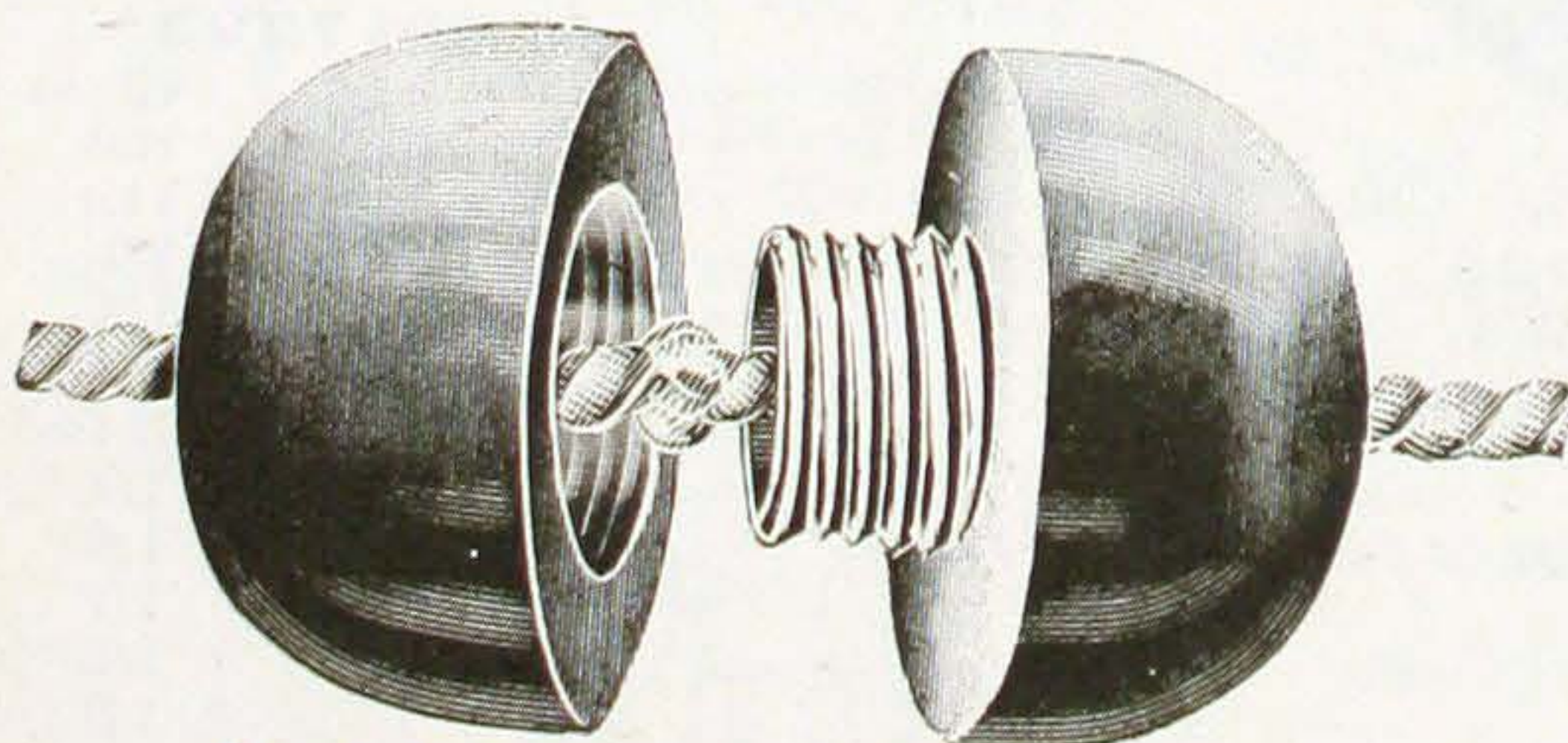
BOBBINS AND TURNPINS. No. PHS 7236
Small sizes, Boxwood. Large sizes, Lignum Vitæ.
1" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/2" 3" 3 1/2" 4" 4 1/2"
7d. 8d. 9d. 1/- 1/3 1/10 2/4 4/2 5/5 6/11 each.



PLUMBERS' DUMMY HEADS. No. PHS 7237
Sizes 1 and 2 ... 3/9 each.



FIXING POINTS. No. PHS 7238
Octagonal Steel.
10" 12" 14" 16" 18"
1/1 1/2 1/4 1/5 1/8 each.



PATENT BRASS FOLLOWERS. No. PHS 7239

The most practical and up-to-date Bobbin Driver on the market, the knot being in the cup in the centre of the follower prevents cutting the cord.

Sizes 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4"
4/2 5/3 7/2 11/3 16/2 22/6 37/6 54/- each.

'A' Basis.



FALL PIPE BOBBINS. No. PHS 7240

Sizes 1" 1 1/4" 1 1/2" 1 3/4" 2"
8d. 8d. 8d. 9d. 11d. 1/- doz.

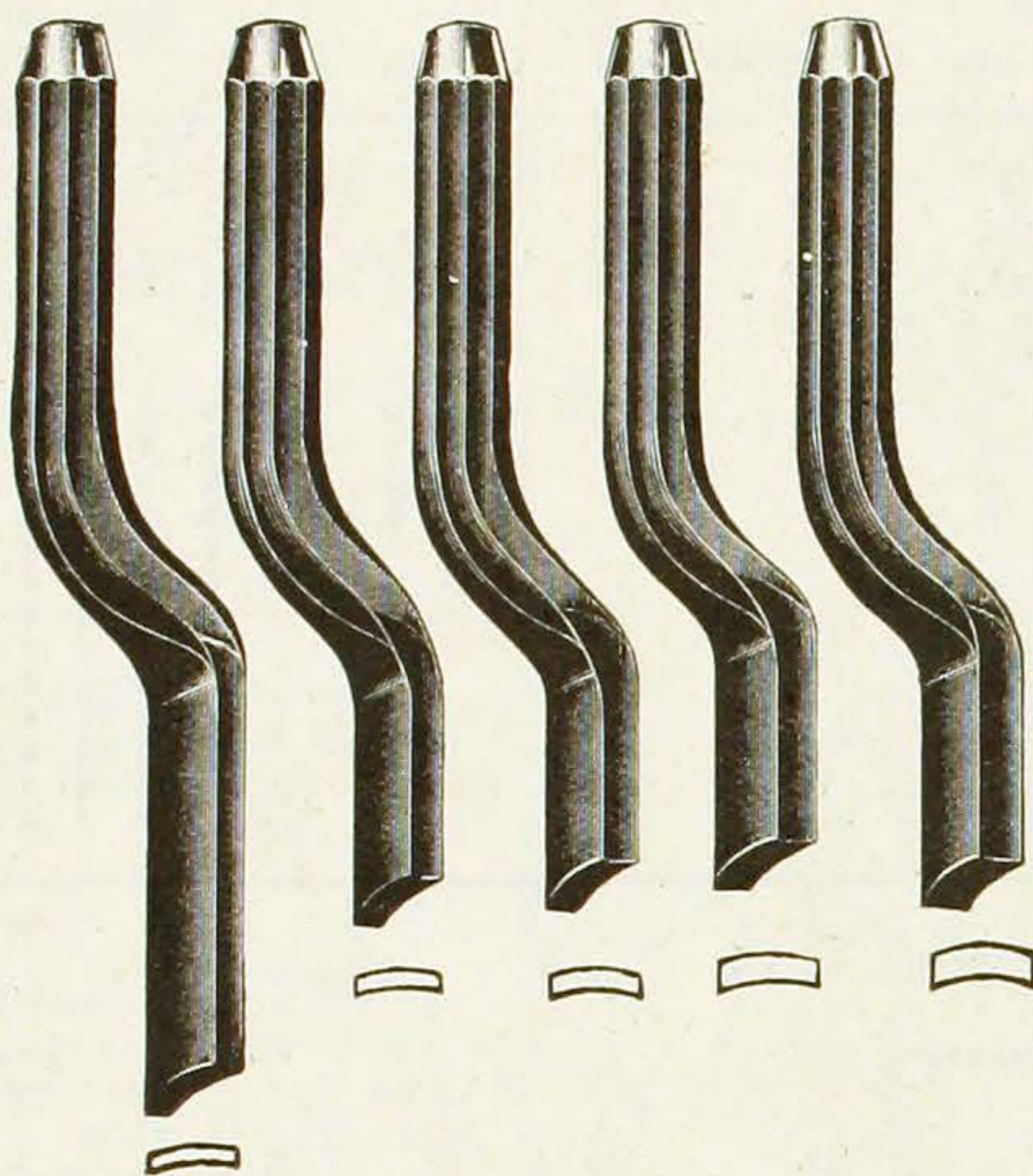
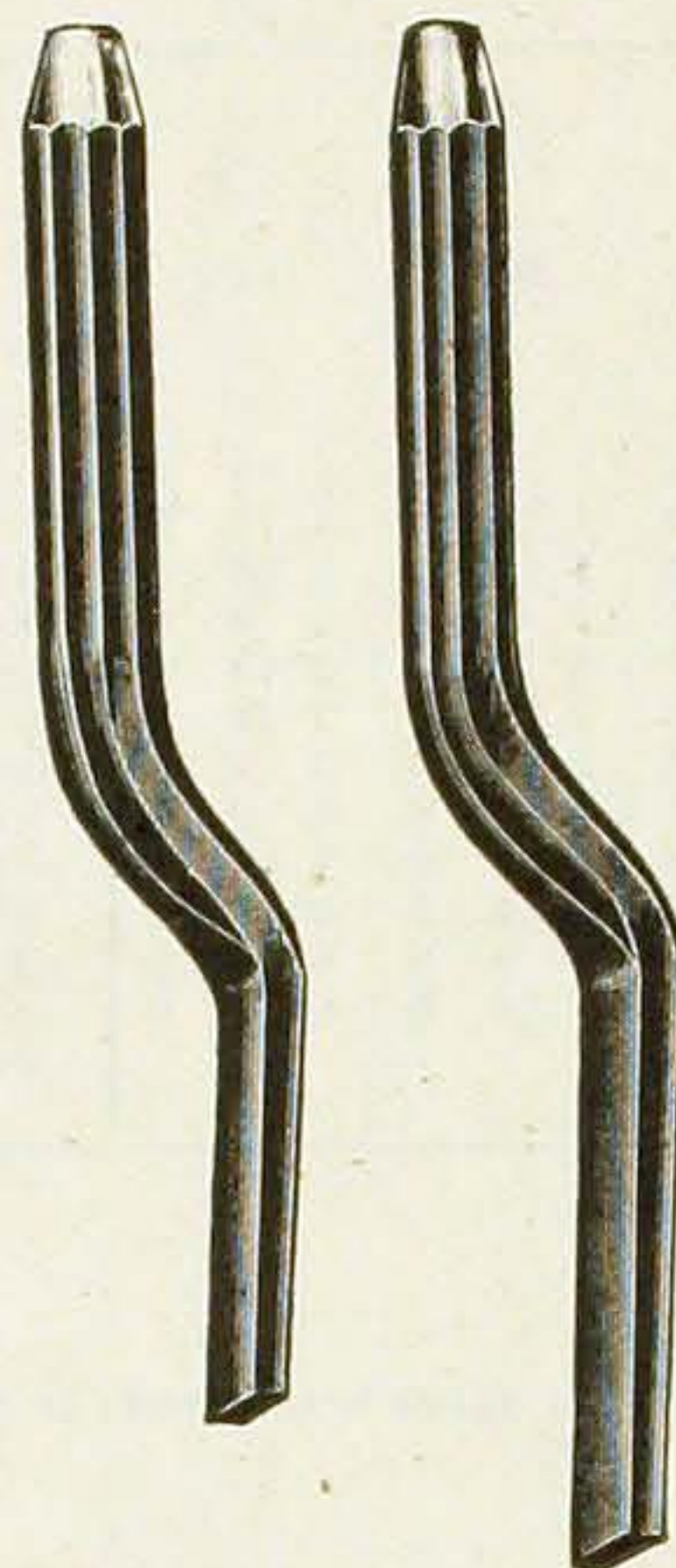


PLUMBERS' HAMMER HEADS. No. PHS 7241

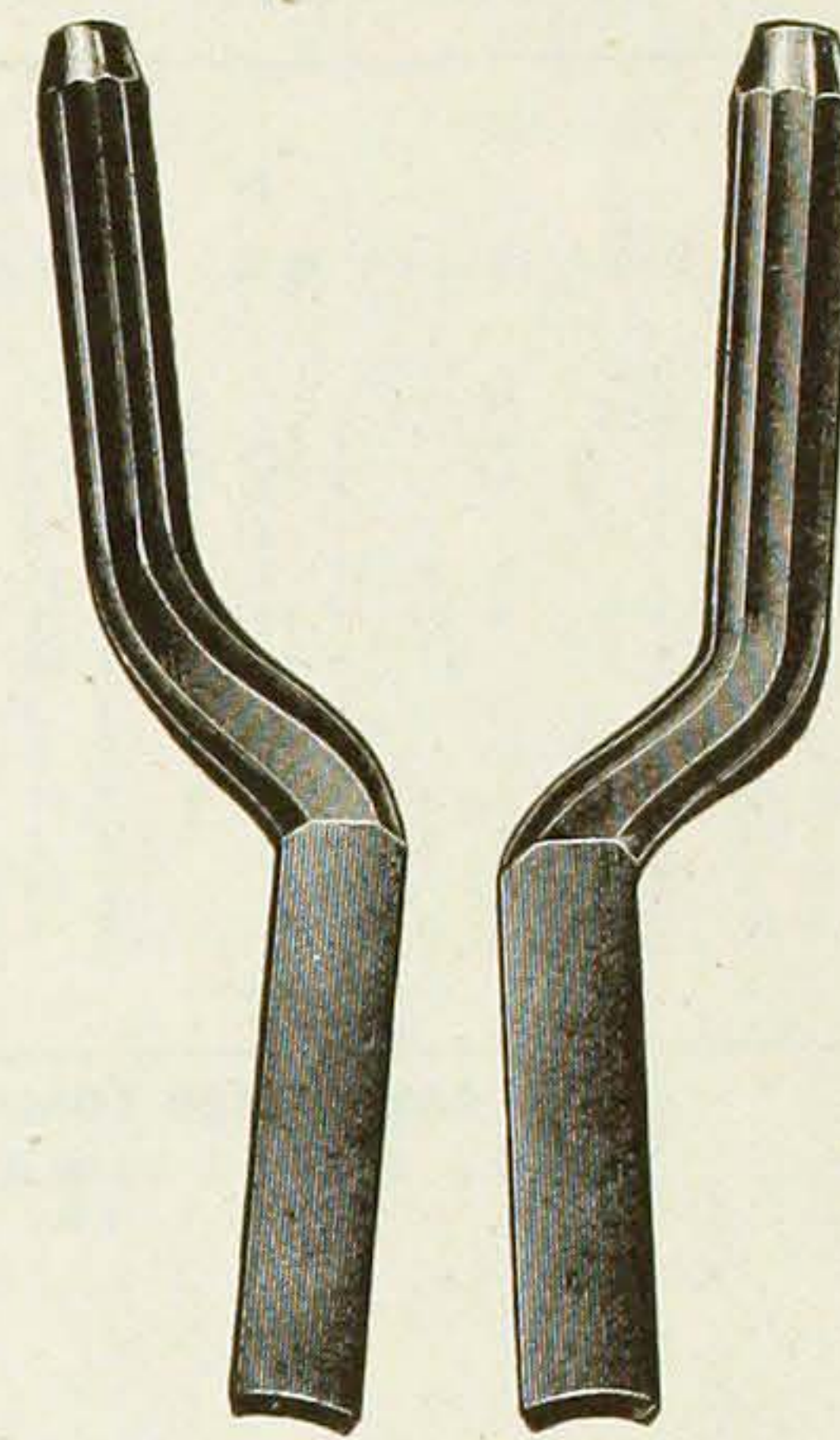
"Monument" Pattern. (Straight Pane.)
Bright all over.

Sizes 1 1/2" 3 1/2" 1" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/2 lbs.
2/1 2/1 2/1 2/5 2/8 3/- 3/3 3/10 each.

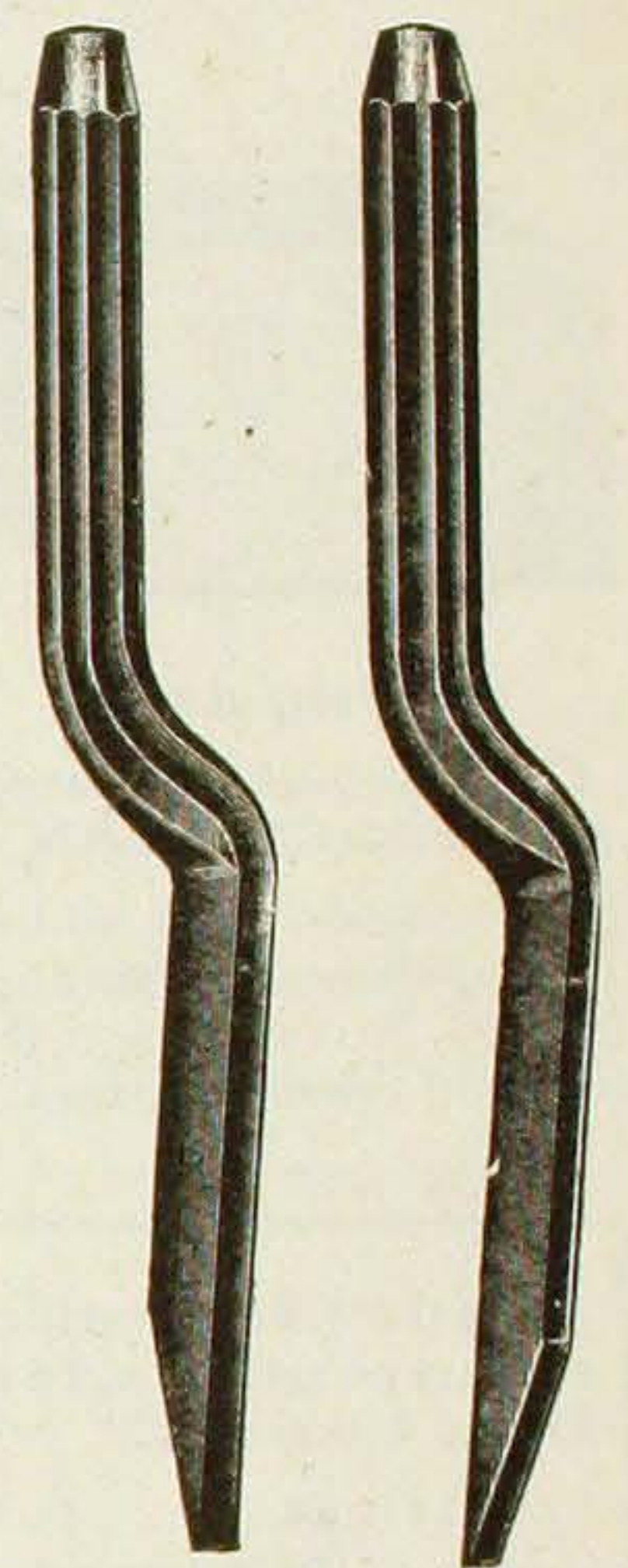
Plumbers' Tools

Set of 5- $\frac{7}{8}$ " Tools.

Short and Long Flat Chisel End.



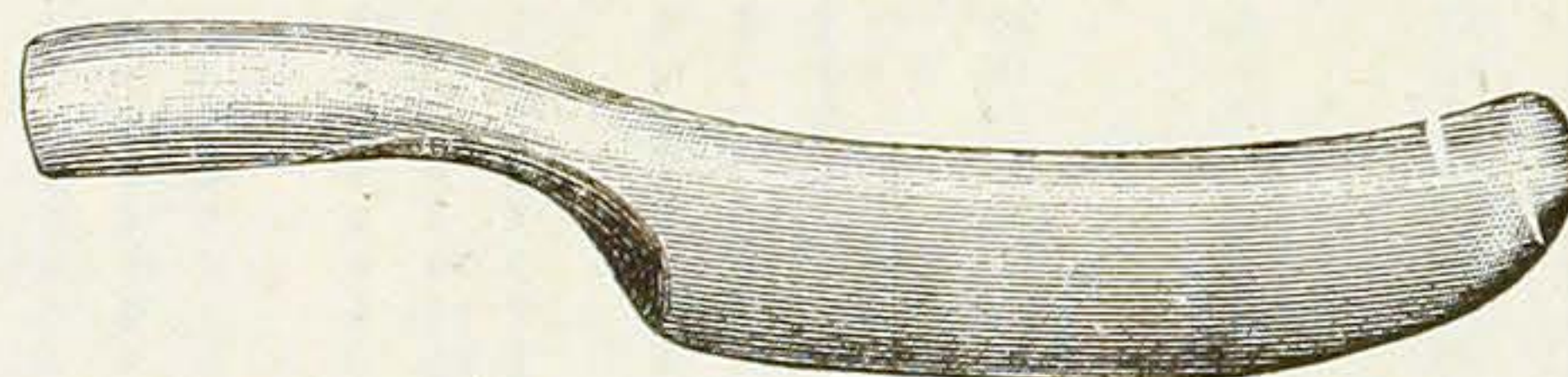
Right and Left Handed.



Long Hollow Tools.

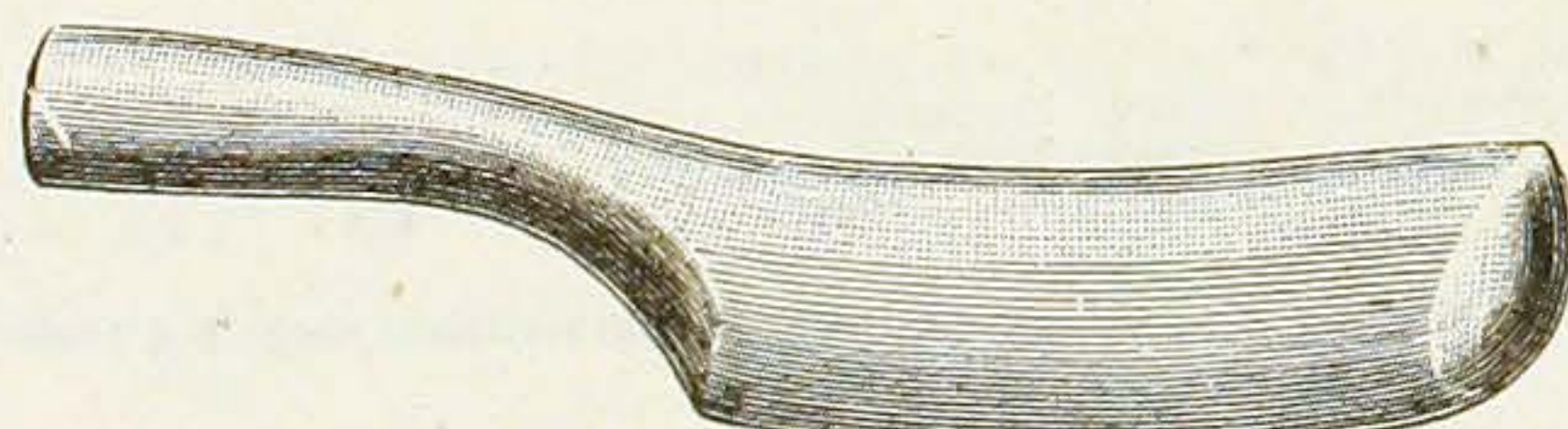
PIPE CAULKING TOOLS. No. PHS 7242

Set of 6- $\frac{3}{4}$ " Oct. Pipe Caulking Tools, double and single cranked ...	...	...	...	...	...	13/6 per set.
Set of 8- $\frac{3}{4}$ " Right and left handed, Picking-out Tools ...	...	...	...	...	...	18/9 "
Set of 5- $\frac{7}{8}$ " Pipe Caulking Tools for heavy work. ...	...	...	...	...	...	15/- "



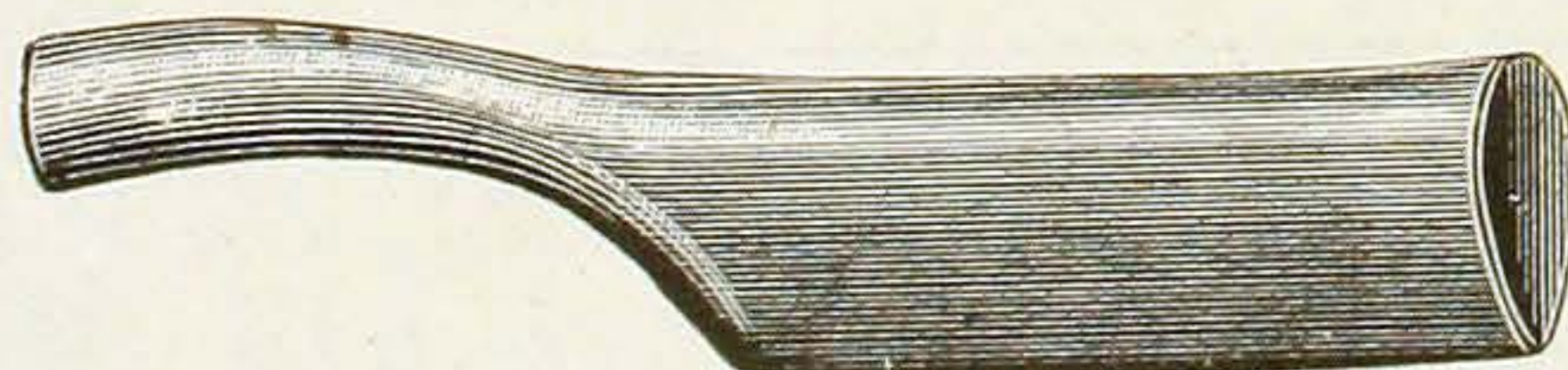
BOXWOOD BENDING STICKS. No. PHS 7243

Small and medium ...	...	...	...	3/8 each.
Large ...	...	...	...	3/11 "



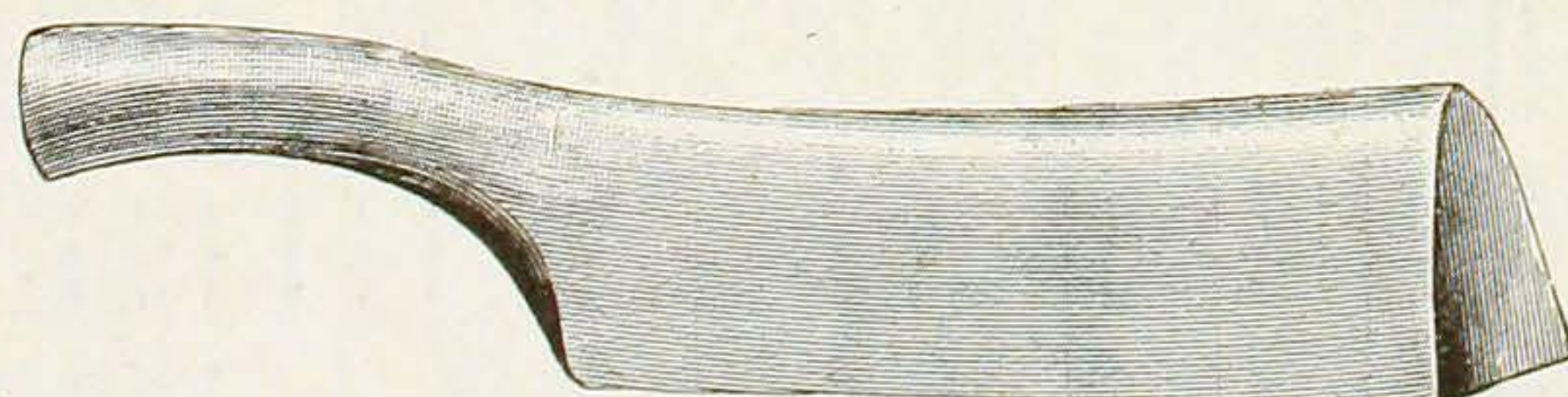
BOXWOOD BOSSING STICKS. No. PHS 7244

Small and medium ...	...	...	...	3/8 each.
Large ...	...	...	...	3/11 "



BOXWOOD SETTING-IN STICKS. No. PHS 7245

Small and medium ...	...	...	...	3/8 each.
Large ...	...	...	...	3/11 "



BOXWOOD DRESSERS OR LEAD BEATERS.

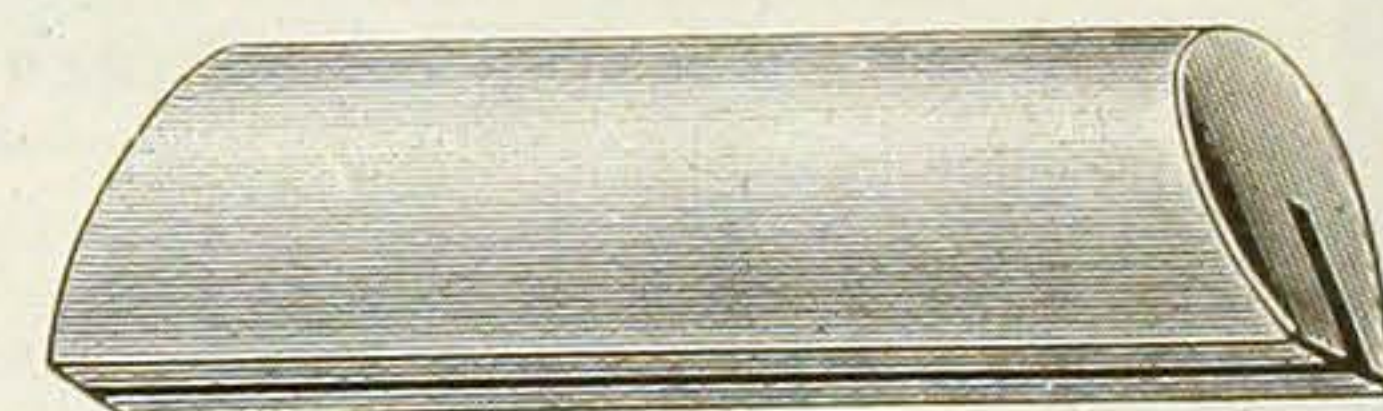
No. PHS 9795

No.	1	2	3	4	5
Extra Small.	Small.	Medium.	Large.	Extra Large.	
3/2	3/8	4/2	4/8	5/5 each.	
BEECH DRESSERS	...	...	Assorted, 31/6 doz.,	Large 2/11 each.	
HORNBEAM DRESSERS	...	...	Assorted, 33/- doz.,	Large 3/2 each.	



BOXWOOD SETTING-IN STICKS. No. PHS 9796

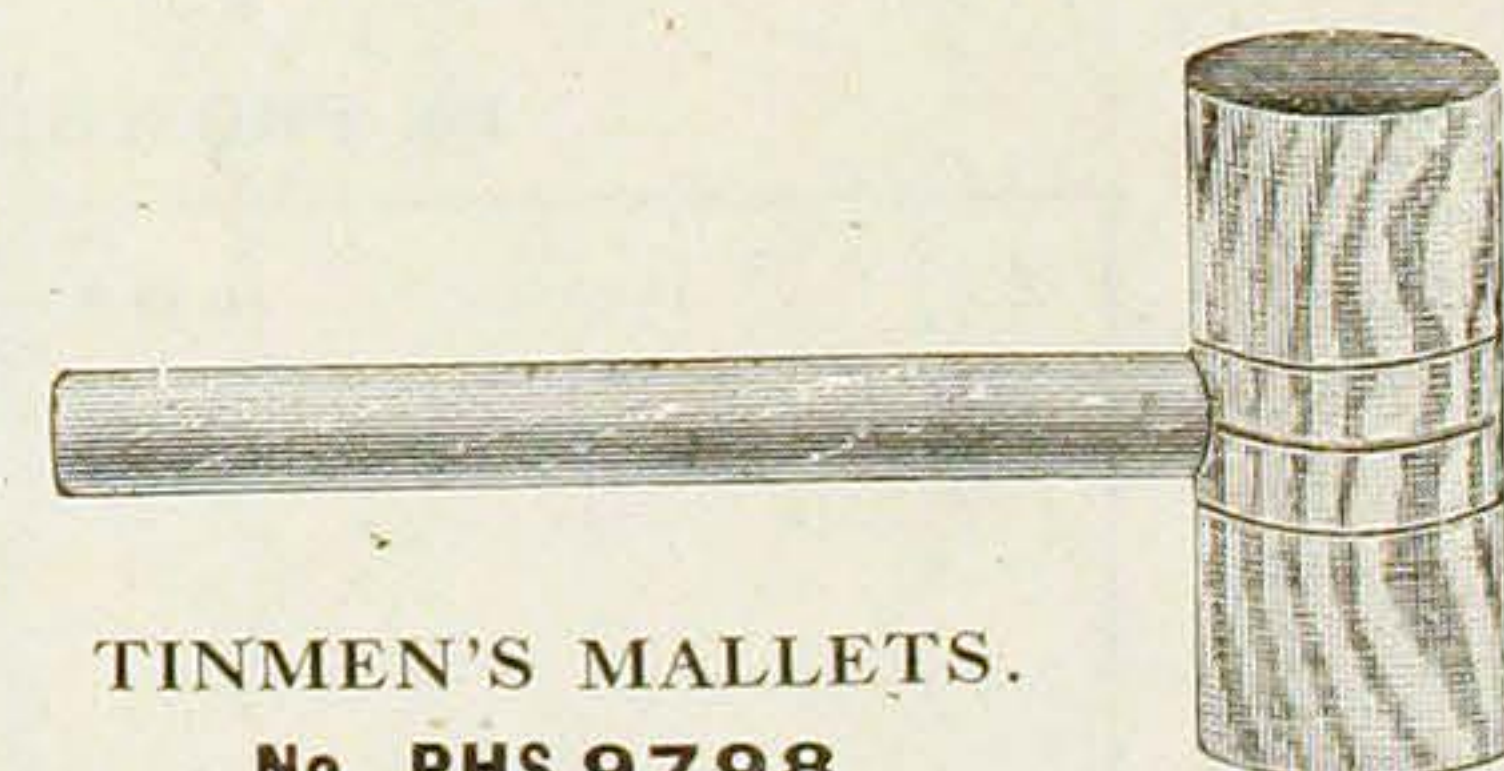
Double Ended, without Handle ...	...	...	3/8 each.
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BOXWOOD STEP TURNERS OR BENDERS.

No. PHS 9797

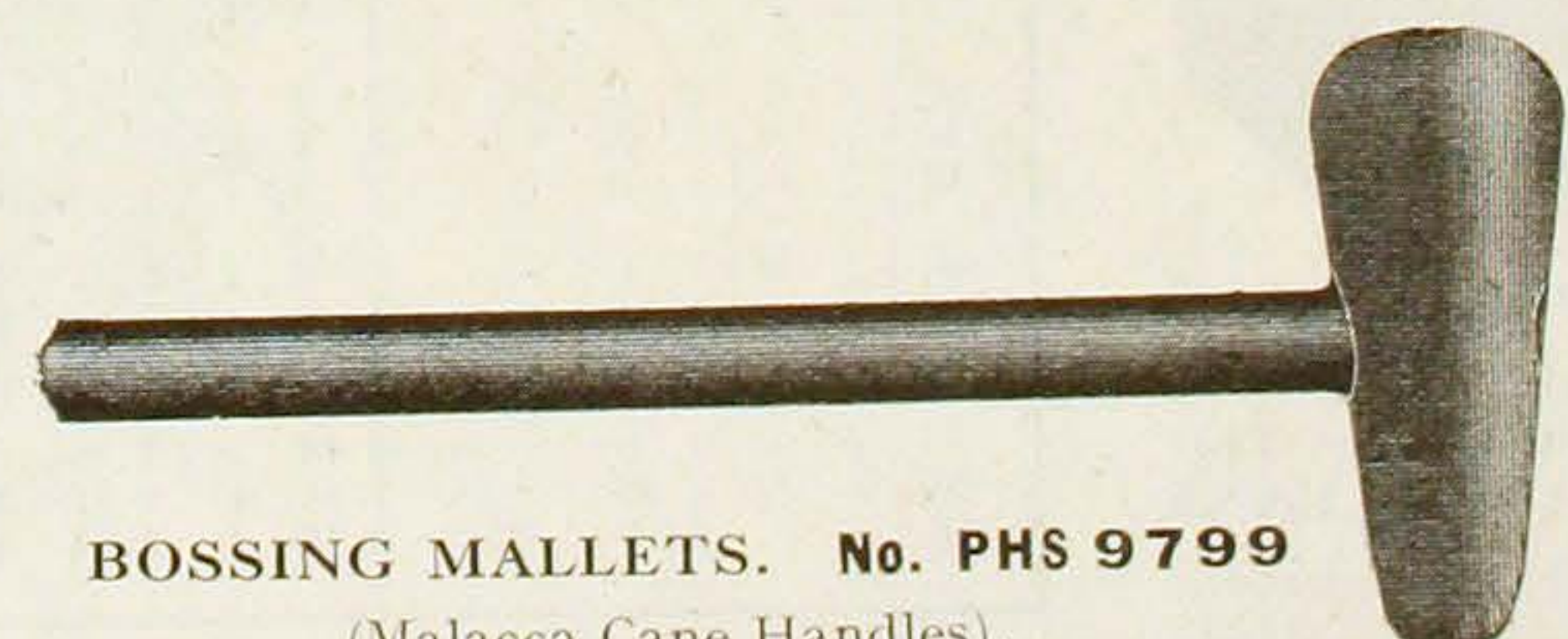
Grooved ...	2/9 each.	Grooved, Handled ...	3/8 each.
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TINMEN'S MALLETS.

No. PHS 9798

(Malacca Cane Handles.)	Small sizes, Boxwood.	Large sizes, Lignum Vitæ.
Faces	1 $\frac{1}{4}$ " 2" 2 $\frac{1}{4}$ " 2 $\frac{1}{2}$ " 2 $\frac{3}{4}$ "	3" 3 $\frac{1}{4}$ " 3 $\frac{1}{2}$ "
	2/4 2/6 2/9 2/11 3/4	3/11 6/5 9/2 each.



BOSSING MALLETS. No. PHS 9799

(Malacca Cane Handles).

Small sizes, Boxwood.	Large sizes, Lignum Vitæ.
Faces	1 $\frac{1}{2}$ " 1 $\frac{3}{4}$ " 2" 2 $\frac{1}{4}$ " 2 $\frac{1}{2}$ " 2 $\frac{3}{4}$ " 3" 3 $\frac{1}{4}$ " 3 $\frac{1}{2}$ "
	1/11 2/2 2/6 2/9 3/- 3/5 3/11 5/2 6/11 each.

Galvanized Tanks and Cylinders

No. PHQ 4020 Galvanized Rivetted Open Cistern, angle iron round top inside and corner plates.



No. PHQ 4020

Galvanized Rivetted
OPEN CISTERN.

Galvanized after made.
Tested and guaranteed
sound. Strong angle iron
rim and corner plates.

Capacity.	Inside Dimensions								Capacity.	Inside Dimensions							
	L'gth	Width	Depth	18	16	14	12	1 8		L'gth	Width	Depth	18	16	14	12	1 8
	ft. in.	ft. in.	ft. in.	W.G.	W.G.	W.G.	W.G.	Inch.		ft. in.	ft. in.	ft. in.	W.G.	W.G.	W.G.	W.G.	Inch.
Gals.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Gals.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
20	1 0	1 4	1 3	1 0 3	1 3 2	1 5 2	1 9 2	1 12 8	200	3 10	2 11	2 11	—	4 8 0	4 18 0	5 18 9	6 13 6
25	1 0	1 5	1 5	1 1 8	1 5 0	1 7 6	1 12 6	1 16 0	250	4 2	3 3	3 0	—	—	5 15 6	6 19 6	7 16 4
30	1 0	1 6	1 7	1 3 4	1 6 8	1 10 0	1 15 0	1 19 6	300	4 6	3 7	3 0	—	—	6 9 0	7 15 9	8 14 6
40	1 3	1 8	1 8	1 7 6	1 11 2	1 15 0	2 1 6	2 6 6	350	5 0	3 9	3 0	—	—	7 1 6	8 10 0	9 11 4
50	1 5	1 10	1 10	1 10 3	1 15 0	1 19 9	2 7 3	2 13 6	400	6 0	3 7	3 0	—	—	7 16 4	9 9 0	10 12 4
60	1 6	1 11	1 11	1 13 0	1 18 6	2 3 0	2 12 0	2 18 6	500	6 0	4 0	3 4	—	—	8 3 9	11 2 6	12 8 9
70	1 8	1 12	1 12	1 16 2	2 3 0	2 7 10	2 16 0	3 4 9	600	6 6	4 0	4 0	—	—	—	13 1 4	14 0 0
80	1 8	1 12	1 12	1 18 6	2 5 6	2 11 2	3 1 0	3 9 6	700	7 0	4 0	4 0	—	—	—	—	15 8 6
100	2 0	1 12	1 12	2 3 6	2 11 4	2 18 3	3 10 0	3 19 4	800	8 0	4 0	4 0	—	—	—	—	17 0 9
125	2 4	1 12	1 12	—	3 7 6	3 14 8	4 10 9	5 1 4	900	9 0	4 0	4 0	—	—	—	—	18 13 4
150	2 6	1 12	1 12	—	3 15 6	4 3 9	5 1 6	5 13 9	1000	8 0	5 0	4 0	—	—	—	—	19 16 8
175	3 10	3 0	1 12	—	4 1 9	4 10 9	5 10 0	6 3 9	1200	8 0	6 0	4 0	—	—	—	—	23 6 9
				—	—	—	—	—	1500	10 0	6 0	4 0	—	—	—	—	29 3 4

GALVANIZED LOOSE COVERS.

20 W.G.	18 W.G.	16 W.G.	14 W.G.
1/-	1/3	1/6	1/9 per square foot.

FLANGES.	1/2	1/6	1 1/4	1 1/2
	1/2	1/6	1/9	2/3 each extra.

The Gauge named above is thickness of Plate before Galvanizing.

No. PHQ 4023 Galvanized Rivetted Cylinder.

Capacity.	Dimensions.		16 W.G.	14 W.G.	12 W.G.	1 8 in.	Capacity.	Dimensions.		16 W.G.	14 W.G.	12 W.G.	1 8 in.
	Height to Seam.	Diam. Inside.						Height to Seam.	Diam. Inside.				
Gals.	ins.	ins.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Gals.	ins.	ins.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
20	30	15	1 12 5	1 15 7	2 0 10	2 5 0	42	45	18	2 5 0	2 9 10	2 19 0	3 6 8
21	33	15	1 14 2	1 16 9	2 4 7	2 7 3	45	48	18	2 7 0	2 12 0	3 1 3	3 9 2
23	36	15	1 15 0	1 18 6	2 6 5	2 9 7	34	30	20	2 0 3	2 4 0	2 11 8	2 17 9
25	39	15	1 16 9	2 0 3	2 6 5	2 12 0	37	33	20	2 2 0	2 6 6	2 14 3	3 1 0
27	42	15	1 18 0	2 2 0	2 9 0	2 14 6	40	36	20	2 4 0	2 8 2	2 16 10	3 4 0
29	45	15	1 19 4	2 3 6	2 11 0	2 17 3	44	39	20	2 5 6	2 10 6	2 19 6	3 7 2
31	48	15	2 1 2	2 5 3	2 13 0	2 19 6	48	42	20	2 7 3	2 12 6	3 2 2	3 10 0
28	30	18	1 16 9	2 0 6	2 7 3	2 12 6	52	45	20	2 9 0	2 14 9	3 4 9	3 13 3
31	33	18	1 18 6	2 3 0	2 9 7	2 15 5	56	48	20	2 10 9	2 16 10	3 7 4	3 16 2
34	36	18	2 0 3	2 4 4	2 12 0	2 18 0	60	48	21	—	—	—	—
37	39	18	2 2 0	2 6 5	2 14 6	3 1 0	75	48	24	—	—	—	—
40	42	18	2 3 6	2 8 2	2 16 7	3 4 0	100	48	27	—	—	—	—

EXTRA FOR THICKER TOP AND BOTTOM.

Dia. ins.	Cylinders 16 W.G. Top & Bottom 14 W.G.	Cylinders 14 W.G. Top & Bottom 12 W.G.	Cylinders 12 W.G. Top & Bottom 1 8 in.	Cylinders 1 8 in. Top & Bottom 1 16 in.
15	1/-	1/3	1/3	3/6
18	1/3	1/9	1/9	4/9
20	1/9	2/-	2/-	5/3

Prices include up to four 1 1/4 in. flanges.

Additional Flanges 1/2 in. 1 in. 1 1/4 in. 1 1/2 in.
1/2 1/6 1/9 2/3 each extra.

Manhole with set-pinned lid and india-rubber ring, 9/4 each Cylinder.

The Gauge named above is thickness of plate before Galvanizing.

No. PHQ 4021 Galvanized Rivetted Hot Water Tank. Manhole with set pinned lid.

Capacity.	Inside Dimensions			16 W.G.	14 W.G.	12 W.G.	1 8 in.	3 16 in.	Capacity.	Inside Dimensions			16 W.G.	14 W.G.	12 W.G.	1 8 in.	3 16 in.
	L'gth	Width	Depth							L'gth	Width	Depth					
	ft. in.	ft. in.	ft. in.	Tested to 1 lb. per sq. in.	Tested to 3 lbs. per sq. in.	Tested to 4 lbs. per sq. in.	Tested to 5 lbs. per sq. in.	Tested to 10 lbs. per sq. in.		ft. in.	ft. in.	ft. in.	Tested to 1 lb. per sq. in.	Tested to 3 lbs. per sq. in.	Tested to 4 lbs. per sq. in.	Tested to 5 lbs. per sq. in.	Tested to 10 lbs. per sq. in.
Gals.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Gals.	ft. in.	ft. in.	ft. in.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
20	1 10	1 4	1 4	1 16 6	1 19 1	2 4 8	2 8 6	4 2 10	60	2 2	2 2	2 1	—	—	3 11 0	3 18 9	6 12 8
20	1 6	1 6	1 6	1 16 6	1 19 1	2 4 8	2 8 6	4 2 10	60	3 0	2 0	1 8	—	—	3 11 0	3 18 9	6 12 8
20	1 8	1 3	1 6	1 16 6	1 19 1	2 4 8	2 8 6	4 2 10	60	2 6	1 11	1 11	—	—	3 11 0	3 18 9	6 12 8
25	2 0	1 4	1 6	1 18 6	2 2 3	2 8 6	2 12 6	4 10 4	70	2 6	2 3	2 1	—	—	3 17 0	4 6 4	7 4 0
25	1 7	1 7	1 7	1 18 6	2 2 3	2 8 6	2 12 6	4 10 4	70	2 8	2 3	2 3	—	—	3 17 0	4 6 4	7 4 0
25	2 0	1 8	1 3	1 18 6	2 2 3	2 8 6	2 12 6	4 10 4	70	2 8	2 2	2 0	—	—	3 17 0	4 6 4	7 4 0
30	2 0	2 0	1 3	2 2 7	2 6 2	2 13 6	2 19 0	4 19 2	80	2 6	2 6	2 1	—	—	4 1 8	4 11 6	7 10 0
30	1 8	1 8	1 8	2 2 7	2 6 2	2 13 6	2 19 0	4 19 2	80	3 0	2 2	2 0	—	—	4 1 8	4 11 6	7 10 0
30	2 0	1 6	1 7	2 2 7	2 6 2	2 13 6	2 19 0	4 19 2	80	2 4	2 4	2 4	—	—	4 1 8	4 11 6	7 10 0
40	2 0	2 0	1 7	2 5 6	2 10 2	2 18 0	3 4 6	5 8 6	100	3 0	2 6	2 2	—	—	—	—	—
40	1 10	1 10	1 10	2 5 6	2 10 2	2 18 0	3 4 6	5 8 6	100	2 6	2 6	2 6	—	—	—	—	—
40	2 3	1 8	1 8	2 5 6	2 10 2	2 18 0	3 4 6	5 8 6	100	3 2	2 3	2 3	—	—	—	—	—
50	2 0	2 0	2 0	2 10 2	2 15 2	3 4 2	3 11 3	5 19 7									
50	2 5	1 10	1 10	2 10 2	2 15 2	3 4 2	3 11 3	5 19 7									
50	2 7	2 0	1 7	2 10 2	2 15 2	3 4 2	3 11 3	5 19 7									

Rubber Ring for Manlid, 1/6 each extra.

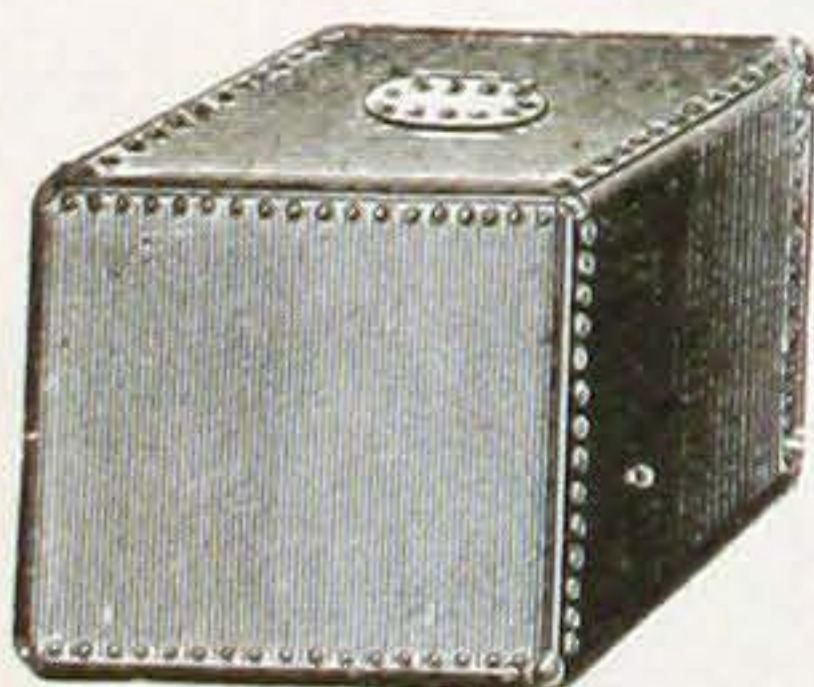
FLANGES 1/2 1/6 1/9 2/3 each extra.

The Gauge named above is thickness of plate before Galvanizing.
The first-named size will be supplied if no dimensions are given on order.

No. PHQ 4023

Galvanized Rivetted
Circulating Cylinder.

Galvanized after made.
Tested and guaranteed
sound.



No. PHQ 4021

Galvanized
Rivetted Close Top
HOT-WATER TANK.

Galvanized after made.

Strong Pure Copper Cylinders

Orders will only be accepted conditionally that goods will be invoiced at current prices at time of delivery.

Gallons Approx.	Outside Sizes Inches. high. diam.	No. 1 Strength. Tested to 45 lbs. Hydraulic Pressure.			No. 2 Strength. Tested to 30 lbs. Hydraulic Pressure.			No. 3 Strength. Tested to 25 lbs. Hydraulic Pressure.		
		Top and Body B.W.G.	Bottom B.W.G.	Lbs. Approx.	Top and Body B.W.G.	Bottom B.W.G.	Lbs. Approx.	Top and Body B.W.G.	Bottom B.W.G.	Lbs. Approx.
12	30×13	18	17	35	20	18	27	22	20	23
15	30×14	17	16	42	20	18	30	22	20	26
18	36×14	17	16	47	20	18	33	22	20	29
20	30×15	16	15	48	20	17	34	22	20	30
23	36×15	16	15	56	20	17	38	22	20	34
27	42×15	16	15	64	20	17	42	22	20	38
22	30×16	16	14	53	19	17	40	22	19	35
27	36×16	16	14	60	19	17	45	22	19	40
32	42×16	16	14	67	19	17	50	22	19	45
31	36×17	15	14	69	18	17	50	20	19	44
35	42×17	15	14	77	18	17	56	20	19	50
40	48×17	15	14	85	18	17	62	20	19	56
34	36×18	15	14	77	18	16	55	20	18	48
40	42×18	15	14	86	18	16	61	20	18	53
45	48×18	15	14	95	18	16	67	20	18	58
42	36×20	14	13	98	17	15	70	20	17	55
50	42×20	14	13	110	17	15	80	20	17	65
55	48×20	14	13	120	17	15	90	20	17	70
60	52×20	14	13	127	17	15	98	19	17	75
68	60×20	14	13	140	17	15	110	19	17	83
57	42×22	14	12	125	16	14	100			
66	48×22	14	12	138	16	14	110			
75	54×22	14	12	150	16	14	120			
85	60×22	14	12	162	16	14	130			
75	48×24	14	11	160	15	13	135			
85	54×24	14	11	174	15	13	148			
95	60×24	14	11	188	15	13	161			
100	63×24	14	11	200	15	13	174			
100	48×27	13	10	205	14	12	180			
125	48×30	12	10	250	14	11	215			
150	54×32	12	8	310	14	10	255			
175	54×35	11	7	365	13	8	310			
200	60×36	11	7	460	13	8	400			

PRICES :

	Riveted, 4d. per lb.	Tinned inside, 4d. per lb.	
HORIZONTAL CYLINDERS,	without Bolted Ends	.. ..	6d. per lb.
ALL BRAZED CYLINDERS	.. ..		6d. per lb.
CYLINDERS,	with Bolted Top or Bottom (Iron Flanges)	.. ..	6d. per lb.

EXTRAS :

MANHOLES.		EXTRAS.	
5" x 3½"	with Cast Centre Pin Cover	11/2	each, plus weight 5 lb. extra.
7" x 4"	" " " "	11/2	" " 7 "
8" x 5"	" " " "	11/2	" " 11 "

SET SCREW COVER, 3/- per inch in diam. Extra weight about 1½ lb. per inch in dia.

UNIONS SCREWED FOR IRON OR COPPER PIPE, 1/6 per Union extra.

**BIRMINGHAM
OR
LEICESTER.**



Nos. PHS 9650
and PHO 9649

Capacity.	Inside Dimensions.	Price.		
20 gallons	35" x 15"	£5	10	6 each.
30 "	36" x 17"	6	15	3 "
40 "	42" x 18"	7	17	3 "
50 "	42" x 20"	8	14	3 "

No. PHO 9649 To Pass LEICESTER.

Capacity.	Inside Dimensions.	Price.
20 gallons	30" x 16"	£2 18 0 each.
25 "	36" x 16"	3 5 6 "
30 "	33" x 18"	3 14 0 "
35 "	36" x 18"	4 8 6 "
40 "	42" x 18"	5 6 3 "

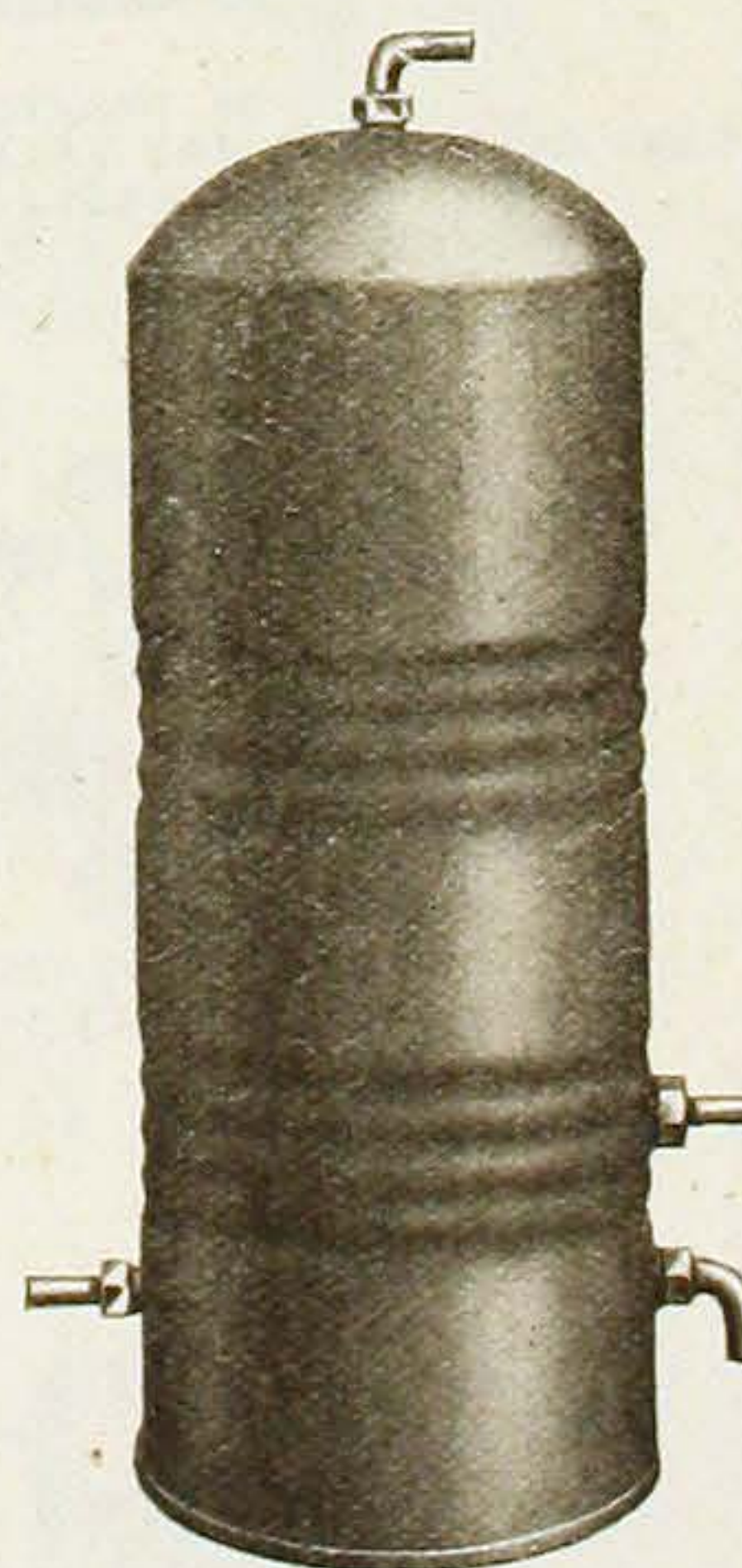
Handhole, 21/3 extra. Size 5" x 3½" with centre pin.
Manhoie, 34/- " " 8" x 5" with set pin cover.

No. PHO 9651

Capacity.	Inside Dimensions.	Price.
22 gallons	24" x 18"	£3 11 6 each.
25 "	27" x 18"	3 13 3 "
28 "	30" x 18"	3 15 1 "
31 "	33" x 18"	3 17 0 "
34 "	36" x 18"	3 18 9 "
42 "	36" x 20"	4 17 0 "
46 "	39" x 20"	5 0 0 "
50 "	42" x 20"	5 3 0 "
54 "	48" x 20"	5 6 3 "

Including four 1" screwed bosses, clinched seam and top and bottom rivetted in.
Centre Pin Manhole Covers, 5" x 3½" 17/- each extra.

**LONDON
OR
MANCHESTER.**



No. PHO 9648

COUNTRY PATTERN.

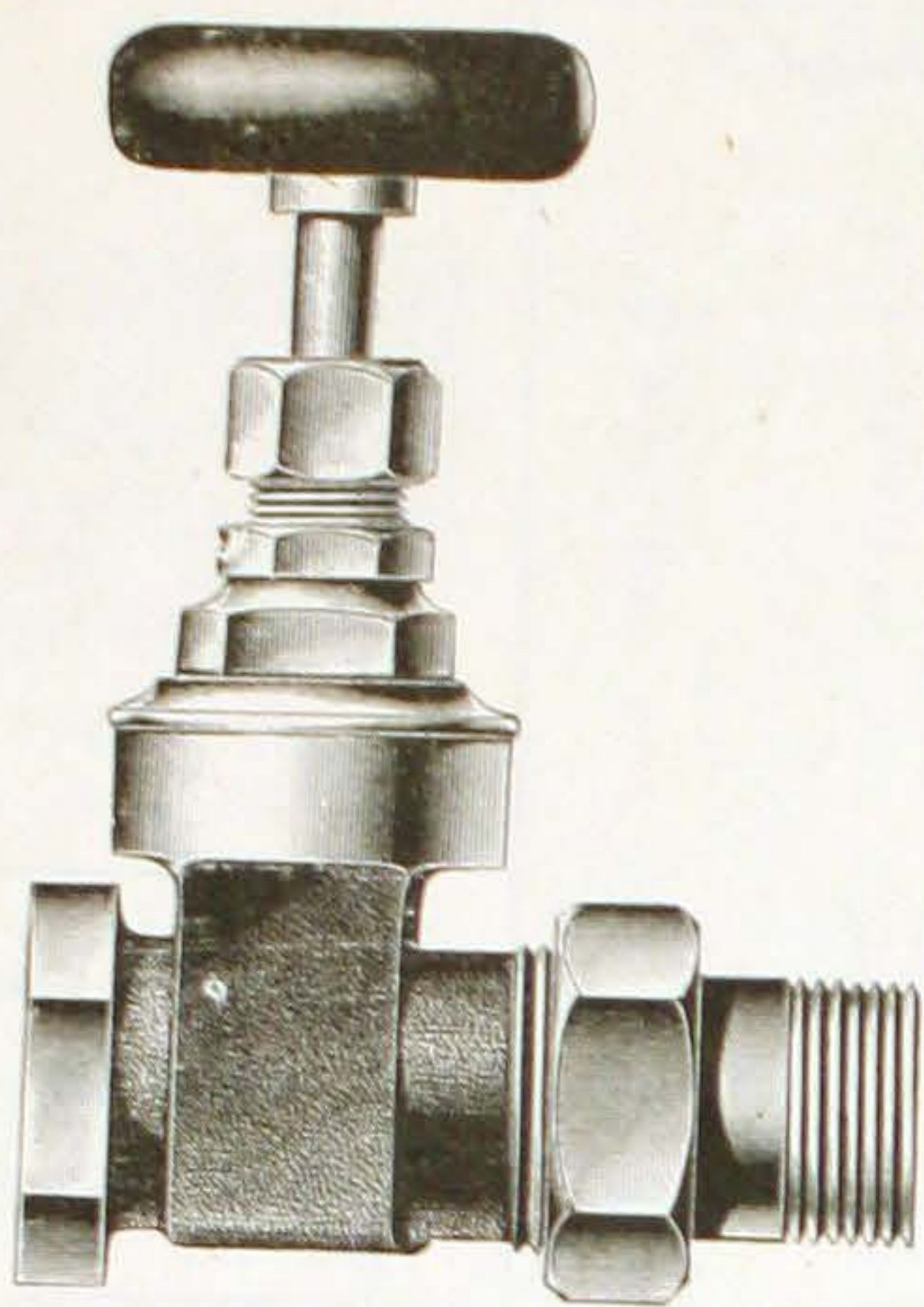
No. 4 Light Pure Copper Cylinders.
Special Prices for Cylinders tested to 15 lbs. pressure
to pass London or Manchester requirements.

No. PHO 9648

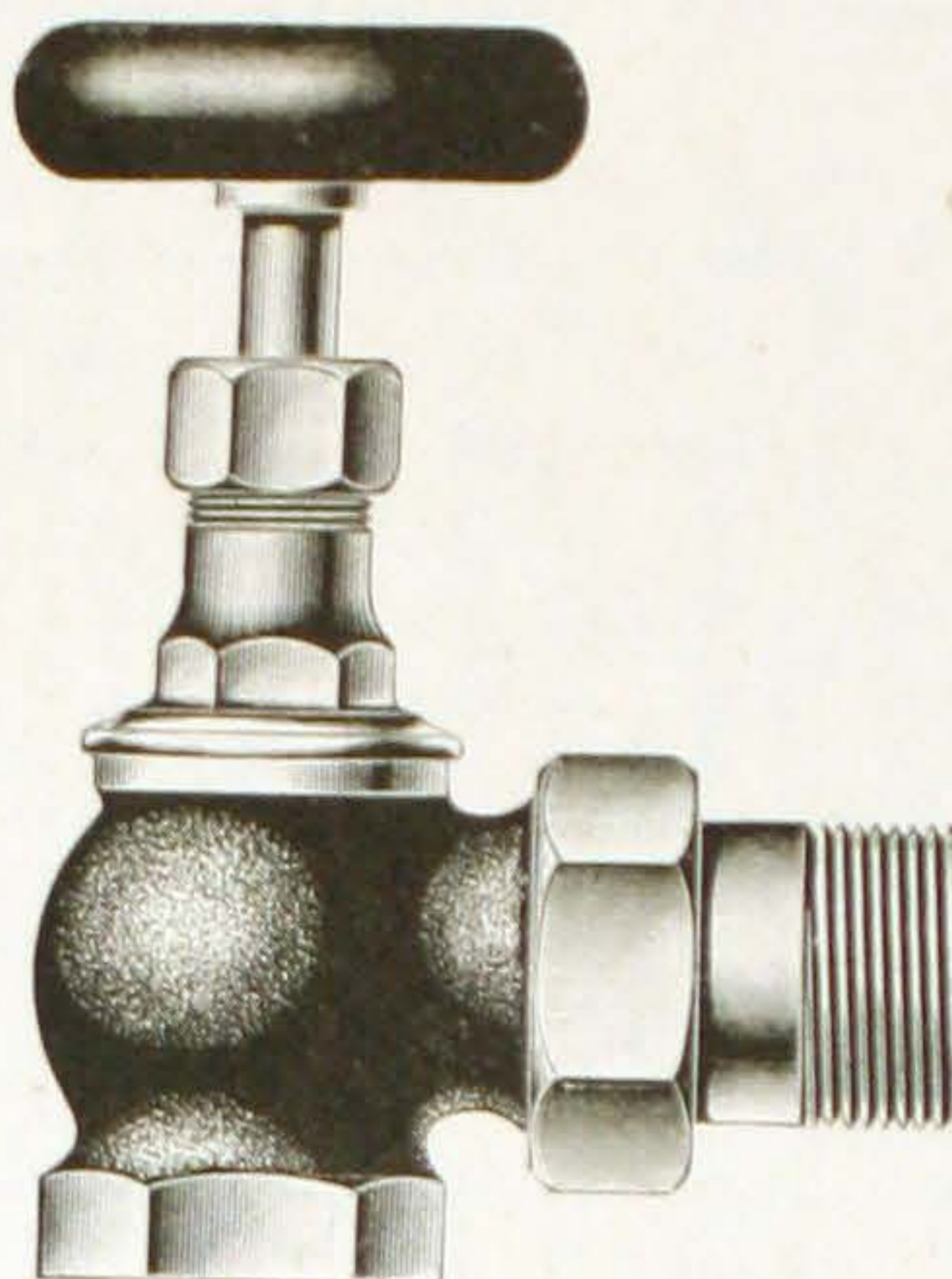
Capacity.	Inside Dimensions.	Price.
12 gallons	30" x 12"	£2 1 0 each.
13½ "	33" x 12"	2 2 0 "
15 "	36" x 12"	2 3 6 "
14 "	30" x 13"	2 2 0 "
15½ "	33" x 13"	2 3 4 "
17 "	36" x 13"	2 4 9 "
16 "	30" x 14"	2 4 3 "
17 "	33" x 14"	2 6 0 "
18 "	36" x 14"	2 7 8 "
19 "	39" x 14"	2 9 0 "
20 "	42" x 14"	2 10 7 "
20 "	30" x 15"	2 11 0 "
21½ "	33" x 15"	2 12 10 "
23 "	36" x 15"	2 14 7 "
24½ "	39" x 15"	2 16 5 "
27 "	42" x 15"	2 18 3 "
22 "	30" x 16"	2 12 9 "
24½ "	33" x 16"	2 14 7 "
27 "	36" x 16"	2 16 6 "
29½ "	39" x 16"	2 18 6 "
32 "	42" x 16"	3 0 4 "
38 "	48" x 16"	3 4 2 "
25 "	30" x 17"	2 18 5 "
27½ "	33" x 17"	3 0 4 "
30 "	36" x 17"	3 2 6 "
32½ "	39" x 17"	3 10 10 "
35 "	42" x 17"	3 13 3 "
40 "	48" x 17"	4 2 6 "
28 "	30" x 18"	3 2 4 "
31 "	33" x 18"	3 4 7 "
34 "	36" x 18"	3 7 0 "
37 "	39" x 18"	3 13 3 "
40 "	42" x 18"	3 15 8 "
46 "	48" x 18"	4 4 2 "

Including four- $\frac{3}{4}$ " straight Unions for Lead Centre
Pin Covers, $5" \times 3\frac{1}{2}"$ 17/- each extra.

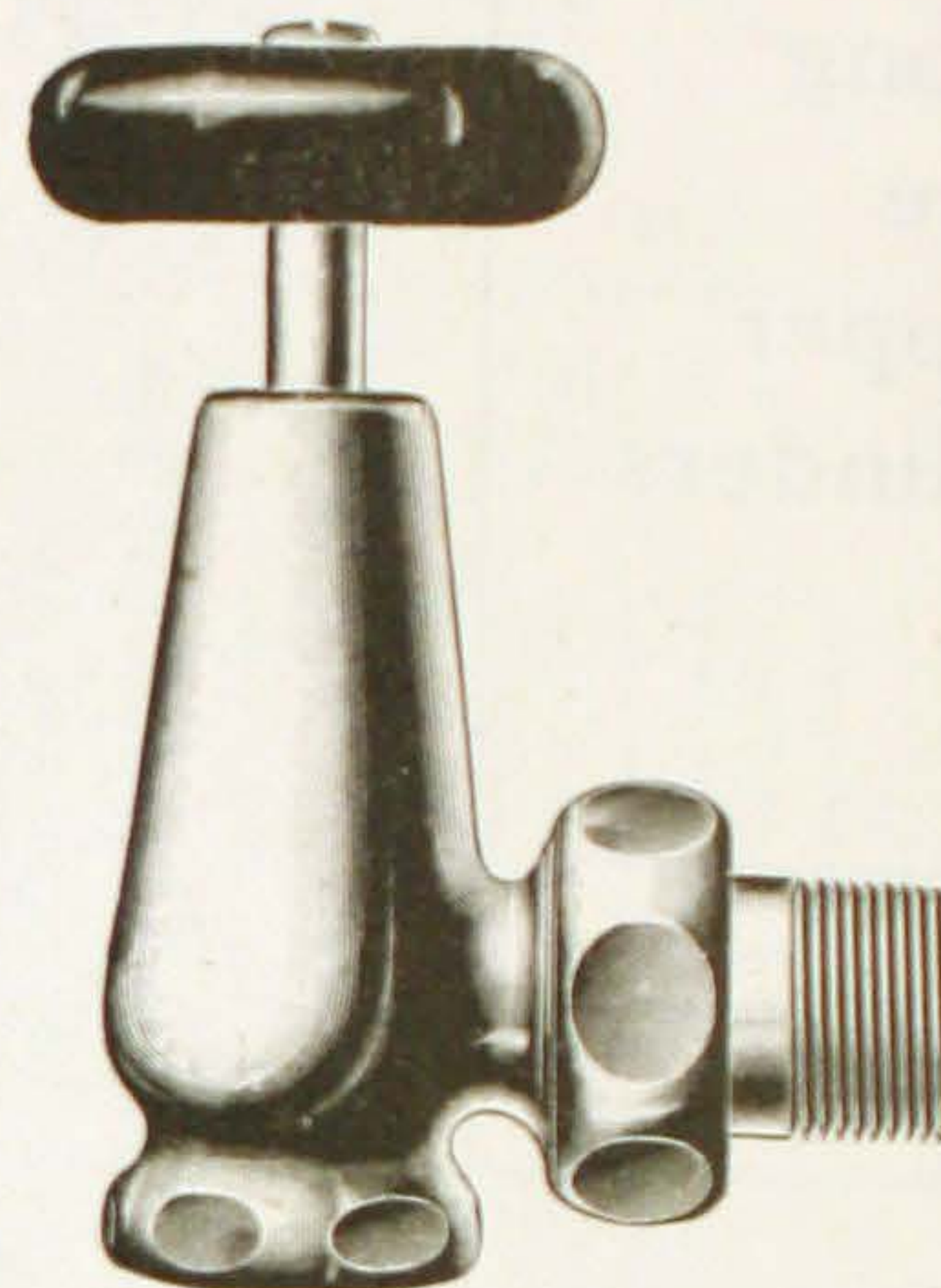
Valves, Unions and Air Cocks.



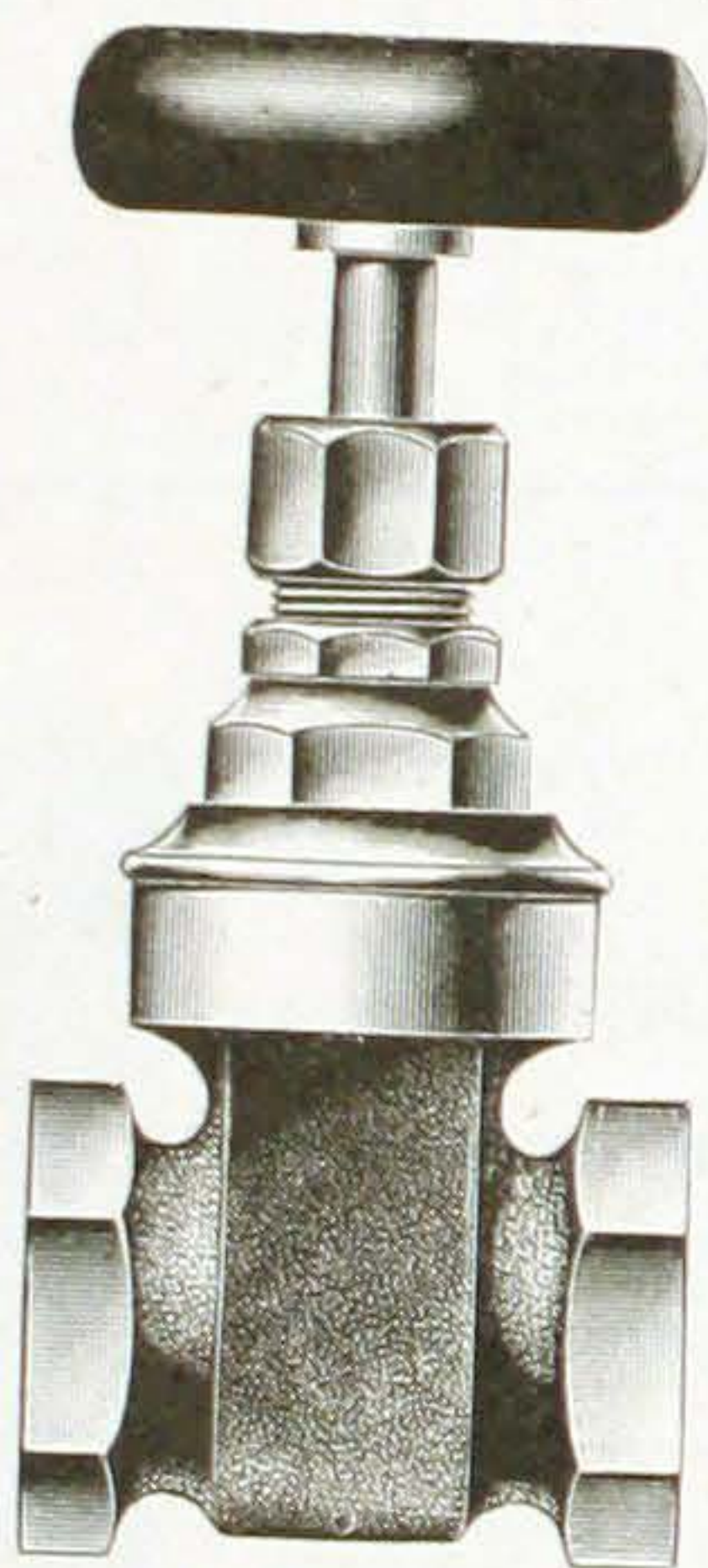
No. PSS 4236
FULLWAY VALVE with UNION and WHEEL.
Gun Metal.
Size .. 1" 1 1/2" 1 3/4" 2" 2 1/2" 3"
Price .. 6/2 7/7 9/8 13/7 20/2 28/- each.
Lock Shield Valves at same prices as those with wheels.
Polished Keys for Lock Shields extra.
Size .. 1" 1 1/2" 1 3/4" 2" 2 1/2" 3"
Price .. 11d. 11d. 1/2 1/2 1/9 1/9 each.



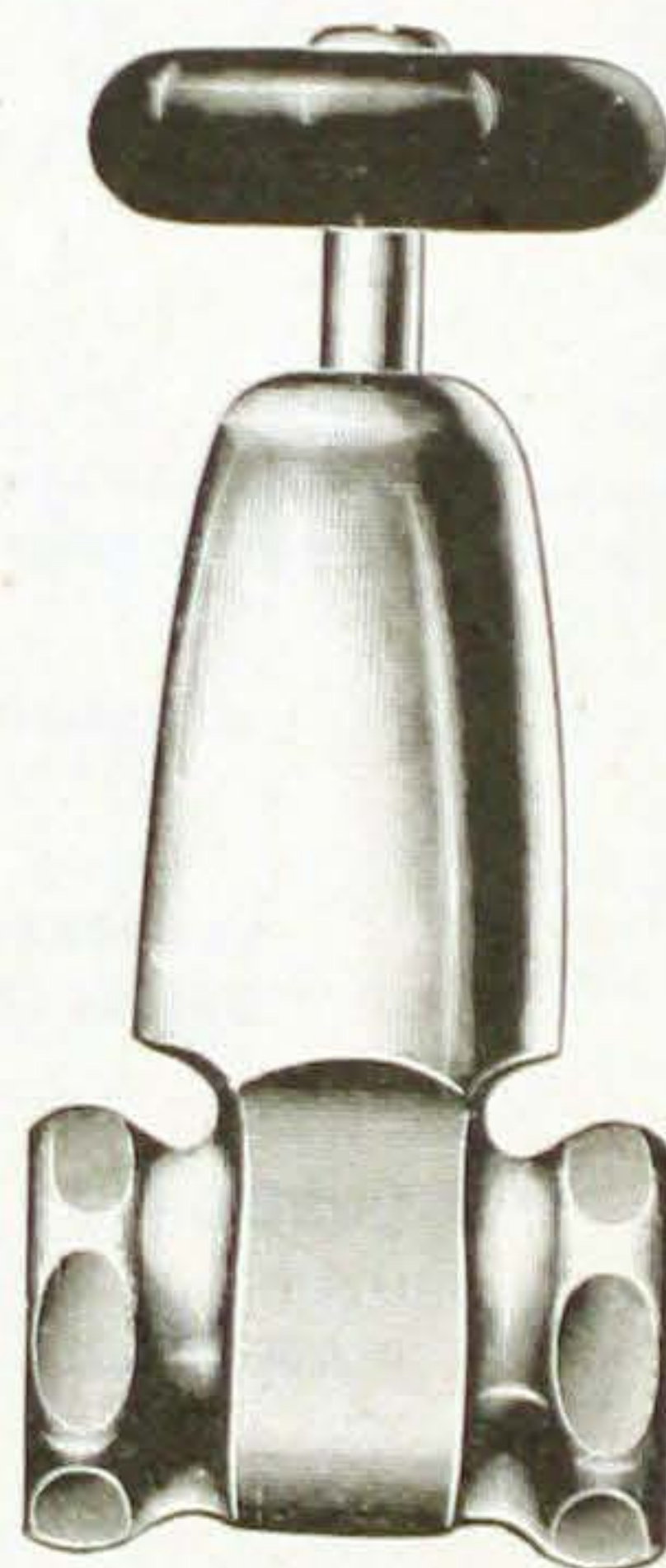
No. PSS 4235
ANGLE VALVES with UNION and WHEEL.
No. PSS 4235 Light Pattern.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Gun Metal, price .. 5/- 5/10 5/10 11/- each.
No. PSS 4245 Medium Pattern .. 5/8 7/2 11/-
No. PSS 4246 Heavy Pattern 4/8 6/2 8/4 12/10 "



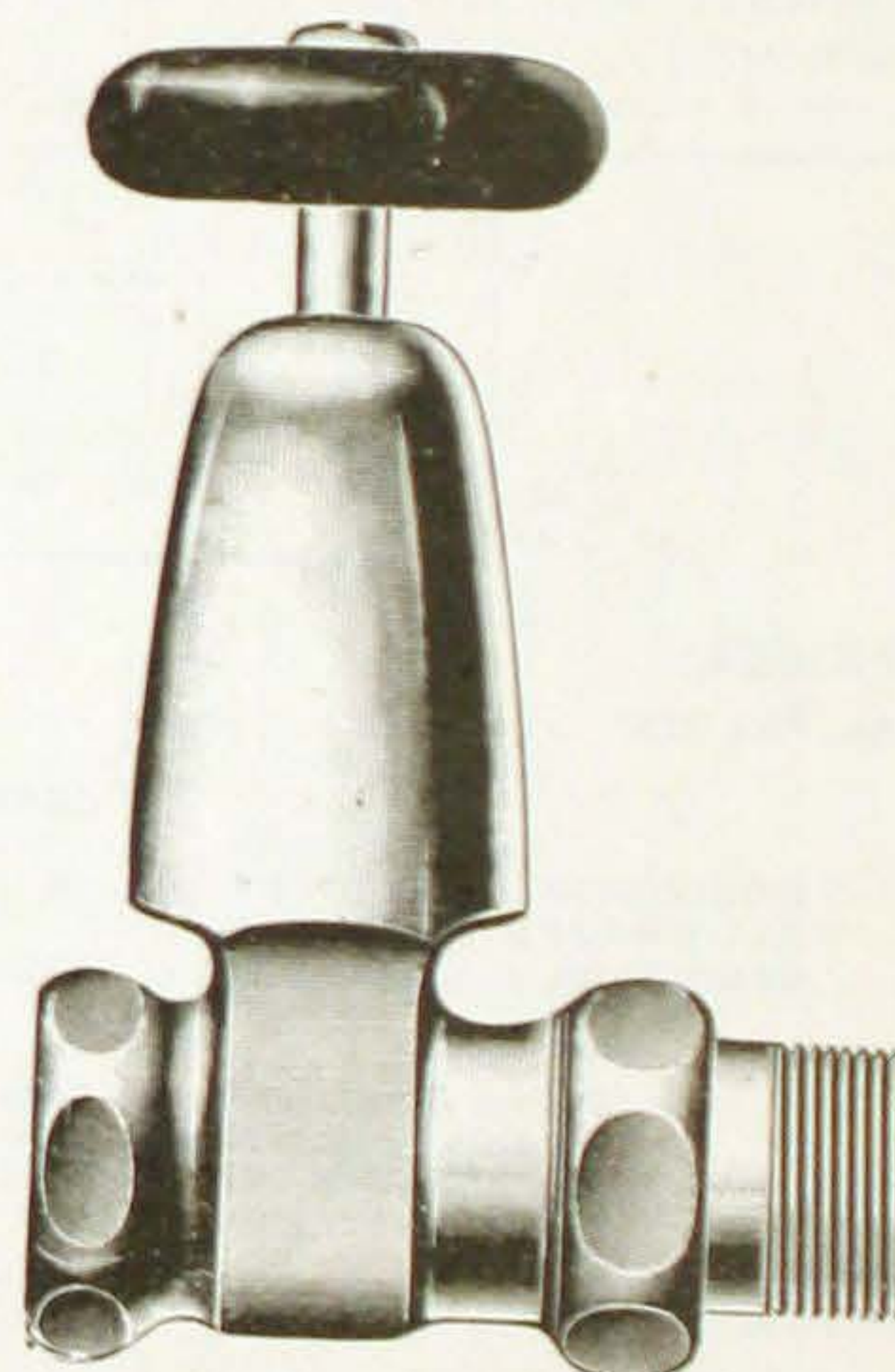
No. PSS 4237 EASY CLEAN ANGLE
VALVE with UNION and WHEEL. Gun Metal.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 6/2 7/11 10/1 15/4 each.



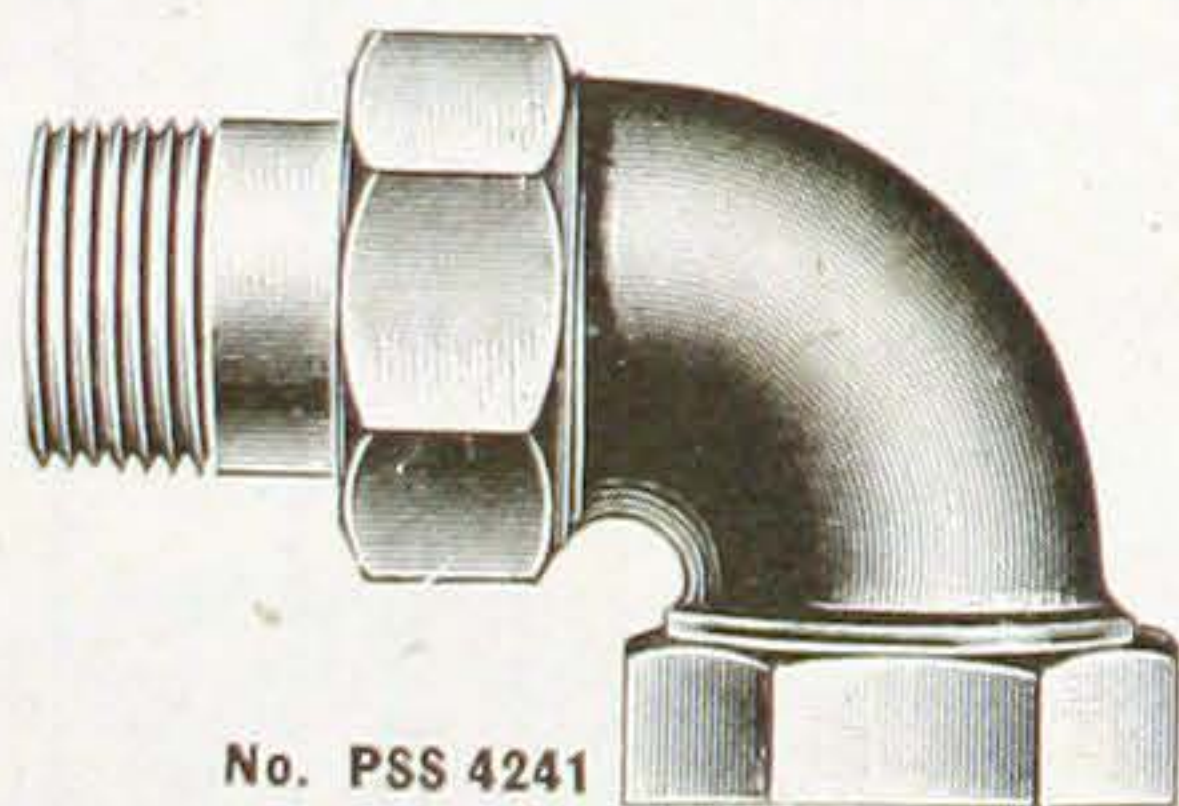
No. PSS 4238
FULLWAY VALVE, FEMALE BOTH ENDS, AND WHEEL.
Gun Metal.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 5/3 6/7 8/4 11/- 14/11 19/3 each.



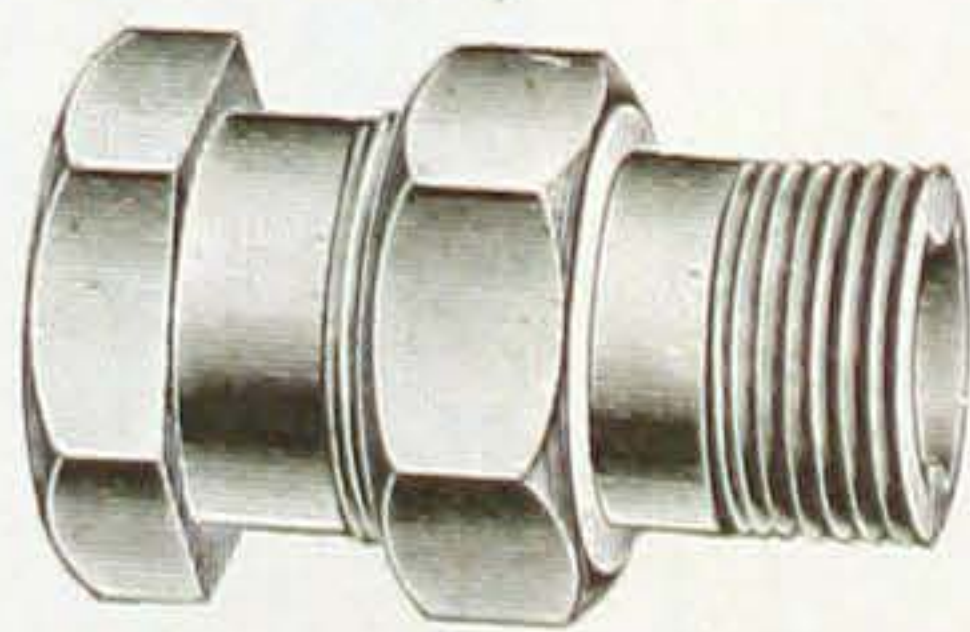
No. PSS 4239
EASY CLEAN FULLWAY VALVE, FEMALE BOTH ENDS,
AND WHEEL. Gun Metal.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 7/3 8/11 12/3 16/3 each.



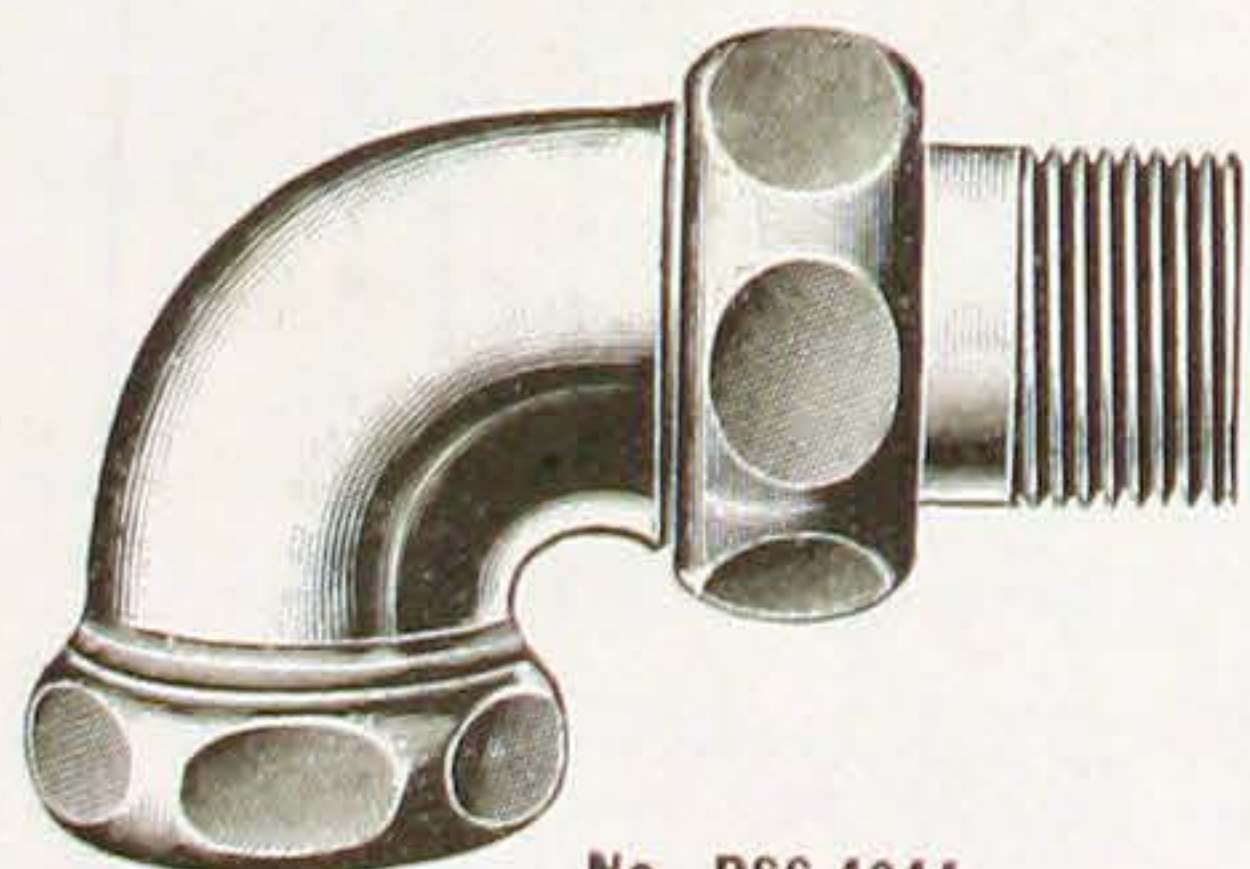
No. PSS 4240
EASY CLEAN FULLWAY VALVE with UNION and WHEEL.
Gun Metal.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 8/4 10/1 13/7 18/10 each.
Lock Shield Valves at same prices as those with Wheels.
Polished Keys for Lock Shields, extra.
Size .. 1" 1 1/2" 1 3/4" 2" 2 1/2" 3"
Price .. 11d. 11d. 1/2 1/2 each.



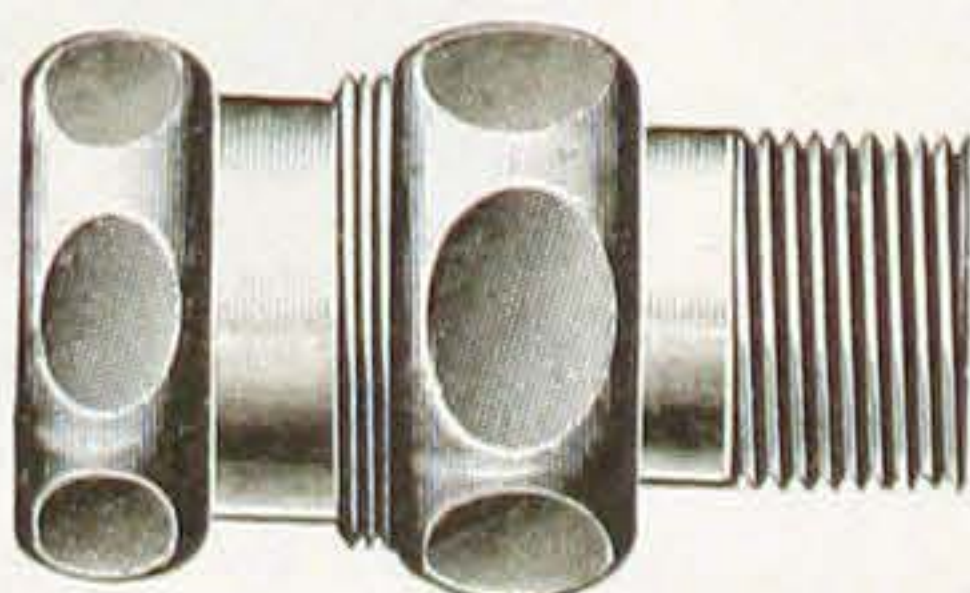
No. PSS 4241
GUN METAL ELBOW UNION.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 1/6 2/2 2/11 5/3 9/3 14/11 each.



No. PSS 4242
GUN METAL STRAIGHT UNION.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 1/6 2/2 2/11 5/3 9/3 14/11 each.



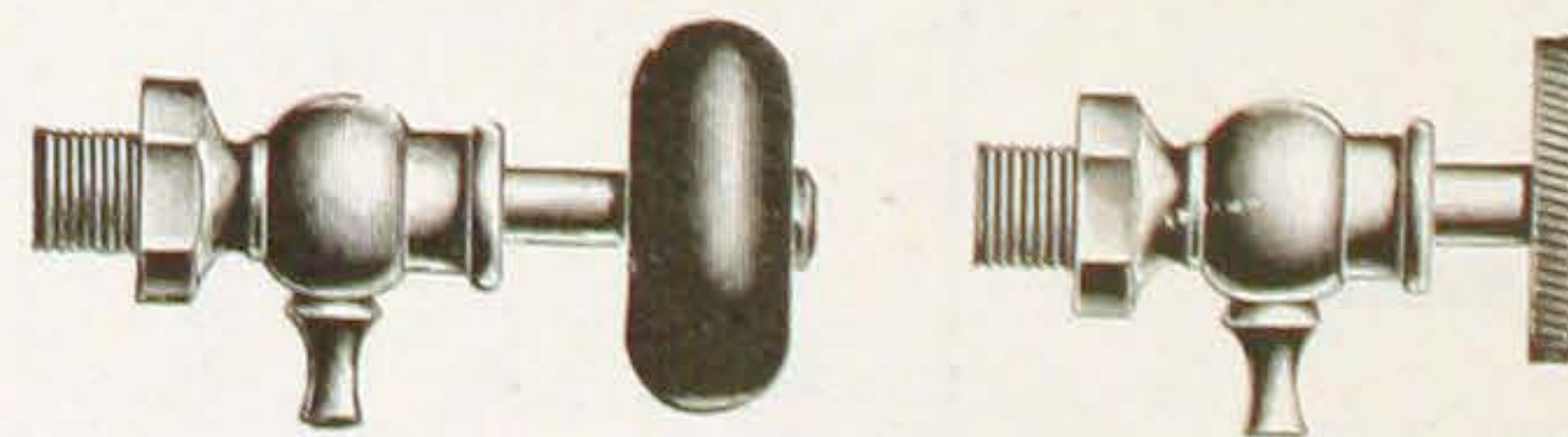
No. PSS 4244
GUN METAL ELBOW UNION, EASY CLEAN.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 2/3 2/10 4/- 6/7 each.



No. PSS 4243
GUN METAL STRAIGHT UNION, EASY CLEAN.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Price .. 2/1 2/9 3/9 6/7 each.

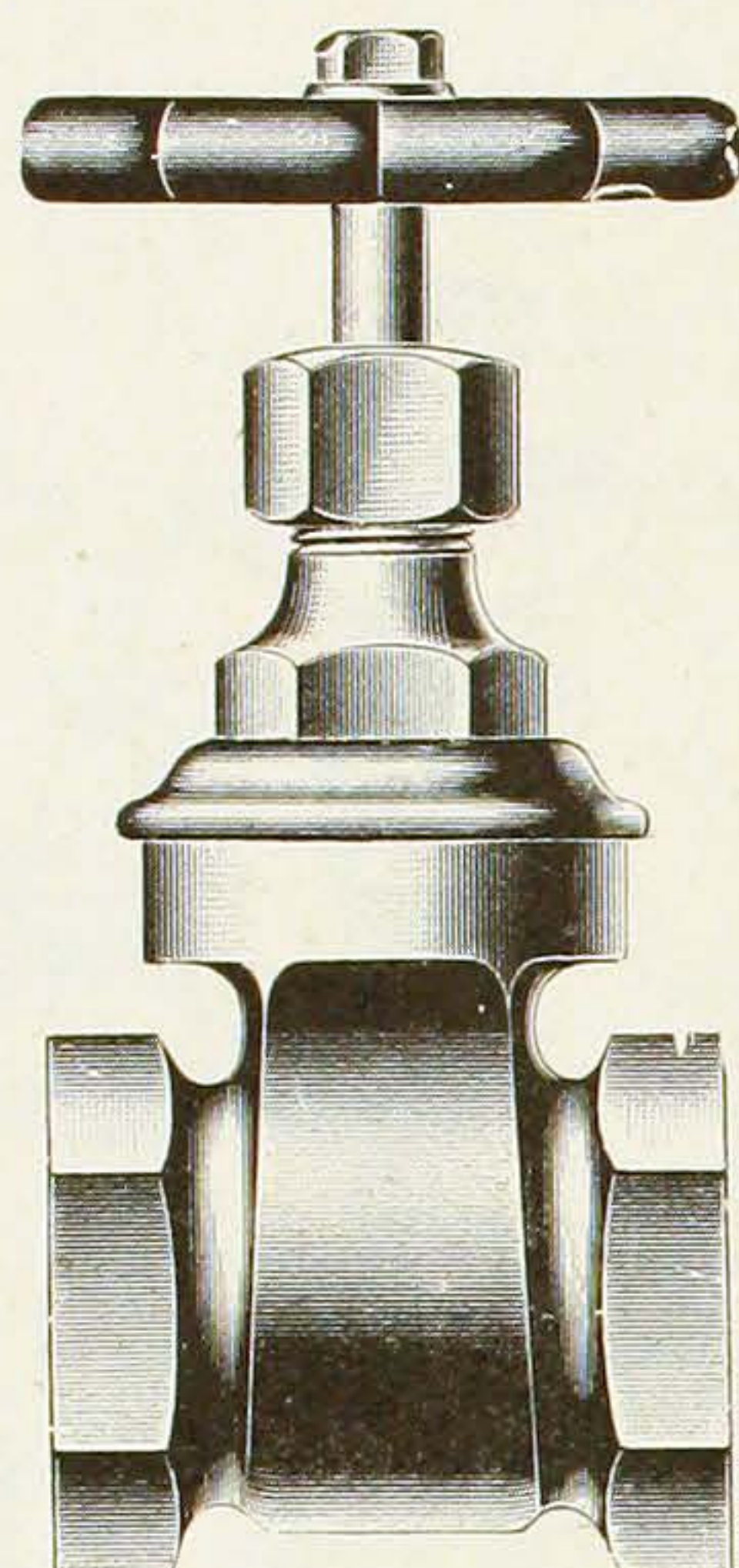


No. PSS 4137
RADIATOR AIR COCKS.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
Gun Metal, Polished .. 7d. 9d. each.
Nickel Plated extra .. 3d. 3d. "
Keys for above 6d. each.



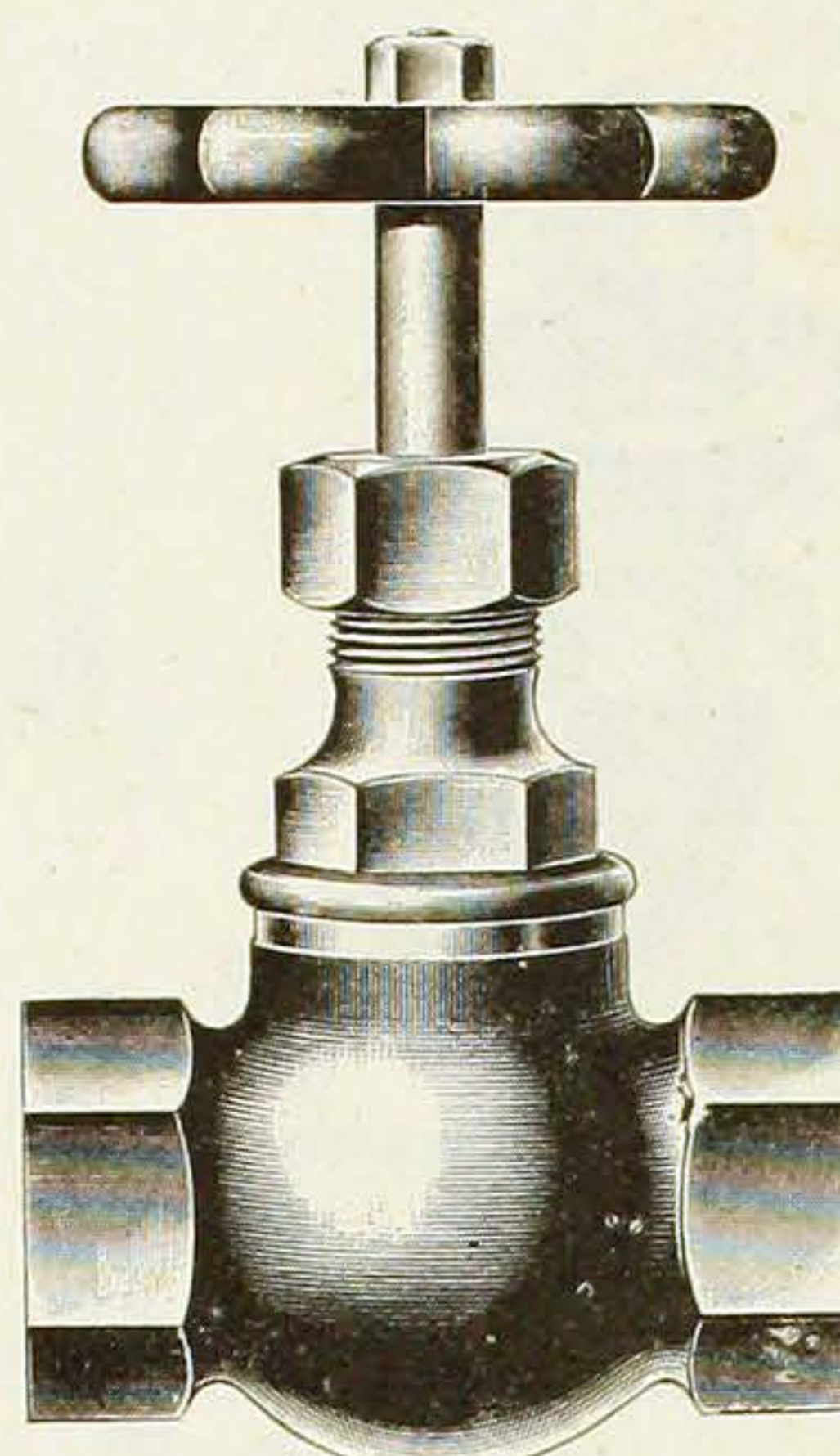
No. PSS 4136
RADIATOR AIR COCKS.
Size .. 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
No. PSS 4136 Gun Metal with Wood Wheel 1/- 1/3 each.
No. PSS 4138 Ditto, with Metal Wheel .. 9d. 11d. "
Nickel Plated, 3d. each, extra.

Valves, Cocks, etc.



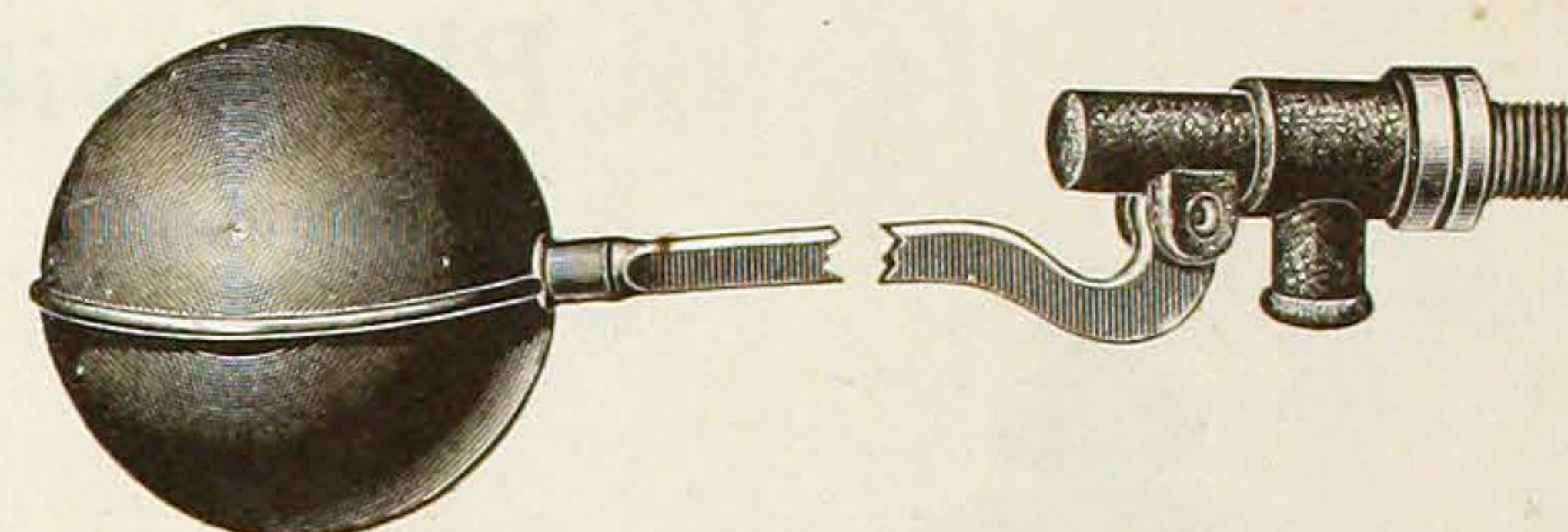
No. PSS 4130
FULLWAY GATE VALVES, TAPER WEDGES,
FEMALE ENDS, IRON WHEEL.

Size	1/4"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	4/5	4/7	5/10	7/6	10/6	13/7	18/5 each.



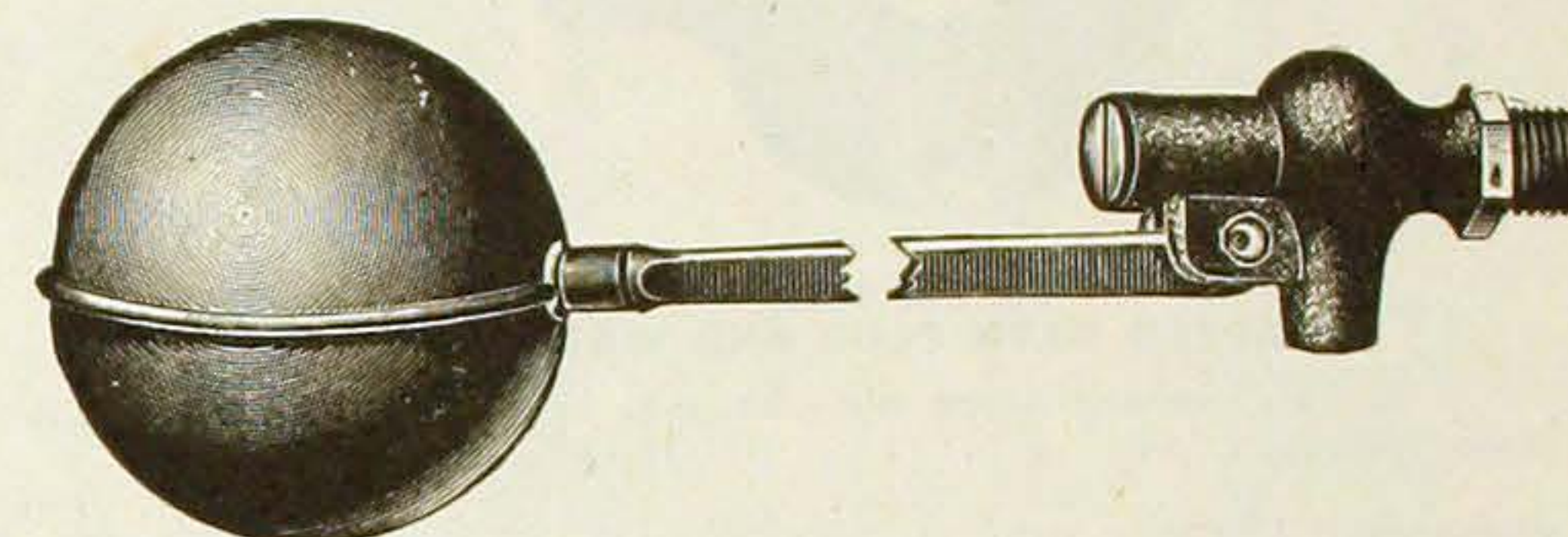
No. PSS 4247
GLOBE STEAM VALVES, FEMALE ENDS, IRON
WHEELS.

Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	3/3	3/6	4/-	5/10	7/11	12/3	14/11	22/9 each.



No. PSS 4261 BALL VALVE. Low Pressure.

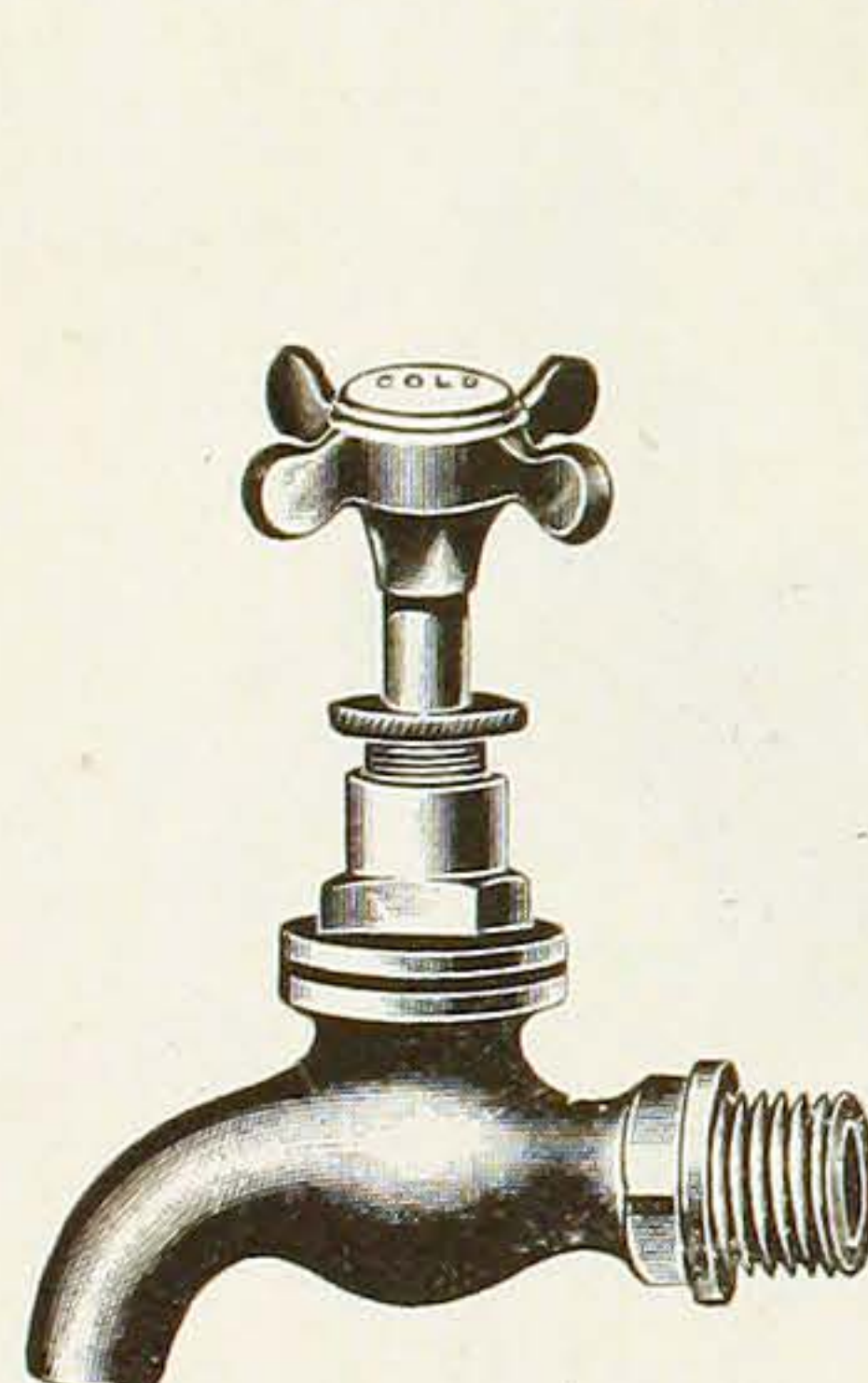
Size	3/8"	1/2"	3/4"	1"
Screwed Iron	3/9	4/2	6/-	9/9 each.
Plain Tails	3/9	4/2	6/-	9/9 "
Screwed Boss	4/1	4/8	6/8	10/9 "
With Long Tail, Back Nut and Union	4/4	4/10	6/11	11/3 "



No. PSS 4257 BALL VALVE.

Size	3/8"	1/2"
Screwed Iron, as engraved	3/6	3/9 each.
Plain Tails	3/6	3/9 "
Screwed Boss	3/11	4/2 "
With Long Tail Back Nut and Union	4/2	4/5 "

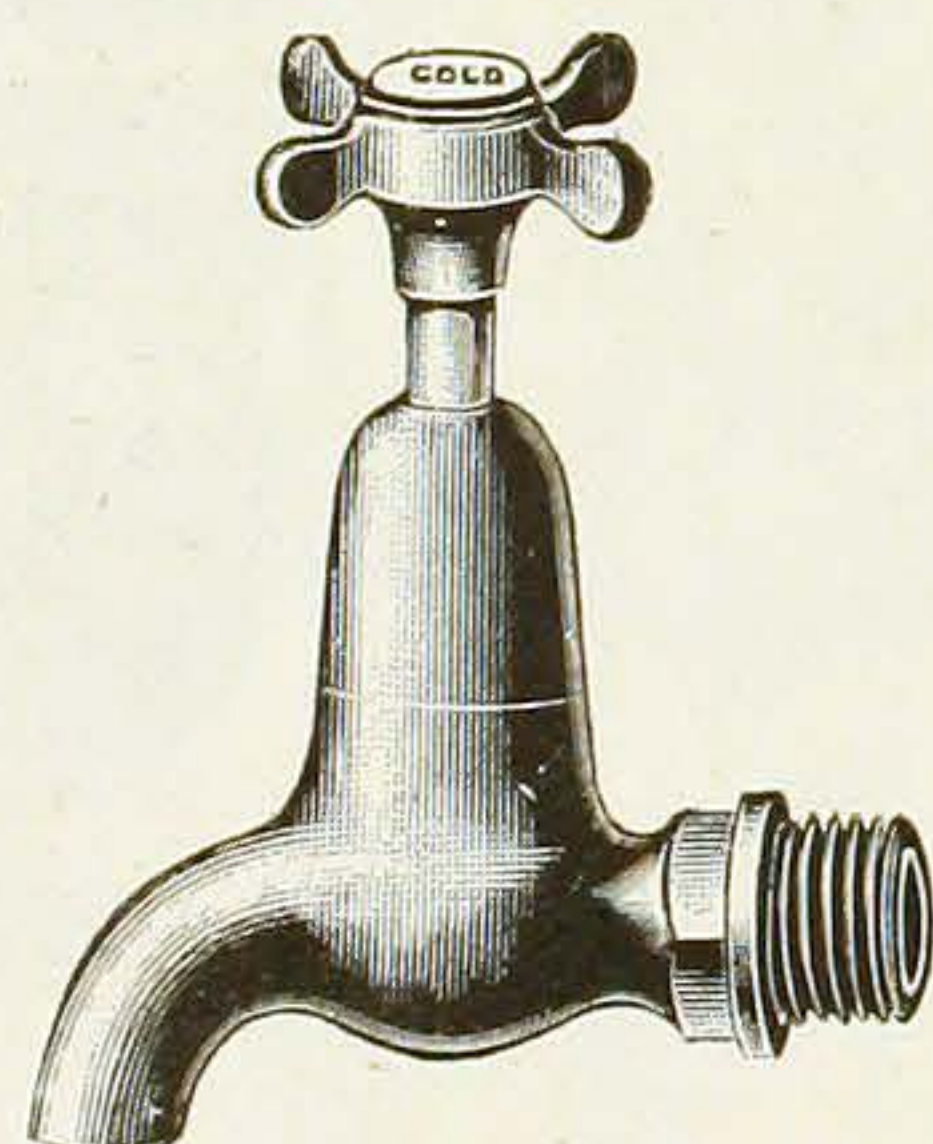
(Above price includes Copper Balls).



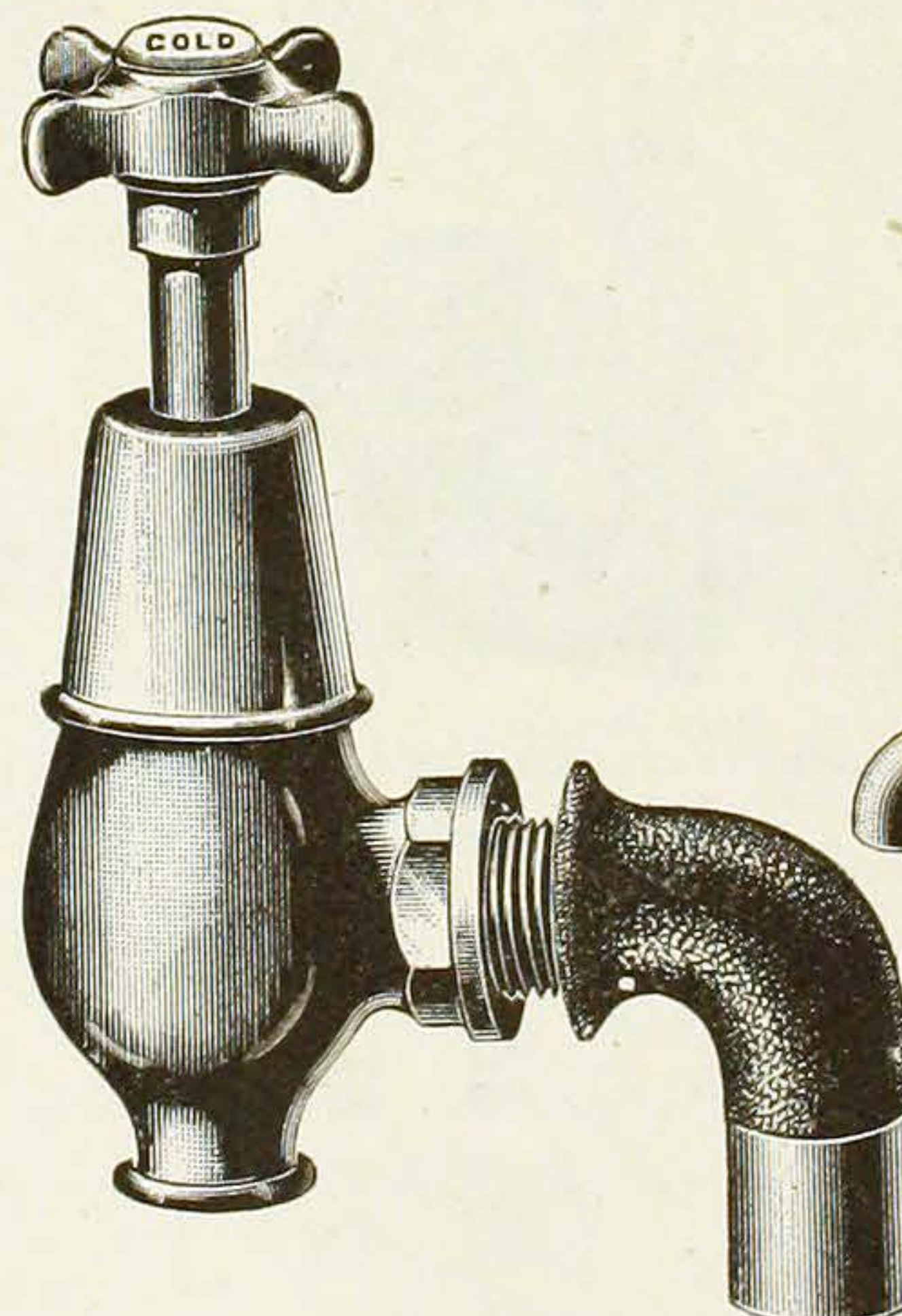
No. PSS 4262

BATH COCKS.

Size	1/2"	3/4"
No. PSS 4262 Medium quality.		
Screwed Iron	3/8	5/6 each.
Plain Tail	3/8	5/6 "
Screwed Boss	4/-	6/2 "
No. PSS 4263		
Screwed Iron	4/3	6/6 each.
Plain Tail	4/3	6/6 "
Screwed Boss	4/8	7/- "

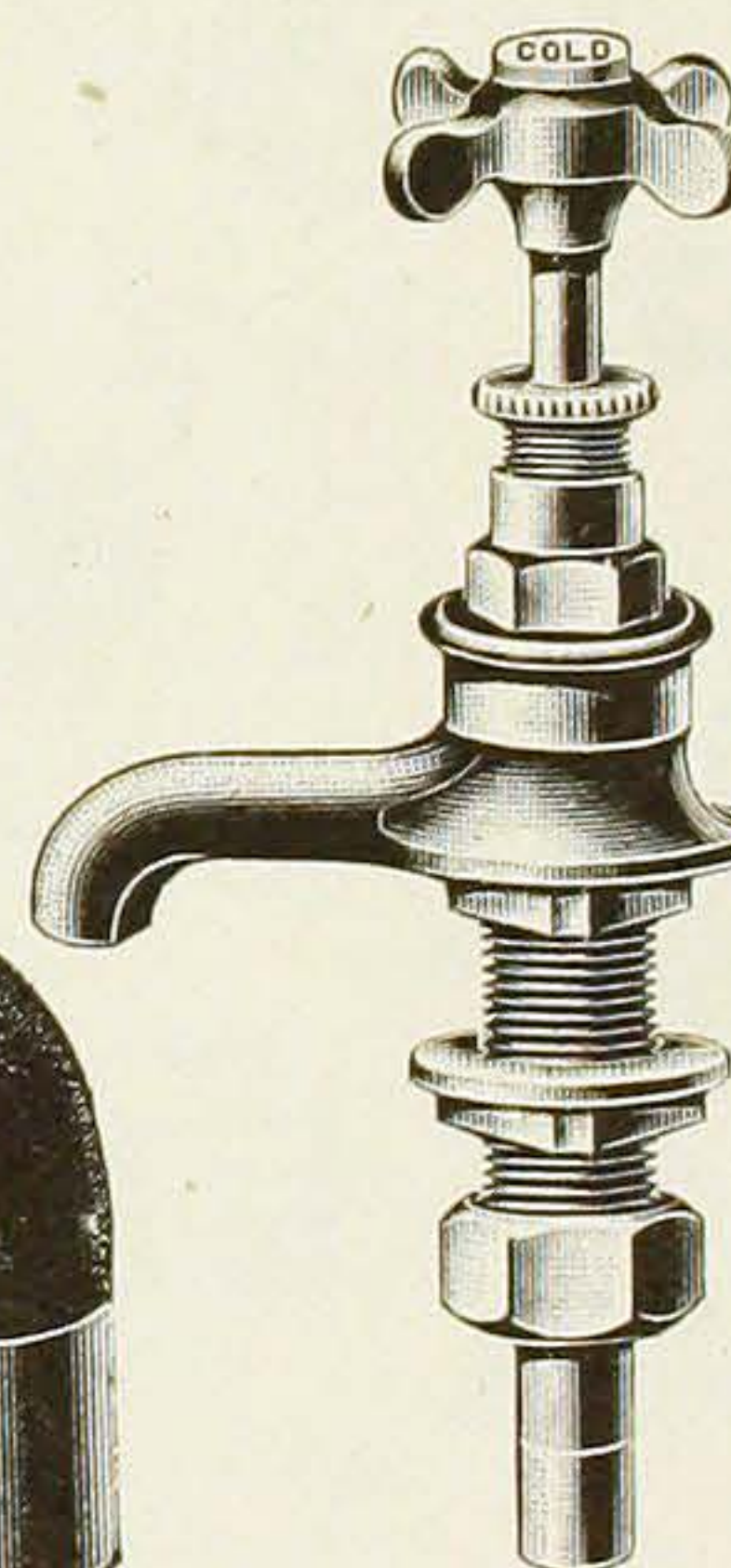


No. PSS 4263

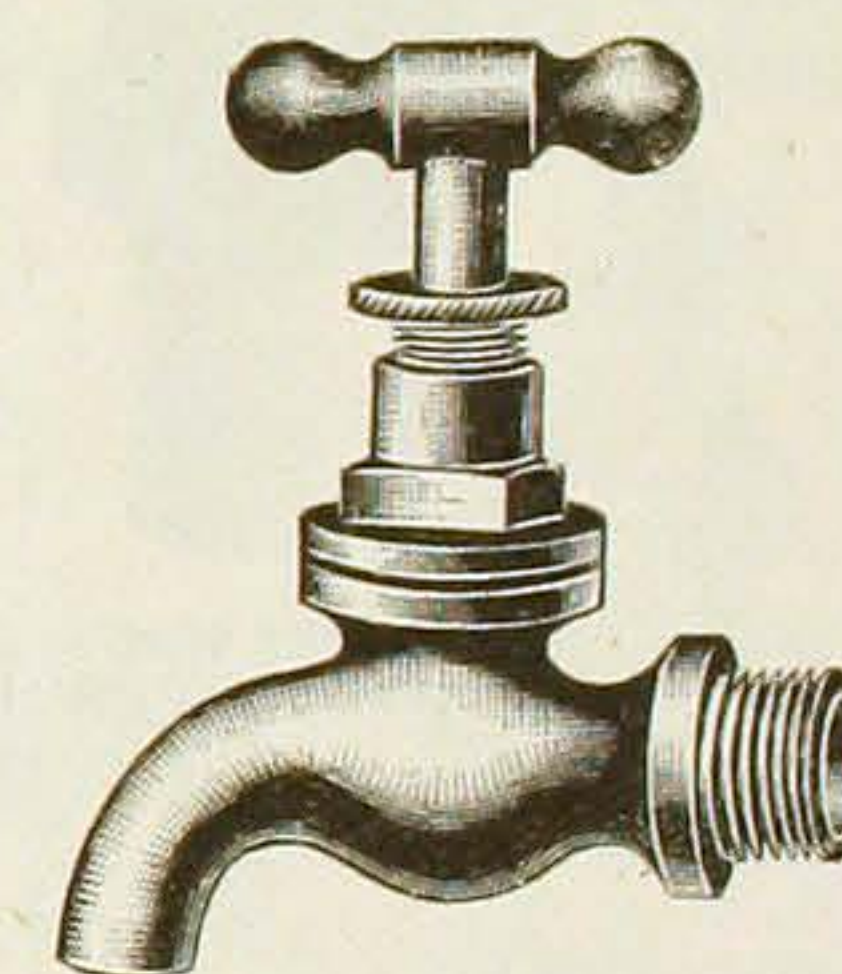


No. PSS 4264 BATH COCKS. LIGHT QUALITY.

No. PSS 4264	Size 1/2"	Price 4/6 each.
	Nickel Plated, extra	9d. each.
No. PSS 4265	Size 3/4" nose projection 1 1/4"	
Polished Brass	4/6 each.	Nickel Plated, 9d. each extra.

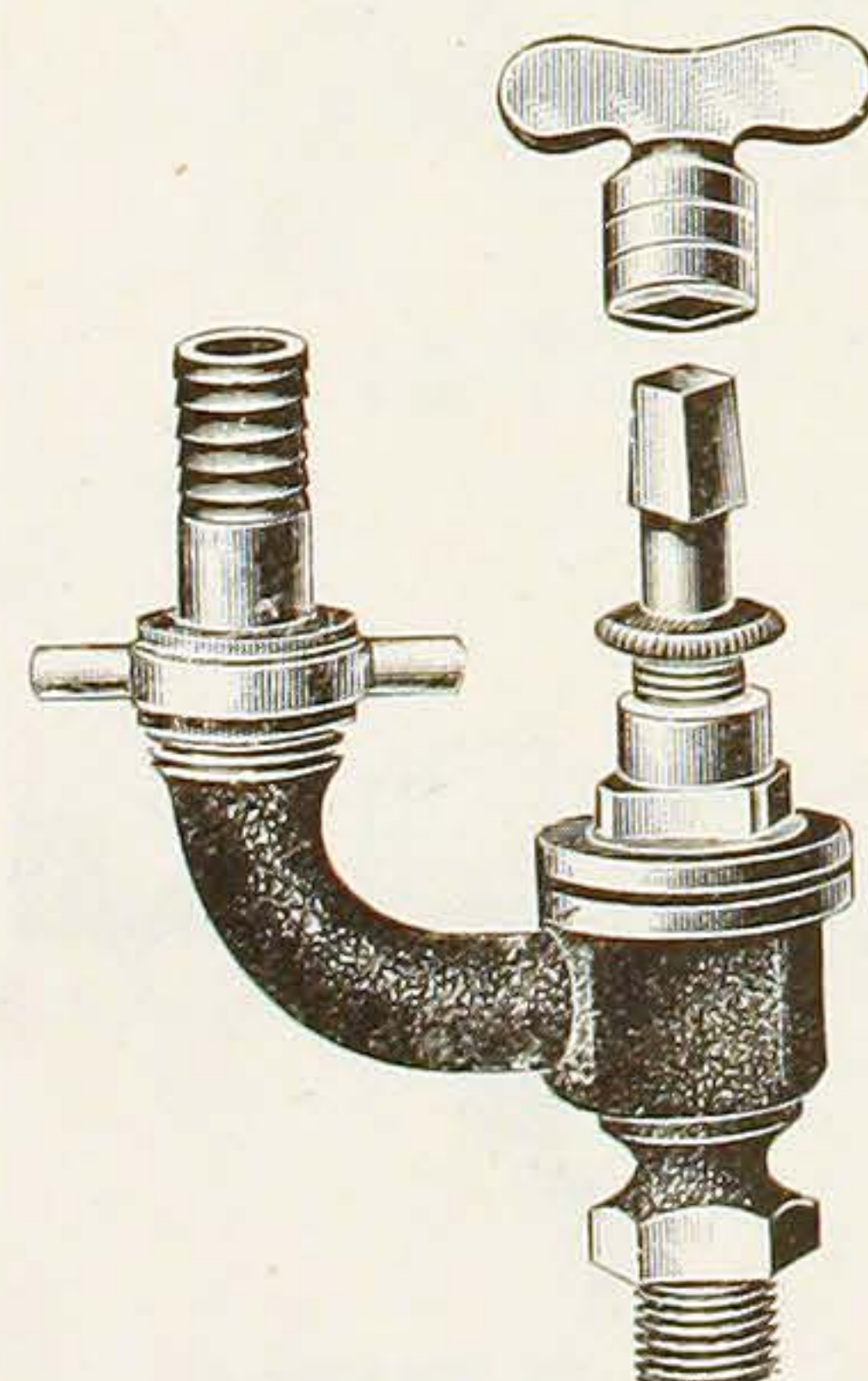


No. PSS 4265 Polished Brass.



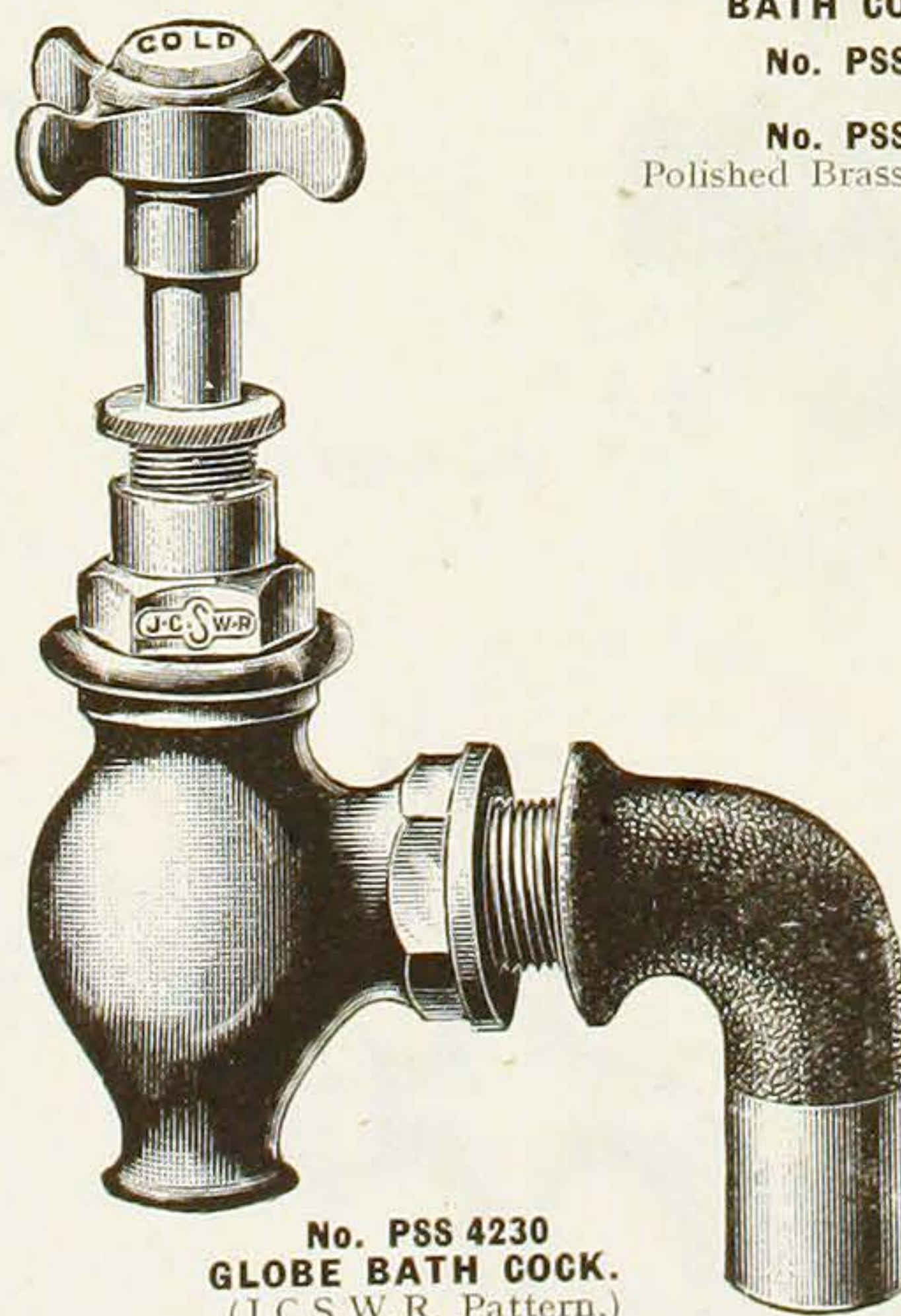
No. PSS 4254 BIB COCK.

Size	3/8"	1/2"	3/4"	1"
Screwed Iron as illustration	2/7	2/9	4/7	6/11 each.
With Plain Tail	2/7	2/9	4/7	6/11 "
With screwed Boss	3/-	3/3	5/3	7/11 "



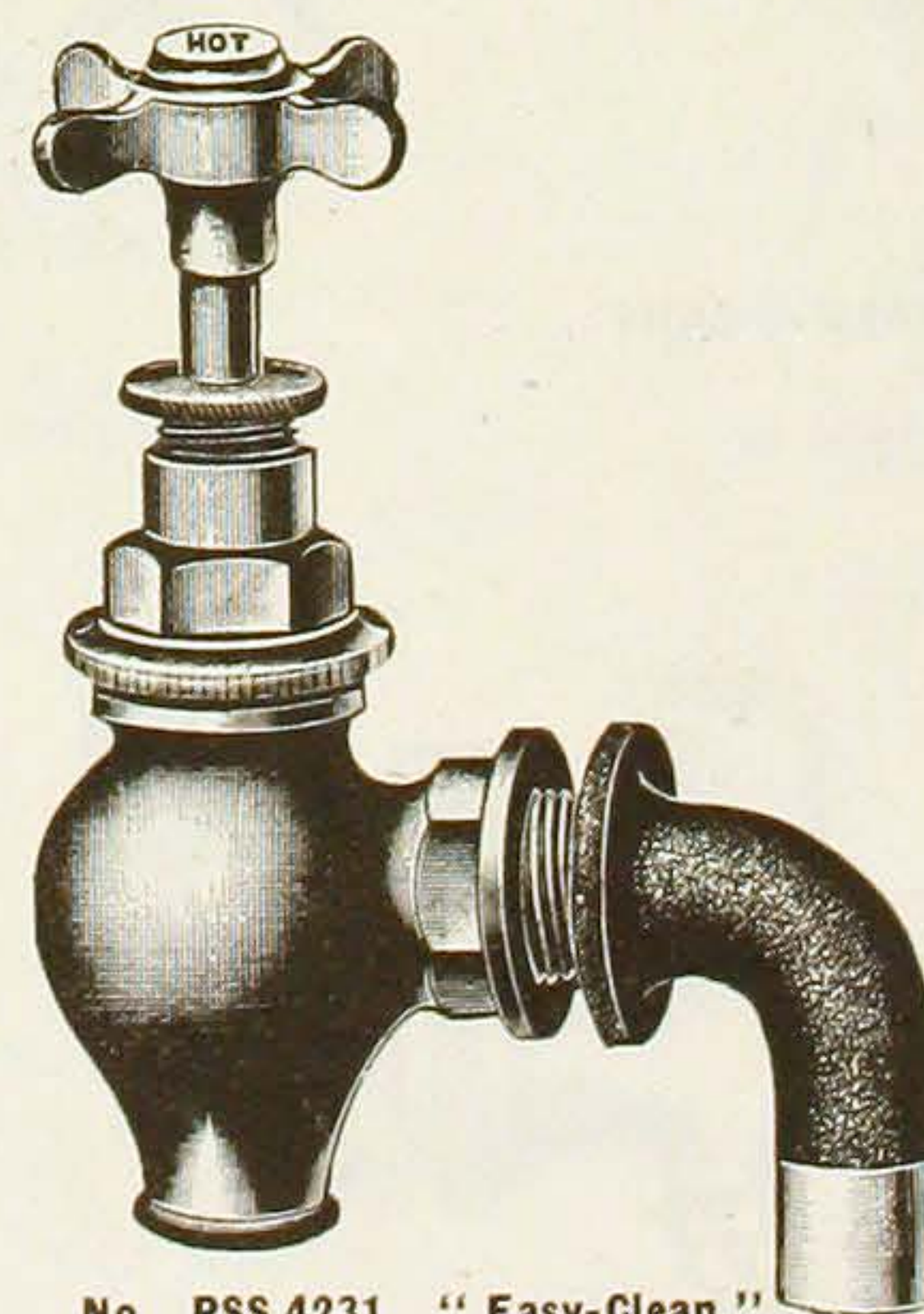
No. PSS 4232 HOSE COCK.

Size	1/2"	3/4"	1"
	6/9	8/9	12/6 each.



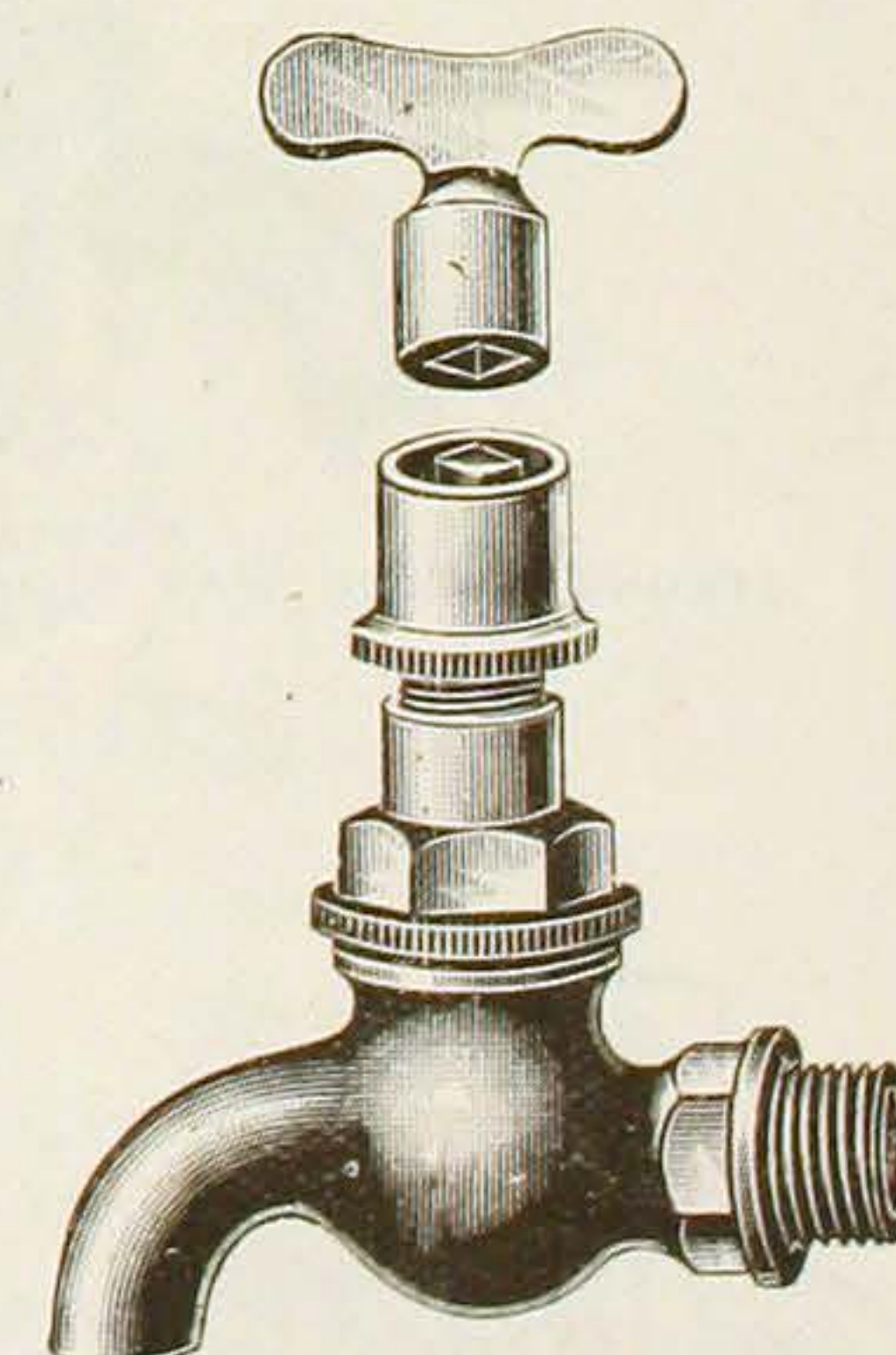
No. PSS 4230 GLOBE BATH COCK. (J.C.S.W.R. Pattern.)

Size	1/2"	3/4"
Polished Brass	6/10	7/6 each.
Gun Metal	7/6	8/3 "
Nickel Plated, extra	1/-	1/- "
White Metal	1/9	2/- "



No. PSS 4231 "Easy-Clean."

Size	1/2"	3/4"
Polished Brass	8/9	8/9 each.
Gun Metal	9/9	9/9 "
Nickel Plated, extra	1/-	1/- "
White Metal	2/3	2/3 "

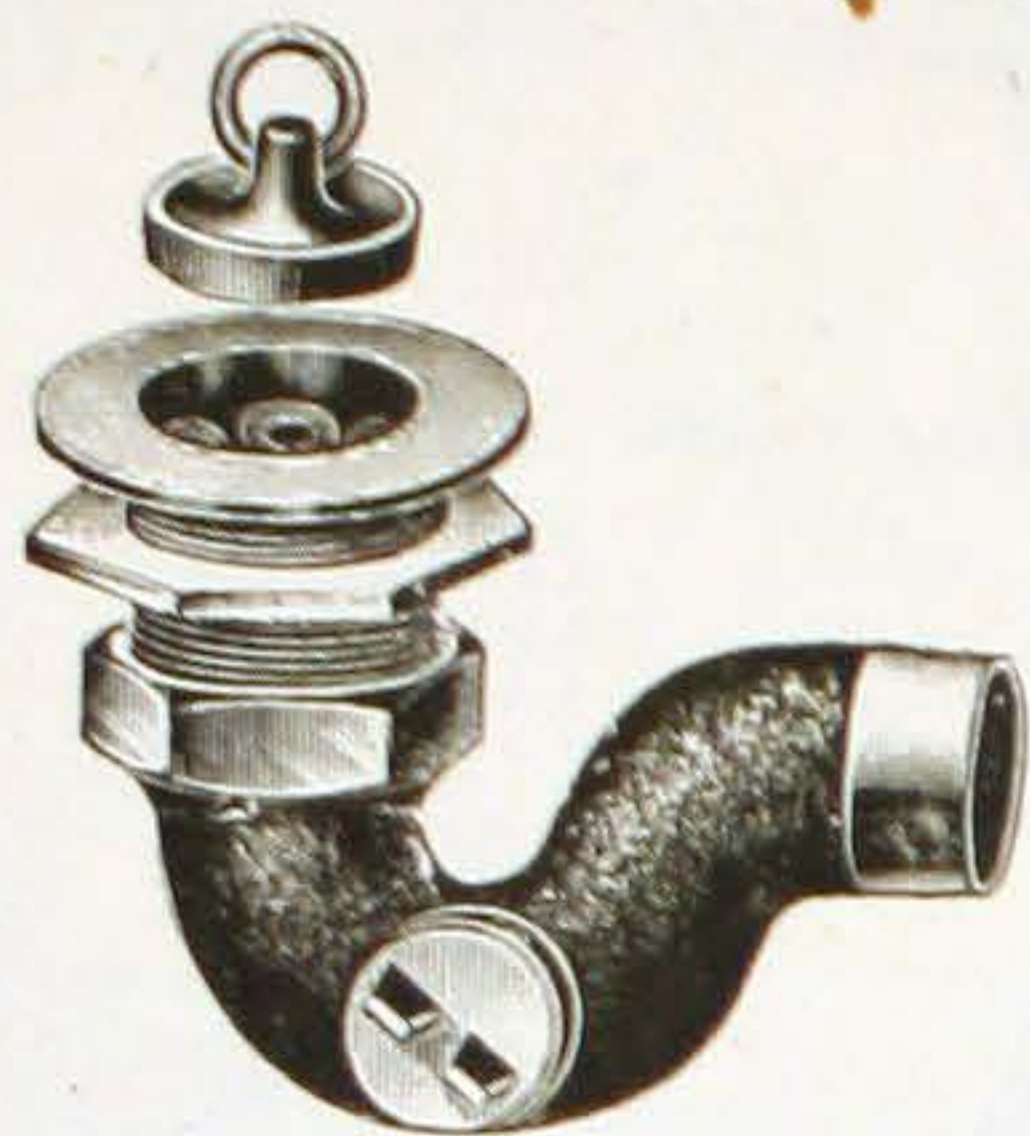


No. PSS 4223 HIGH PRESSURE COCK.

Screwed for Iron, with Shield Head and Loose Key.

Size	1/2"	3/4"	1"
	5/-	5/3	8/- 12/6 each.
Extra with Union on Nose for Hose.			
Size	1/3	1/3	2/- 3/5 each.

Plugs with Wastes, Bib Cocks, etc.



No. PSS 4287
TRAPPED BATH PLUG AND WASTE.

With Cleansing Screw on each side of Trap.				
Size outlet for Lead	1 1/4"	1 1/2"	1 3/4"	2"
Diameter of Flange	2 1/2"	3"	3 1/2"	4"
Brass	4/7	6/7	13/9 each	
Nickel Plated, extra	5d.	5d.	7d.	
White Metal, extra	1/-	1/5	2/10	



No. PSS 4288
No. PSS 4289
BATH PLUG AND WASTE.

Size outlet for Lead	1 1/4"	1 1/2"	2"
Diameter of Flange	2 1/2"	3"	3 1/2"
No. PSS 4288 With Brass Plug	3/3	4/6	8/- each.
No. PSS 4289 With Rubber Plug	3/6	4/9	8/3
Extra Nickel Plated	5d.	5d.	7d.
White Metal	8d.	11d.	1/7



No. PSS 4290
No. PSS 4291
LAVATORY PLUG AND WASTE.

With Secret Overflow.				
Size Outlet for Lead	1"	1 1/4"	1 1/2"	1 3/4"
Diameter of Flange	2 1/2"	2 3/4"	3"	3 1/2"
Depth of screw	2 1/2"	2 3/4"	3"	3 1/2"
No. PSS 4290 With Brass Plug	2/5	3/3	4/2 each.	
No. PSS 4291 With Rubber Plug	2/7	3/5	4/4	
Extra, Nickel Plated	5d.	5d.	5d.	
White Metal	6d.	8d.	11d.	



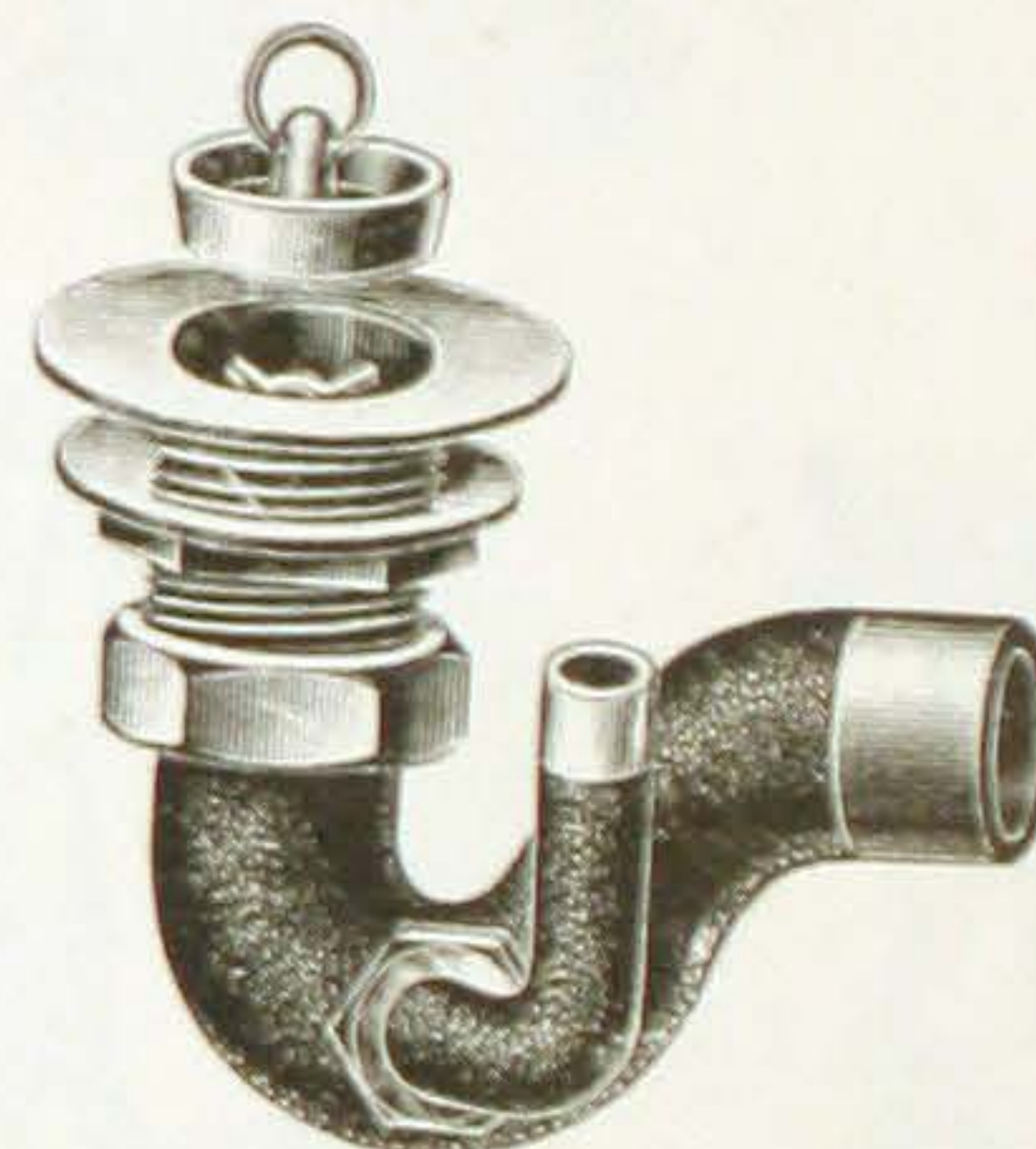
No. PSS 4292
PLUG AND WASTE FOR FIRE CLAY.

Size Union for Lead	1"	1 1/4"	1 1/2"	2"
Diameter Flange	2 1/2"	2 3/4"	3"	3 1/2"
Depth of Screw	3 1/2"	3 1/2"	3 1/2"	3 1/2"
Secret Overflow with Brass Plug	3/2	3/6	4/6	7/- each.
Ditto, with Rubber Plug	3/3	3/8	4/9	7/3



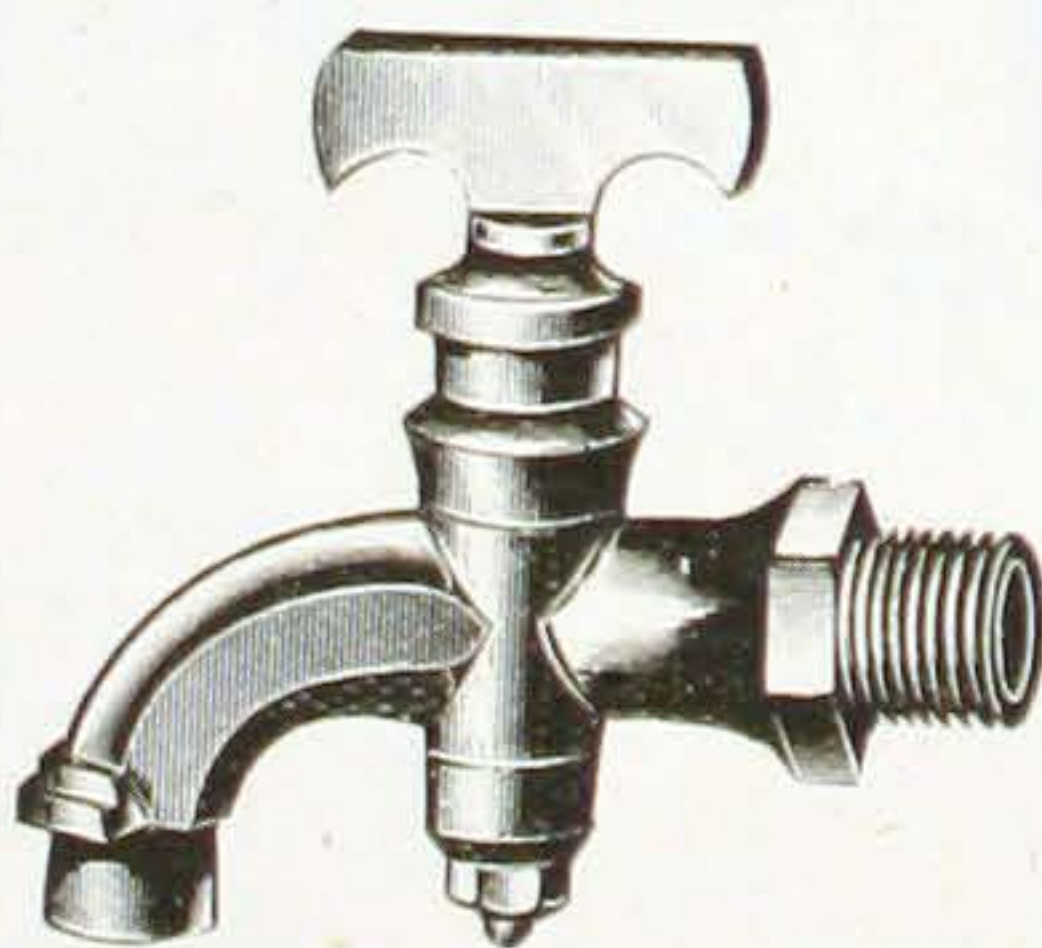
No. PSS 4293
BATH OVERFLOW.

With Loose Brass Face, Snug and Ring for Chain.			
Size Outlet for Lead	1"	1 1/4"	1 1/2"
Brass	1/6	1/9	2/8 each.
Nickel Plated, extra	5d.	5d.	5d.
White Metal	4d.	5d.	7d.



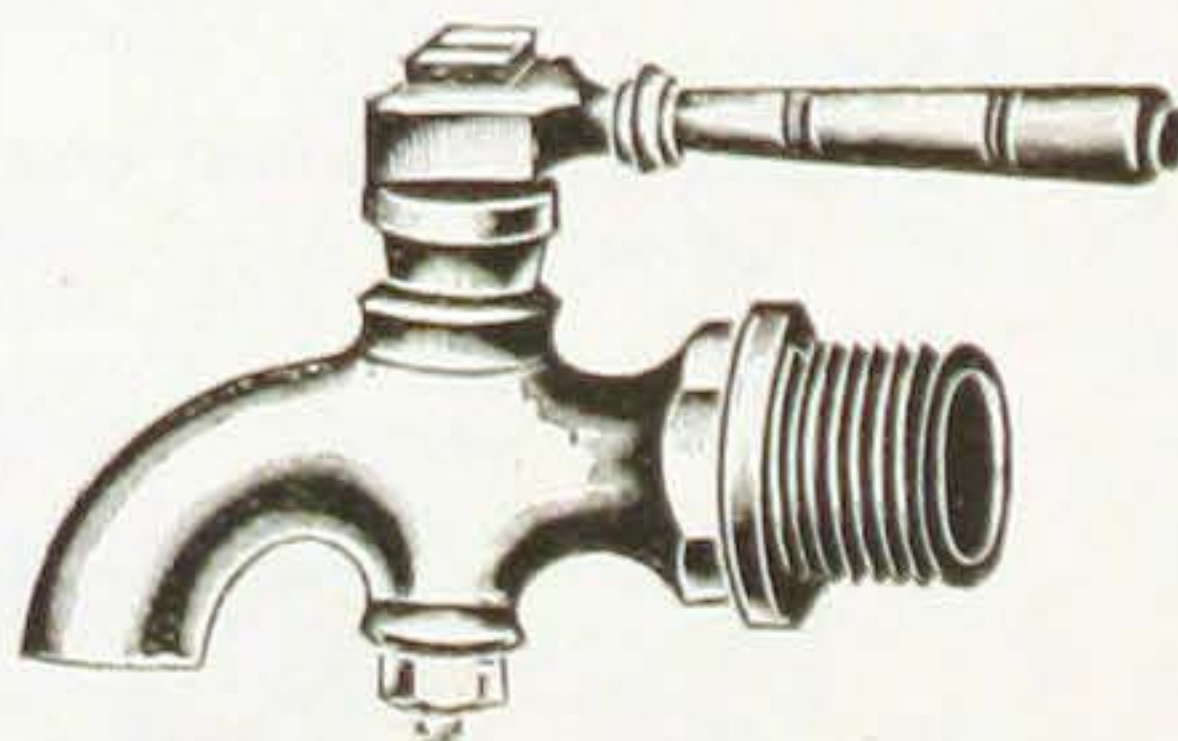
No. PSS 4294
TRAPPED BATH PLUG AND WASTE.

With Overflow on side interchangeable with cap on other side.			
Size Outlet for Lead	1"	1 1/4"	1 1/2"
Diameter of Flange	2 1/2"	2 3/4"	3"
With Overflow Bend	1"	1 1/4"	1 1/2"
Brass	8/4	11/6 each.	
Nickel Plated, extra	5d.	5d.	



No. PSS 4300
STRONG SQUARE WAY PLUG COCK, SQUARE BARREL.

Size	1/2"	3/4"	1"	1 1/4"
Price	2/3	3/2	4/6	6/10 each.



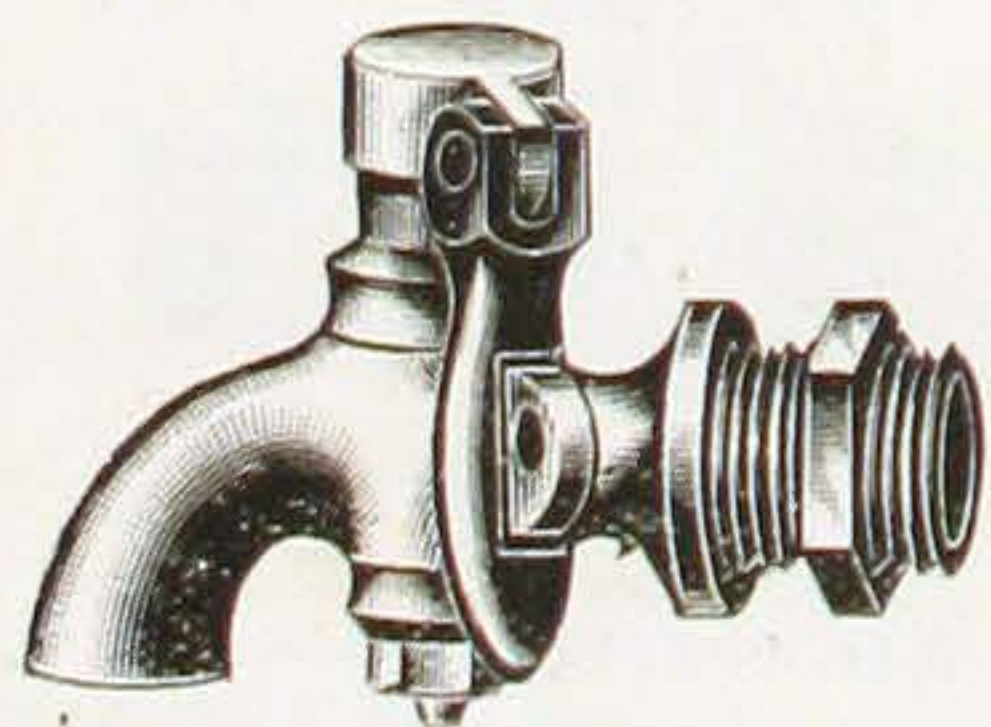
No. PSS 4298

DRAW-OFF COCKS.

No. PSS 4298	Size	1/2"	3/4"	1"
No. PSS 4299	Light Pattern	2/4	2/8	3/1
	Medium	2/6	3/7	4/-

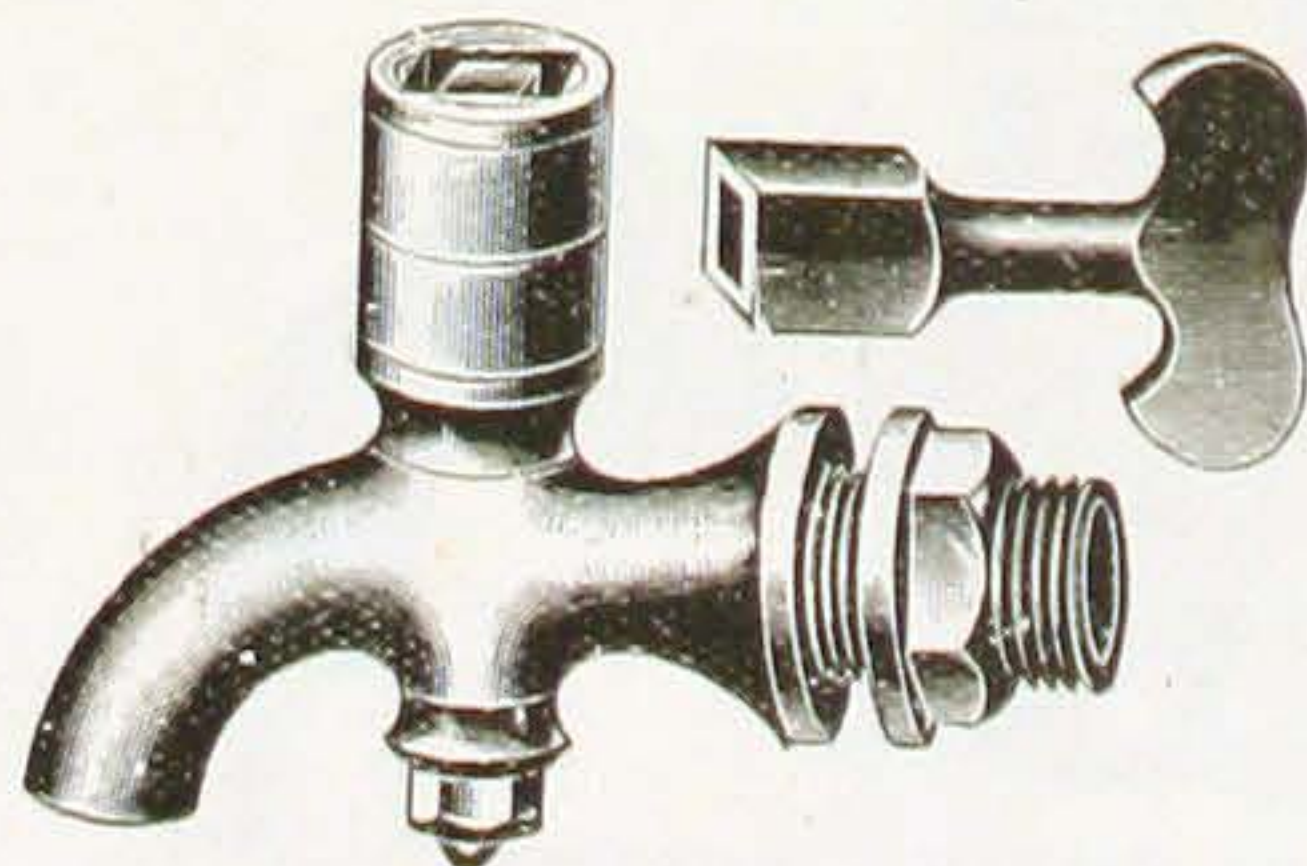
No. PSS 4299

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	4/10	12/10	16/4	32/8 each.		
	6/6	15/2	24/6	36/2		



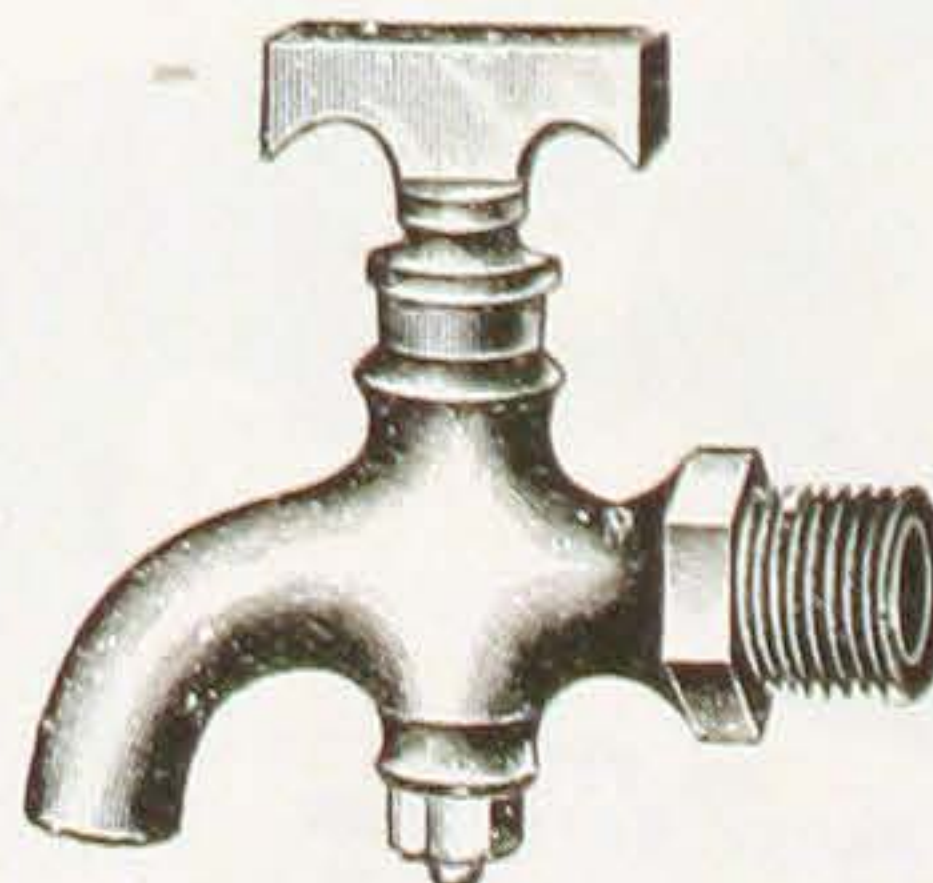
No. PSS 4295
MEDIUM TANK COCK.

No. PSS 4295	With Iron Side Lever.				
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
No. PSS 4296	With Brass Side Lever.	2/9	3/9	5/3	12/10 17/6 each.
		3/-	4/-	5/7	14/- 19/3



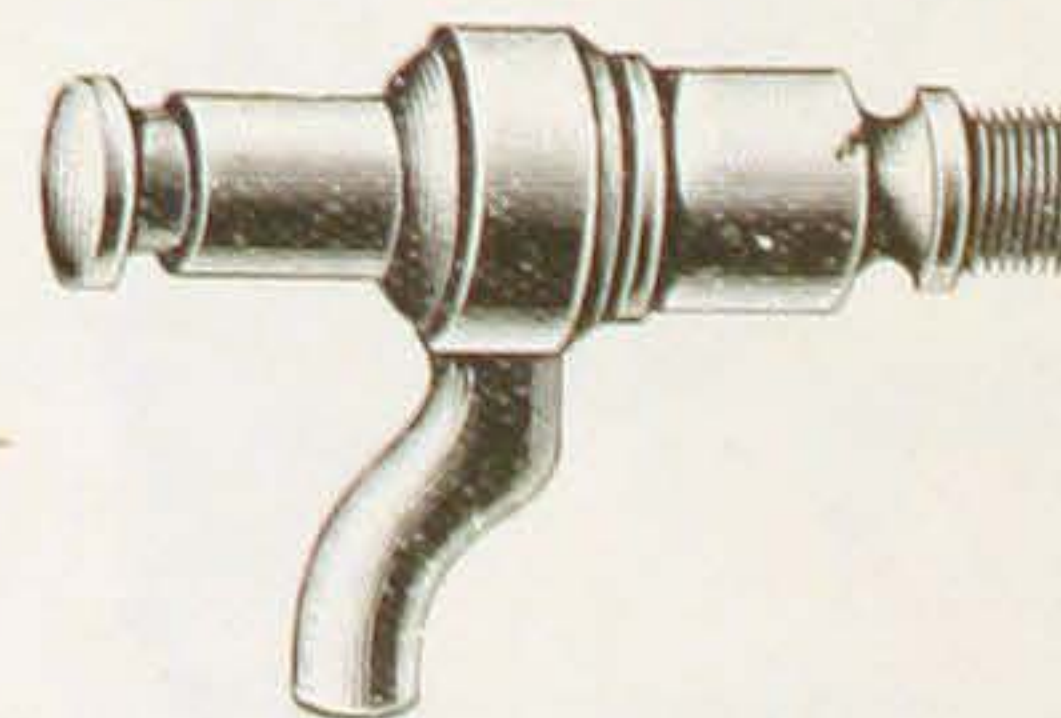
No. PSS 4301
LOCK TANK COCK.

Size	1/2"	3/4"	1"
With Brass Key	3/9	5/6	7/9 each.



No. PSS 4297
PLUG BIB COCK, Medium.

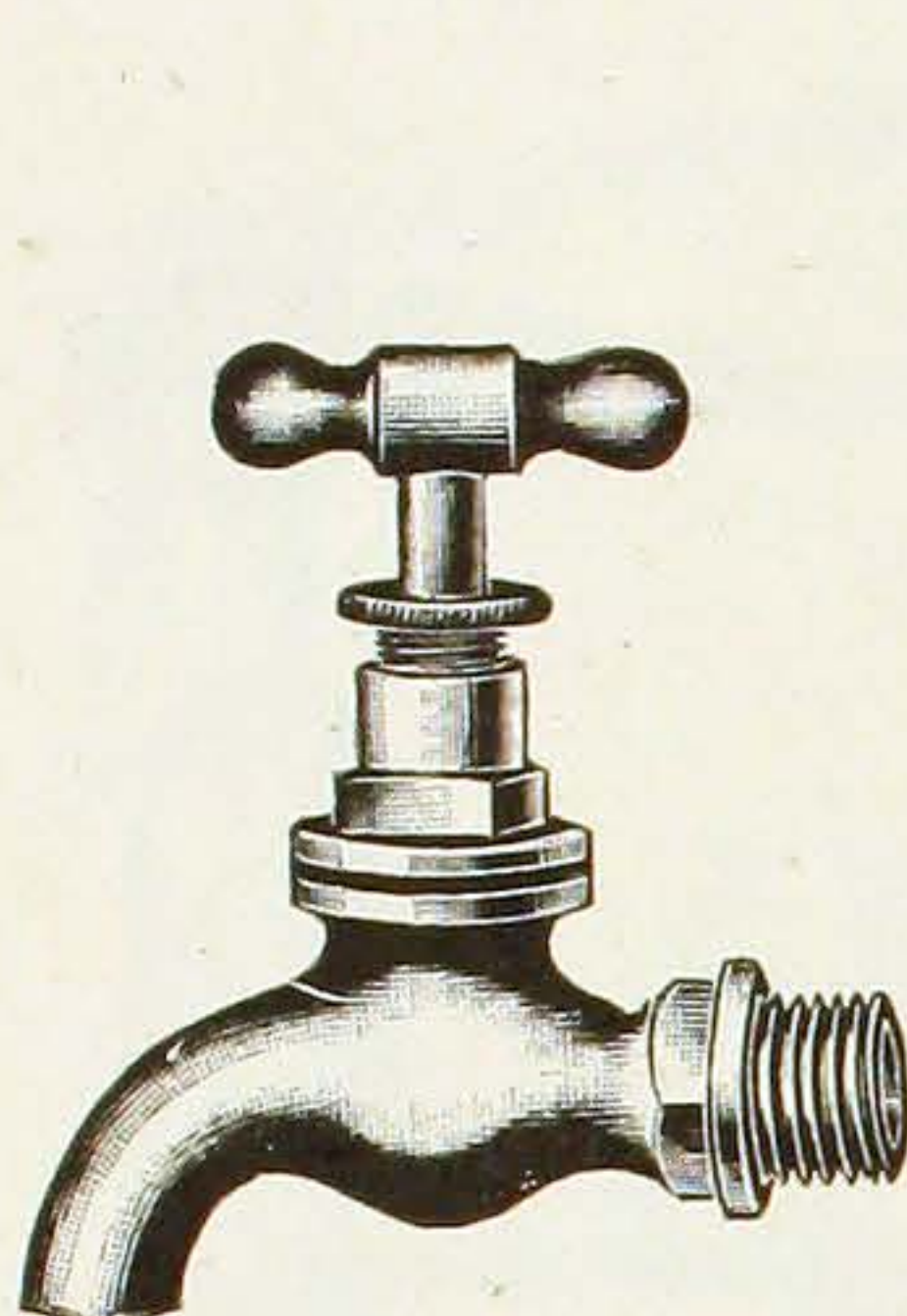
Size	1/2"	3/4"	1"
Price	1/11	2/2	3/- 5/- each.



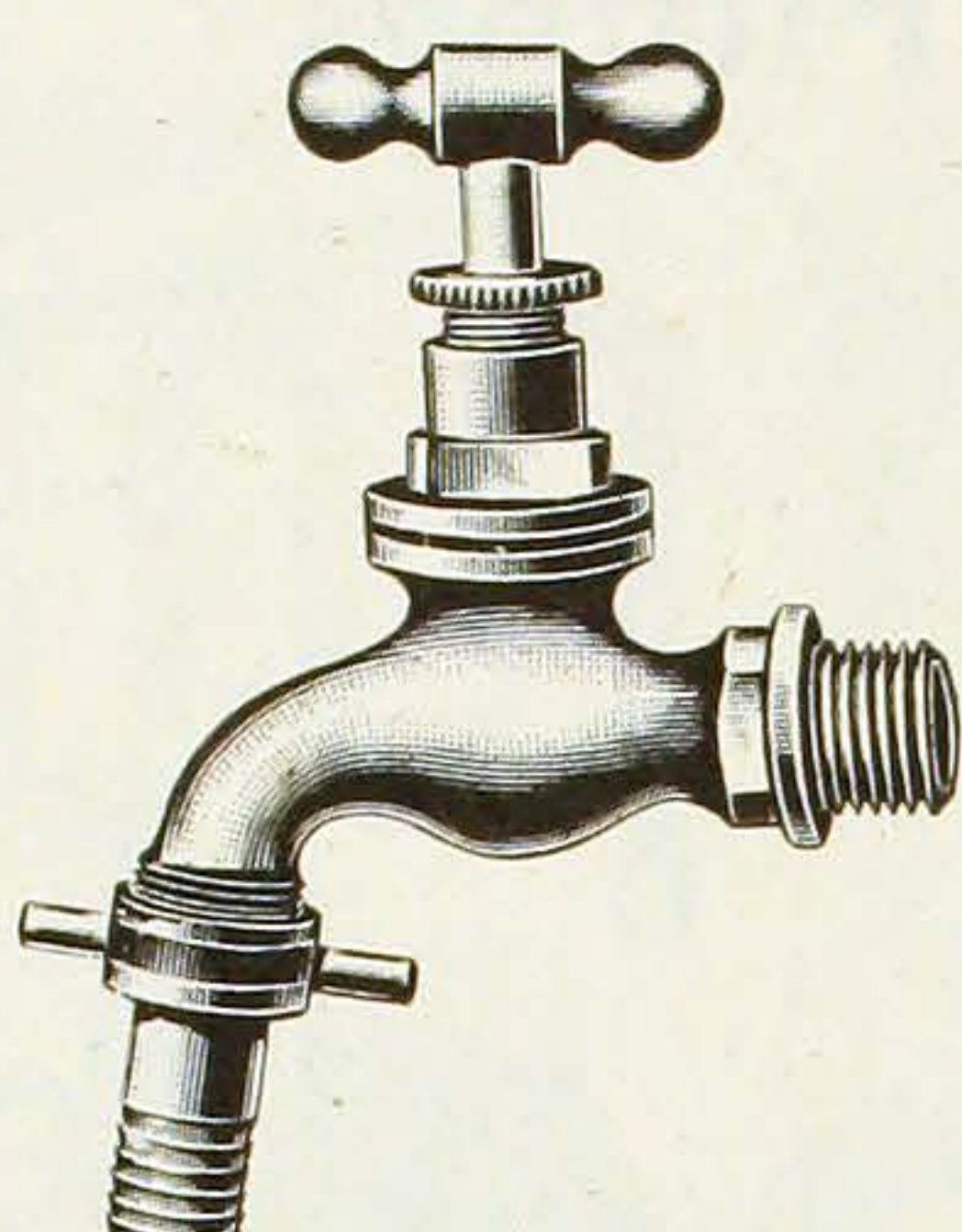
No. PSS 4266
SELF-CLOSING WATER COCK.

Screwed Iron. Polished Brass.			
Size	1/2"	3/4"	1"
Price	4/5	4/8	8/2 10/- each.

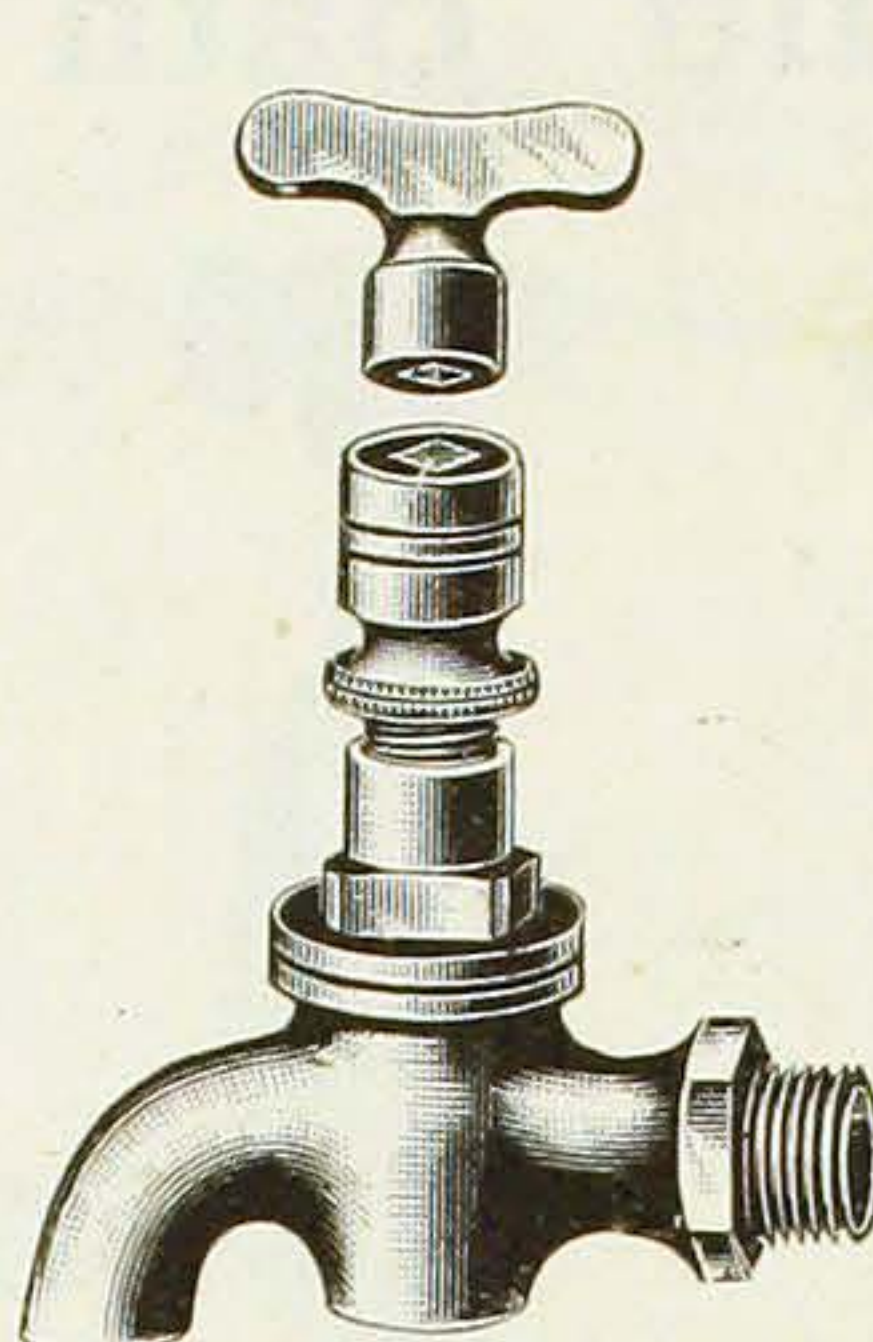
Bib Cocks, Lavatory Cocks, Pressure Cocks, etc.



No. PSS 4258



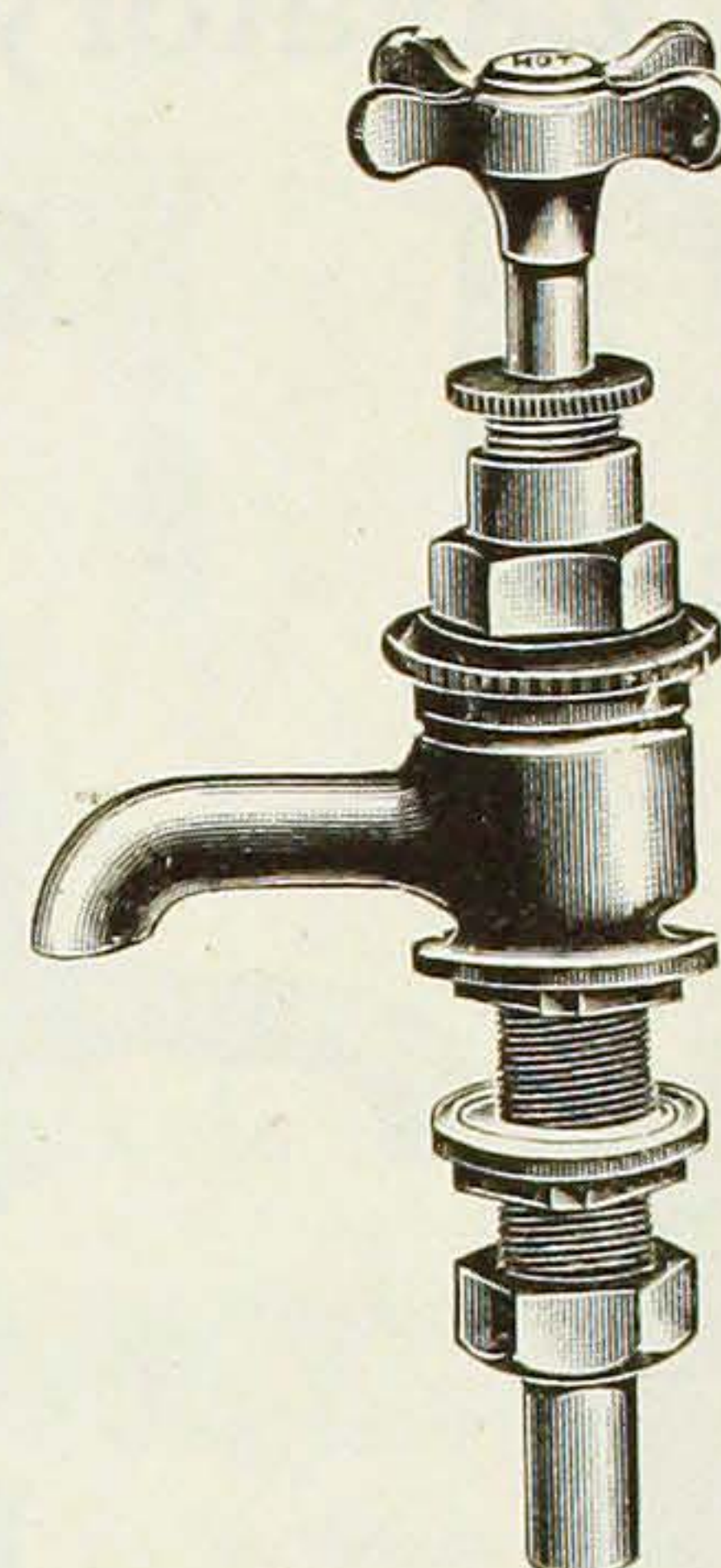
No. PSS 4259



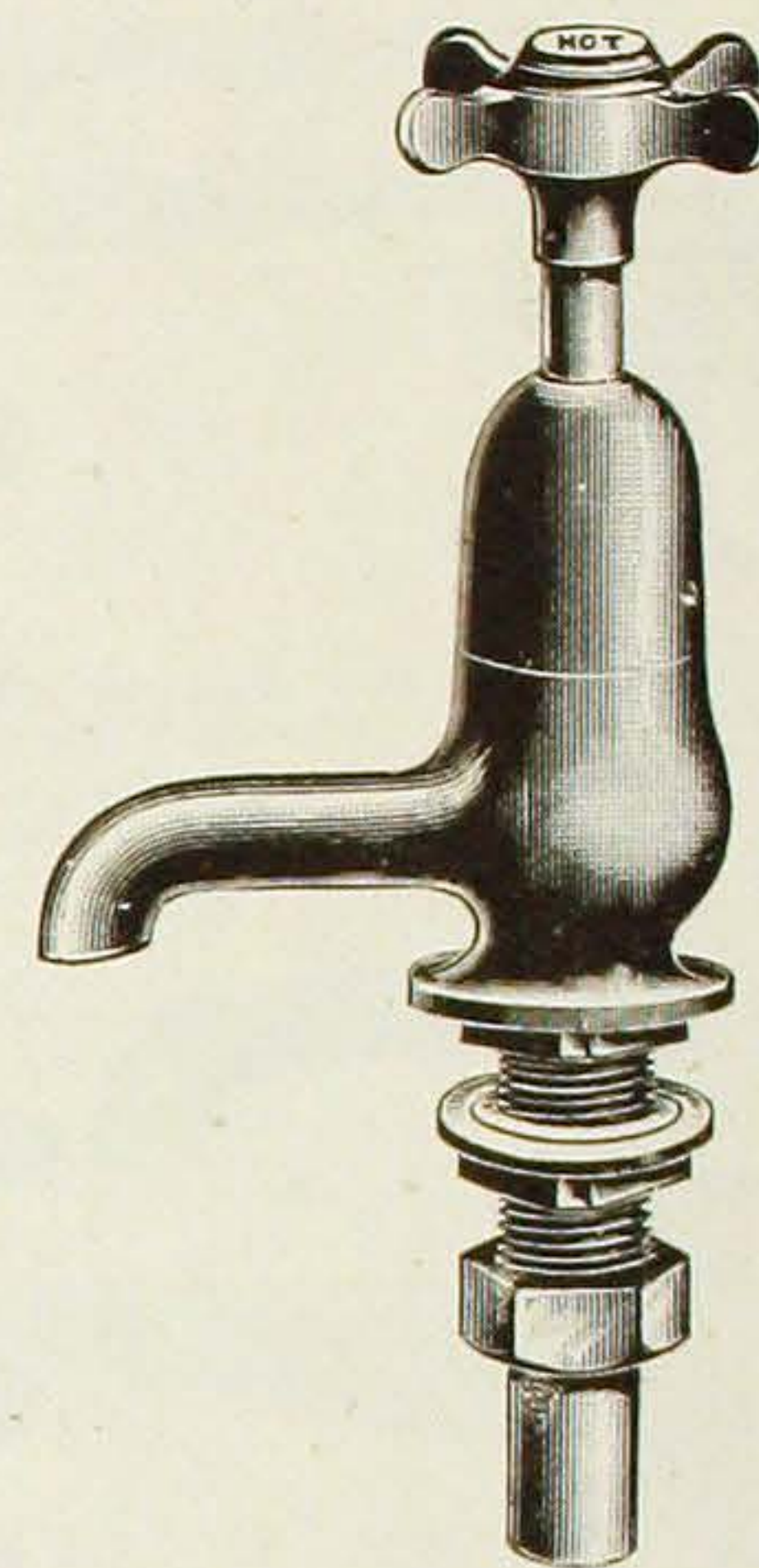
No. PSS 4260

MEDIUM QUALITY BIB COCKS.

No.	Size	Material	3"	1"
No. PSS 4258	Screwed Iron, as Engraved	2/10	3/3	4/10 7/9 each.
	Plain Tail	2/10	3/3	4/10 7/9 "
	Screwed Boss	3/3	3/6	5/6 8/9 "
No. PSS 4259	Stop Cock, Plain Tails for Lead	2/9	3/1	4/10 7/9 "
	Screwed Iron	3/9	4/2	6/4 8/9 "
	Plain Tail	3/9	4/2	6/4 8/9 "
No. PSS 4260	Screwed Boss	4/2	4/6	6/11 11/2 "
	Screwed Iron	—	4/6	6/10 10/2 "



No. PSS 4224

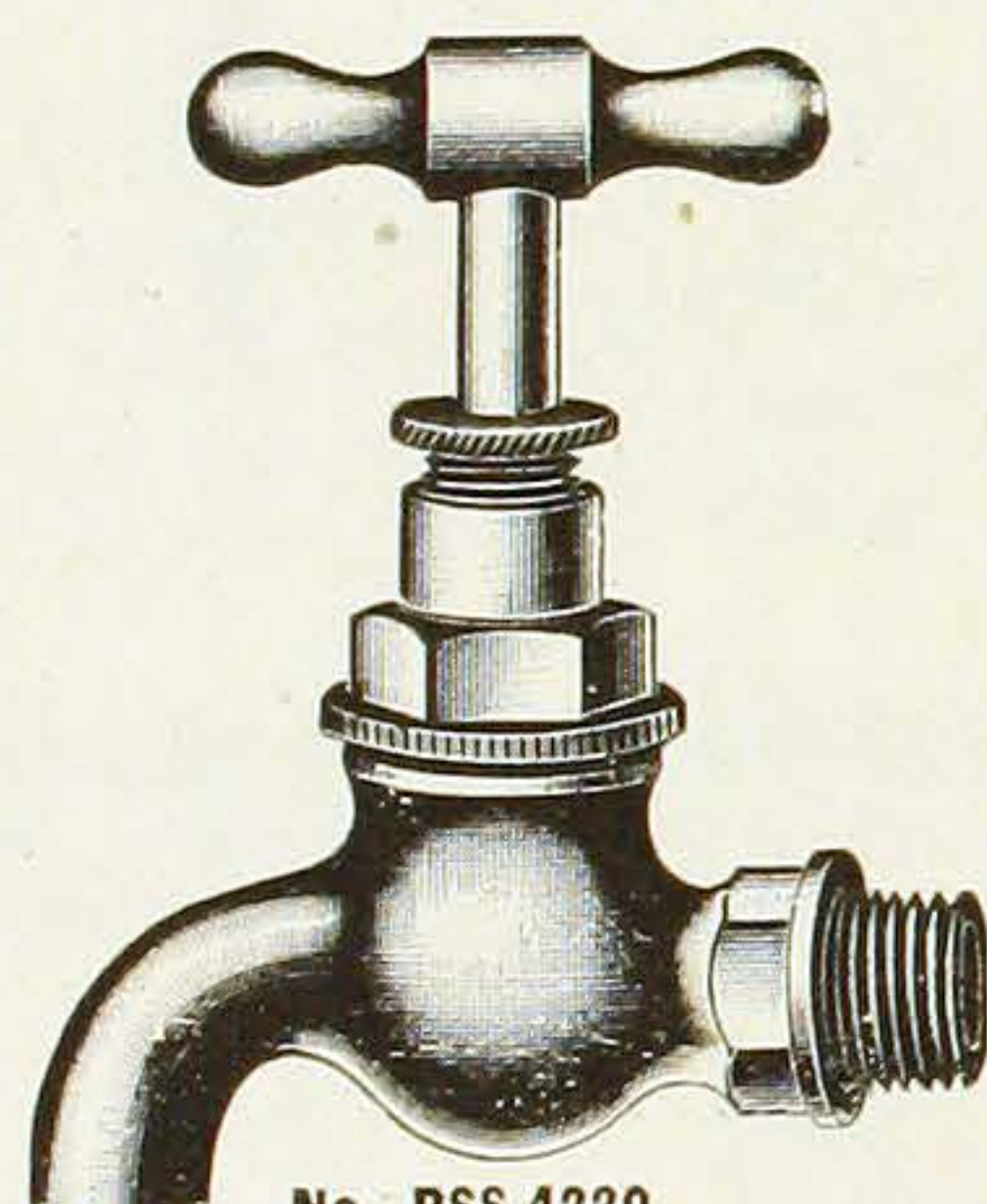


No. PSS 4225

PILLAR LAVATORY COCKS.

(To the specification of the J.C.S.W.R.)
With long screwed Tail for Fireclay Lavatories
3 1/2" clear from under flange to tail nut top.

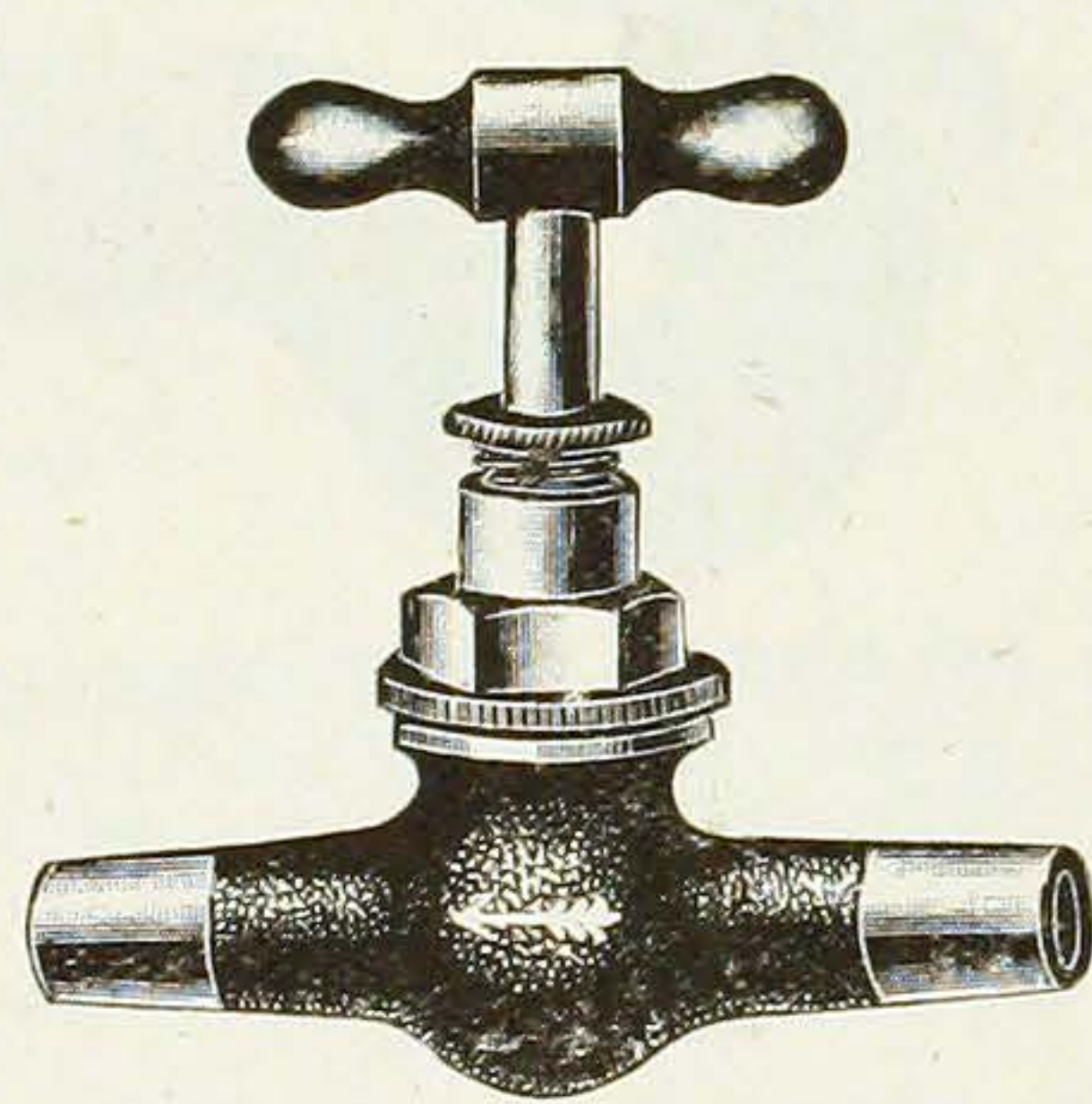
No.	Size	3"	1"
No. PSS 4224	Nose projection (from centre of body to inside of nose)	2 1/2"	3 1/2"
	Polished Brass	5/9	9/9 16/9 6/6 10/9 18/5 each.
	Gun-Metal	6/3	10/6 18/5 7/2 11/11 20/2 "
	Nickel Plated, extra	10d.	1/2 2/3 10d. 1/2 2/3 "
	White Metal extra	1/9	2/9 4/8 1/9 2/9 4/8 "



No. PSS 4220

HIGH PRESSURE COCKS.

Size	3"	1"
Screwed for Iron	3/6 3/9 6/- 9/6	
Screwed Boss	4/- 4/3 7/- 11/-	
Plain Tail for Lead	3/6 3/9 6/- 9/6 each.	

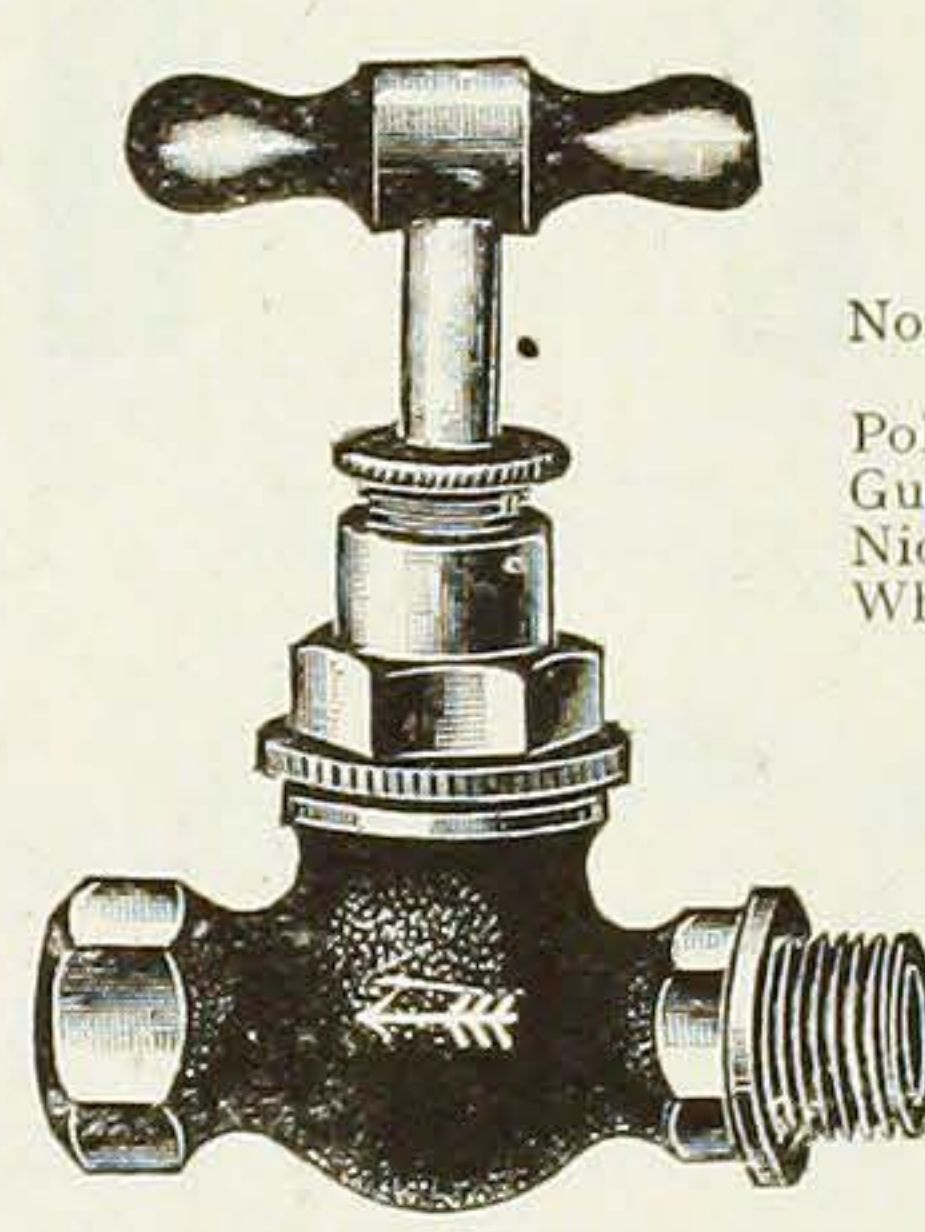


No. PSS 4221

HIGH PRESSURE COCKS.

To the Specification of the J.C.S.W.R.
Plain Tails for Lead.

Size	3"	1"
	3/6 3/8 6/- 9/4 each.	



No. PSS 4222

HIGH PRESSURE COCKS.

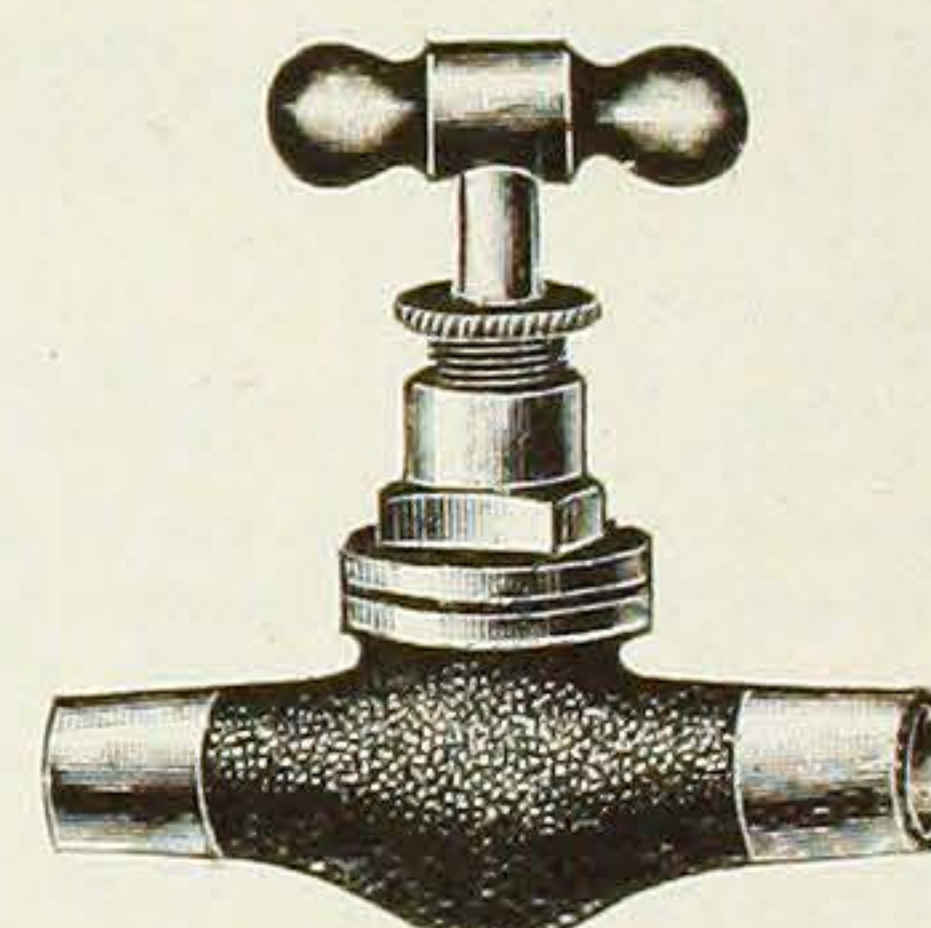
Male for Iron at Inlet.
Female for Iron at Outlet.

Size	3"	1"
	4/- 4/2 6/10 10/2 each.	

No. PSS 4233

Male Inlet, Plain Tail on Outlet.

Size	3"	1"
	4/8 7/6 10/11 each.	



No. PSS 4255

STOP COCKS.

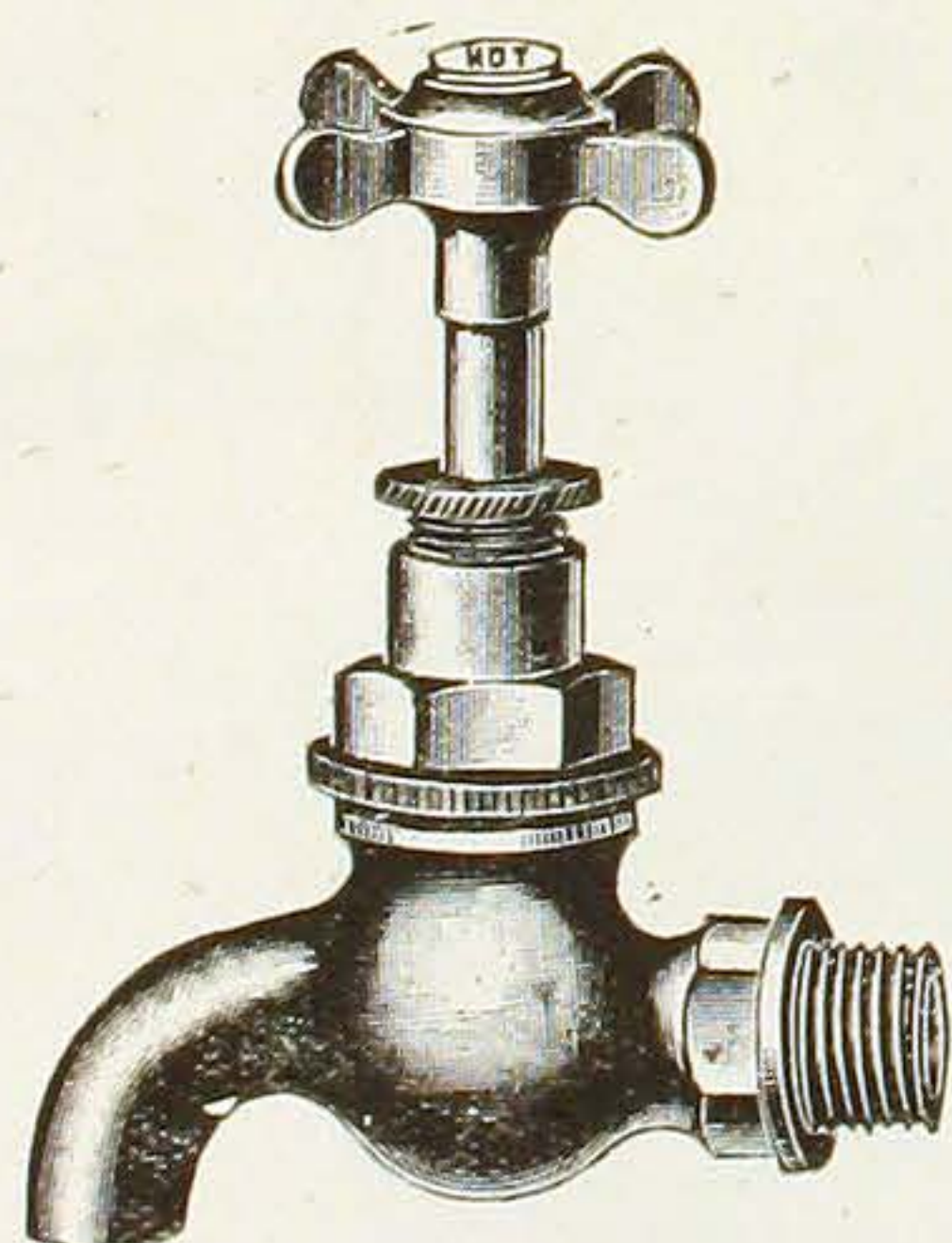
No.	Size	3"	1"
No. PSS 4255		2/6 2/9 4/6 6/8 each.	
No. PSS 4256		2/9 2/10 4/10 7/3 "	

No. PSS 4256

STOP COCKS.

Rough Bodies.

Size	3"	1"
	2/6 2/9 4/6 6/8 each.	
	2/9 2/10 4/10 7/3 "	

No. PSS 4226
LAVATORY BIB COCK.

Size	3"	1"
Screwed for Iron	4/- 4/4 6/11 11/3 each.	
Screwed Boss	4/8 4/10 7/9 12/7 "	
Plain Tail for Lead	4/- 4/4 6/11 11/3 "	

No. PSS 4227
LAVATORY BIB COCK.

Size	3"	1"
Easy Clean, Screwed for Iron	5/- 8/2 12/11 each.	
Screwed Boss	5/6 9/- 14/3 "	
Plain Tail for Lead	5/- 8/2 12/11 "	

No. PSS 4229

BALL VALVE.

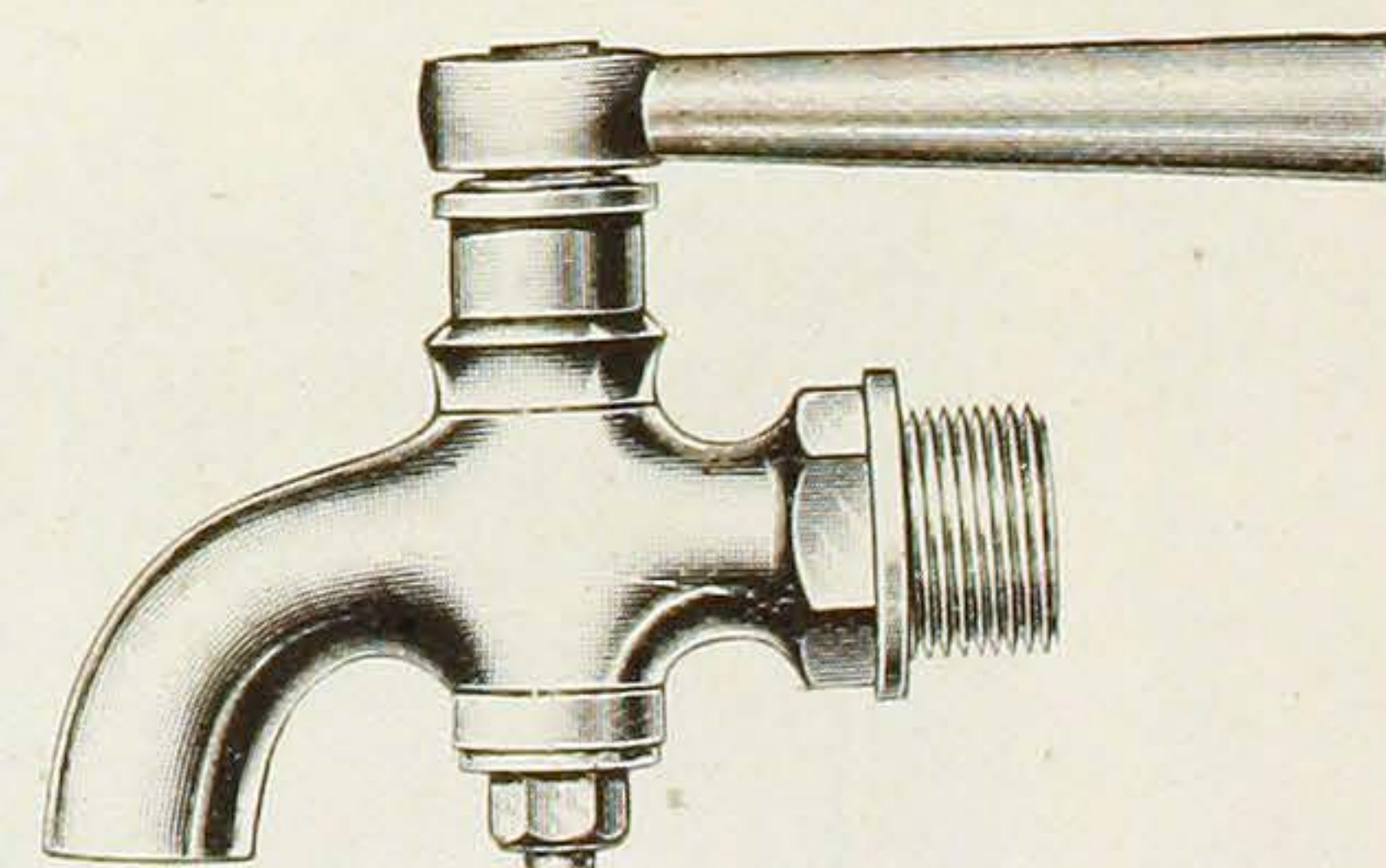
No. PSS 4229

Screwed for Silencing Tube, with Solid Copper Rod
Lever and long Tail Back Nut and Union.

Size	3"	1"
	4/6 4/7 7/6 each.	

No. PSS 4234

Size	3"	1"
	3/9 3/11 6/5 each.	



No. PSS 4251

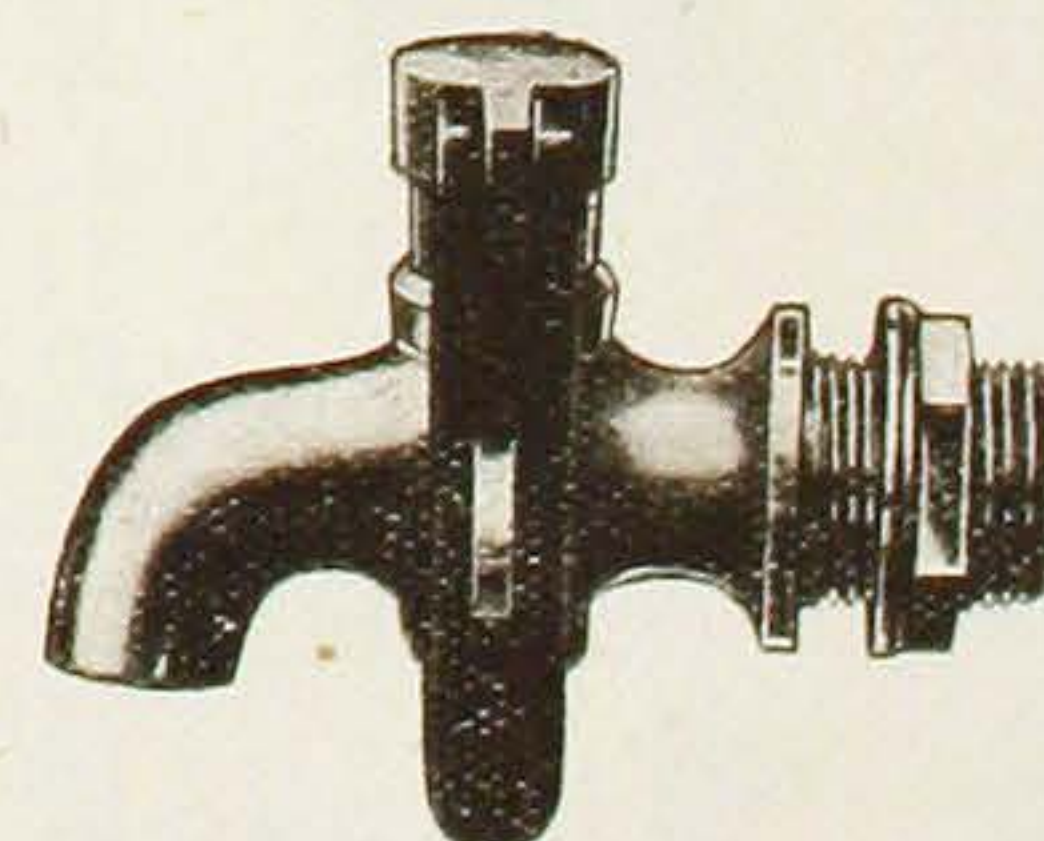
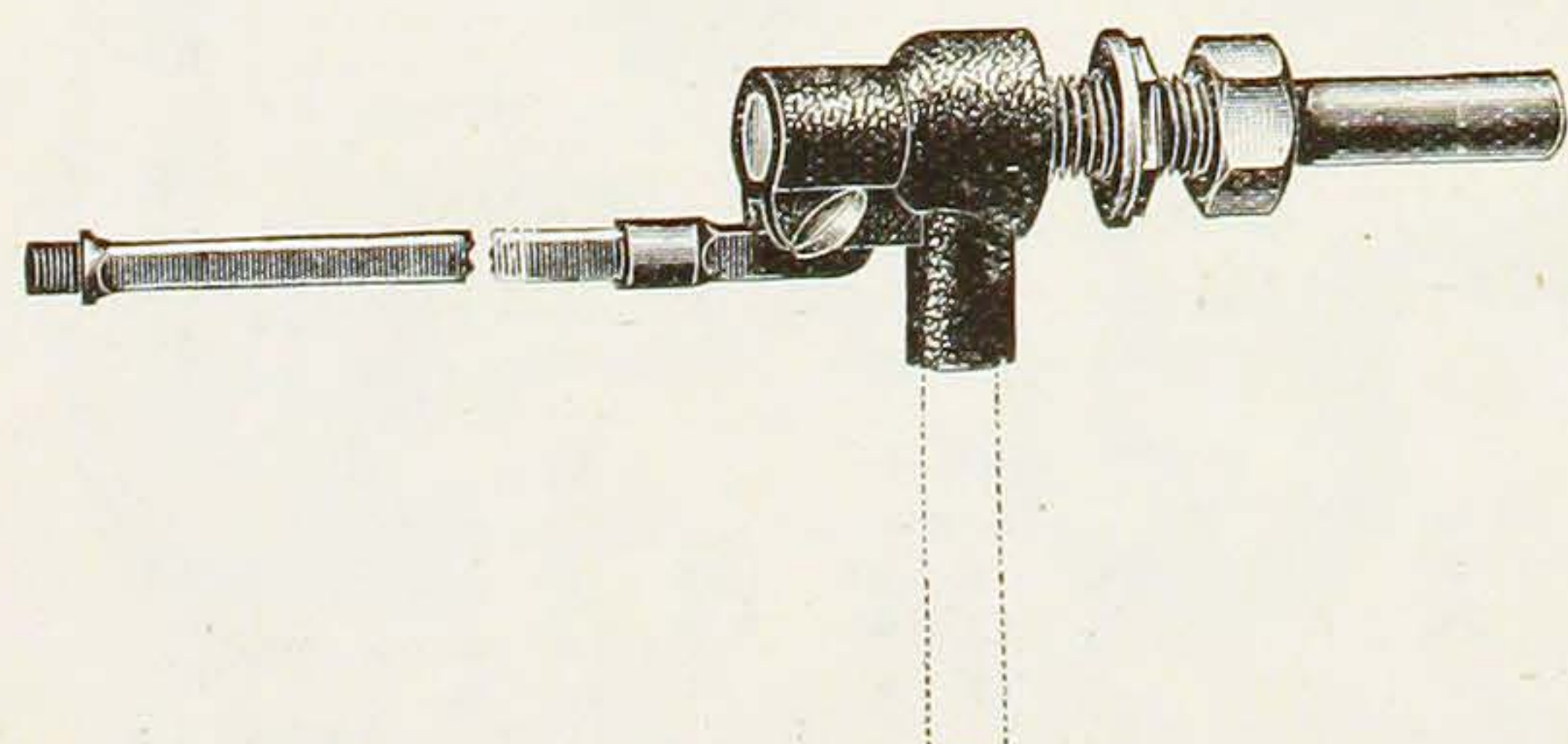
STRONG DRAW OFF BIB COCK.

Size	3"	1"
Metal Levers	4/8 6/1 8/4 each.	
Iron Levers	4/2 5/3 7/3 "	

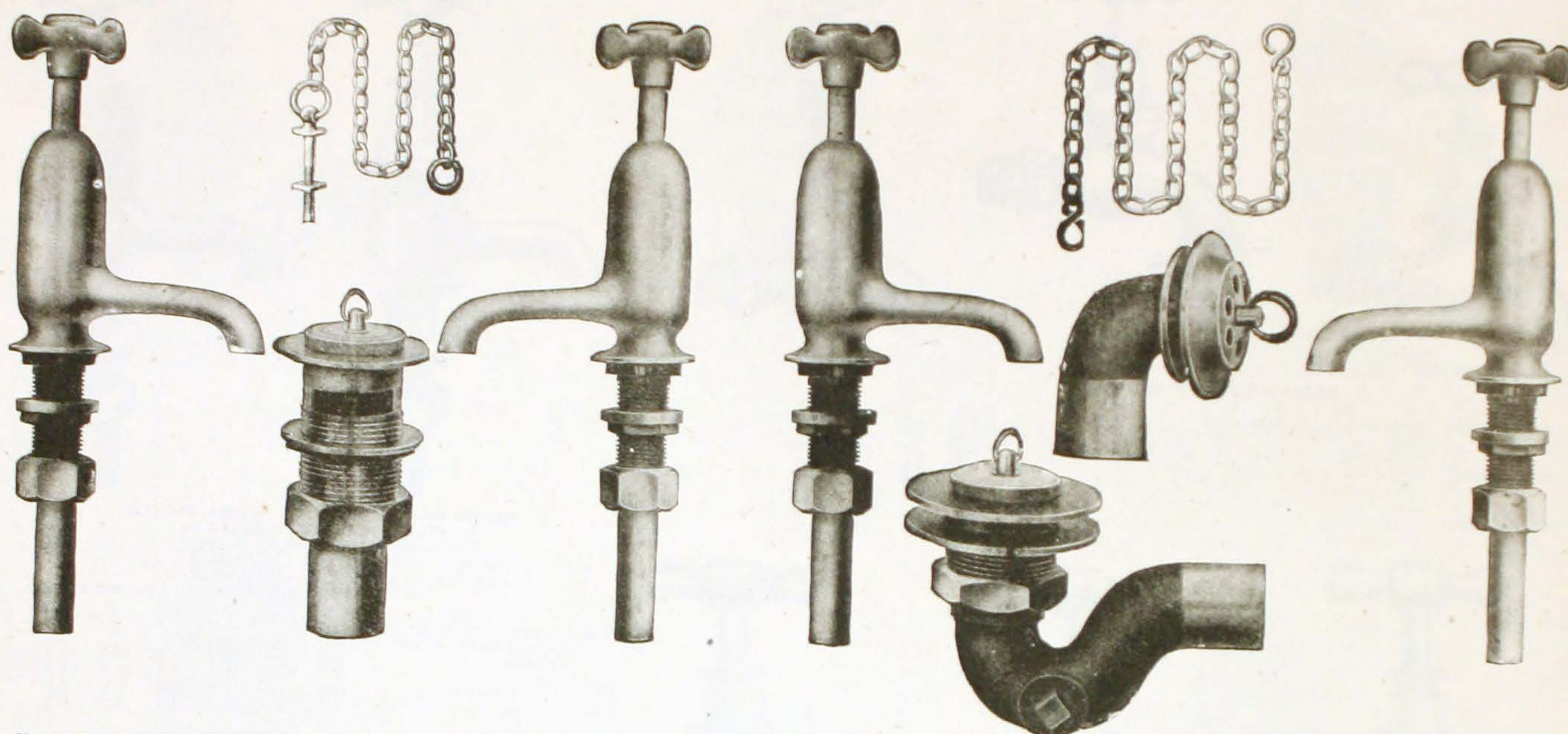
No. PSS 4252

STRONG BRASS TANK COCKS.

Size	3"	1"
Price	3/- 3/9 5/6 each.	
" without Back Nuts	2/10 3/5 5/2 "	



Lavatory and Bath Fittings



No. PSS 6923 WHITE METAL LAVATORY SET.

Taps, $\frac{1}{2}$ " J.C.S.W.R. Waste $1\frac{1}{4}$ ". Nose $2\frac{1}{2}$ " centre to centre, Shank, 2"	...	...	...	...	21/3	per set.
As above, but with "P" Trapped Waste	...	...	...	...	22/9	"
Ditto, Lighter pattern	...	...	...	...	20/-	"
Ditto, Nose $2\frac{7}{8}$ " centre to centre, shank 2"	...	...	...	...	21/8	"

Please state size of flange for Waste.

Chromium Plating Stainless

Taps, 4/8 each, 9/4 per pair extra. Waste, 1/8 each extra.

No. PSS 6922 WHITE METAL BATH SET.

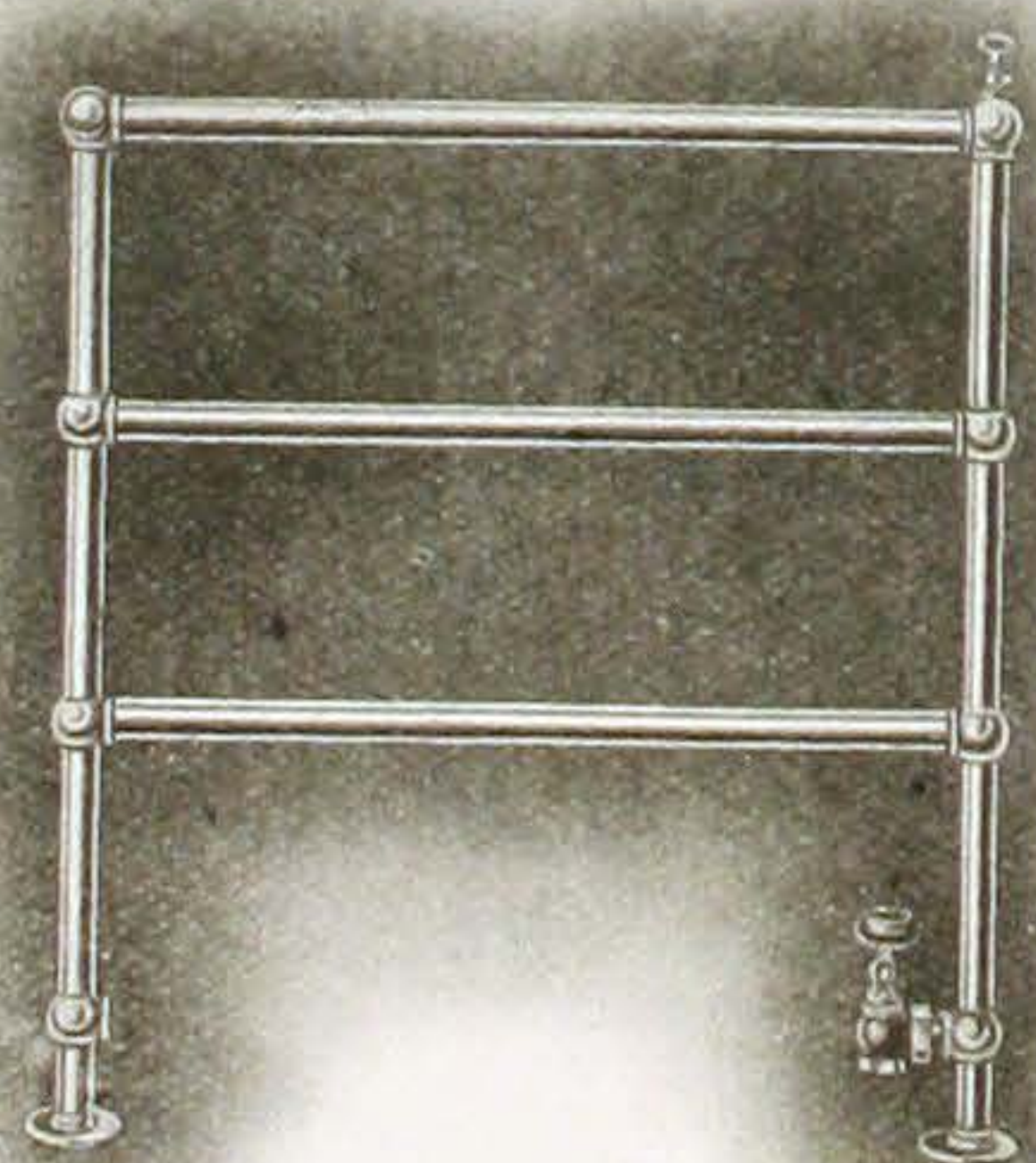
Taps $\frac{3}{4}$ " J.C.S.W.R. Trapped Waste $1\frac{1}{4}$ ". Overflow $1\frac{1}{4}$ ". Nose $3\frac{1}{4}$ " centre to centre. Shank, $2\frac{3}{8}$ "	...	...	...	44/3	per set.
Ditto, Lighter Pattern	...	...	...	36/2	"

Please state size of Flange for Waste.

Chromium Plating Stainless.

Taps, 4/8 each, 9/4 per pair; Waste, 1/8 each extra; Overflow, 1/8 each extra.

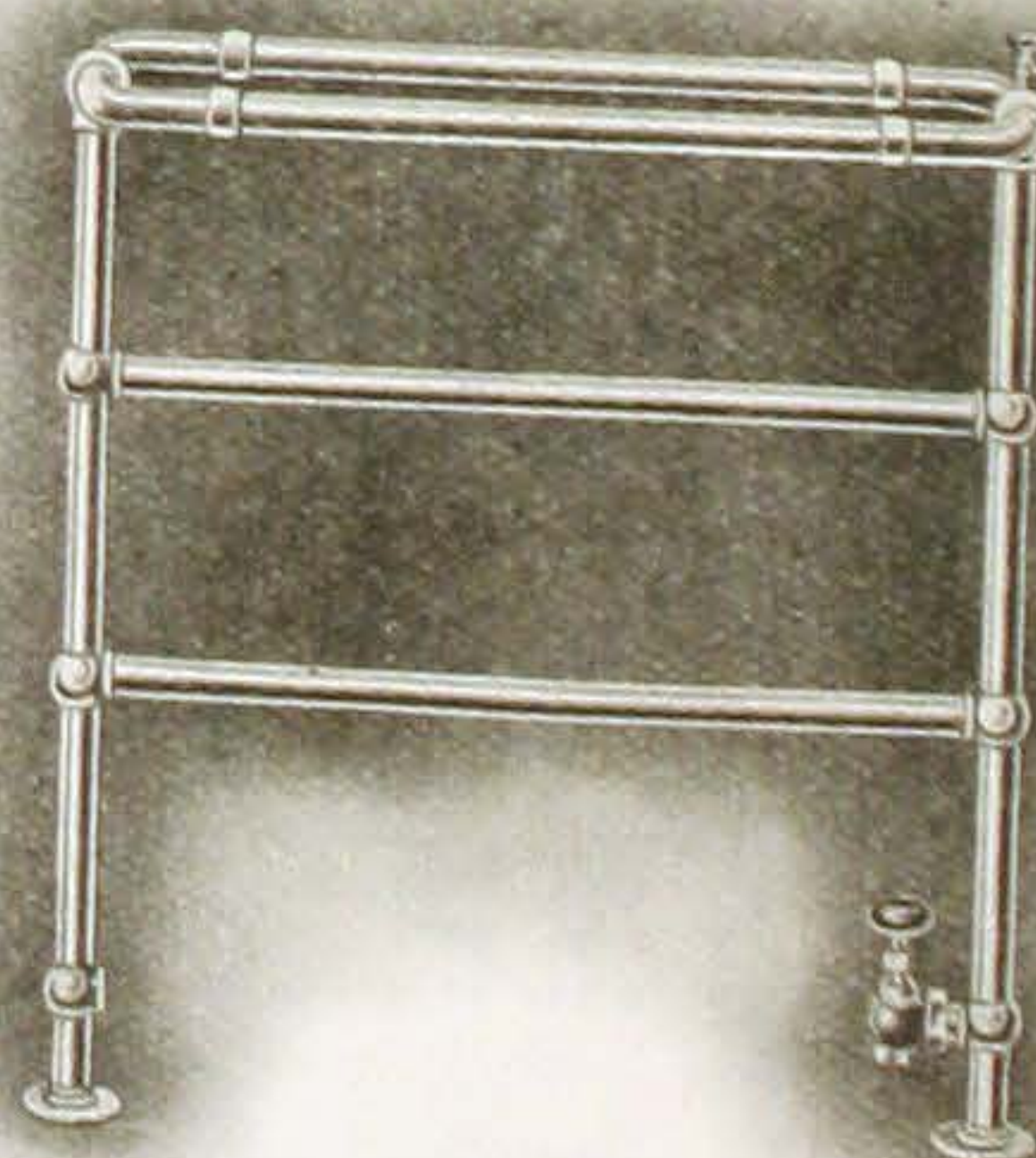
Hot Water Towel Rails



SINGLE RAIL.

No. PSS 6925 $1\frac{1}{4}$ " diameter, two uprights and three horizontals, air release cock, and stop cock.

Wide.		High.			Nickel Plated.			White Enamelled.
30"	×	36"	...	£5	11	3	£6	5 3 each.
36"	×	36"	...	5	15	0	6	9 6 "
36"	×	42"	...	6	0	3	6	15 0 "



DOUBLE RAIL.

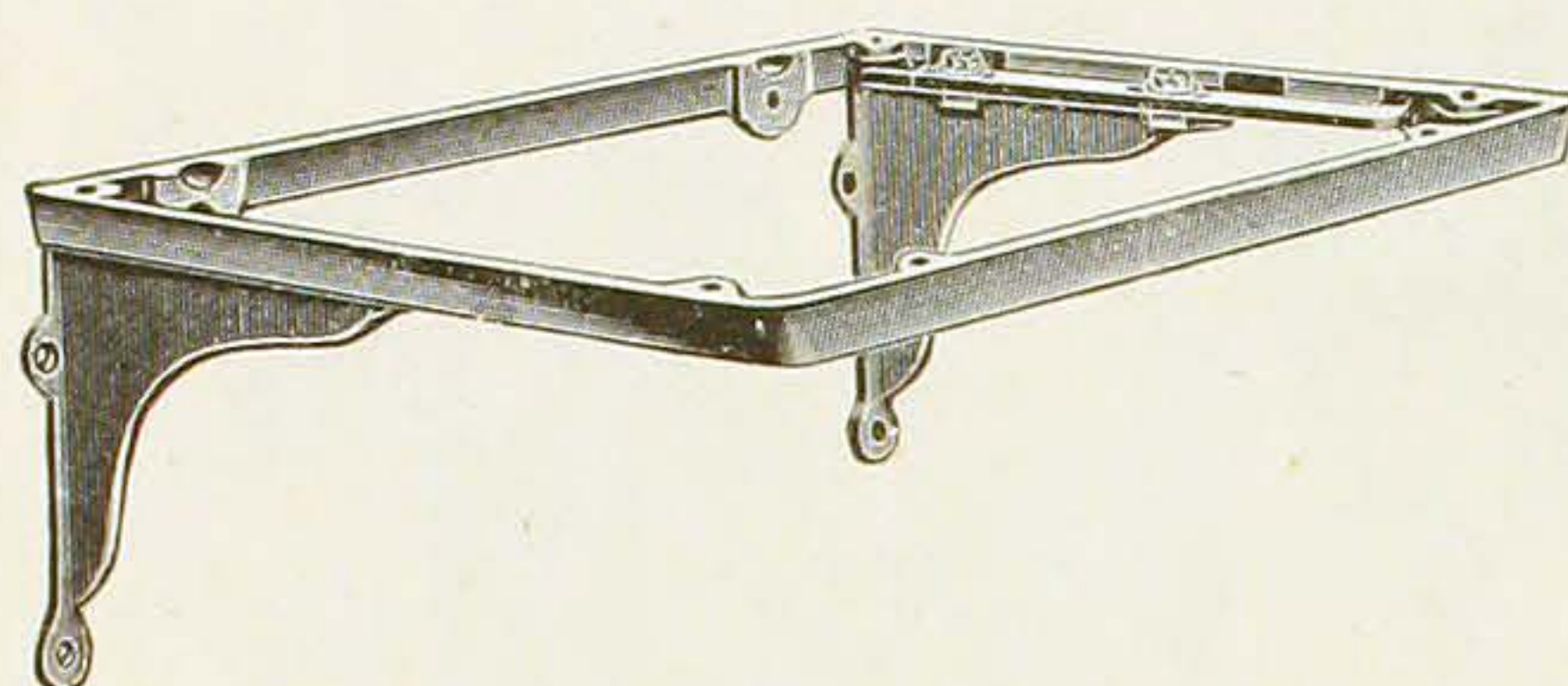
No. PSS 6926 $1\frac{1}{4}$ " diameter, two uprights, one double horizontal and two single horizontal rails, air release cock and stop cock.

Wide.	High.		Nickel Plated.		White Enamelled.
30" × 36"	...	£6	9 3	£7	5 6 each.
36" × 36"	...	6	13 9	7	10 6 "
36" × 42"	...	6	18 6	7	15 9 "

"B" Basis.

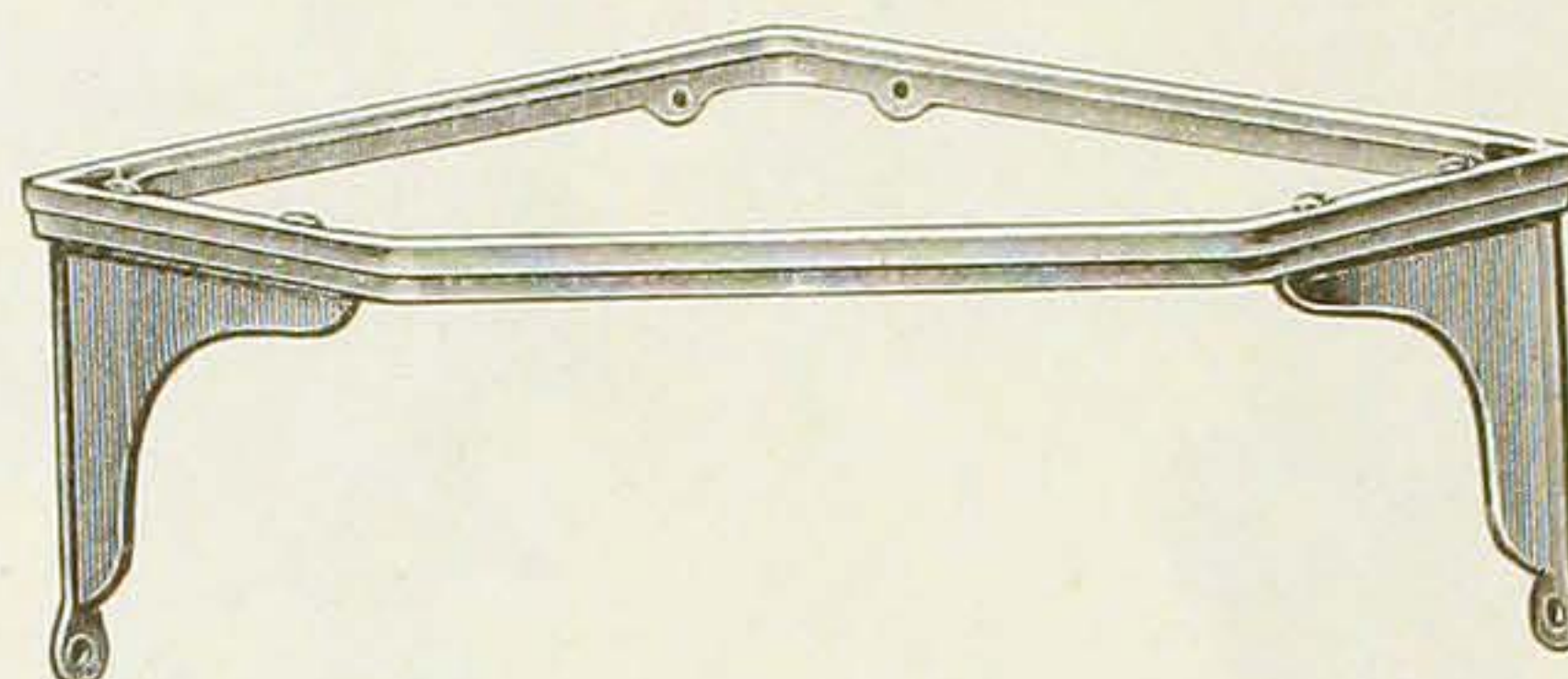
All PSS—Stock Lines.

Lavatory Frames, Brackets and Lead Traps



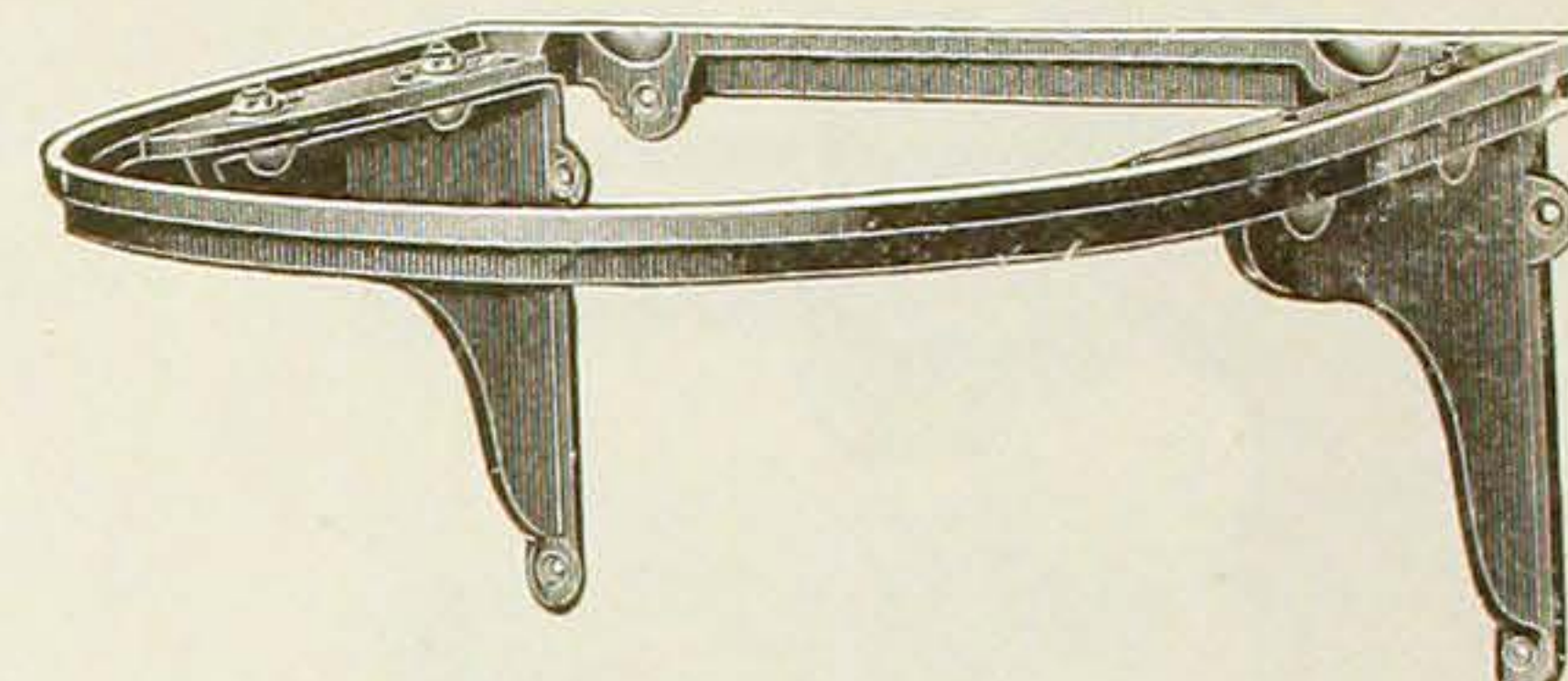
**No. PSS 6768
LAVATORY FRAME.**
Without Building-in part. Square front.
Painted Slate colour. Holes drilled ready for fixing.
Made to suit Basins, sizes: 27" x 19", 26 1/2" x 19", 25" x 18",
25" x 17", 23" x 17", 22" x 16", 20" x 16", 19" x 17",
18" x 18"

All sizes, price 4/- each.



**No. PSS 6769
LAVATORY FRAME.**
Without Building-in part. Angular. Painted Slate
Colour. Holes drilled ready for fixing.
Made to suit Basins: sizes 30" x 22",
27" x 20", 26" x 20", 24" x 18", 22" x 18" and 21" x 19".

All sizes, price 4/- each.



**No. PSS 6770
LAVATORY FRAME.**
Without building-in part. Round Front. Painted
Slate colour. Holes drilled ready for fixing.
Made to suit Basins, sizes: 30" x 22", 26 1/2" x 20 1/2",
27" x 21", 27" x 19", 25" x 18", 25" x 17", 22" x 19",
22" x 17" and 22" x 16".

All sizes, price 4/- each.

Cast Iron Cantilever Brackets



No. PSO 6771
With 6" Building-in Tail.

Out of Wall Size		6"	8"	9"	10"	10 1/2"	11"	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"	24"	27"	36"
No. PSO 6771	Prime Painted	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	White Porcelain Enamelled	—	—	1 1/2	1 1/2	—	1 1/4	1 1/7	1 1/9	1 2/4	1 2/7	1 3/4	1 4/7	1 5/1	1 5/4	1 6/10	1 7/5	2 1/8	2 6/9	3 8/7	
No. PSO 6870	Plain	1/10	2/2	2/4	—	—	—	3/-	—	3/4	3/6	3/6	6/2	6/2	7/-	—	—	8/-	—	—	
	White Porcelain Enamelled	6/10	7/4	8/-	—	—	—	9/2	—	10/-	10/10	11/6	14/8	15/2	16/8	—	17/4	18/8	—	—	
No. PSO 6871	Plain	—	—	—	5/4	5/8	—	6/2	—	—	—	—	7/-	—	7/8	—	8/10	—	11/6	—	
	White Porcelain Enamelled	—	—	—	13/2	14/-	—	15/2	—	—	—	—	17/6	—	18/6	—	21/4	—	25/6	—	
No. PSS*6872	Plain	—	3/-	—	3/6	—	—	4/2	—	5/-	—	5/8	—	6/6	—	7/-	—	8/-	8/10	—	
	White Porcelain Enamelled	—	7/-	—	8/-	—	—	8/10	—	10/4	—	11/6	—	13/6	—	15/-	—	16/8	18/6	—	

*Stocked only in 16" and 18"

No. PSO 6871 Heavy.
With 6" Building-in Piece, except 27" which
has 9" piece.

No. PSS*6872
Strong, with 6" Building-in Piece.



No. PSO 6773
With 4 1/2" Building-in Tail.
6" 7" 8" 9" 7 1/2" 11" proj.

Without Nib.		With Nib.	
Prime Painted	2/3	2/3	3/1 pair.
White Porcelain Enamelled	8/7	8/7	10/-



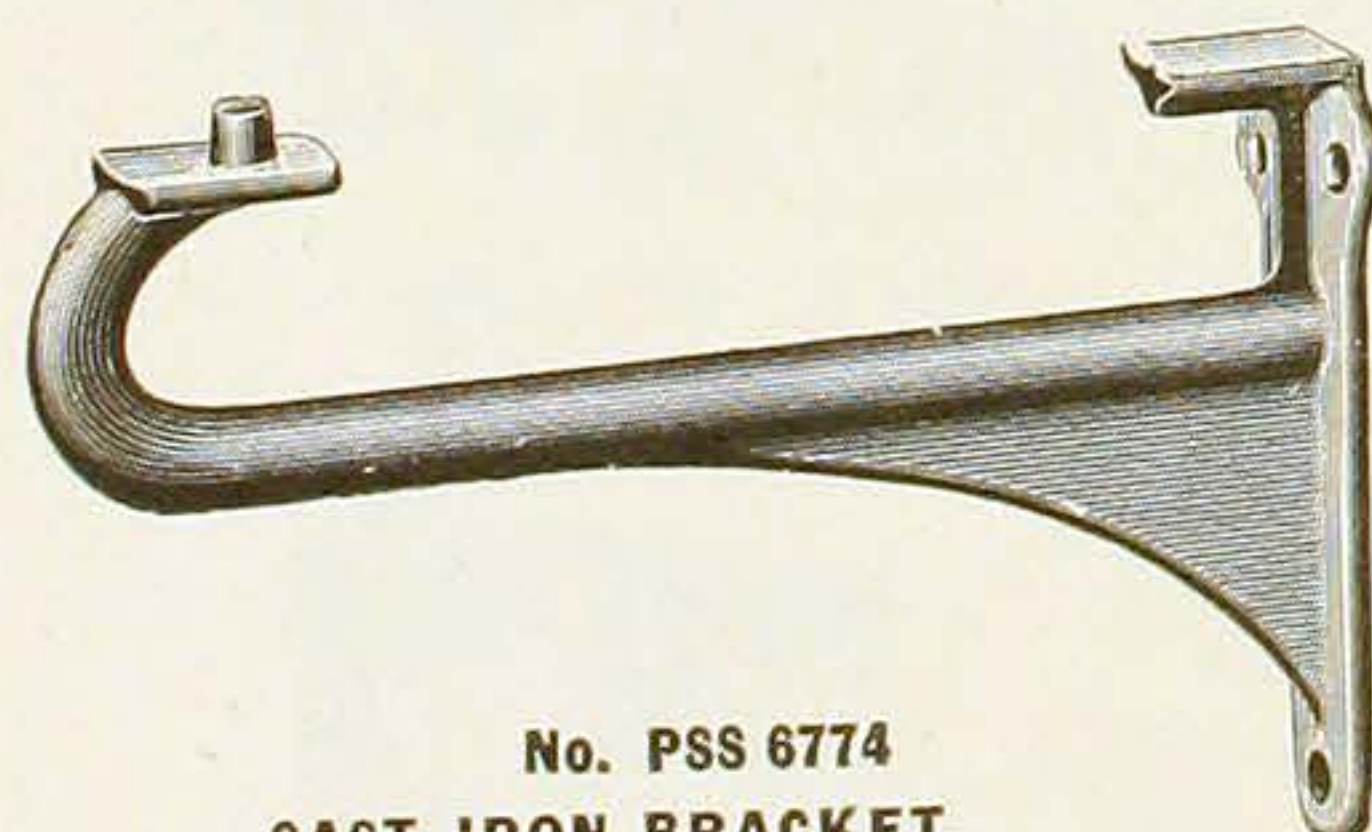
No. PSO 6873
Strong, recessed with 6" Building-in Piece.
Out of Wall Size
No. PSO 6873 Plain
White Porcelain Enamelled
No. PSO 6874 Plain
White Porcelain Enamelled
No. PSS*6875 Plain
White Porcelain Enamelled

No. PSO 6874
Recessed with 4 1/2" Building-in Piece.
10" 12" 14" 15" 16" 17" 18" 19" 20" 22" 24"

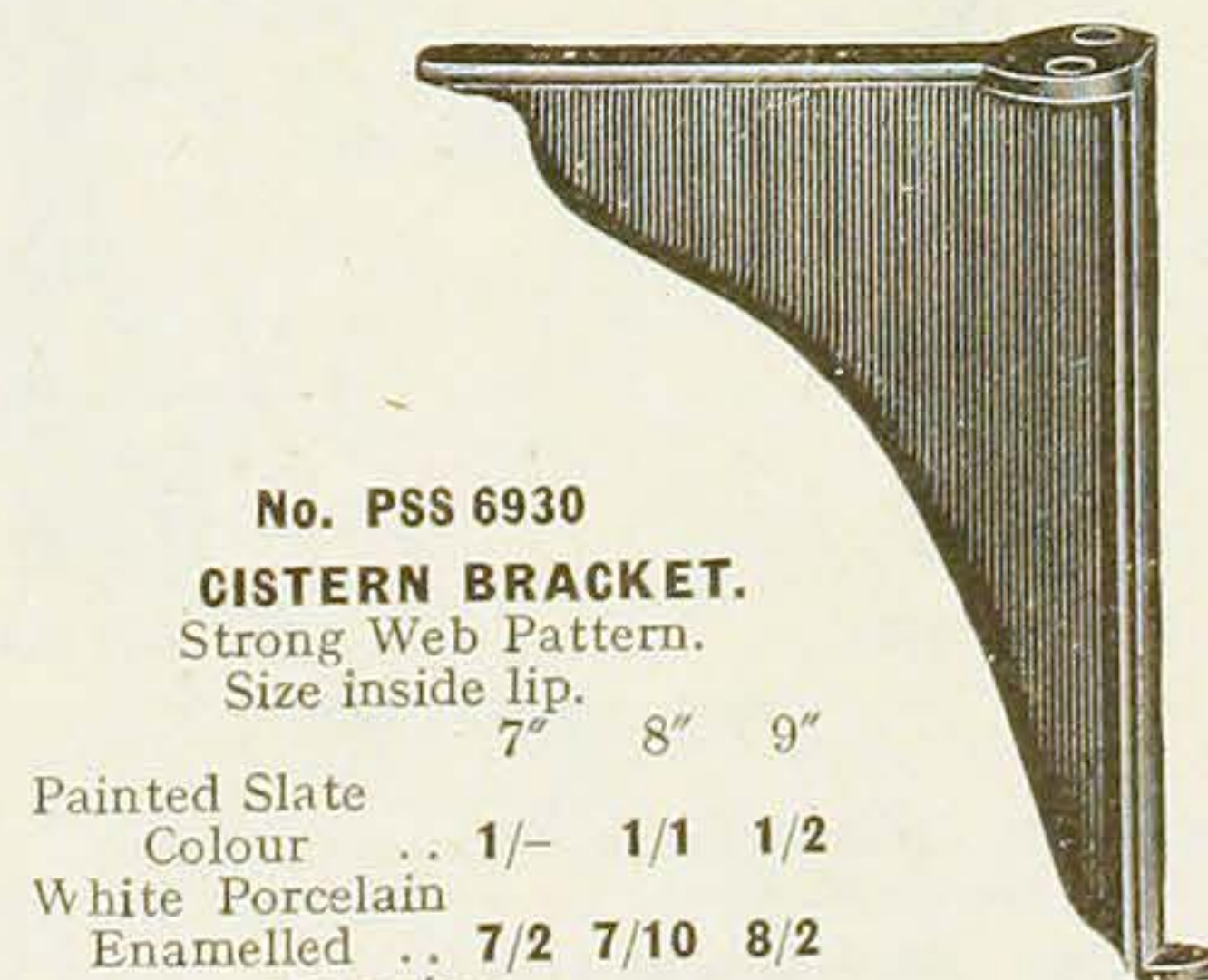
No. PSS*6875
New Pattern, with 4 1/2" Building-in Piece.
Size 16" has 7" Building-in Piece.

10"	12"	14"	15"	16"	17"	18"	19"	20"	22"	24"
—	4/8	5/4	—	6/2	—	7/-	—	7/8	8/2	9/8 per pair.
—	12/8	13/10	—	15/2	—	16/8	—	17/10	19/-	21/-
—	3/-	3/2	3/4	3/4	3/6	3/6	3/10	3/10	4/2	5/-
—	7/4	7/10	8/-	8/6	9/2	9/4	10/-	10/4	11/2	12/8
1/10	2/-	2/2	—	3/-	—	2/10	—	3/2	3/6	4/2
5/10	6/4	6/10	—	9/2	—	8/8	—	9/6	10/6	11/8

*Stocked only in 16" and 18"



**No. PSS 6774
CAST IRON BRACKET.**
For supporting Lavatory Basin, at the same time
forming an efficient Towel Rail. Without
building-in part.
Painted Slate colour .. 2/6 pair.
White Porcelain Enamelled .. 9/3



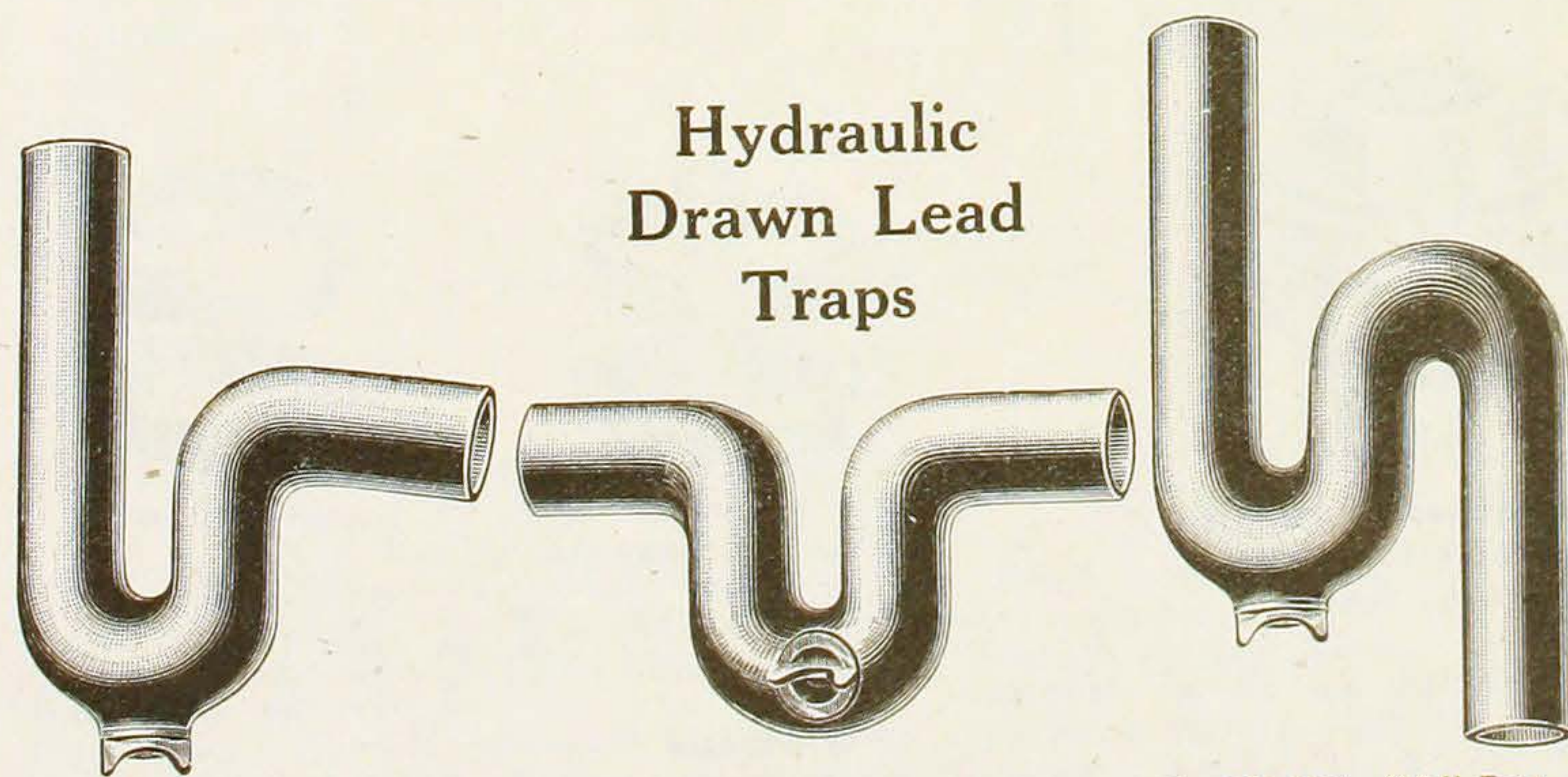
**No. PSS 6930
CISTERN BRACKET.**
Strong Web Pattern.
Size inside lip.
7" 8" 9"
Painted Slate
Colour .. 1/- 1/1 1/2
White Porcelain
Enamelled .. 7/2 7/10 8/2
per pair.

HYDRAULIC DRAWN LEAD TRAPS. Regular Length. Priced Each.

Size.	Weight lbs.	No. PSS* 3304 "P" TRAPS.		No. PSS* 3302 "S" TRAPS.		No. PSS* 6823 Bath or Running Trap.	
		With Screw.	Without Screw.	With Screw.	Without Screw.	With Screw.	Without Screw.
1" *	4 1/2	2/3	1/7	2/8	2/-	2/2	1/3
	5	2/4	1/9	2/10	2/2	2/2	1/5
	6	2/7	2/-	3/2	2/6	2/4	1/9
	7	2/10	2/2	3/6	2/9	2/7	2/-
	8	3/1	2/5	3/10	3/2	2/10	2/2
1 1/2" *	4 1/2	2/4	1/10	2/11	2/4	2/4	1/6
	5	2/7	2/-	3/1	2/6	2/6	1/8
	6	2/10	2/3	3/6	2/11	2/8	2/-
	7	3/3	2/7	4/-	3/4	3/-	2/4
	8	3/7	3/-	4/4	3/9	3/4	2/8
1 3/4" *	5	3/-	2/3	3/7	3/-	2/11	2/3
	6	3/5	2/9	4/5	3/7	3/4	2/7
	7	4/1	3/3	4/11	4/2	3/10	3/-
	8	4/6	3/9	5/6	4/8	4/3	3/6
2" *	5	3/8	2/10	4/7	3/10	3/7	2/9
	6	4/2	3/5	5/4	4/7	4/1	3/2
	7	4/10	4/1	6/-	5/2	4/6	3/8
	8	5/4	4/7	6/7	5/10	4/10	4/2
2 1/2" *	5	4/3	3/6	5/5	4/7	4/2	3/4
	6	4/10	4/1	6/3	5/5	4/8	3/10
	7	5/7	4/9	7/-	6/3	5/2	4/4
	8	6/3	5/5	7/9	6/11	5/7	4/9
3" *	5	6/-	4/10	7/6	6/3	5/11	4/9
	6	6/9	5/8	8/4	7/2	6/9	5/7
	7	7/8	6/6	9/3	8/2	7/6	6/4
	8	8/6	7/4	10/3	9/2	8/2	7/-
3 1/2" *	5	7/7	6/6	9/2	8/2	7/4	6/3
	6	8/7	7/6	10/9	9/7	8/4	7/2
	7	9/7	8/6	12/2	11/-	9/3	8/3
	8	10/8	9/5	13/3	12/4	10/3	9/2
4" *	5	9/7	8/6	11/6	10/6	9/3	8/2
	6	10/9	9/7	13/6	12/4	10/6	9/3
	7	11/10	10/9	15/3	14/-	11/6	10/5
	8	13/-	11/10	16/11	15/10	12/9	11/6

* Stocked only in 1", 1 1/2" and 1 3/4"—6 lb. weight.

When ordering please state Catalogue No. and whether with or without Screw.



No. PSS 3304 "P" Trap.

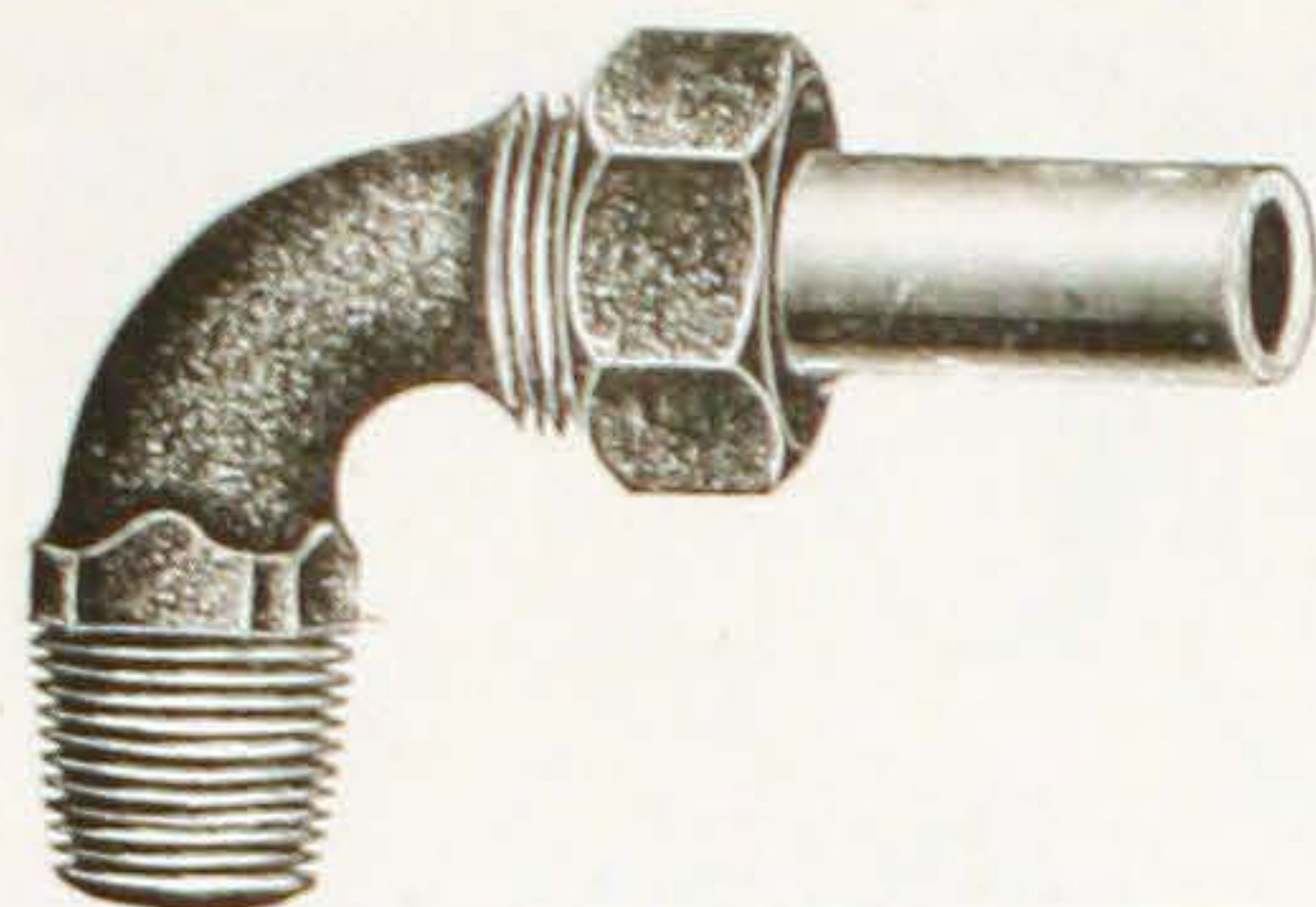
No. PSS 6823 Bath or Running Trap.

No. PSS 3302 "S" Trap.

"B" Basis.

PSS—Stock lines. PSO—To Order only.

Water Ferrules, Joints, Unions, etc.



No. PSS 4274
ELBOW MAIN FERRULE
FOR WATER.

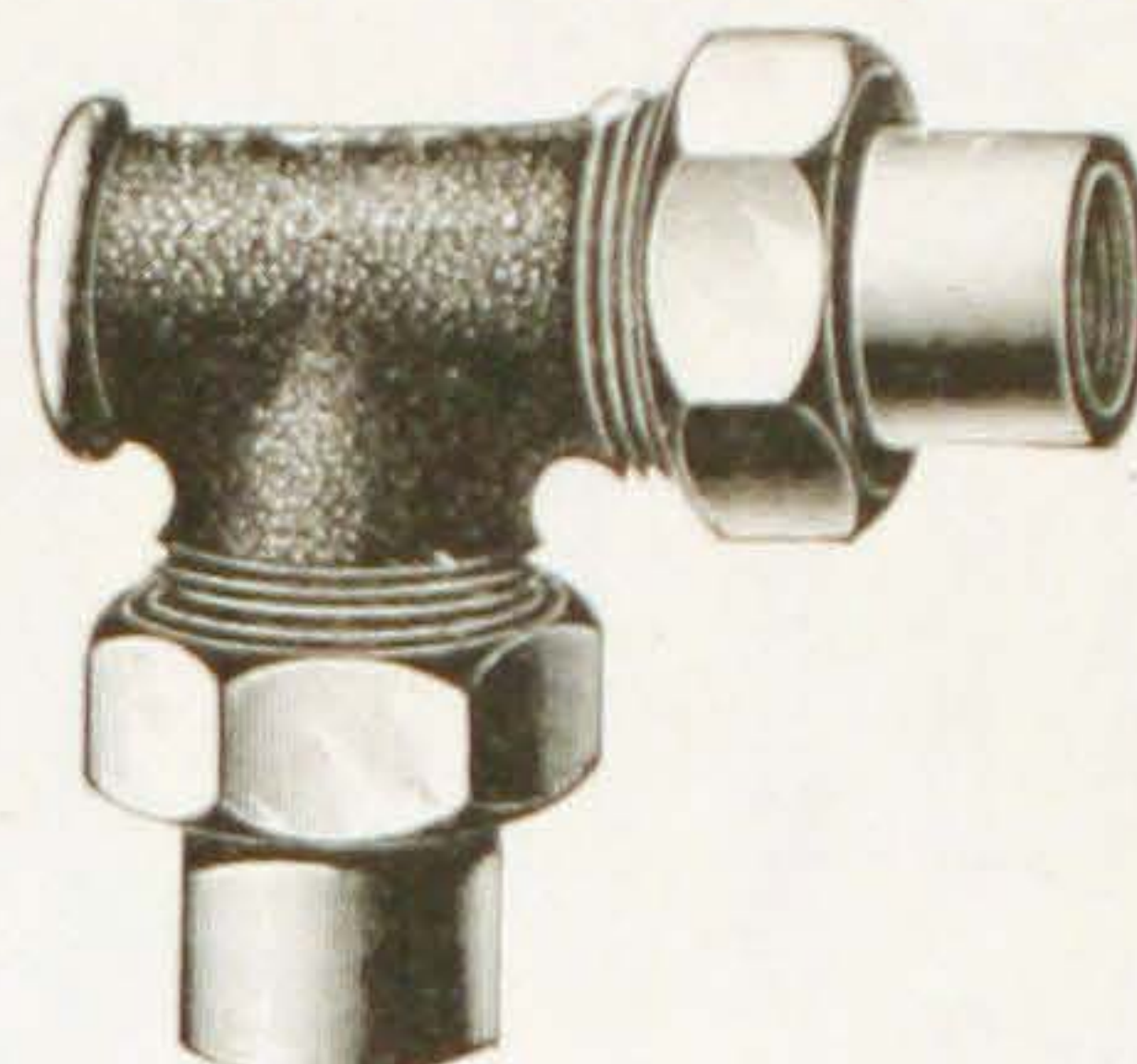
Tightened. Yellow Metal.

Size	1"	1 1/4"	1 1/2"	1 3/4"	2"
Price	1/8	2/5	3/9	6/4	9/5 13/6 each



No. PSS 4271
WATER FERRULE.
Tightened. Ordinary Quality.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
Price	1/3	1/5	1/9	2/8	4/3 each.



No. PSS 4277 and No. PSS 4278
UNION TEE FOR IRON (Tightened).
No. PSS 4277 Yellow Metal
No. PSS 4278 Gun Metal.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
Price	4/2	6/3	10/6	14/3	16/9 each.
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
Price	4/8	7/-	11/9	16/-	18/9 "



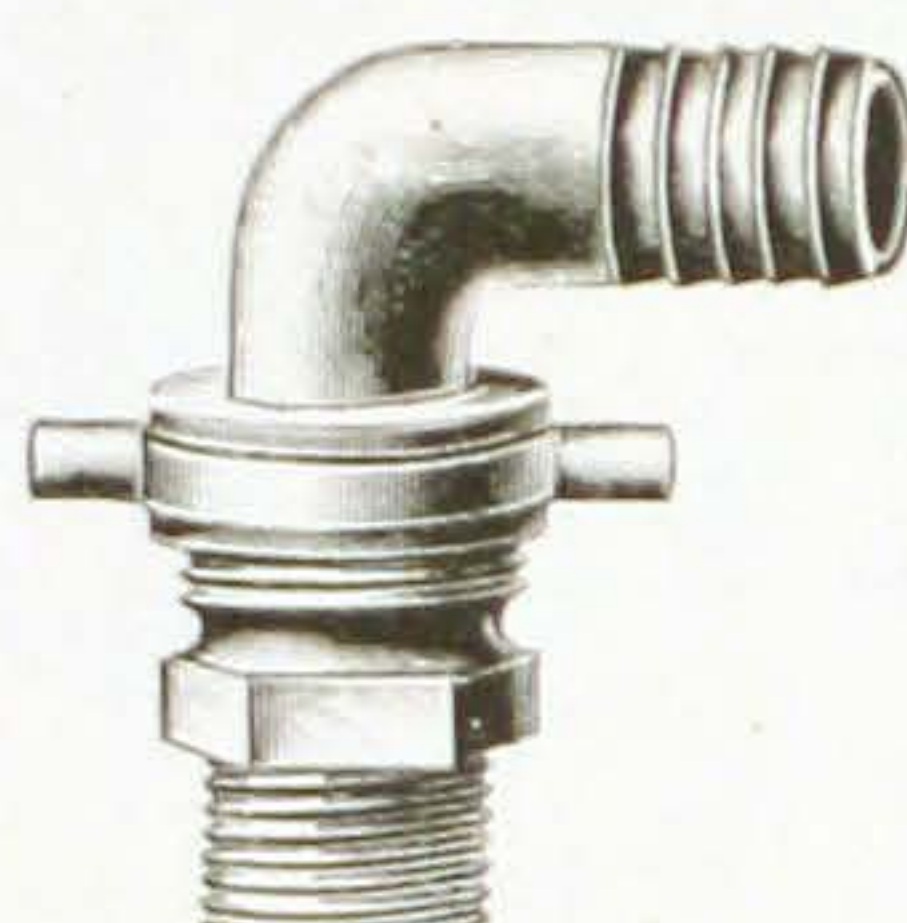
No. PSS 4275 and No. PSS 4276
ELBOW AND FLANGE.
Screwed for Iron and Plain Tail for Lead.
Yellow Metal.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
No. PSS 4275					
Rough	1/4	1/6	1/11	3/2 each.	
No. PSS 4276					
Polished	1/6	1/8	2/3	3/6 "	



No. PSS 4272
UNION JOINTS, IRON TO HOSE.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
No. PSS 4272	1/4	1/8	2/10	4/6	6/-	10/- each.
No. PSS 4273	1/6	2/-	3/9	6/3	8/3	"



No. PSS 4273



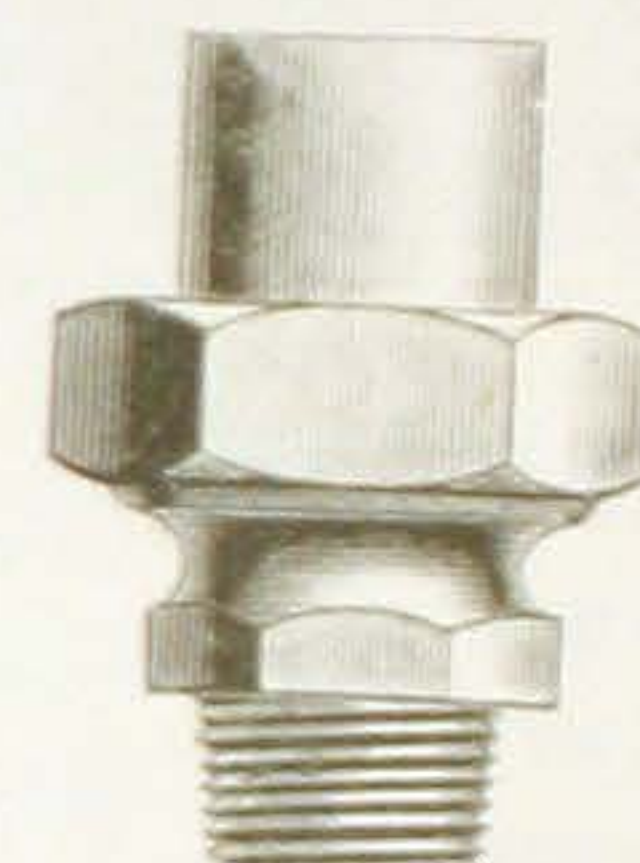
No. PSS 4270
CISTERN OVERFLOW.

Size	1/2"	3/4"	1"
Price	8d.	1/-	1/6 each.



No. PSS 4279
STRONG UNION JOINT FOR IRON (Tightened).
Yellow Metal.

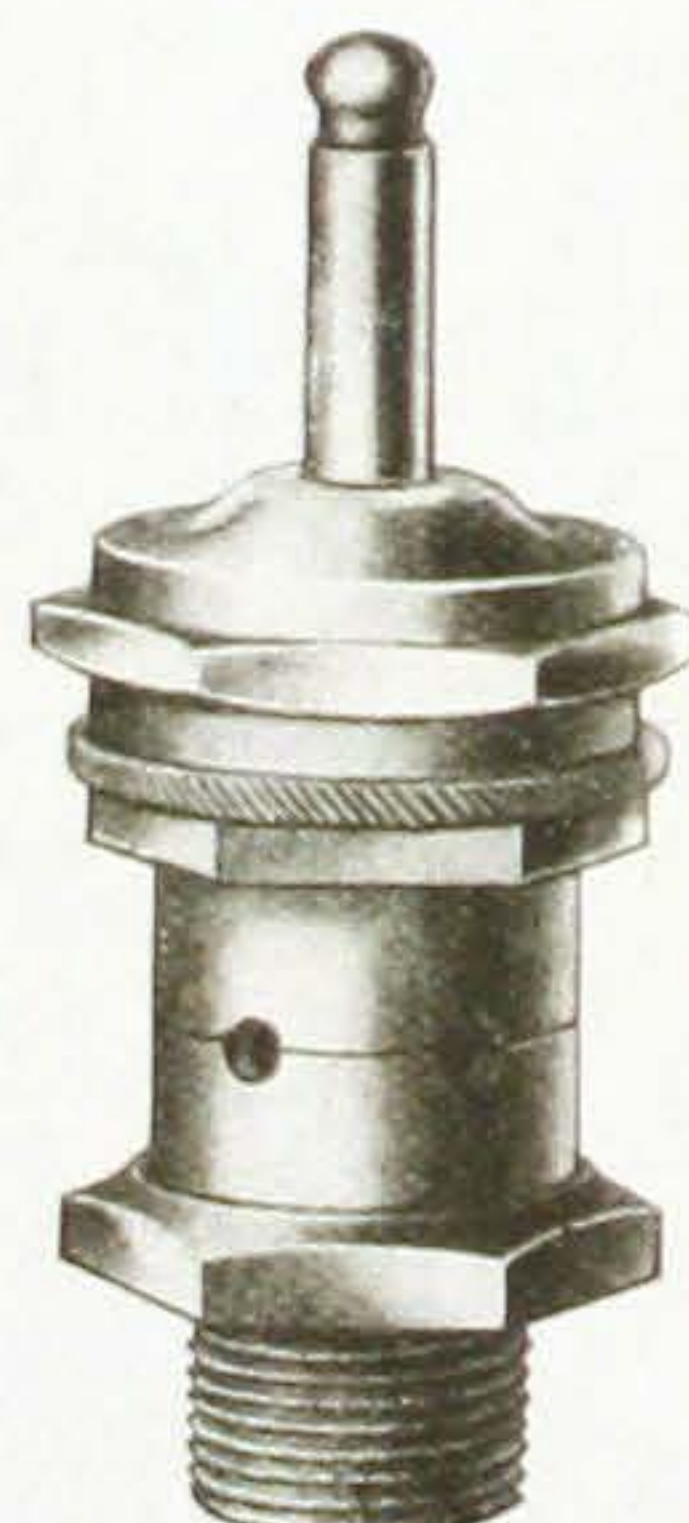
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
No. PSS 4279	1/6	2/2	2/9	4/8	7/6	11/- 14/3 each.
No. PSS 4280						
Lighter Pat.	1/3	1/10	2/6	4/-		"



No. PSS 4280



No. PSS 4249
SAFETY VALVE.
DEAD WEIGHT TYPE.
Gun Metal.



No. PSS 4248
SAFETY VALVE, SPRING TYPE
Gun Metal.

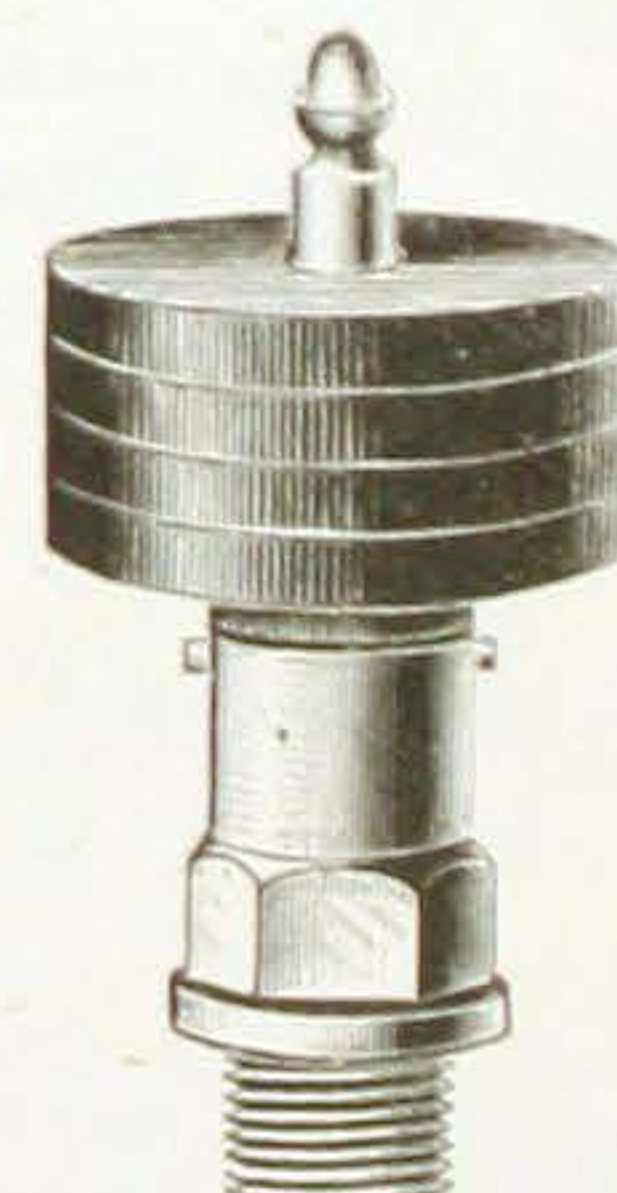
Size	1/2"	3/4"	1"
Price	4/5	4/11	5/10 each.



No. PSS 4281

SAFETY VALVES.

Size	1/2"	1"
No. PSS 4281 Spring Pattern. Fitted with best quality Phosphor Bronze Springs	4/-	4/7 each.
No. PSS 4282 Dead Weight Pattern	4/8	5/6 "



No. PSS 4282



No. PSS 4267
CISTERN OVERFLOW.

Size	1/2"	3/4"	1"
Price	7d.	9d.	1/6 each.



No. PSS 4269
J.C.S.W.R. SCREWED BOSS.
Round Pattern.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"
Price	8d.	8d.	1/-	1/8 each.	

No. PSS 4250
BACK PRESSURE VALVE. Gun Metal.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	3/1	4/1	5/11	9/8	11/8	16/8 each.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	3/3	4/10	6/9	10/6	12/9	19/3 each.

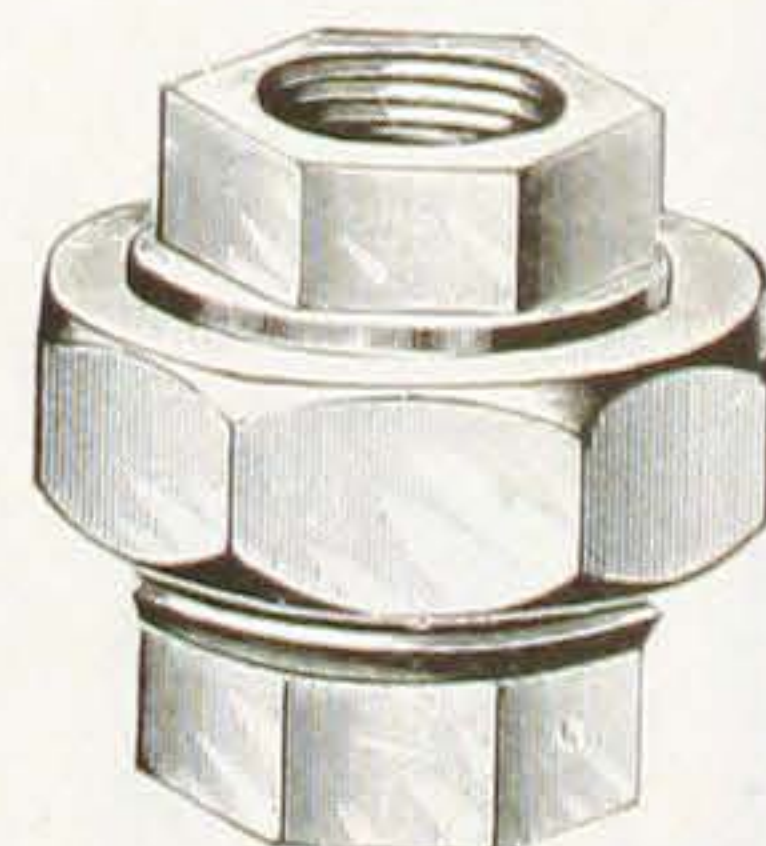
SAFETY VALVE. No. PSS 4250

Size	1/2"	3/4"	1"
Price	6/2	7/2	7/11 each.



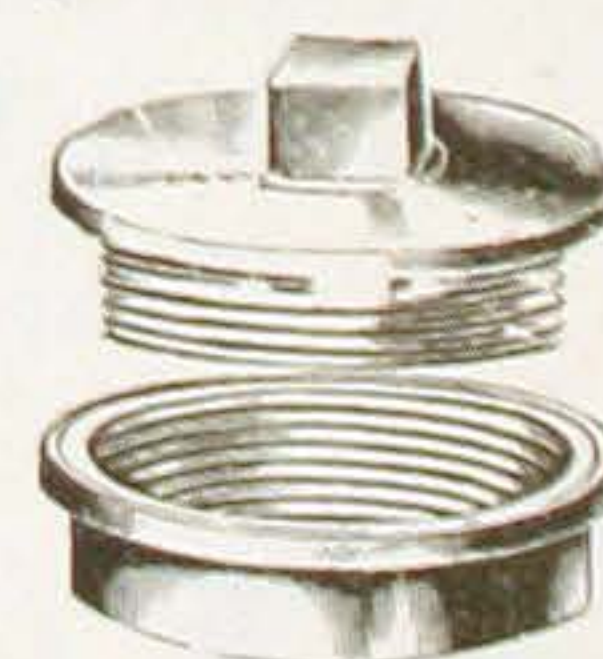
No. PSS 4268
STRONG CAP AND LINING FOR WATER.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	7d.	8d.	11d.	1/3	2/1	2/10 6/- each.



No. PSS 4285 and No. PSS 4286
GUN METAL STEAM UNION.
For Iron. Tightened.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	1/4	1/7	2/-	2/8	3/1	4/6 11/6 13/6 11/11 each
No. PSS 4286 Stronger quality.						
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	2/-	2/6	3/1	5/8	7/3	11/- 12/6 20/- each.



No. PSS 4283
TRAP SCREWS.
Square Top.

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	7d.	8d.	10d.	1/2	1/4	1/5 each.
Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	2/-	2/4	2/9	4/6	5/8 each.	

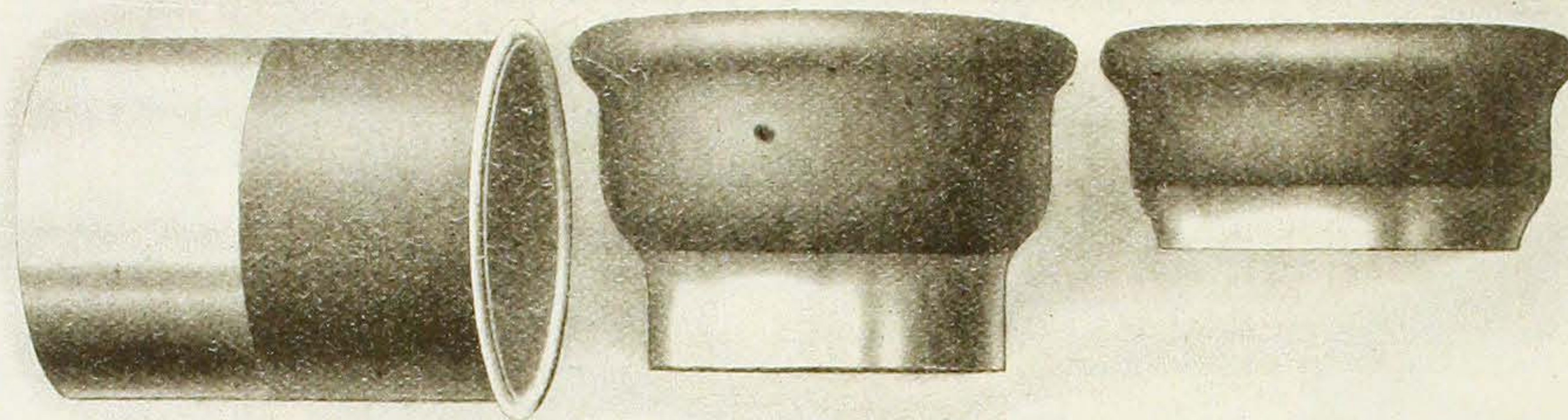


No. PSS 4284

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Price	8d.	10d.	11d.	1/3	1/6	1/9 each.

Flush Pipes, Clips and Sockets

Where Solid Drawn Metal is better than Cast.



No. PSS 6908
Machine Made solid drawn Brass Soil Pipe Ferrule.

Bore.	Length.	Medium Pattern.
4 1/4"	5"	36/9 dozen.
3 3/4"	4 1/2"	29/- "
3 1/4"	4"	22/9 "
2 3/4"	3 3/4"	18/6 "
2 1/4"	3 1/4"	15/9 "
1 3/4"	3 1/4"	14/- "
Bore.	Length.	Long Pattern.
4 1/4"	6"	45/6 dozen.
3 3/4"	6"	38/6 "
3 1/4"	6"	30/8 "
2 3/4"	6"	27/3 "
2 1/4"	6"	22/9 "
1 3/4"	6"	18/- "
Bore.	Length.	Short Pattern.
4 1/4"	4"	29/9 dozen.
3 3/4"	3 3/4"	24/6 "
3 1/4"	3 3/4"	19/9 "
2 3/4"	3 1/2"	16/3 "
2 1/4"	3 1/4"	14/- "
1 3/4"	3 1/4"	12/9 "

No. PSS 6909
Ordinary Pattern.
Machine made solid drawn Brass Sockets.

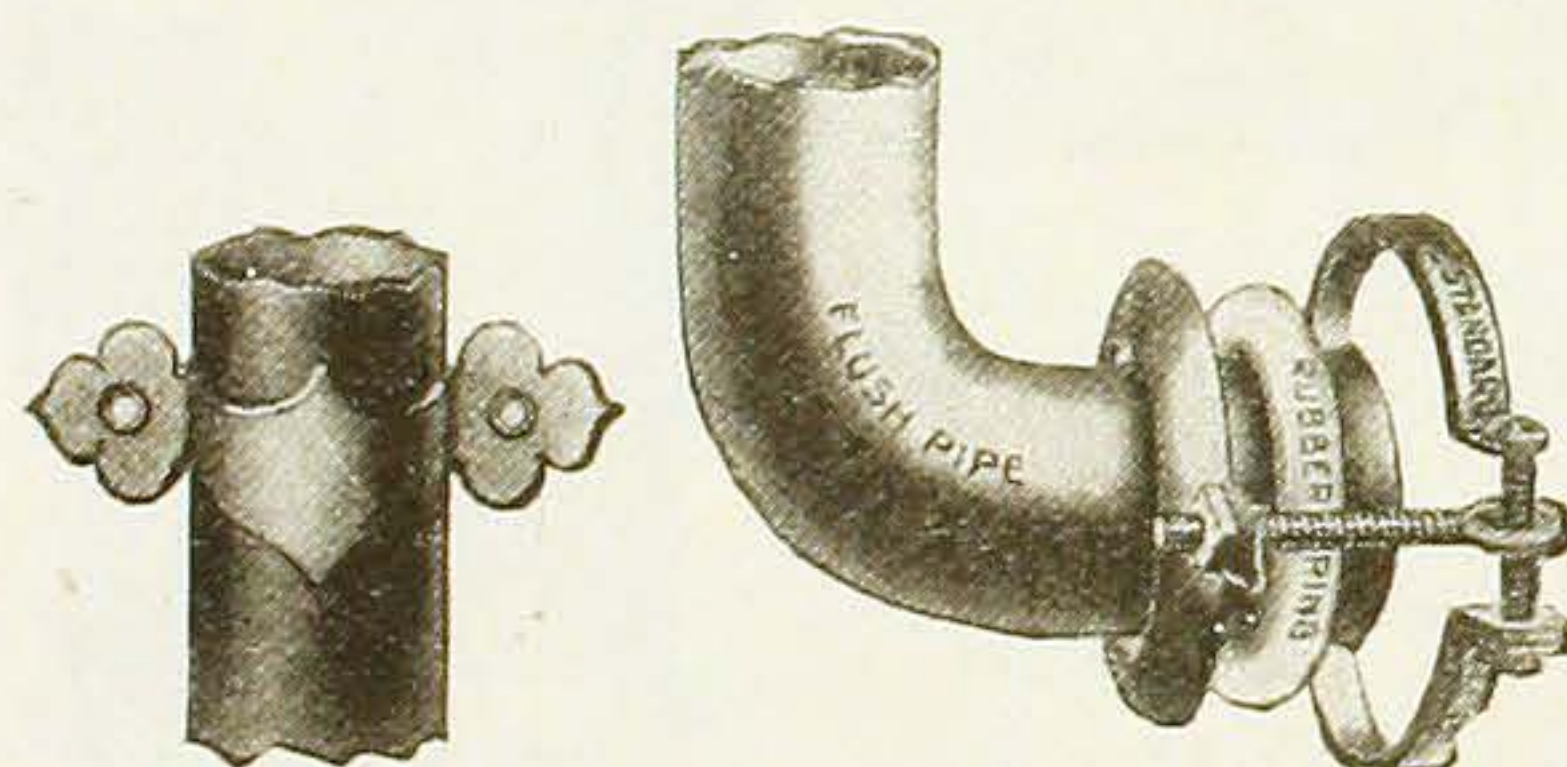
Size.	No. PSS 6909 per dozen.	No. PSS 6910 per dozen.
5 3/4" x 4 1/4"	47/3	42/-
5 3/8" x 4 1/4"	42/-	36/9
5 1/4" x 4 1/4"	42/-	36/9
5 1/4" x 3 3/4"	42/-	36/9
5" x 3 3/4"	36/9	30/3
5" x 4 1/4"	36/9	30/3
4 1/2" x 3 1/2"	33/3	29/9
3" x 2 1/2"	24/2	22/4
3" x 2"	24/2	22/4

No. PSS 6910
Short Pattern.
Machine made Solid Drawn Brass Sockets.

Machine made Solid Drawn Brass Sockets.
No. PSS 6909 and PSS 6910



Machine made Solid Drawn Brass Sockets.
No. PSS 6908

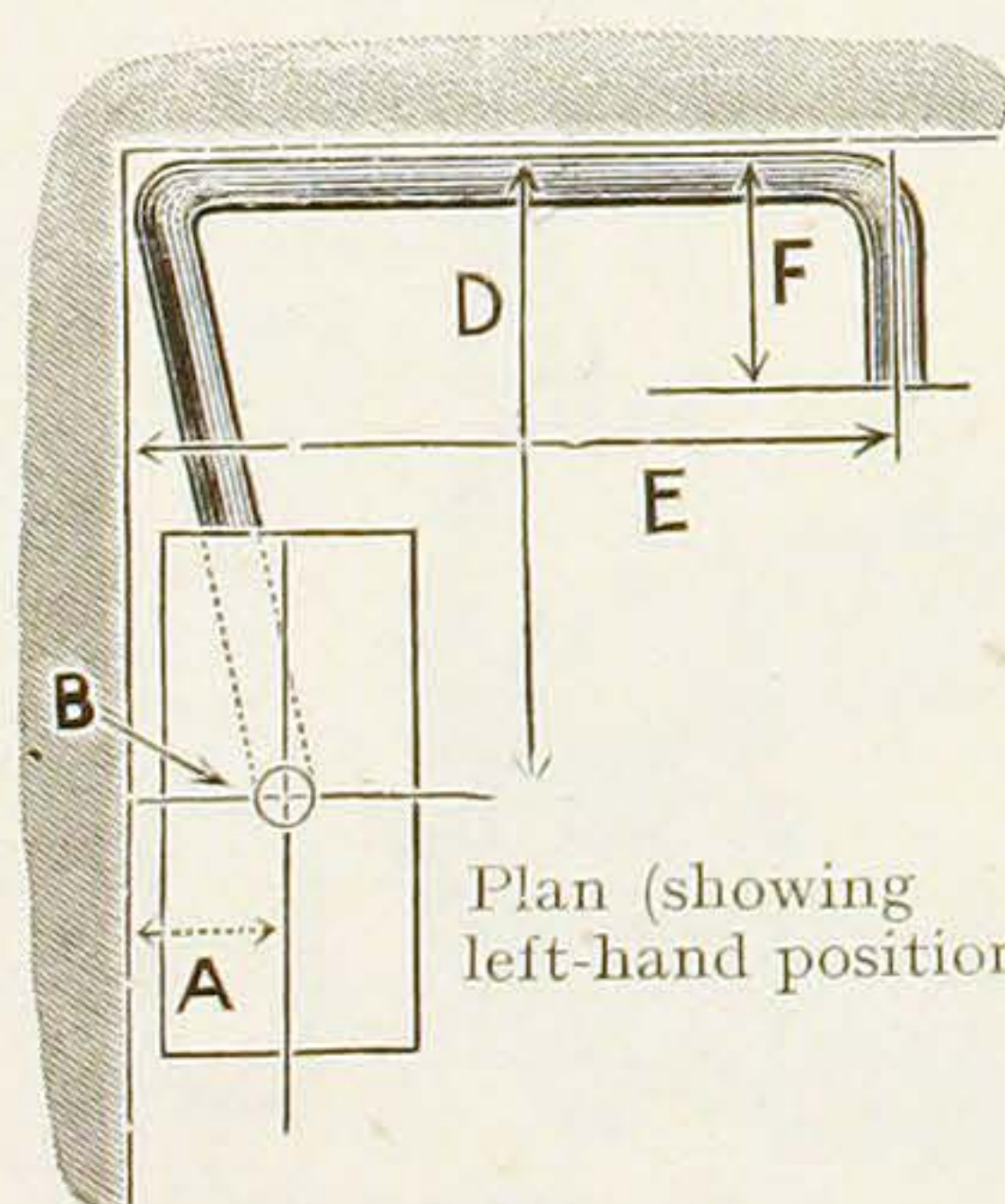


No. PSS 6911
Flush Pipe Clip.
Prices below.

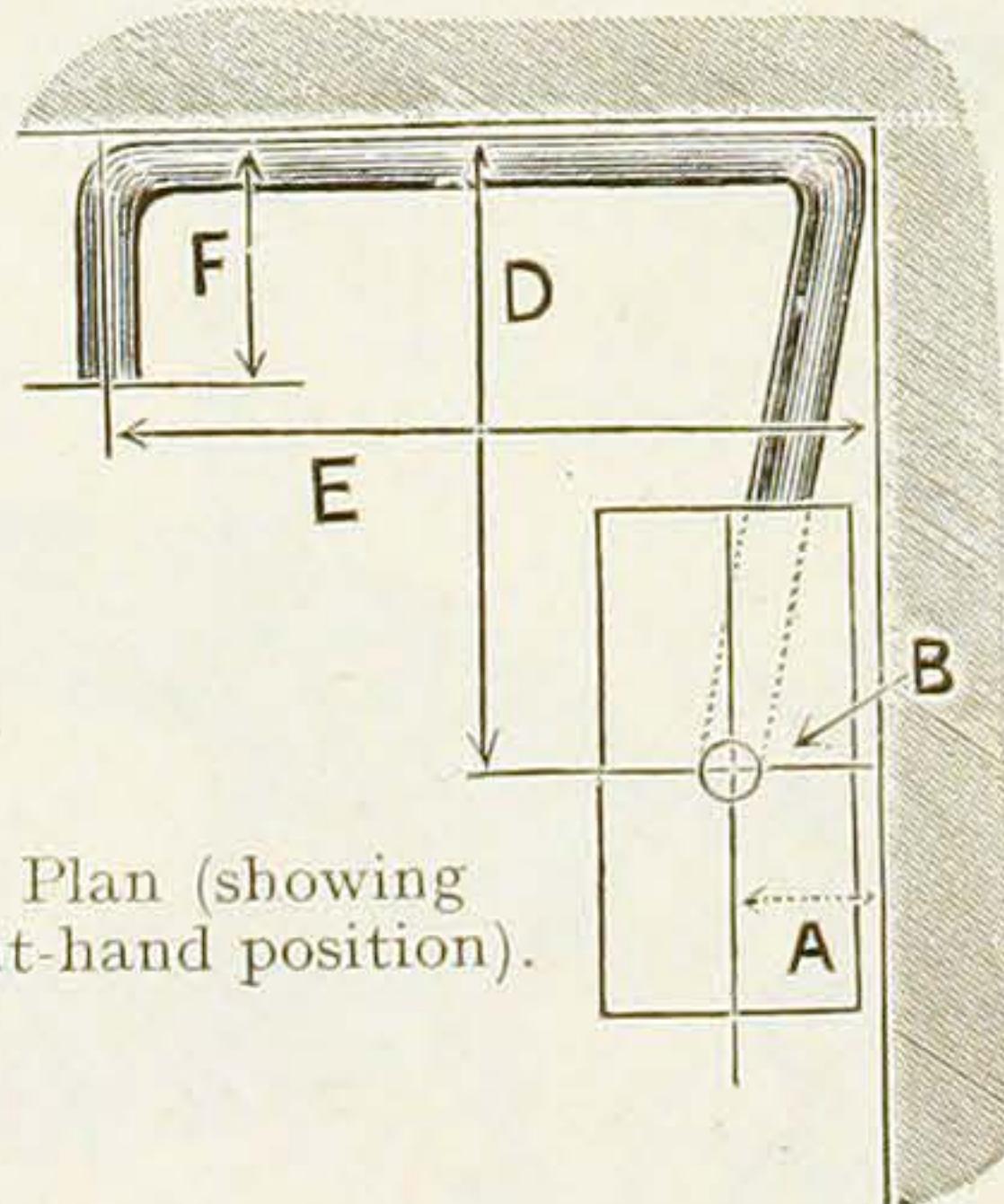
No. PSS 6912
Flush Pipe Connection.
Electro Coppered on Galv. Steel, 10/6 per doz.

No. PSS 6913
Flush Pipe Clip.
With India-rubber Buffer.
8/- per gr. extra to
No. PSS 6911

Inside measurement of clip	1 3/8"	1 1/2"	1 5/8"	1 3/4"
Tinned Steel	19/3	22/-	24/6	27/2 gross.
Polished Brass	44/8	48/2	52/6	57/- "
N.P. Brass	57/9	61/3	65/9	70/- "
Polished Copper	57/9	61/3	65/9	70/- "
White Finish	126/-	147/-	147/-	168/- "



Plan (showing left-hand position).

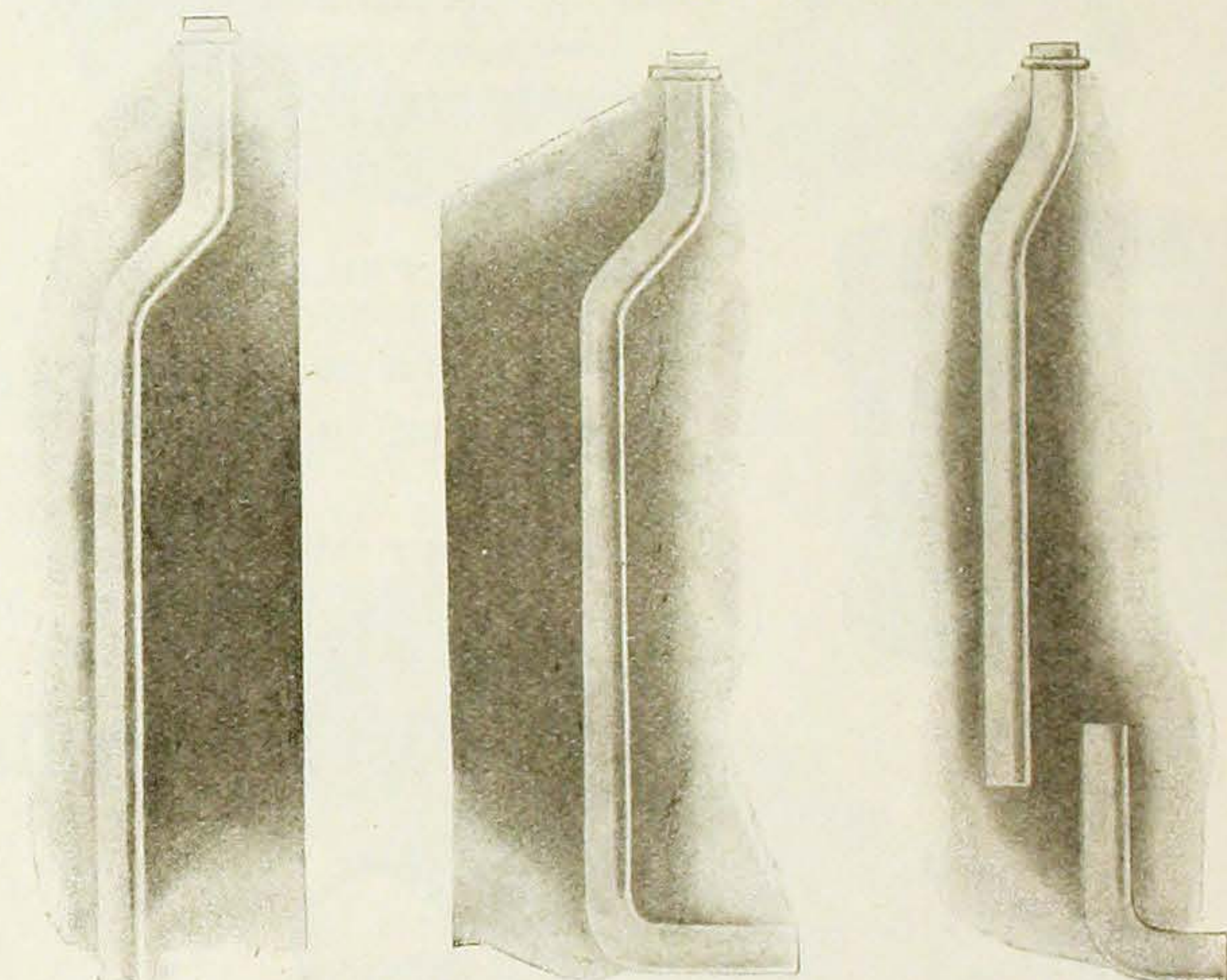


Plan (showing right-hand position).

The following details are required with ALL FLUSH PIPE ORDERS.

- (1) SIDE WALL PATTERN— (2) ORDINARY PATTERN—
A, B, C, D, E, F, G. A, B, C, F, G.
A—Distance from wall to centre of cistern outlet. B—Diameter of flange.
C—Overall length. D—Distance from cistern outlet to wall corner.
E—Distance from closet inlet to wall corner. F—Length of return bend.
G—Bore.

Important.—Owing to the intense heat to which the Flush Pipes are submitted, slight variations in sizes are usual, this however is reduced to a minimum.



No. PSS 6914

No. PSS 6915

No. PSS 6916

CISTERN FLUSH PIPES.

No. PSS 6914 Galvanized Seamless Steel, in one piece to suit top inlet pan.

	5' 0"	5' 6"	6' 0"
1 1/4" bore ...	4/2	4/6	4/8 each.
1 3/8" " ...	4/10	5/2	5/6 "
1 1/2" " ...	5/2	5/8	6/- "

Extra if fitted with Air Pipes, 2/8 each.
White Porcelain Enamelled Steel, Price as **PSS 6915** below less 11d. each.
N.P. Brass, Polished Brass or Polished Copper ditto less 1/4 "

No. PSS 6915		Flanged 1 3/4". Offset 4 1/2". Return Bend, 8".							
Galvanized		White Porcelain		N.P.	Polished	Polished			
Seamless		Enam. Steel,		Brass.	Brass.	Copper.			
Steel.		Grey enam. inside			19G.	19G.			
Bore	1 1/4"	1 3/8"	1 1/2"	1 1/4"	1 1/2"	1 1/4"	1 1/2"		
5' 0"	4/1	5/2	5/5	21/-	22/-	22/9	22/4 25/-	17/6 20/3	20/3 22/9
5' 6"	4/6	5/5	5/10	22/-	22/9	23/8	23/3 26/-	18/6 21/-	22/- 24/6
6' 0"	4/8	5/8	6/6	22/9	23/8	24/6	24/2 26/9	19/3 22/-	23/8 26/3
Priced each									

Extra if fitted with Air Pipe, 2/8 each.

No. PSS 6916 Telescopic. Galvanized Seamless Steel. Flange 1 1/4".
Offset 4 1/2". Return bend, 8".

	5' 0"	5' 6"	6' 0"
1 1/4" bore ...	4/3	4/8	4/10 each.
1 3/8" " ...	5/3	5/8	5/10 "
1 1/2" " ...	5/9	6/2	6/8 "

Extra if fitted with Air Pipe, 2/8 each.
N.P. Brass and Pol. Brass, Prices as **PSS 6915** above, but 1/4 each extra.

"B" Basis.

Chemical and Earth Closets, Cistern Pulls, etc.



No. PSQ 3114
THE ELSAN
CHEMICAL CLOSET.

No. PSQ 3114

The "Elsan" Chemical Closet is all steel, and is supplied beautifully stove enamelled. It is scientifically ventilated, unbreakable, easily and quickly fitted, and is portable enabling it to be moved at any time.

The chemical is specially prepared, kills all disease germs, sterilizes and renders aseptic the sewerage, rendering it harmless, odourless, and to discharge is no more unpleasant than emptying a bucket of clothes water.

The refuse is valuable as a manure, buried or spread over the ground. The chemical does not rust or corrode the metal and full instructions appear on each tin.

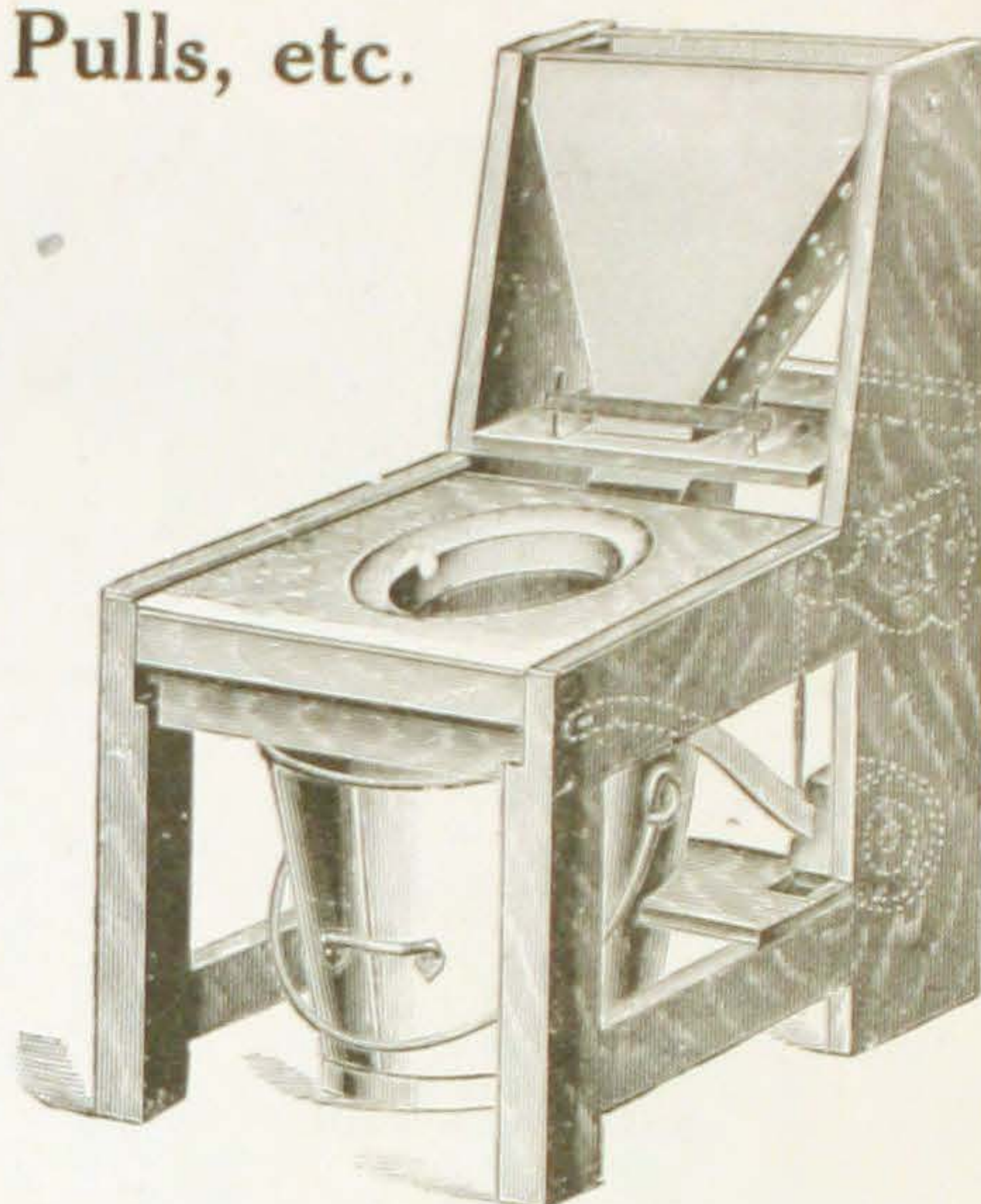
One pint of chemical to 1-2 gallons of water put in the container every 3-4 weeks is all that is necessary. The cost of the "Elsan" Chemical to last about six months is 5/-

Price complete with Ventilation Chamber (glass enamelled) 9 gallon container, 7 ft. pipe, 2 elbows, wall collar and cowl all enamelled, with wooden mahogany coloured seat and lid, with one gallon tin of chemical, £5 5 0

Sent with complete plans for installing.

No. PSS 3133 EARTH CLOSET.

Price without Pail	...	90/- each.
" with handle to pull at back	...	73/- "
Brass handle extra	...	3/8 "



No. PSS 3133
Reliable Earth Closet.

Can be supplied self-acting or to pull up with Galvanized Iron Handle. Hopper for Earth is made of Galvanized Iron. Seats lift off for cleaning and are fitted with strong galvanized rims. Size 22" across seat, 2' 2" deep, 3' 3" high.

SANITARY PAILS.

No. PSQ 3115 Galvanized Earth Closet 17" x 84 lbs. 48/- dozen, 4/3 each.

No. PSS 3116 Round Pail ... Size 16" x 14" 18" x 16"
Price 5/- 6/- each.

No. PSS 3117 Waterloo Shaped Pattern, Light, 16" long x 12 1/2" high x 13" wide.
For Earth Closets, 24G. Price 3/6 each.

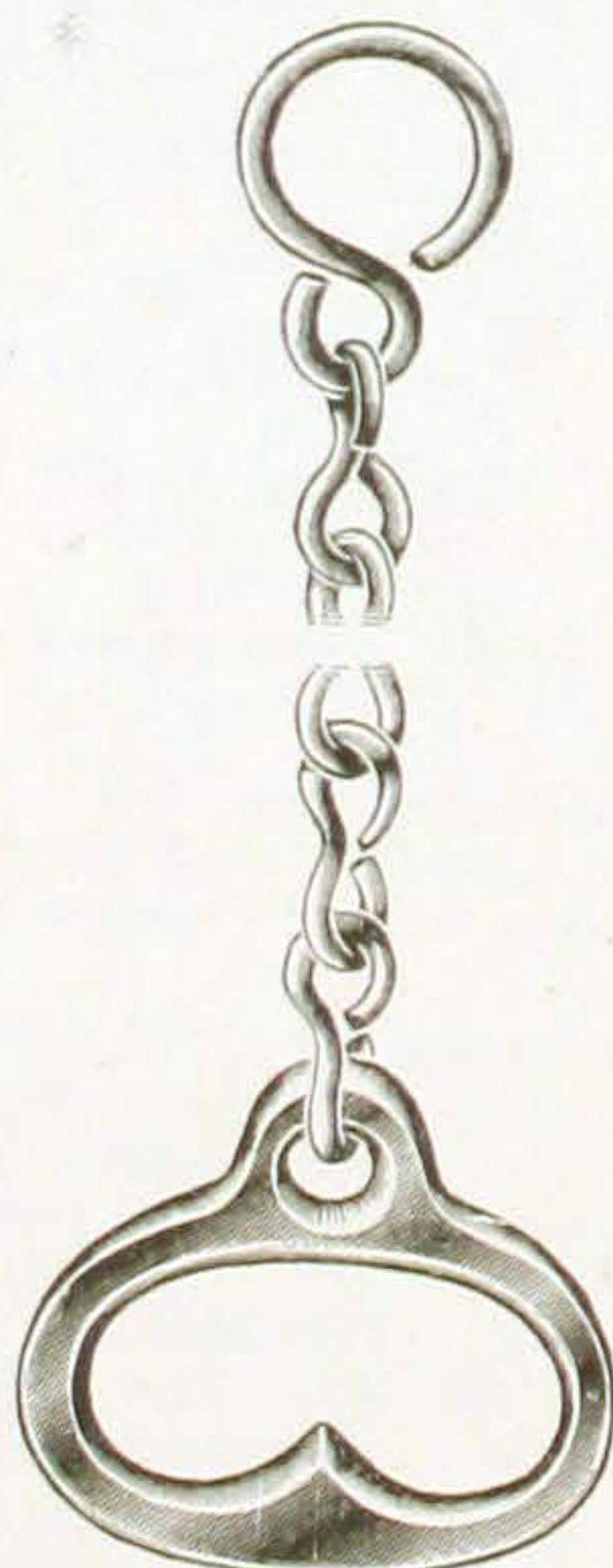


No. PSQ 3115

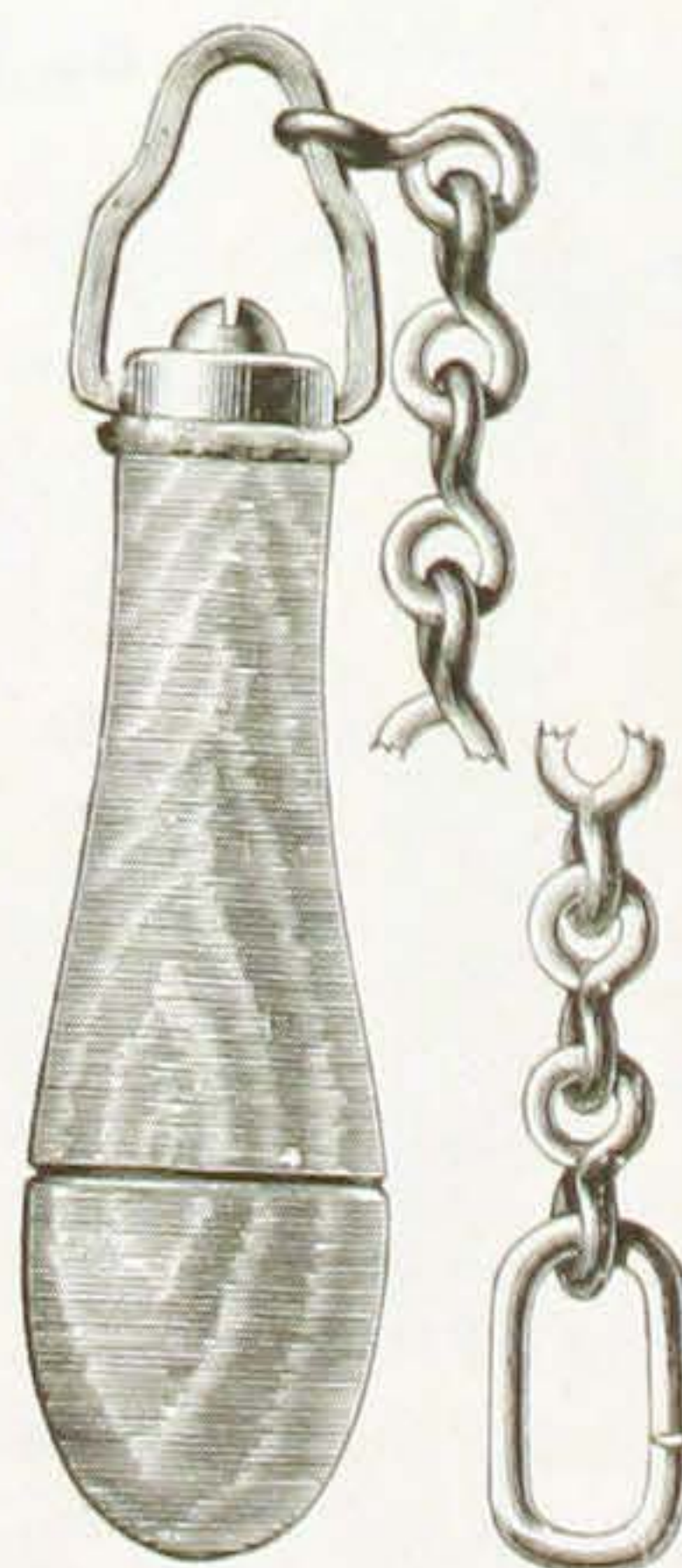
Cistern Pulls, Chain and Stay



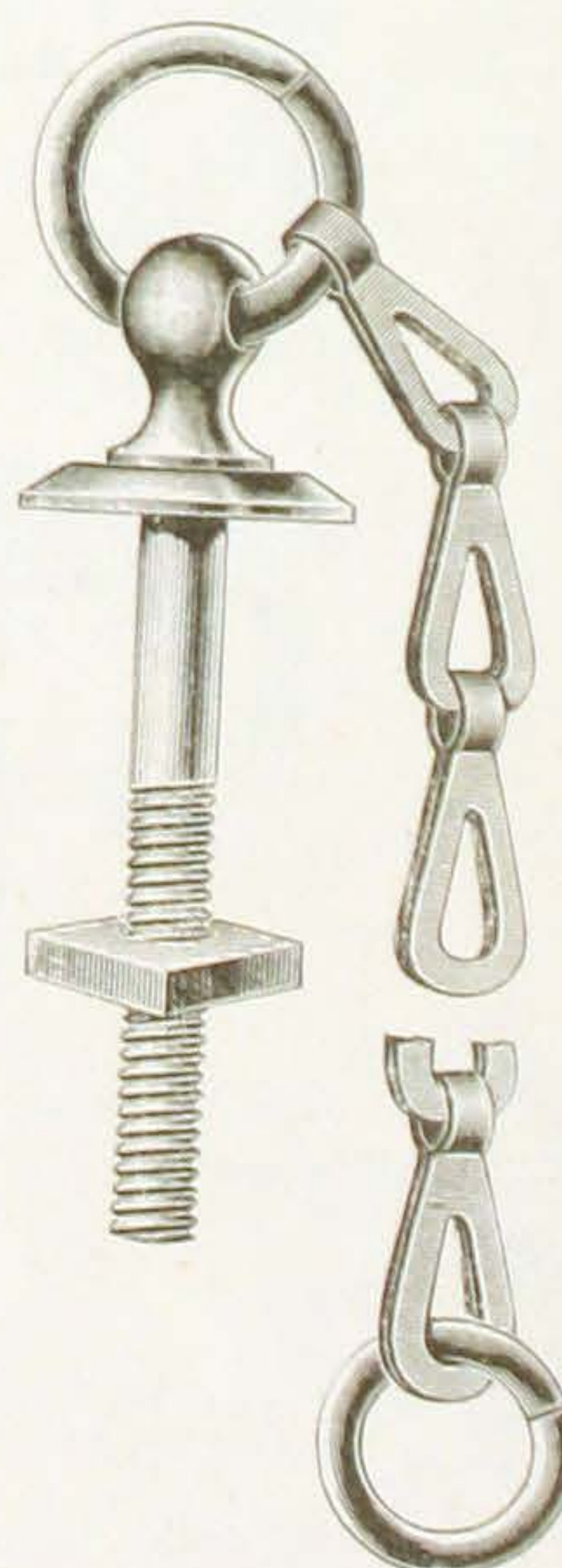
No. PSQ 1502
Ebonized Handle.
Complete with
24" Brass Chain.
Price ... 24/3 dozen,
2/2 each.



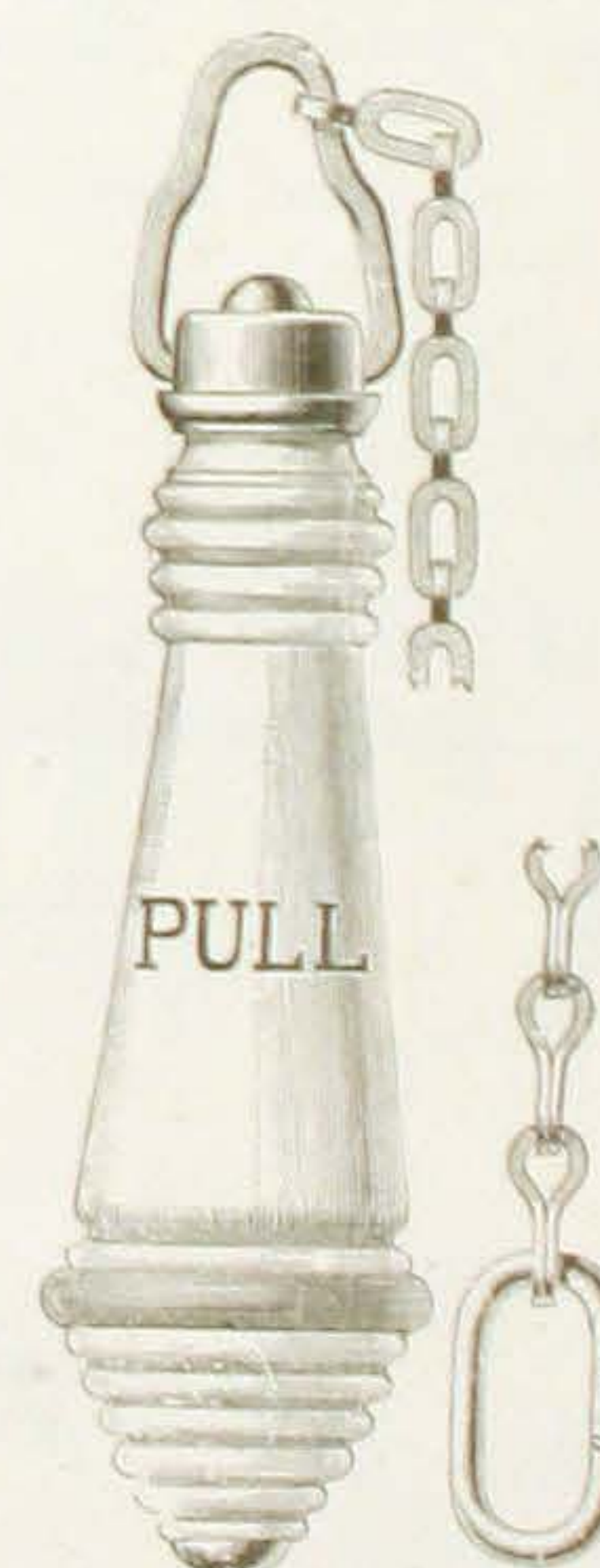
Scale 1/2 size.
No. PSS 1504
Galvanized.
Length of Chain.
24" 27" 30"
Price 43/9 46/6 49/- gross.
" 3/9 4/- 4/3 dozen.
" 5d. 6d. 6d. each.



No. PSS 1500
Beech.
With 24" Tinned Chain.
Price 8/- dozen.
9d. each.



No. PSS 1501 Brass.
Pin with 27" Chain.
Price 57/9 gross.
" 5/- dozen.
" 7d. each.
("B" Basis.)



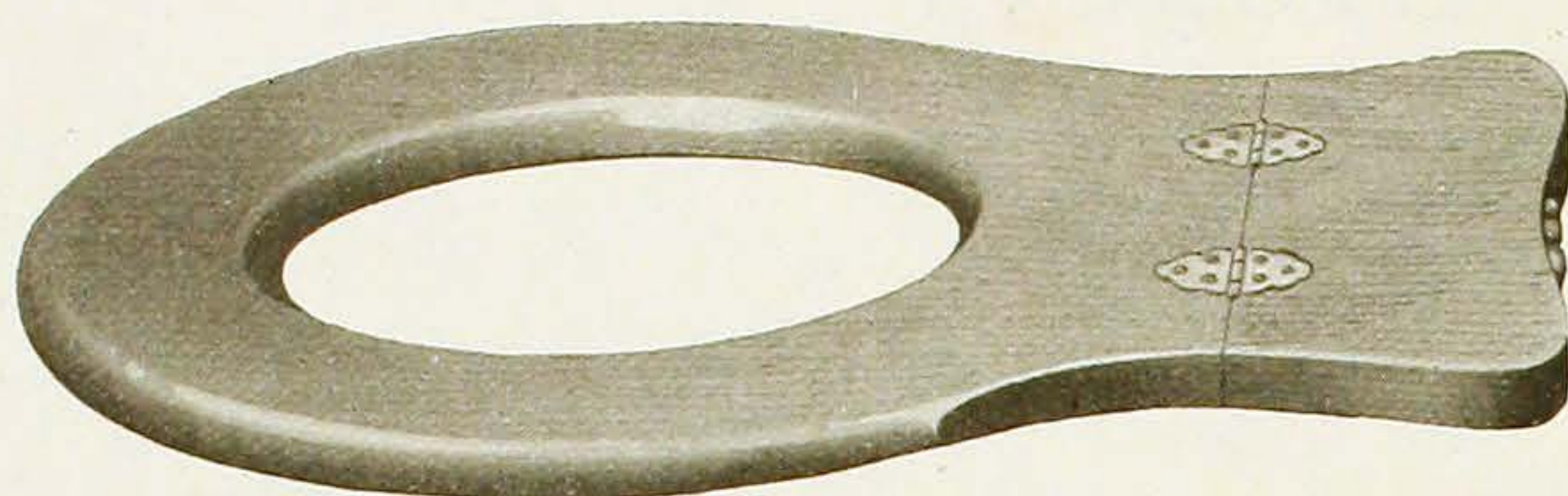
No. PSS 1503
China Handle.
With 24" Brass Chain.
Price 20/3 dozen.
" 1/10 each.

No. PSS 1505
Cheaper Pattern.
30" 36"
With Brass Chain, 1/- 1/2
" N.P. " 1/2 1/4
each.

Cistern Pulls "B," Remainder "A" Basis.

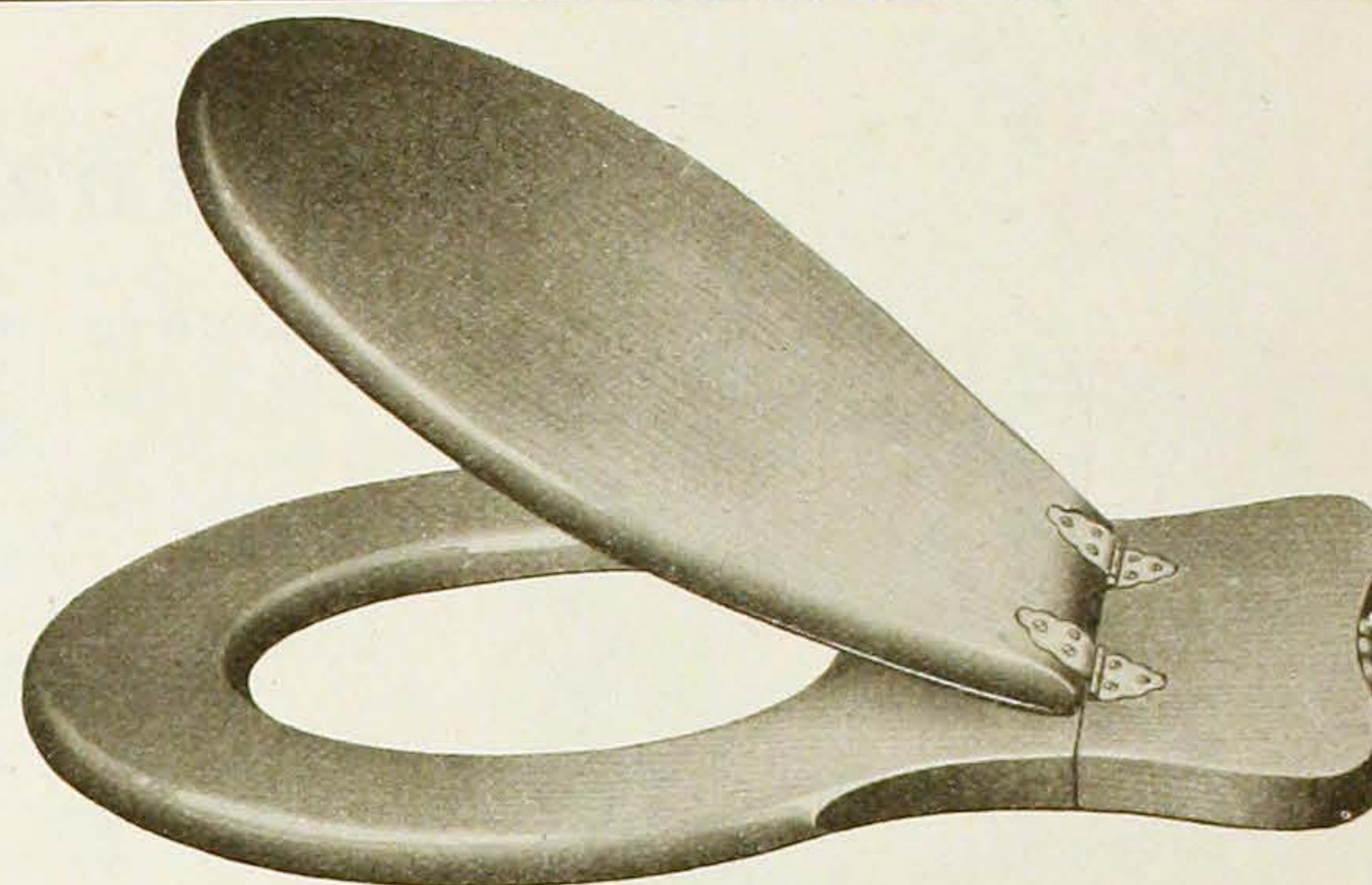
PSS—Stock Lines; PSQ—Quick delivery.

Lavatory Seats

**No. PSS 3121**

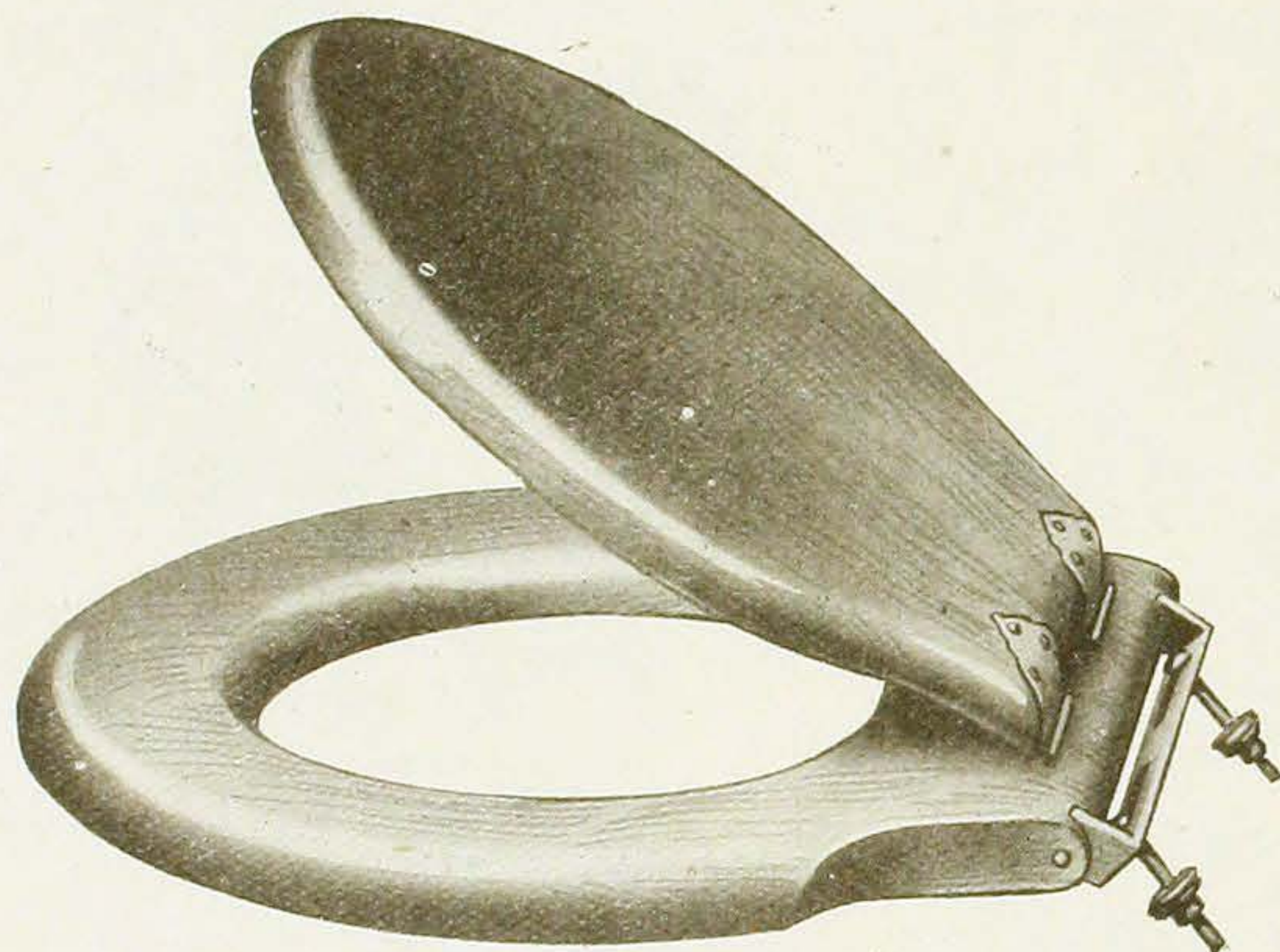
Single, with shaped back and brass top hinges, or with side hinges.

	1"	1 1/4" wood.
Unpolished	4/6	7/11 each.
Varnished	6/3	11/- "
Polished	7/-	12/3 "
Real Mahogany	11/6	20/3 "

**No. PSS 3123**

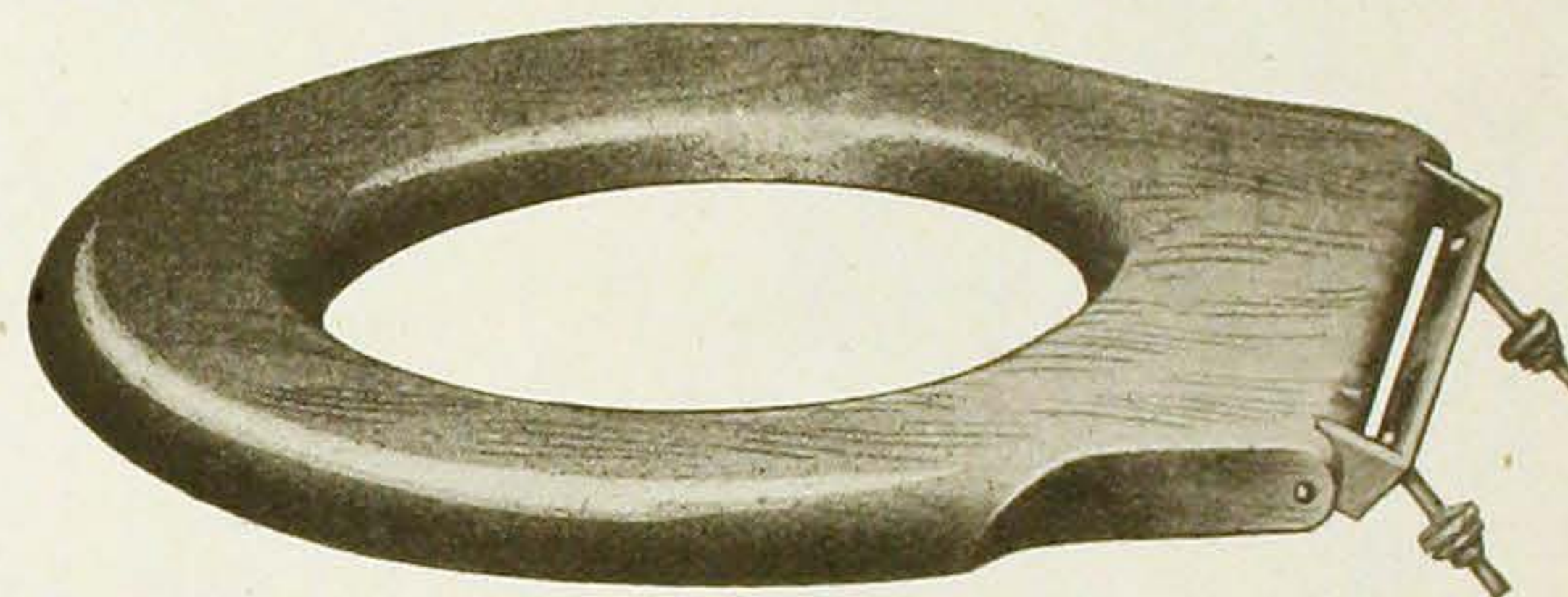
Double, with shaped back and three flap brass top hinges, or with side hinges.

	1"	1 1/4" wood.
Unpolished	5/3	8/9 each.
Varnished	7/-	11/10 "
Polished	7/11	13/3 "
Real Mahogany	12/9	21/6 "

**No. PSS 3140**

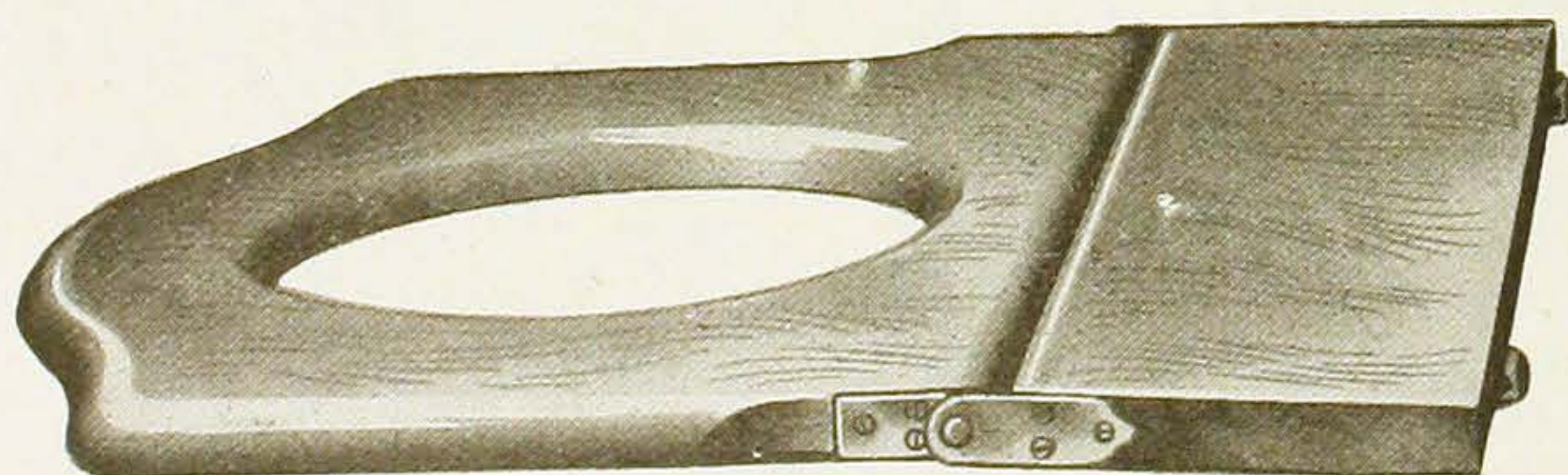
Double, with Buffers and Galvanized Patent Adjustable Hinges.

	1"	1 1/4" wood.
Unpolished	7/9	8/6 each.
Varnished	10/3	10/10 "
Polished	12/3	12/10 "
Real Mahogany	18/-	18/10 "

**No. PSS 3127**

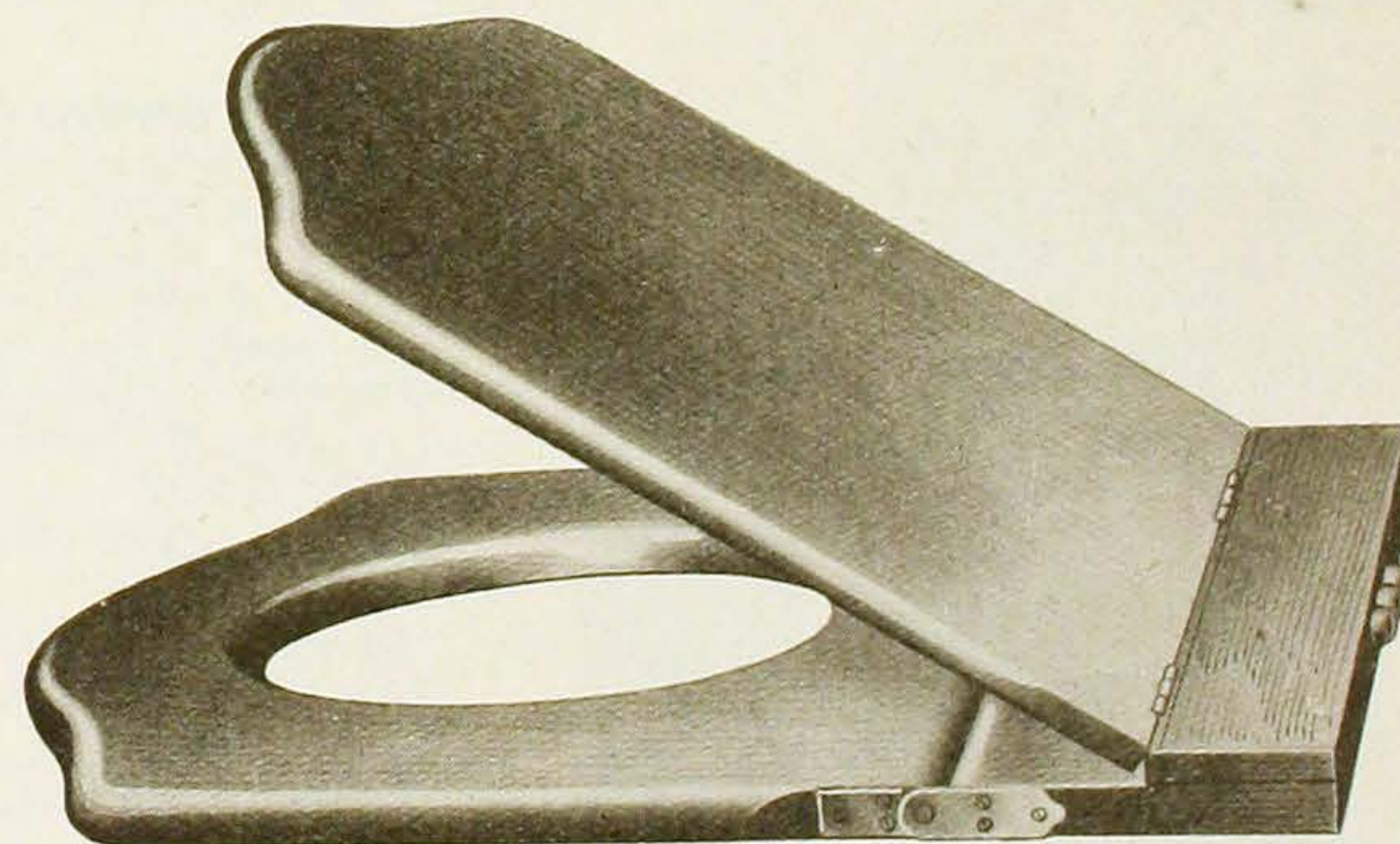
Single, with Patent Adjustable Hinges. Complete with Galvanized hinges and buffers.

	1"	1 1/4" wood.
Unpolished	4/3	4/10 each.
Varnished	5/3	6/- "
Polished	6/6	7/- "
Real Mahogany	10/3	11/- "

**No. PSS 3129**

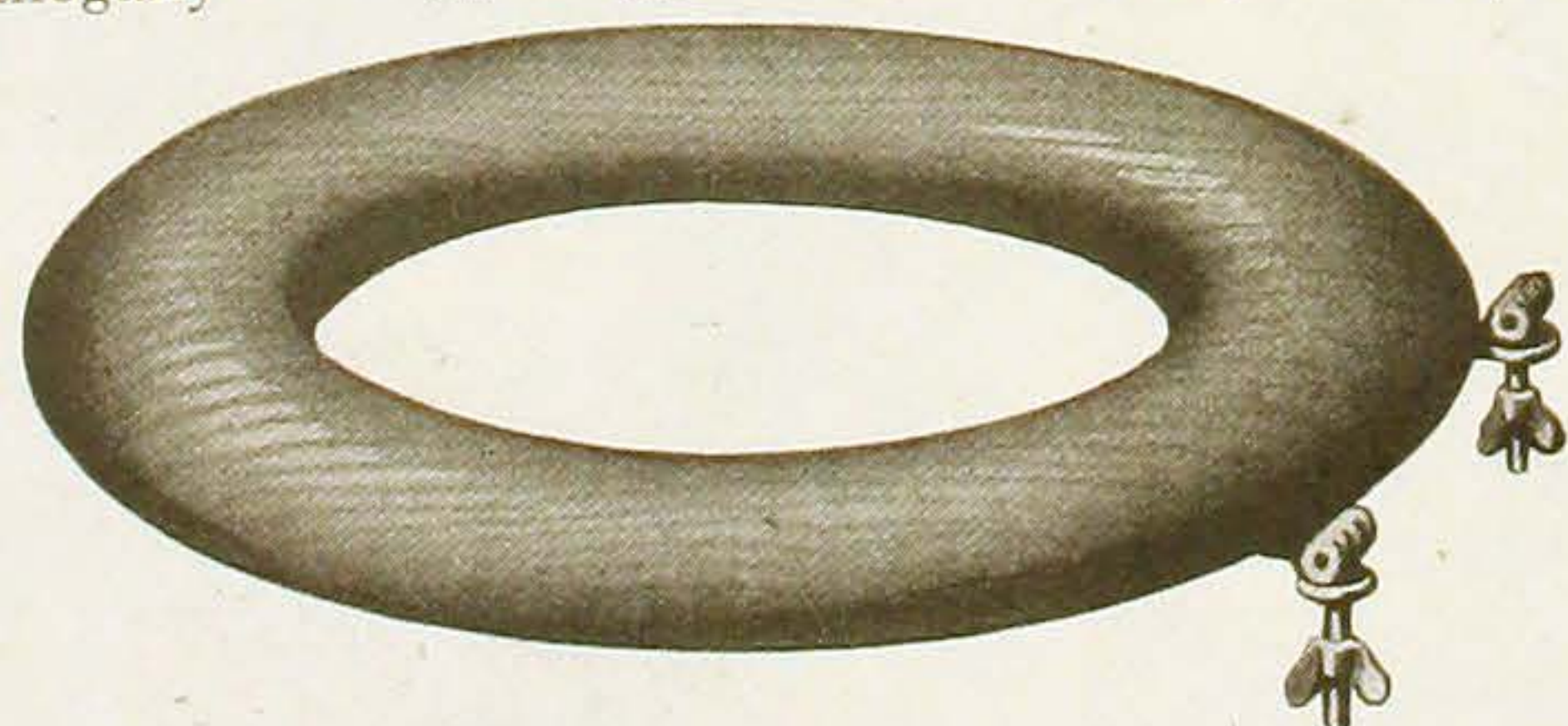
Single, with Brass Butt Hinges, or Standard Pattern with Side Hinges.

	1"	1 1/4" wood.
Unpolished	6/6	7/9 each.
Varnished	8/6	9/9 "
Polished	9/9	11/- "
Real Mahogany	14/-	15/9 "

**No. PSS 3151**

Double, with Brass Butt Hinges or standard pattern with side Hinges to seat and butt hinges to lid.

	1"	1 1/4" wood.
Unpolished	13/3	14/6 each.
Varnished	16/3	17/6 "
Polished	18/6	19/9 "
Real Mahogany	27/3	29/- "



No. PSS 3148 (Single). **No. PSS 3149** (Double). Without Hinges.

	Wood.	Unpolished.	Varnished.	Polished.	Real Mahogany.
No. PSS 3148	1"	3/3	4/3	5/5	8/9 each.
	1 1/4"	3/10	5/-	6/-	9/9 "
No. PSS 3149	1"	5/9	8/3	10/3	15/9 "
	1 1/4"	6/6	8/9	10/10	16/8 "

Hinges for the above, per pair, extra.

	Galvanized.	Brass.	N.P. on Brass.
No. PSS 3148	1/2	2/8	3/3
No. PSS 3149	1/8	3/6	4/6

**No. PSS 3134 BATH SEATS.**

Unpolished Hardwood	7/9 each.
Polished Natural Colour or Imitation Mahogany	9/- "
White Celluloid Seats, Nickel Plated Hangers	24/- "

Combination Closets



No. PSS 6812

Approximate Overall Sizes—

Height	...	3' 2"
Width (including Lever)	...	2' 2"
Projection	...	2' 6 1/2"

No. PSS 6812 Washdown Closet Set, comprising Closet in white glazed earthenware, with "S" or "P" Trap*, single thickness polished Hardwood Hinged Seat, 2-gallon low-down Valveless siphon Cistern in painted cast iron to pass Birmingham. Painted iron connecting pipe, india-rubber joint. £7 11 0

*Closet may be supplied with "S" or "P" Trap, R.H. or L. Hand Vent, or Side Outlet at no extra charge.

No. PSS 6812A Ditto*, but with Closet in white glazed fireclay, £7 11 0

*Closet may be supplied with "S" or "P" Trap R.H. or L. Hand Vent, at no extra but if Side Outlet is required R. or L. Hand, 7/3 extra. Cisterns to pass London New River and Leicester—no extra.

No. PSS 6813 Washdown Closet Set, comprising Closet in fireclay, white glazed inside and buff glazed outside, "S" or "P" Trap*, single thickness Polished Hardwood Hinged Seat, 2-gallon low-down "Lever" Valveless Siphon Cistern in painted cast iron, painted cast iron connecting pipe, india-rubber joint.

Closet, 1st quality	...	£4 17 3
Run of Kiln quality	...	4 13 0

Extra :
Cistern to pass Leicester ... 4/3 extra.

Reduction :
Cistern to pass London New River 3/8 less.
*Closet may be supplied with "S" or "P" Trap, R.H. or L.H. Vent, at no extra charge but if Side Outlet is required R. or L Hand.
1st quality ... 7/3 extra.
Run of Kiln quality ... 6/6 "



No. PSS 6813

Approximate Overall Sizes—

Height (including Lever)	3' 6"
Width (including Lever)	1' 11"
Projection	2' 7"



No. PSO 6990

Approximate Overall Sizes—

Height	...	3' 6"
Width	...	1' 10 1/4"
Projection	...	2' 7"

No. PSO 6990 Combination Closet Set, comprising modern Closet in White Glazed Vitreous China, with "S" or "P" Trap*, double thickness Polished Mahogany Hinged Seat with Cover, and nickel plated hinges, 2-gallon Combination polished Mahogany Lead lined Cistern, with Porcelain enamelled Connecting Pipe, india-rubber joint; including Mahogany Plinth at front, and Mahogany panel at back ... £17 12 0

Cistern to pass London New River and Leicester—no extra.

Extra : If Cistern with Brass Siphons to pass Manchester, 12/- extra.

Reduction—If Cistern with Lead Siphons to pass Manchester, 1/9 less.

*Closet may be supplied with "S" or "P" Trap R. H. or L. Hand Vent, or Side Outlet at no extra charge.

No. PSS 6851—Combination Closet Set, comprising Closet in Fireclay, "S" or "P" Trap*, White Glazed inside and outside, single thickness Polished Hardwood Seat, plain painted cast-iron low-down Valveless Siphon Cistern, hollow front, to pass Birmingham, plain painted cast iron Connecting pipe and india-rubber joint.

Closet 1st quality	...	£7 5 0
Run of Kiln quality	...	£7 0 3

Extras :—
If Cistern white Porcelain enamelled inside and outside £1 11 8 extra.
Double thickness Polished Mahogany hinged Seat, 11/3 each.
Polished Mahogany Covers to Seats, 12/3 each.

*Closet may be supplied with "S" or "P" Trap R. H. or L. Hand Vent, at no extra, but if Side Outlet is required R. or L. Hand.
First quality ... 7/3 extra.
Run of Kiln Quality ... 6/6 "



No. PSS 6851

Approximate Overall Sizes—

Height (including Lever)	3' 9"
Width	2' 2"
Projection	1' 11"

W.C. Suites

SPECIFICATION AND PRICES.

No. PSS 6854 WASH-DOWN CLOSET SUITE

		To Pass—		Birmingham		Leicester		London		Burlington	
								Metro W. B.			
Comprising—		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Cane and White "Worcester" Pedestal with "S" Trap		1	5 6	1	5 6	1	5 6	1	5 6	1	5 6
Single unpolished Hard Wood Seat		4	3	4	3	4	3	4	3	4	3
Flushing Cistern, 2 gallon in painted cast iron		1	6 4	1	12 4	1	4 9	0	17 1		
Cistern Pull, Brass Chain and Imitation Mahogany Handle		2	0	2	0	2	0	2	0		
*Cistern Brackets, 9" painted Slate colour, as shewn		1	2	1	2	1	2	1	2		
Flush Pipe, Galvanised Seamless steel, telescopic, 1½" x 5' 0"		4	1	4	1	4	1	4	1		
*Flush Clips as shewn in PSS 6862 below			5		5		5		5		

Complete Suite, plain painted Cistern	£3 3 9	£3 9 9	£3 2 2	£2 14 6
Extra if Cistern Porcelain En.	1 7 3	1 5 6	1 1 4	1 1 3

Complete Suite Porcelain enamelled Cistern	£4 11 0	£4 15 3	£4 3 6	£3 15 9
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If Pedestal supplied with "P" Trap, no extra.
Right or Left Hand Vent, no extra.
Side Outlet, no extra.

If Seat Polished Hardwood, 2/9 extra, if Real Mahogany, 6/9 extra.

*NOTE.—This Suite is usually supplied with Cistern Brackets and Steel Flush Pipe Clips as illustrated in Suite PSS 6862 below. Lead Pipe and Double Tacks in lieu of Galvanised Flush Pipe and Clips will be quoted for on application if desired.

No. PSS 6855 WASH-DOWN CLOSET SUITE.

		To Pass—		Birmingham		Leicester		London		New River	
Comprising—		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Pedestal in White Glazed Earthenware, with Seat Extension, "S" (or "P") Trap*		1	8 8	1	8 8	1	8 8	1	8 8	1	8 8
Stained Mahogany Seat and Cover, 1½"		13	7	13	7	13	7	13	7	13	7
Flushing Cistern, as shewn, 2 galls, plain painted C.I. valveless syphon with cover, lugs for fixing, Galvanised Chain and Pull				1 15 3		1 19 6		1 11 8			
Cistern Brackets 9" White Porcelain Enamelled			8 0		8 0		8 0		8 0		
Flush Pipe, Galvanised, seamless steel, Telescopic, 1½" x 5' 0"			5 6		5 6		5 6		5 6		
Flush Pipe Clips, as shewn in PSS 6862 below			5		5		5		5		

Complete Suite, Plain Painted Cistern	£4 11 5	£4 15 8	£4 7 10	
Extra if Cistern Porcelain Enamelled Inside and Outside	1 6 9	1 6 9	1 6 9	

Complete Suite, Porcelain Enamelled Cistern	£5 18 2	£6 2 5	£5 14 7	
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*Closet may be supplied with "S" or "P" Trap, R. H. or L. H. Vent, or Side Outlet at no extra charge.

No. PSS 6857 WASH-DOWN CLOSET SUITE

		To Pass—		Birmingham		Leicester		London		New River	
Comprising—		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Pedestal in Fireclay, White Glazed inside and outside, with "S" or "P" Trap*		2	9 0	2	9 0	2	9 0	2	9 0	2	9 0
Double thickness Mahogany Seat and Cover		1	10 7	1	10 7	1	10 7	1	10 7	1	10 7
Flushing Cistern as shewn, 2 gall. Porcelain enamelled Cast Iron, valveless syphon with cover		4	11 2	4	11 2	4	11 2	4	11 2	4	11 2
Cistern Pull, N.P., Chain and Imit-Mahogany Handle		2	2	2	2	2	2	2	2	2	2
Cistern Brackets, 9" White Porcelain Enamelled		8	0	8	0	8	0	8	0	8	0
Flush Pipe, 1½" x 5' 6" Nickel Plated		1	5 1	1	5 1	1	5 1	1	5 1	1	5 1
Flush Pipe Clips as shewn in PSS 6862 but N.P.		1	0	1	0	1	0	1	0	1	0

Complete Suite	£10 7 0	£10 7 0	£10 7 0	
If Pedestal Run of Kiln Quality, Less	6 0	6 0	6 0	

Complete Suite	£10 1 0	£10 1 0	£10 1 0	
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Extra if Closet supplied with Hardwood Insets on Rim, 8/6 extra to price above.

*Closet may be supplied with "S" or "P" Trap, R.H. or L. H. Vent at no extra, but if Side Outlet required, R. or L. H. best quality 7/3 extra; Run of Kiln Quality, 6/6 extra.

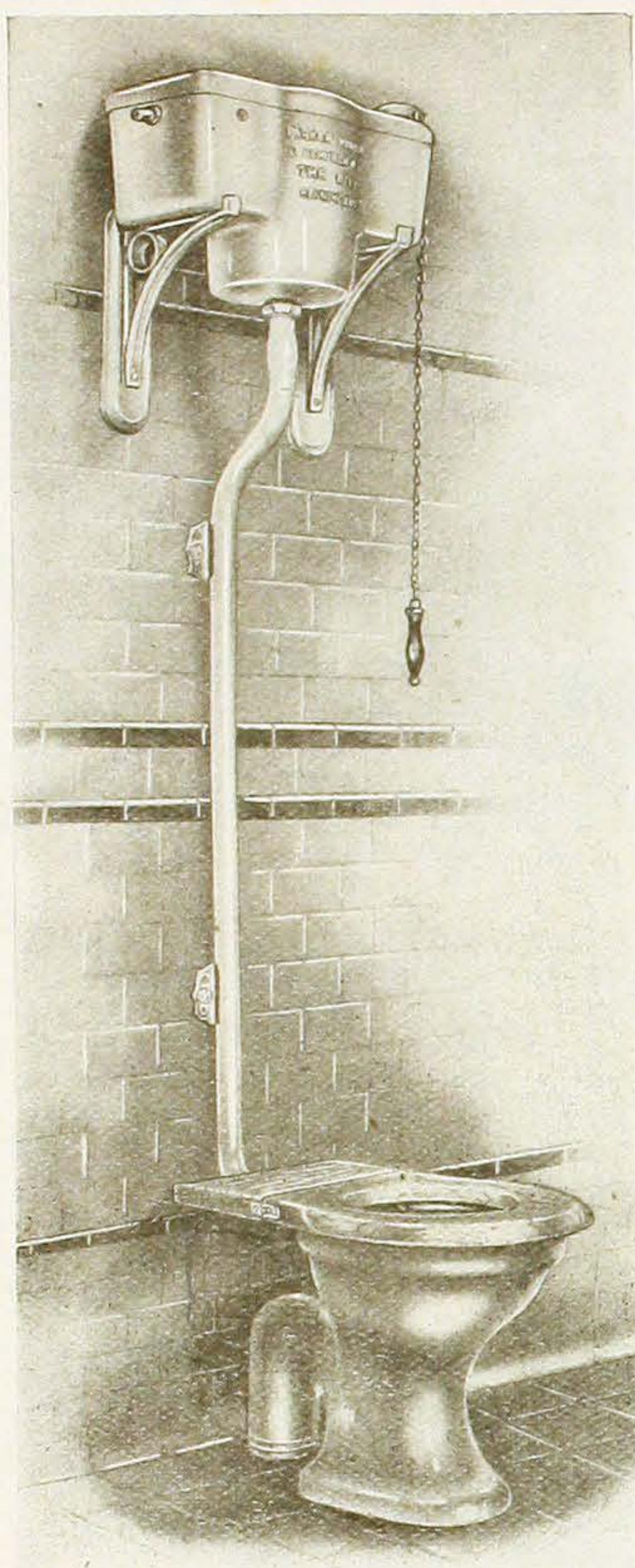
No. PSS 6862—WASH-DOWN CLOSET SUITE.

		To Pass—		Birmingham		Leicester		London		Metro. W.B.		Burlington	
Comprising—		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Pedestal in White Earthenware Glazed inside and outside with "S" or "P" Trap*		1	6 5	1	6 5	1	6 5	1	6 5	1	6 5	1	6 5
or Side Outlet and Lugs, Badged "New Avonia"		1	4 8	1	4 8	1	4 8	1	4 8	1	4 8	1	4 8
Real Mahogany Seat Cover, 1½"													
Flushing Cistern, 2 gallon, in Painted Cast Iron		1	6 4	1	12 4	1	4 9	17	1				
Cistern Pull, Solid China Handle, Brass Chain			9		9		9		9				
Cistern Brackets, 9" Painted Slate Colour		1	2	1	2	1	2	1	2				
Flush Pipe, 1½" x 5' 0" Galvanised Telescopic		4	1	4	1	4	1	4	1				
Flush Pipe Clips, including Rubber Buffer as shewn			5		5		5		5				

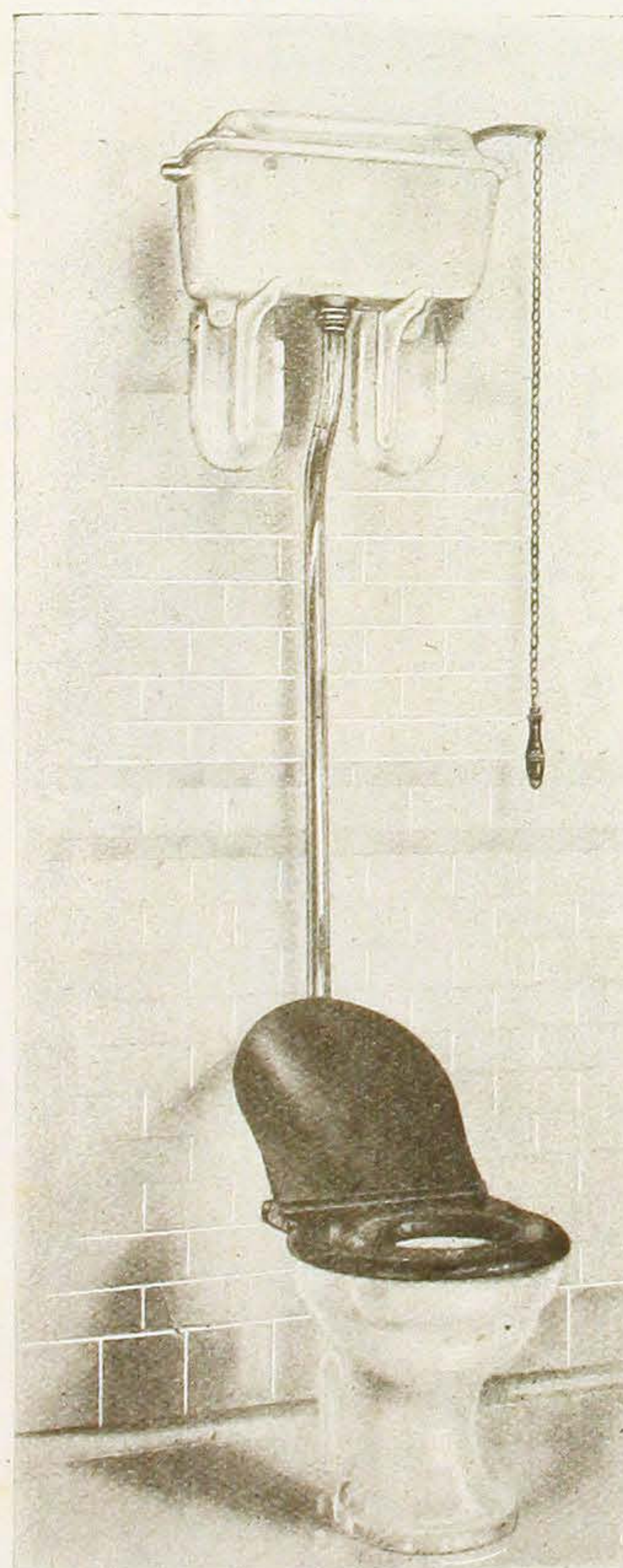
Complete Suite, Plain Painted Cistern	£4 3 10	£4 9 10	£4 2 3	£3 14 7
Extra if Cistern Porcelain Enamelled	1 7 3	1 5 6	1 1 4	1 1 3

Complete Suite, Porcelain Enamelled Cistern	£5 11 1	£5 15 4	£5 3 7	£4 15 10
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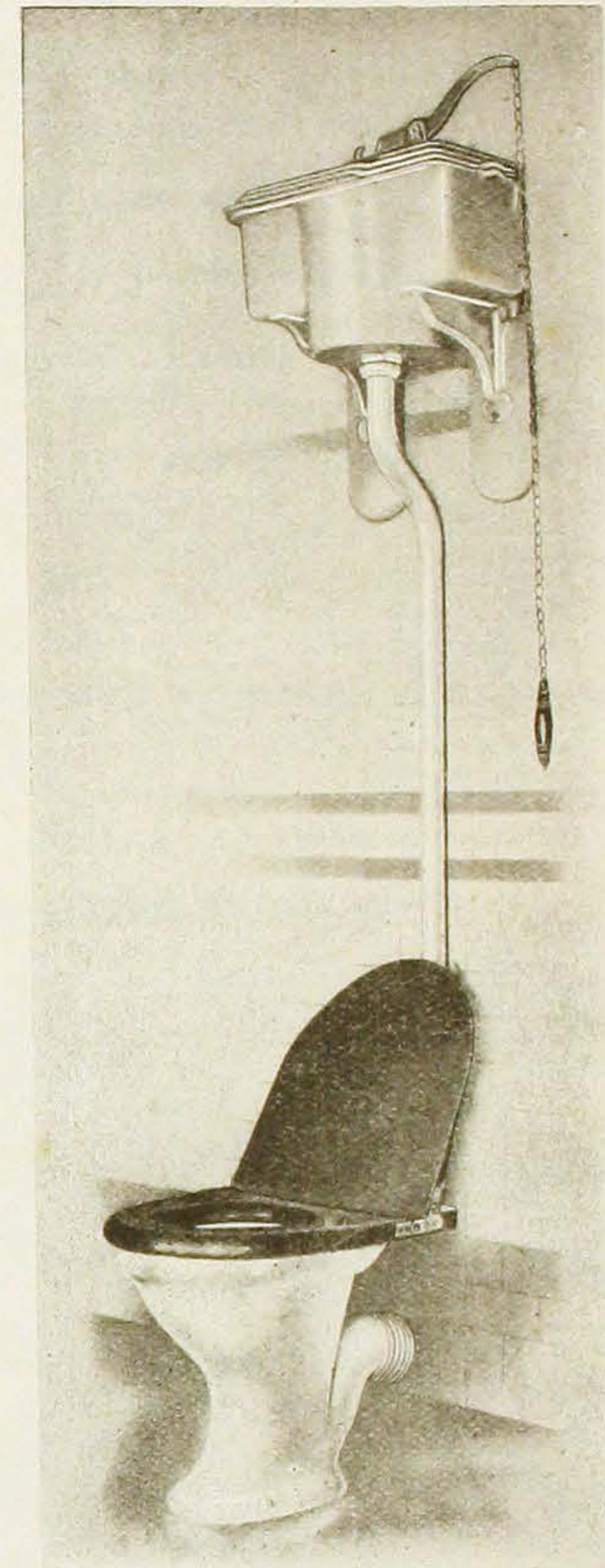
*Closet may be supplied with "S" or "P" Trap, R. H. or L. H. Vent, or Side Outlet at no extra charge.



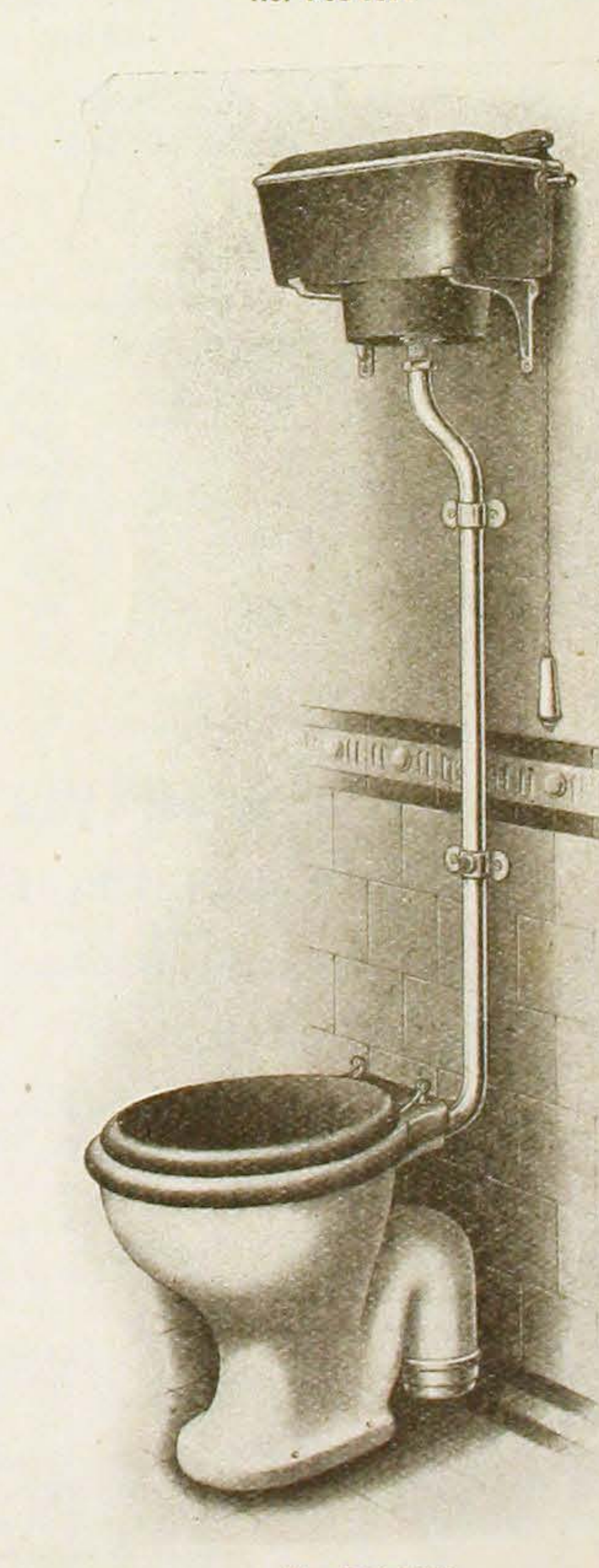
No. PSS 6854



No. PSS 6857



No. PSS 6855



No. PSS 6862

SINKS

No. PSS 6781

THE "BELFAST" SINK.

In best quality fireclay ware, with grid overflow and cover, or weir overflow. Can be supplied with teak roll, if required.

Extra for Teakwood Pad on Front Rim,
7/3 per foot or part of a foot.



24" x 16" x 8"	...	...	...	...
24" x 18" x 10"	...	...	...	...
27" x 18" x 10"	...	...	...	...
30" x 18" x 10"	...	...	...	...
33" x 18" x 10"	...	...	...	...
36" x 18" x 10"	...	...	...	...
42" x 24" x 12"	...	...	...	...
48" x 24" x 12"	...	...	...	...

White inside & out.	White inside, Buff out.	Buff inside & out.
£ s. d.	£ s. d.	£ s. d.
2 16 9	2 6 3	1 17 0
3 18 8	3 4 0	2 11 0
4 9 0	3 11 6	2 17 0
4 17 6	3 18 9	3 2 9
6 2 3	4 18 6	4 6 6
6 12 0	5 6 9	4 13 8
12 11 3	10 2 0	8 17 6
14 6 6	11 10 0	10 2 3

No. PSS 6782

THE "LONDON" SINK.

In best quality fireclay ware. Can be supplied with teak.

Extra for Teakwood Pad on Front Rim,
7/3 per foot or part of a foot.



24" x 16" x 5"	...	...	...	...
24" x 18" x 5"	...	...	...	...
27" x 18" x 5"	...	...	...	...
30" x 18" x 6"	...	...	...	...
36" x 18" x 6"	...	...	...	...
36" x 20" x 6"	...	...	...	...
36" x 22" x 6"	...	...	...	...
42" x 24" x 7"	...	...	...	...
48" x 24" x 7"	...	...	...	...

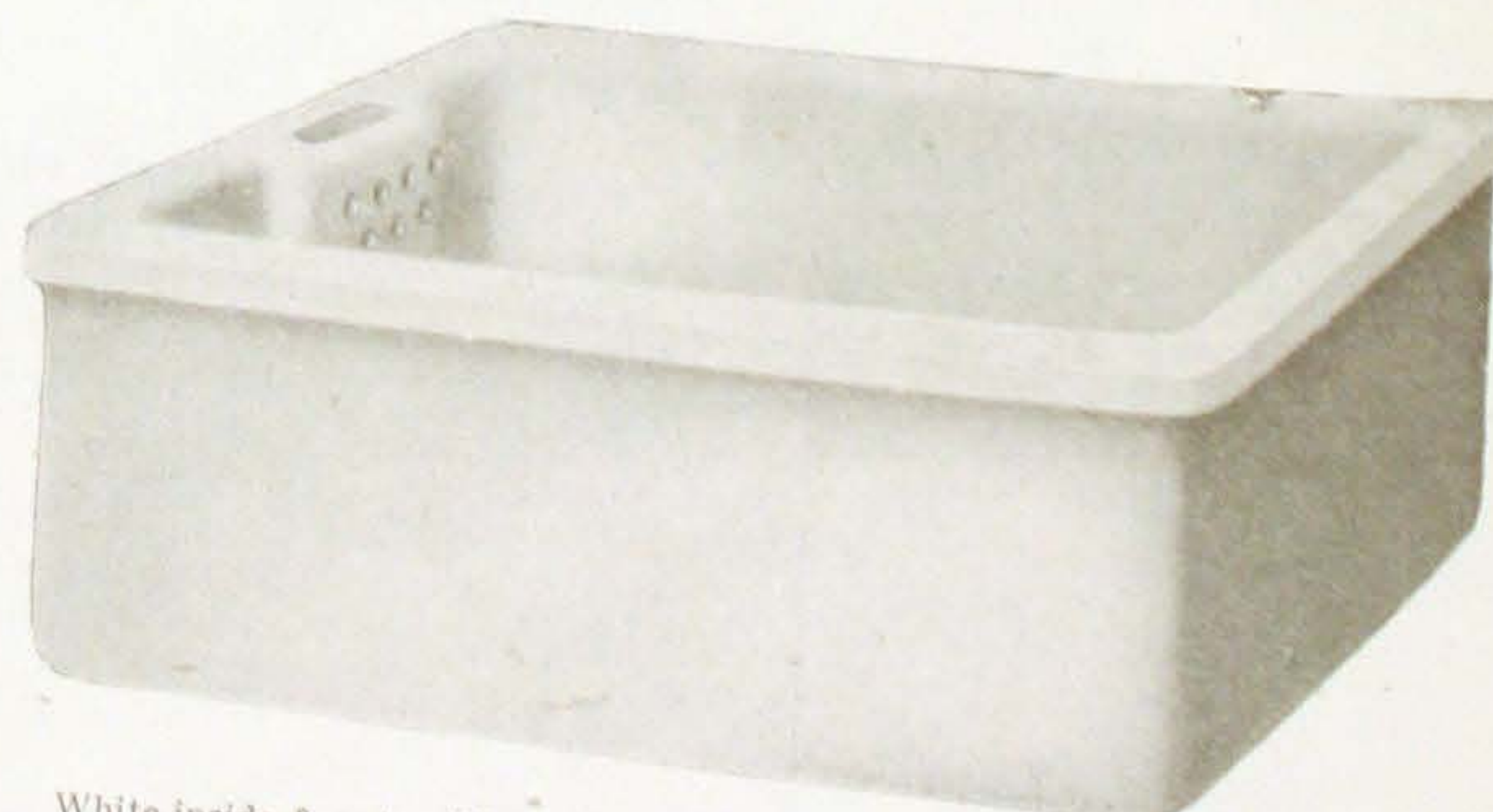
White inside & out.	White inside, Buff out.	Buff inside & out.
£ s. d.	£ s. d.	£ s. d.
1 13 3	1 7 3	1 1 3
1 18 0	1 9 9	1 3 9
2 2 6	1 14 3	1 6 3
2 17 0	2 5 3	1 15 9
3 7 6	2 13 6	2 2 6
3 15 0	3 0 6	2 7 3
4 3 0	3 6 3	2 12 3
7 0 0	5 12 0	4 18 6
8 0 6	6 8 3	5 12 0

No. PSS 6783

THE "EDINBURGH" SINK.

In best quality fireclay ware.

Extra for Teakwood Pad on Front Rim,
7/3 per foot or part of a foot.

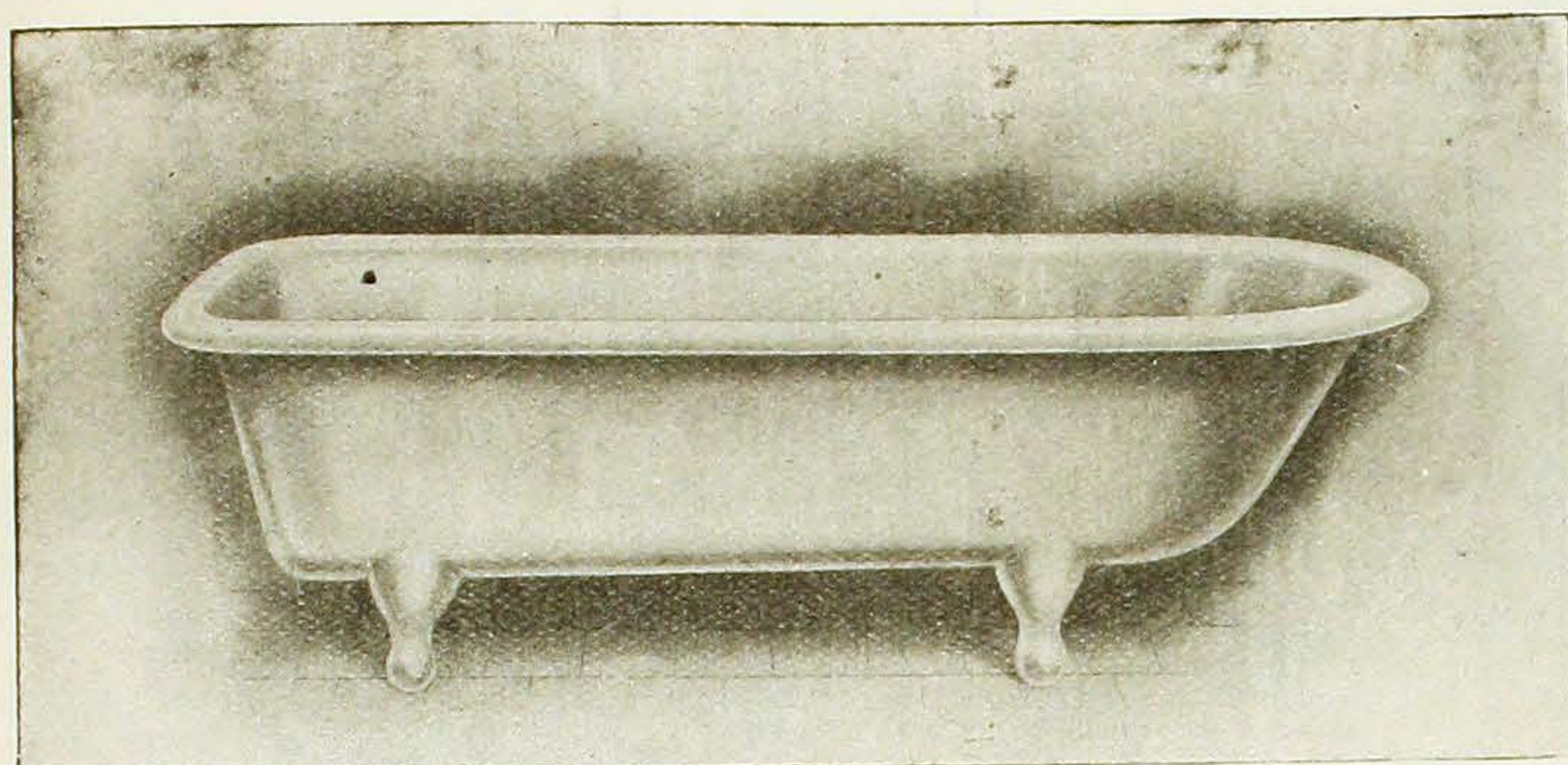


18" x 15" x 8"	...	...	...	...
21" x 15" x 8"	...	...	...	...
24" x 15" x 8"	...	...	...	...
27" x 17" x 9"	...	...	...	...
30" x 17" x 9"	...	...	...	...
30" x 17" x 10"	...	...	...	...
36" x 17" x 10"	...	...	...	...

White inside & out.	White inside, Buff out.	Buff inside & out.
£ s. d.	£ s. d.	£ s. d.
2 1 6	1 14 3	1 7 6
2 11 0	2 1 6	1 13 0
2 16 10	2 6 3	1 17 0
3 16 0	3 1 9	2 9 0
4 3 4	3 7 7	2 13 6
5 13 0	4 11 6	4 0 9
6 5 0	5 1 0	4 9 0

"B" Basis.

Baths



No. PSO 6501 Parallel Sided Shallow Pattern.

No. PSO 6501 PARALLEL SHALLOW PATTERN. Cast-iron Bath, with detachable feet. **NO FITTINGS.** Outside measurements for all sizes: Width 2' 5", depth 1' 10". Inside measurements for all sizes: width 1' 11" depth at waste, 1' 5". 3" roll in all sizes. **NO FITTINGS.**

BEST QUALITY.							
Inside length	4' 6"	5' 0"	5' 6"	4' 6"	5' 0"	5' 6"	
Outside	5' 0"	5' 6"	6' 0"	5' 0"	5' 6"	6' 0"	
White Porcelain Enamelled inside, plain painted outside	£7 12 9	£7 12 9	£7 18 10	£7 12 9	£7 12 9	£7 18 10	
Greenstone Enamelled inside, plain painted outside	7 9 9	7 9 9	7 16 3	7 9 9	7 9 9	7 16 3	

RUN OF MUFFLE QUALITY INCLUDING SECONDS.							
White Porcelain Enamelled inside, plain painted outside	£6 2 9	£6 2 9	£6 8 3	£6 2 9	£6 2 9	£6 8 3	
Greenstone Enamelled inside, plain painted outside	6 0 0	6 0 0	6 5 6	6 0 0	6 0 0	6 5 6	

For Baths complete with Fittings* add to the above:							
FITTINGS.				Brass.	N.P.		
1-pair No. PSS 4231 Easyclean Globe Bath Taps, size 1"	17/6	19/6	pair.				
1-No. PSS 4287 Trapped Bath Plug and Waste	6/7	7/-	each.				
1-No. PSS 4293 Overflow, size 1 1/2"	1/9	2/2					
Chain with "S" Hook to fit above	5d.	7d.					
	26/3	29/3					

If pair of No. PSS 4225 Easyclean Pillar Taps, size 1" supplied in lieu of Globe Taps they cost; Brass, 21/6 pair; N.P., 23/10 pair or 4/- 4/4 extra

£1 10 3 £1 13 7

*Fittings priced above will be found illustrated under their respective numbers.

BATHS DRILLED FOR TAPS ON ROLL OR END.

For less expensive Baths, see page following.

No. PSO 6717 PARALLEL FLAT RIM. Cast-iron Bath with detachable feet. With holes through roll. **NO FITTINGS.** Sizes as follows:

Inside Sizes.			Outside sizes.			Roll.
Length.	Width.	Depth at Waste.	Length.	Width.	Depth.	
5' 6"	2' 0"	1' 7"	6' 1"	2' 7"	2' 0"	3 1/2"
6' 0"	2' 0"	1' 7"	6' 8"	2' 7"	2' 0"	4"
5' 6" inside, White Porcelain Enamelled inside, plain painted outside						£10 18 3
6' 0" Ditto. ditto.						£12 0 0
5' 6" inside, Greenstone Enamelled inside, plain painted outside						£10 9 3
6' 0" Ditto. ditto.						£11 10 6

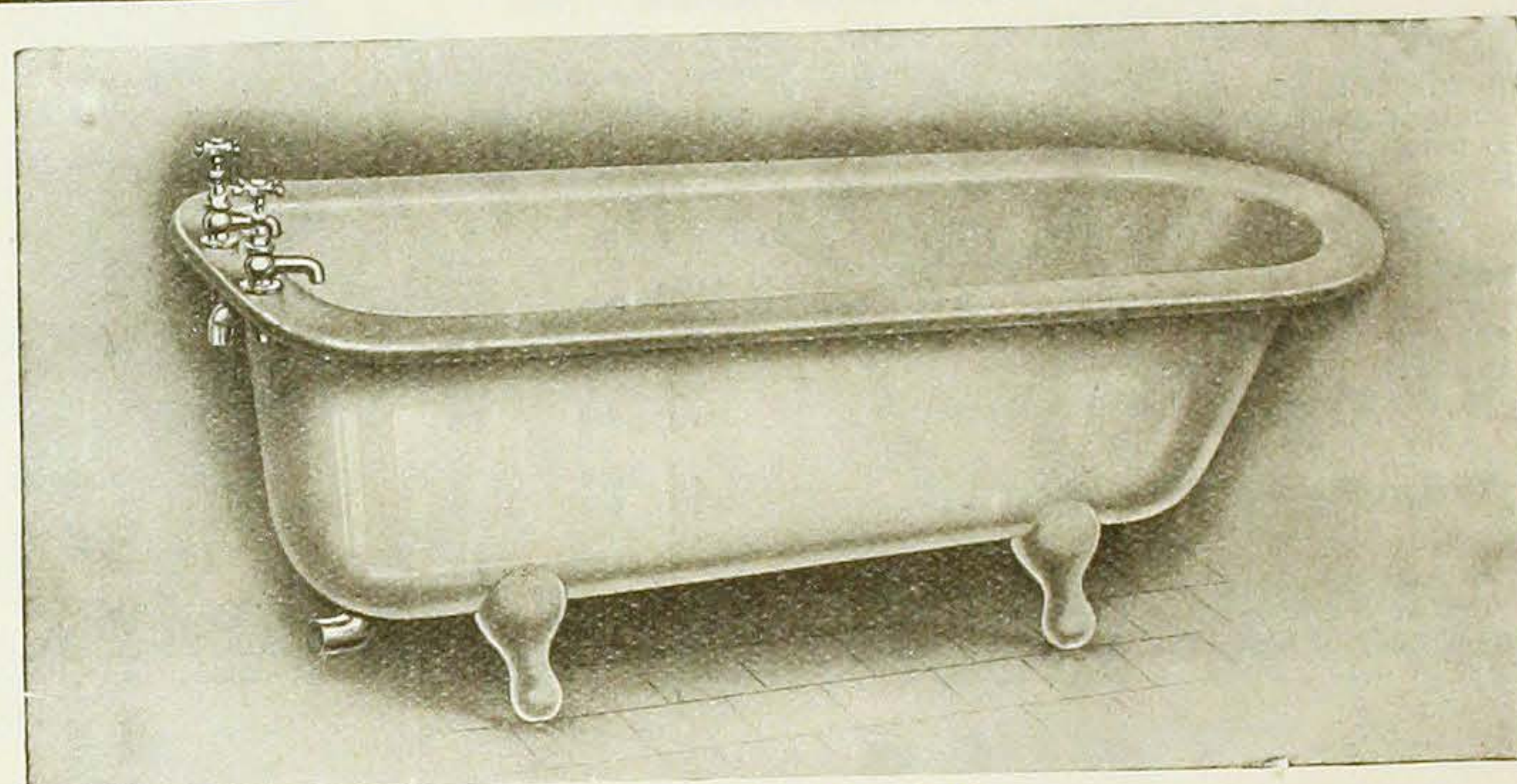
For Baths complete with Fittings* add to the above:				Brass.	N.P.
1-pair No. PSS 4225 Easyclean Pillar Taps, size 1"	21/6	23/10	pair		
1-No. PSS 4287 Trapped Bath Plug and Waste	6/7	7/-	each.		
1-No. PSS 4293 Overflow, size 1 1/2"	1/9	2/2			
Chain with "S" Hook to fit above	5d.	7d.			

If pair of No. PSS 4231 Easyclean Globe Taps supplied in lieu of Pillar Taps they cost; Brass, 17/6 pair; N.P., 19/6 per pair, or 4/- 4/4 less.

£1/6/3 £1/9/3

*Fittings priced above will be found illustrated under their respective numbers.

BATHS DRILLED FOR TAPS ON ROLL OR END.



No. PSO 6717 Parallel Sided Flat Rim.

GEYSERS

The "Treasure" Geyser. No. PSS 6601.



No. PSS 6601
(Chamber Heating).

Hot Water instantly, day or night.
Water suitable for drinking and culinary use.
Interlocking Taps prevent Gas being on when water tap is turned off.
Can also be supplied with Safety Gas Valve.
With extra outlet and plug for changing "hand."
On Feet or Bracket as required.
Strong Copper throughout, including Condensation Trough.

No. PSS 6601	Heats per minute (40°)*	Height overall.	Diameter of Base.	Flue Opening.	With Interlocking Taps.	With Gas Tap and Pilot only.	With Safety Gas Valve.
Size.					£ s. d.	£ s. d.	£ s. d.
92	2 1/2 galls.	31 1/2"	13 1/2"	4"	6 14 4	5 13 9	8 13 6
93	3 1/2 "	32 1/2"	15 1/2"	4 1/2"	9 9 9	10 9	11 7 6
94	4 "	39"	15 1/2"	5"	14 1 9	13 0 0	16 5 3

*Flowing at these rates the temperature is raised 40°—e.g., from 60° to 100°
Higher temperatures, up to boiling, are obtained by reducing the flow.

ASK FOR SPECIAL LIST OF GEYSERS.

Ewart's "Victor" Geyser. No. PSS 6602.

Indication Nos. 1 to 3 Heat, 2 1/2 gallons per minute. Indication Nos. 24 to 26 Heat 4 gallons, per minute.

No. PSS 6602 With Porcelain Enamelled		Plain Pattern Reversible to suit any position	Indication No.	With Interlocking Gas and Water Taps Reversible to suit any position	Indication No.	With Automatic Valve AV or BV
		£ s. d.		£ s. d.		£ s. d.
Wall Bracket	No. 1	6 7 0	1LG	7 9 0	1AV	9 15 3
Feet	No. 2	6 7 0	2LG	7 9 0	2AV	9 15 3
Floor Stand	No. 3	7 4 3	3LG	8 6 3	3AV	10 12 6
Wall Bracket	No. 24	14 3 0	24LG	15 2 6	24AV	17 11 0
Feet	No. 25	14 3 0	25LG	15 2 6	25AV	17 11 0
Floor Stand	No. 26	15 2 6	26LG	16 2 0	26AV	18 10 9

LG—With Interlocking Gas and Water Taps. AV—Pattern requires 5 lbs. water pressure.
BV—Pattern does not require pressure.

NOTE.—To ensure absolute safety, care should be taken that all Geysers fitted in a bath room must have a flue pipe to carry off the fumes outside the room.

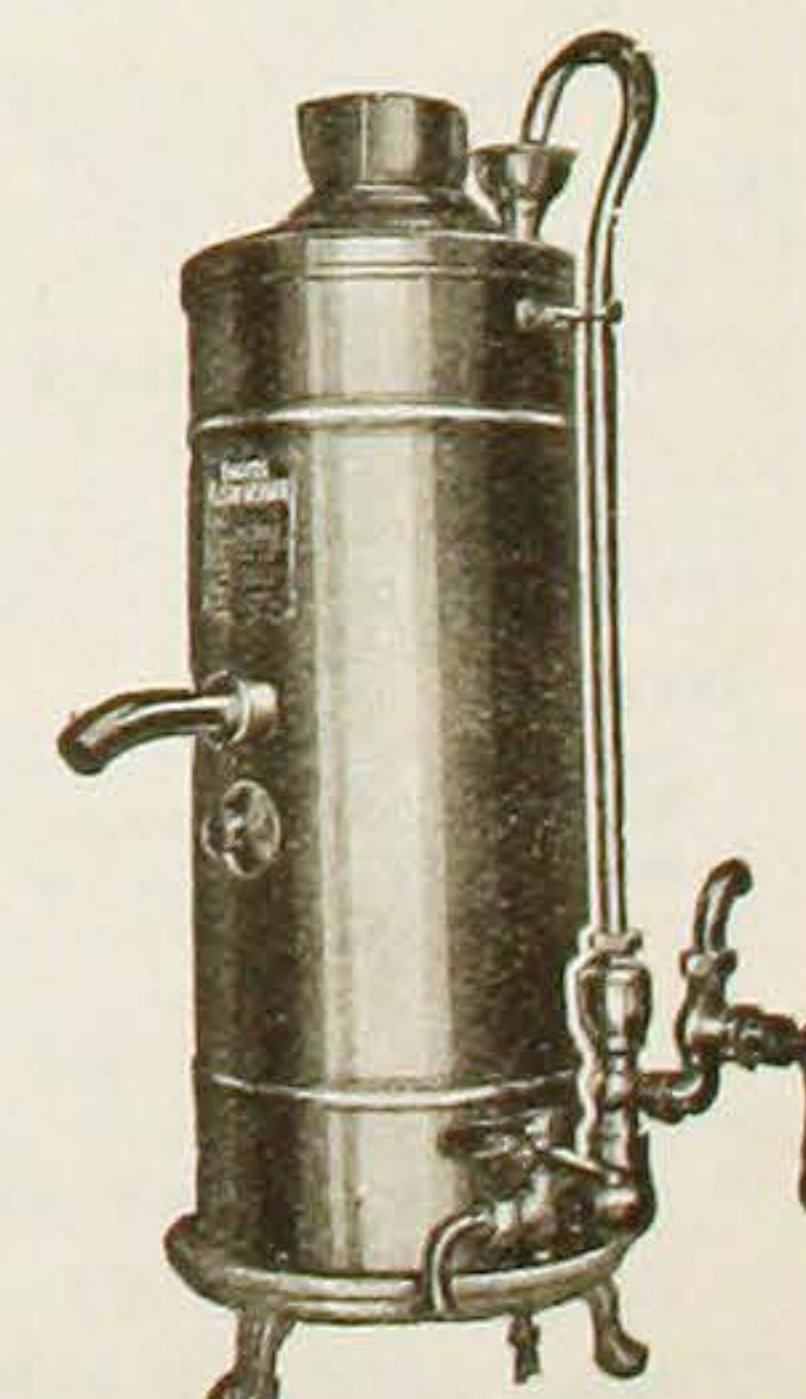
Patented. Registered.
"Sealed" System. Low Price.
Utility. Efficiency. Economy.

Ewart's "Victor" Geyser is designed to meet the demand for a cheap, reliable Geyser, and while it does not possess the advantages of higher priced Geysers, may be confidently recommended where first cost is of consideration.

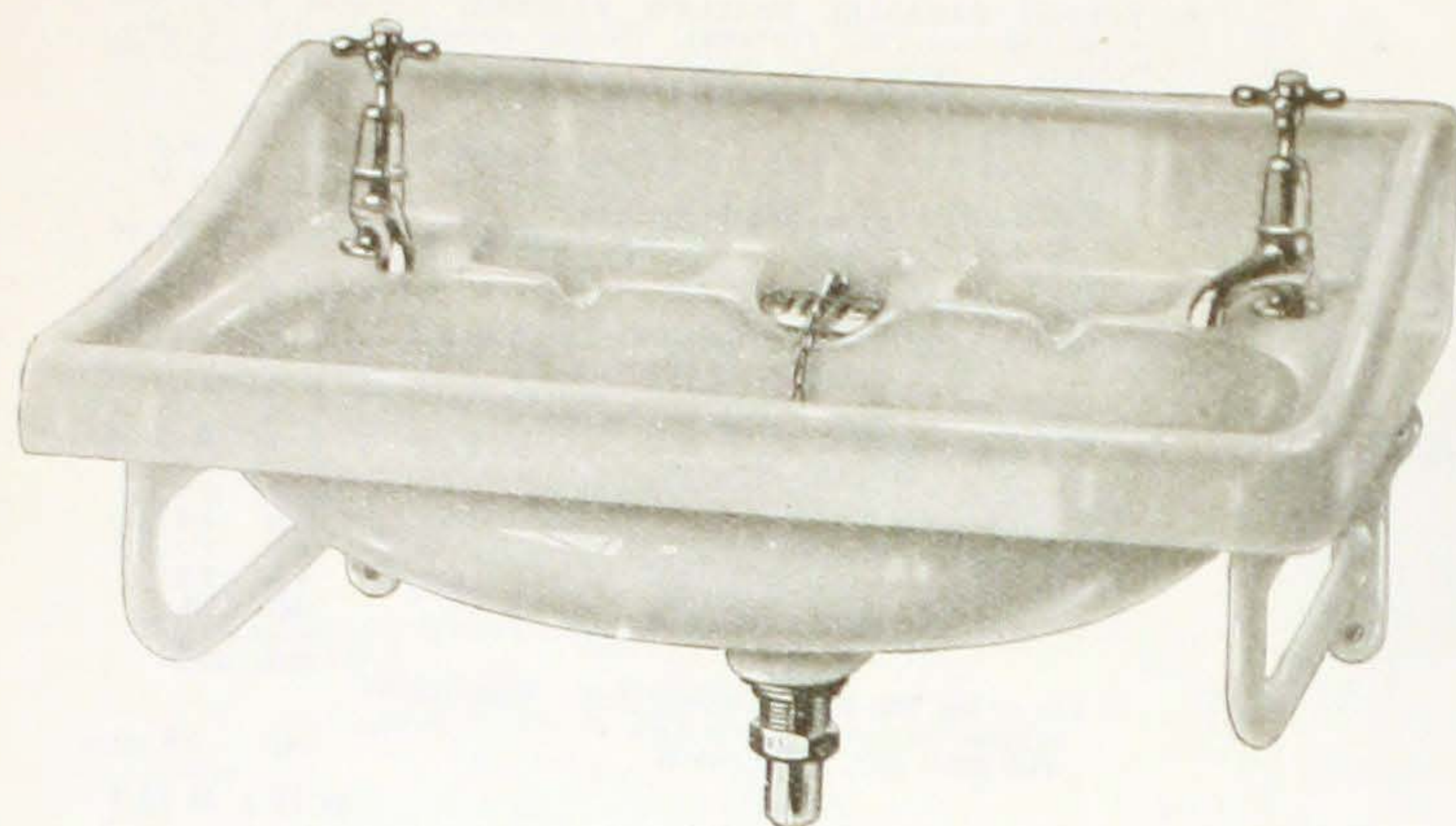
Plain.—With Safety Gas Tap only.
Interlocking.—With Patent Interlocking Gas and Water Taps which allow the gas to be turned on only after the water tap has been opened.

Automatic.—With Automatic Gas Control Valve, which cuts down the gas supply if the water supply ceases to flow.

Reversible to suit any position.
Nos. 1 to 3 Heat 2 1/2 gallons per minute.
Nos. 24 to 26 Heat 4 gallons per minute.
Made of Copper throughout (except the Burner).



"B" Basis.



No. PSS 3071 THE "AILSA"

Lavatories

No. PSS 3071 The "AILSA" LAVATORY in white glazed earthenware with "D" type overflow (see small illustration).
Overall measurement .. 22" x 16" 25" x 18" 27" x 19"
Without Fittings but including "D" type overflow .. £1 19 8 £3 2 9 £3 9 6
For Lavatory complete with Fittings* add to the above.

FITTINGS.		Brass.	Nickel Plated.
1-Pair No. PSS 4225 Easyclean Taps, Size 1"	..	13/-	14/8
1-No. PSS 4291 Waste with Rubber Plug, Size 1 1/2"	..	3/5	3/10
1-No. PSS 1501 Chain and Stay ..	..	-7	-9
Overflow Grating ..	..	3/6	3/9
1-Pair No. PSS 6774 Slate Coloured Iron Brackets ..	..	2/6	2/6
White Porcelain Enamelled Brackets 9/3 pair or ..		23/-	25/6
		6/9	6/9 extra.
		29/9	32/3

*NOTE.—Fittings priced above will be found illustrated under their respective numbers, but should it be desired to have Taps, etc., exactly as illustrated with White Porcelain Enamelled C.I. Brackets. Price of Lavatory complete with Fittings, Nickel Plated on Brass would be 22" x 16" £4 16 9; 25" x 18" £6 0 0; 27" x 19" £6 6 6

THE "SARUN" LAVATORY BASIN. Special Registered Pattern.

No. PSS 6750 RECTANGULAR LAVATORY BASIN, semi-porcelain earthenware. Skirting at back, and short side arms, plain soaps in centre draining into combined overflow. Fittings: Nickel plated on brass, comprising two 1/2" screw-down taps, 1" plug, with india rubber stopper, chain and stay.
Overall measurement .. 22" x 16" 25" x 18" 27" x 19"
Without Fittings .. £1 9 9 £2 17 3 £3 3 9
For Lavatory complete with Fittings* add to the above.

FITTINGS.		Brass.	Nickel Plated.
1-Pair No. PSS 4225 Easyclean Taps, Size 1"	..	13/-	14/8
1-No. PSS 4291 Waste with Rubber Plug, size 1 1/2"	..	3/5	3/10
1-No. PSS 1501 Chain and Stay ..	..	-7	-9
1-Pair No. PSS 6774 Slate Colour Iron Brackets ..	..	2/6	2/6

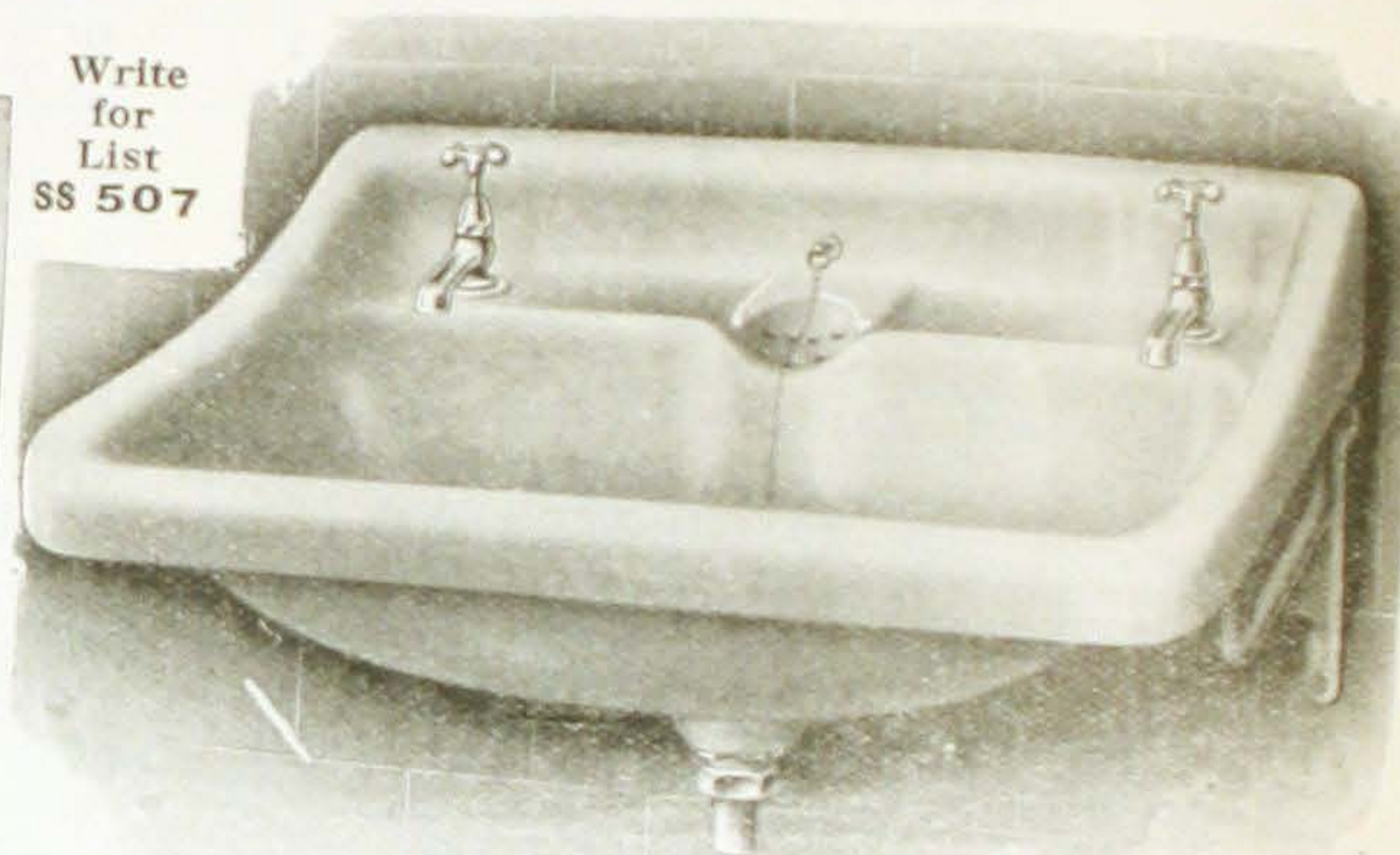
White Porcelain Enamelled Brackets, 9/3 pair or extra .. 19/6 21/9
6/9 6/9

*NOTE.—Fittings priced above will be found illustrated under their respective numbers but should it be desired to have Taps, etc., exactly as illustrated, Nickel Plated Finish with Porcelain Enamelled Brackets, price would be 22" x 16" £3 1 1; 25" x 18" £4 8 7; 27" x 19" £4 15 1 complete.



"D" Type Weir Overflow led into waste.

Write for List SS 507



No. PSS 6750 THE "SARUN"

Baths

No. PSS 6863 PARALLEL Cast Iron Bath, 3" roll, outside width in all sizes, 2' 6"; inside width in all sizes, 1' 7"; depth at waste, 1' 7"; outside depth 2' 0"

BEST QUALITY		4' 6"	5' 0"	5' 6"
Inside length ..	..	4' 6"	5' 0"	5' 6"
Outside Length ..	..	5' 0"	5' 6"	6' 0"
White Porcelain Enamelled inside, plain Painted outside ..	..	£9 19 9	£10 2 9	£10 8 9
Greenstone Enamelled inside, plain Painted outside ..	..	9 10 6	9 13 3	9 19 3

RUN OF MUFFLE QUALITY. As above inside sizes in 5' 0" and 5' 6" only, 3" roll. White Porcelain Enamelled inside, plain Painted outside, respectively £5 6 3 £6 0 0
For Baths complete with Fittings* add to the above.

FITTINGS.		Brass.	Nickel Plated.
1-Pair No. PSS 4231 Easyclean Globe Bath Taps, size 1"	..	17/6	19/6 pair
1-No. PSS 4287 Trapped Bath Plug and Waste ..	..	6/7	7/- each
1-No. PSS 4293 Overflow ..	..	1/8	2/2 "
Chain with S hook to fit last mentioned ..	..	-5	-7 "
If pair of No. PSS 4225 Easyclean Pillar Taps, size 1"		26/3	29/3
Supplied in lieu of Globe Taps, they cost, Brass, 21/6 pair.			
Nickel Plated, 23/10 pair, or ..		4/-	4/4 ex.
		30/3	33/7

*Fittings priced above will be found illustrated under their respective numbers.

BATHS DRILLED FOR TAPS ON ROLL OR END.

No. PSS 6500 TAPER Cast Iron Bath, 2 1/2" roll. No Fittings. BEST QUALITY.

		5' 0"	5' 6"
Inside length ..	..	5' 0"	5' 6"
Outside length ..	..	5' 5 1/2"	5' 11 1/2"
Inside width ..	..	Foot, Head	Foot, Head
Outside width ..	..	1' 5" 2' 0"	1' 9" 2' 1"
Outside width ..	..	1' 10" 2' 2"	2' 2" 2' 6"
White Porcelain Enamelled inside, plain painted outside ..	..	£9 18 3	£10 10 6
Greenstone Enamelled inside, plain painted outside ..	..	£9 8 9	£10 1 0

RUN OF MUFFLE QUALITY.

Inside measurements 5' 0" long x 1' 10" wide at foot x 2' 2 1/2" at Head; Outside measurements 5' 4" long x 2' 2" at foot x 2' 6 1/2" at Head, 2" Roll. White Porcelain Enamelled inside, plain painted outside, £5 2 0
For Bath complete with Fittings* add to the above;

FITTINGS.		Brass.	Nickel Plated.
1-pair No. PSS 4231 Easyclean Globe Bath Taps, size 1"	..	17/6	19/6
1-No. PSS 4287 Trapped Bath Plug and Waste ..	..	6/7	7/-
1-No. PSS 4293 Overflow ..	..	1/9	2/2
Chain with S hook to fit last mentioned ..	..	-5	-7
		26/3	29/3

If pair of No. PSS 4225 size 1" Easyclean pillar Taps supplied in lieu of Globe Taps they cost Brass, 21/6 pair; N.P., 23/10 pair or .. 4/- 4/4 ex.

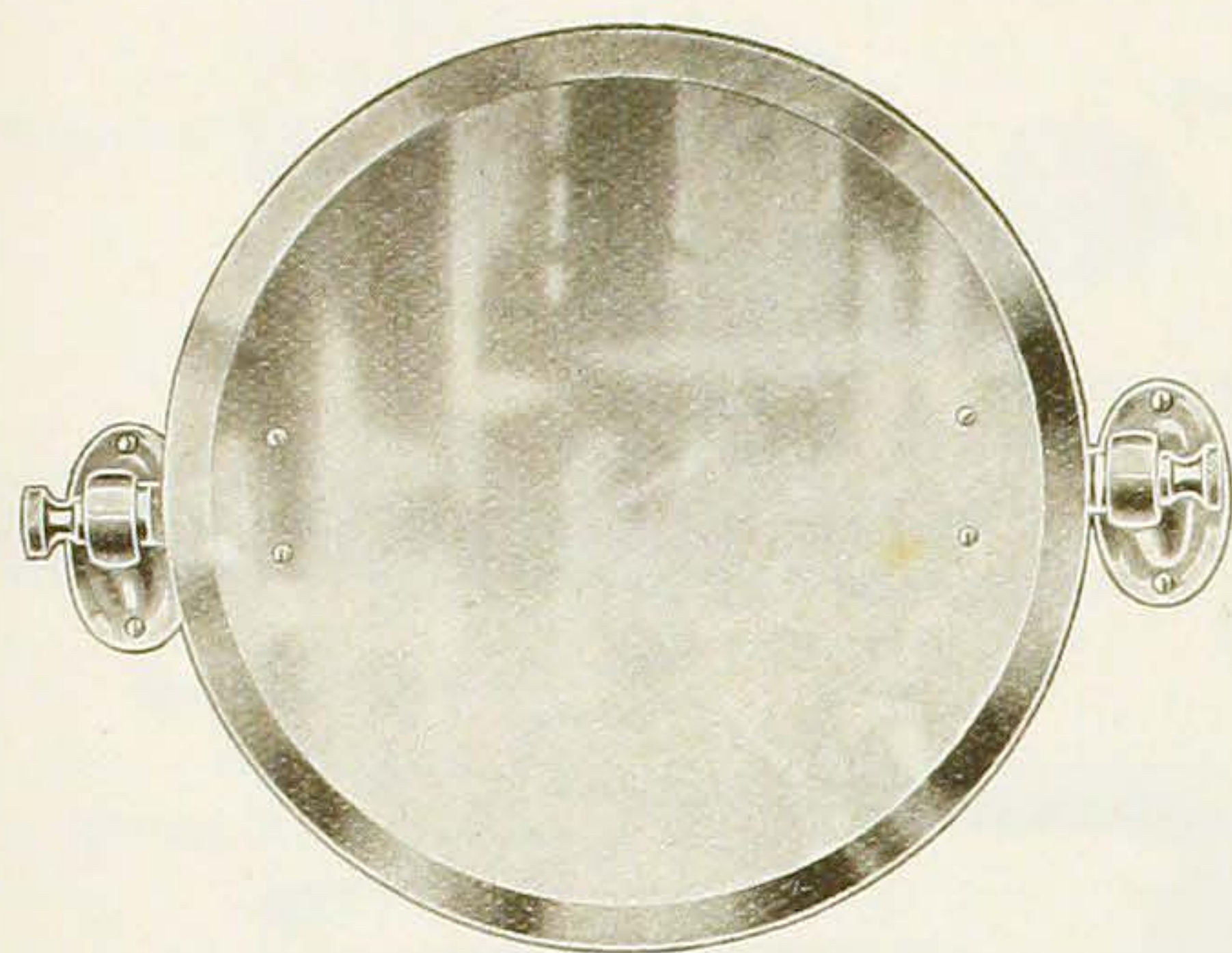
*Fittings priced above will be found illustrated under their respective numbers.

"B" Basis.



No. PSS 6500—TAPER BATH.

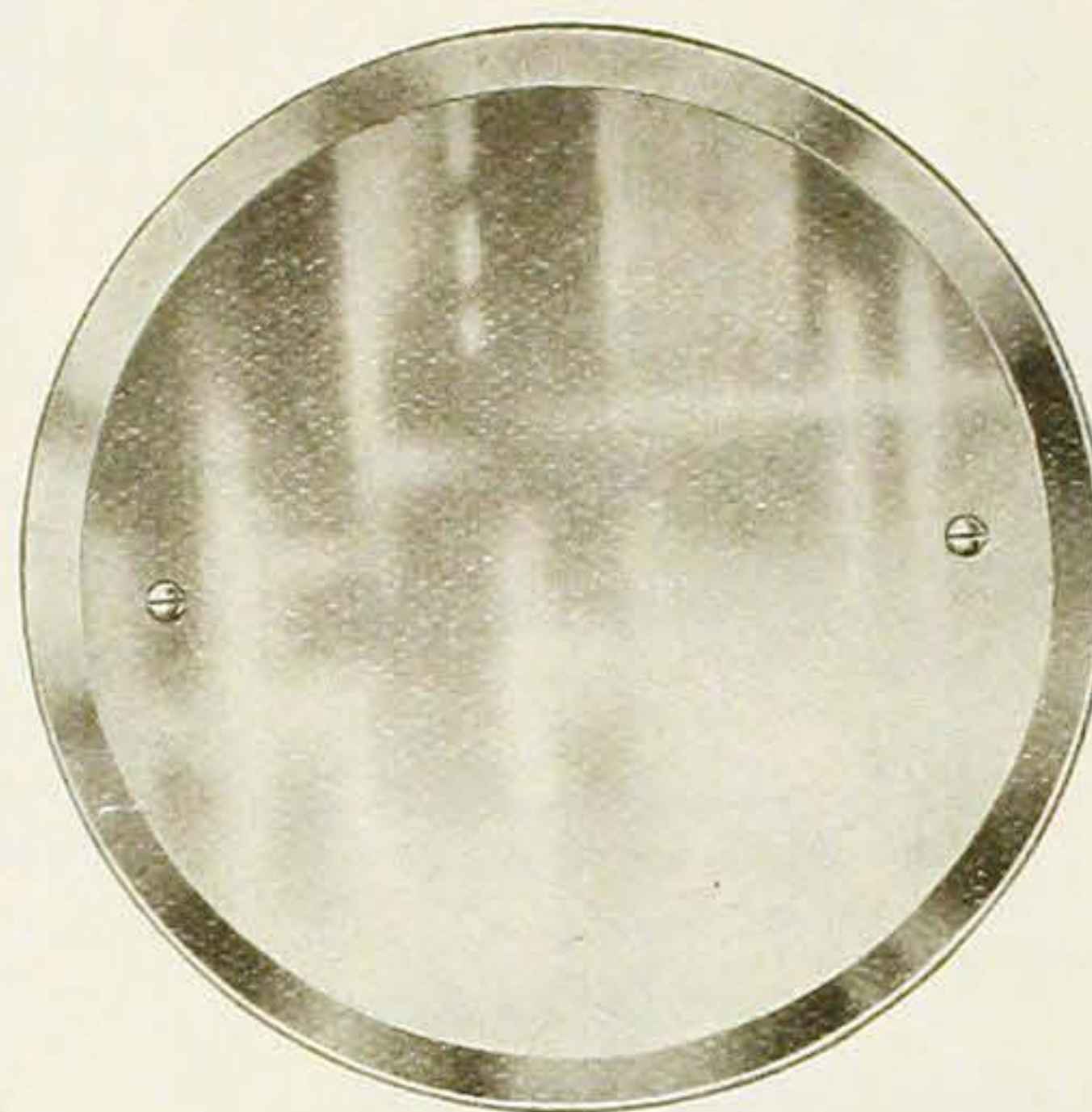
Best Quality Frameless Mirrors



No. PSS 6880
Adjustable.

	Round.		Oval.
	Nickel Plated.		Nickel Plated.
10" dia.	19/8 each.	16" x 10"	24/2 each.
12" "	23/- "	18" x 12"	29/3 "
14" "	27/3 "	21" x 14"	41/10 "
16" "	35/8 "	24" x 16"	49/6 "
18" "	44/2 "		

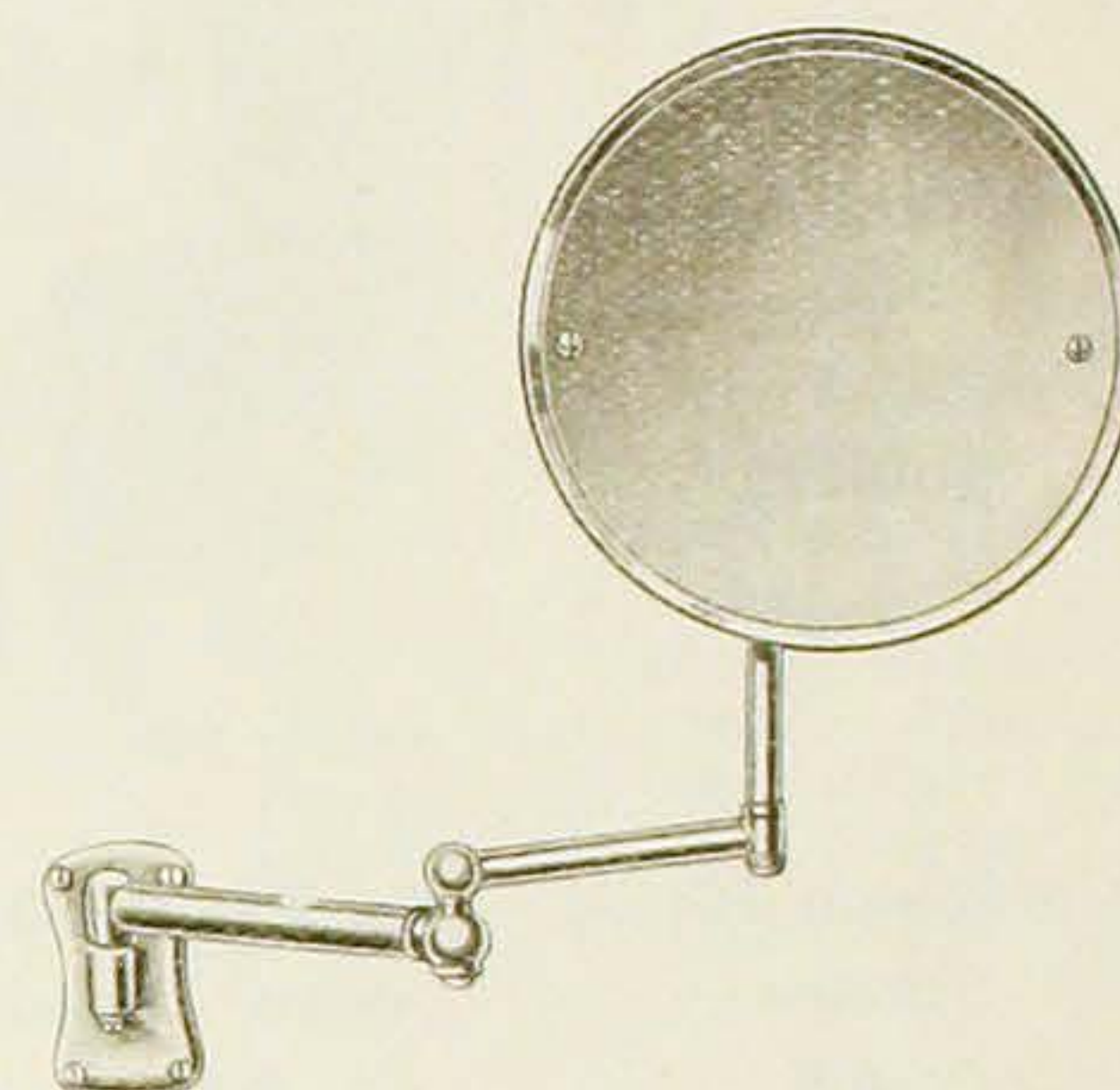
If supplied White Enamel Finish add 6d.



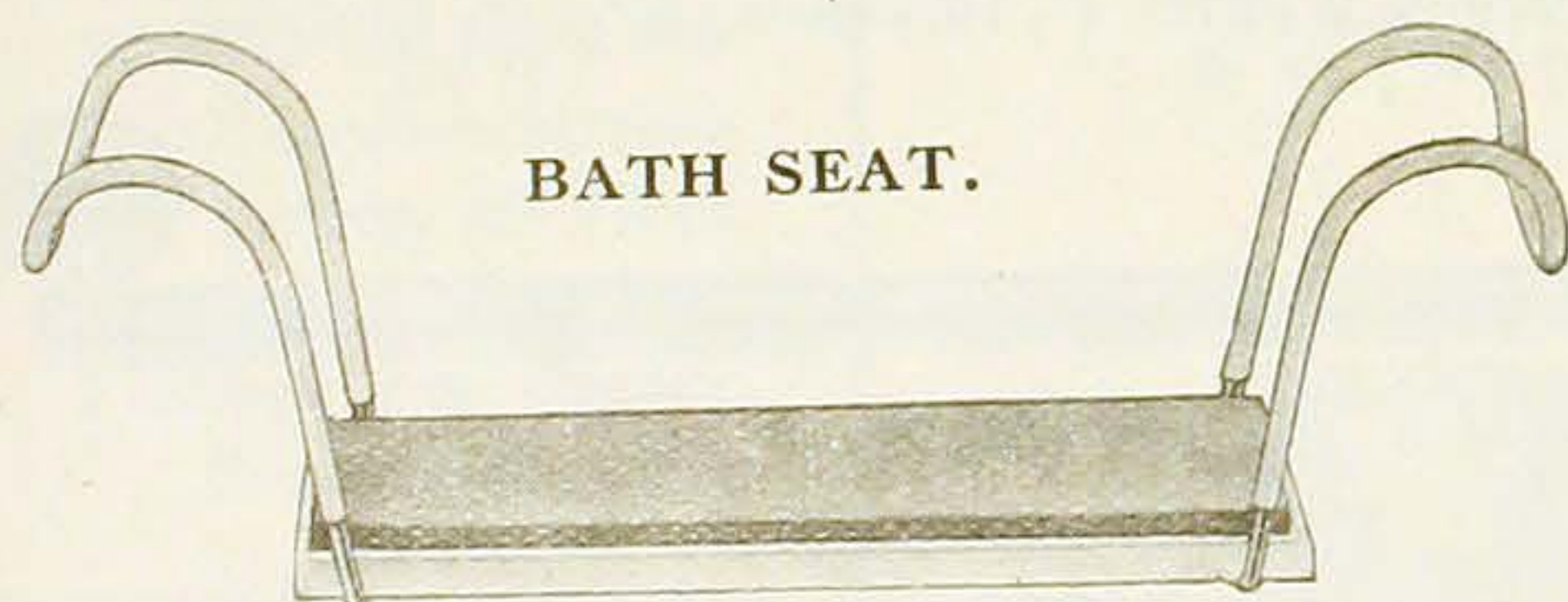
No. PSS 6881
Supplied only Nickel Plated.
Fixed. To Screw to Wall.

	Round.		Oval.
10" dia.	10/9 each.	16" x 10"	15/- each.
12" "	14/- "	18" x 12"	20/- "
14" "	18/6 "	21" x 14"	29/3 "
16" "	24/2 "	24" x 16"	36/- "
18" "	32/2 "		

If Rectangular, **No. PSS 6882**
16" x 10" 16/2 18" x 12" 21/- each.
21" x 14" 30/2 24" x 16" 38/3 "

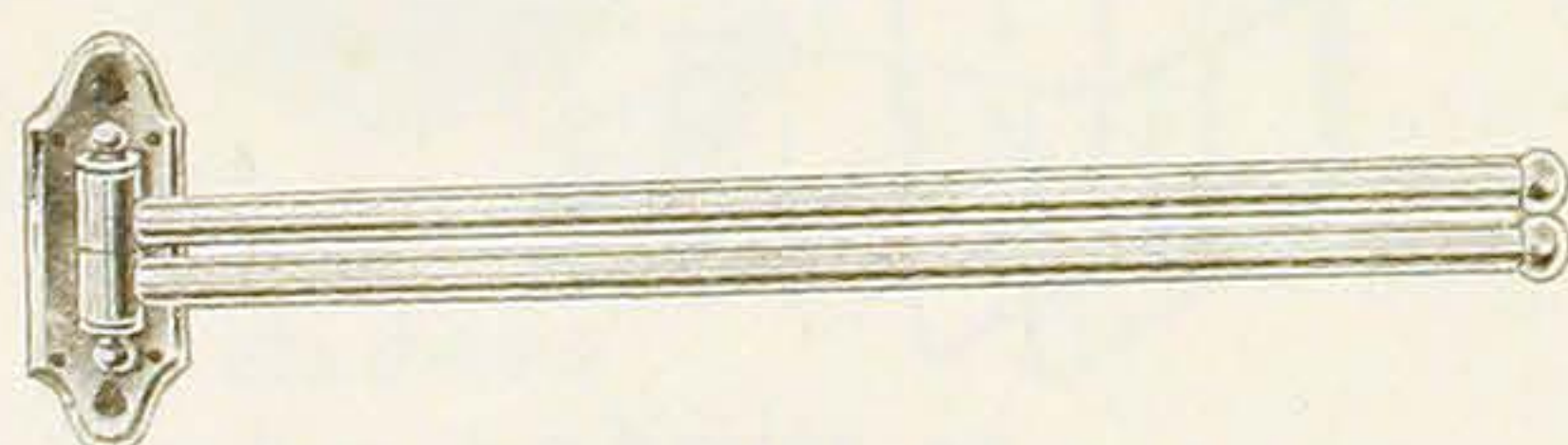


No. PSS 6883
Adjustable Shaving Mirror.
7" diam. ... 15/9 each.



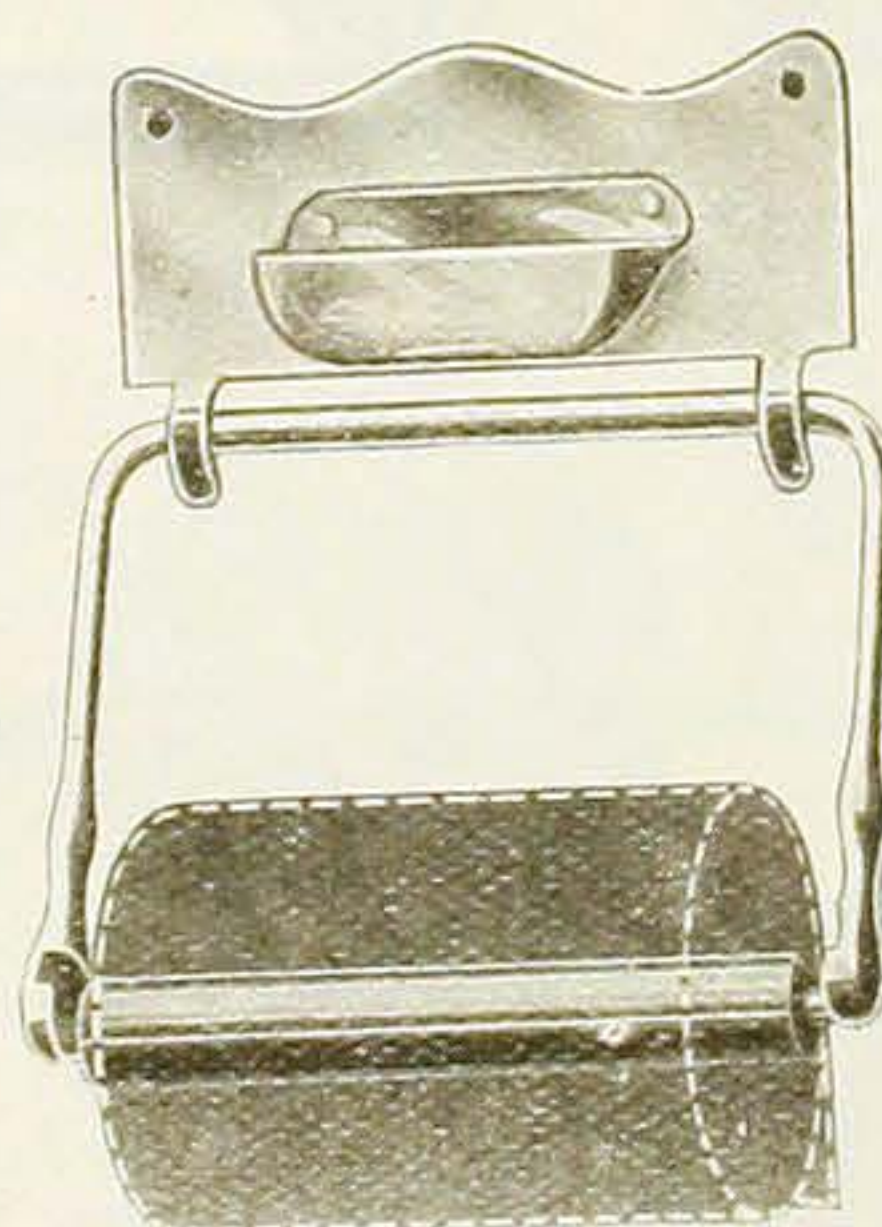
No. PSS 6884 Cork Faced.
White Varnish Painted, cheap quality ... 9/6 each.
Best Quality White Celluloid Enamelled ... 17/3 "

SWING TOWEL RAIL.

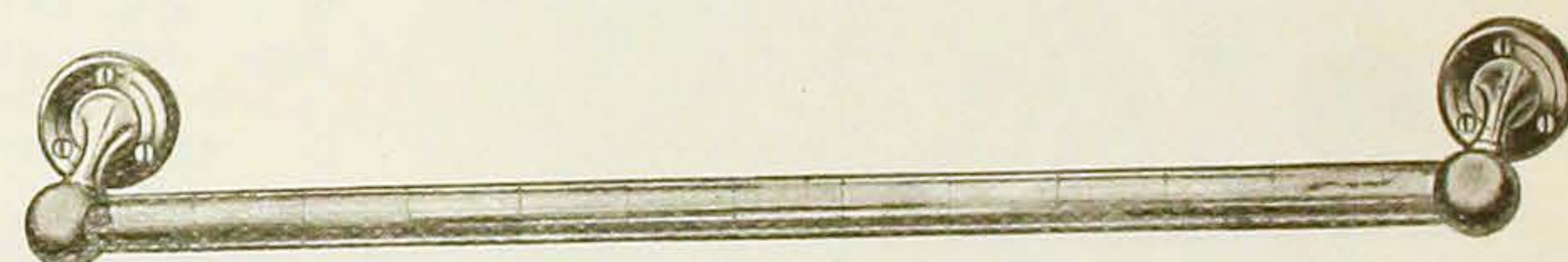


No. PSS 6886
Projection 16". Rods 7/16" diameter.
Single. Double. Treble.
Nickel Plated 4/10 6/10 8/8 each.
If supplied White Enamel Finish add 3d.

TOILET HOLDER.



With Tip-up Ash Tray.
No. PSS 6885
Nickel Plated ... 7/3 each.
White Enamelled 7/9 "



No. PSS 6780
Clear Glass Towel Rail and Brackets.

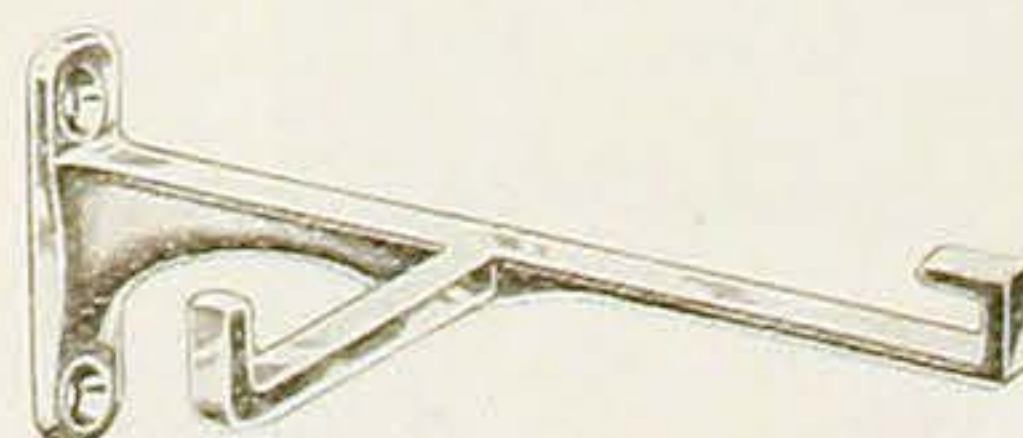
	18"	24"	30"	36"
3/4" diam.	7/2	7/9	8/6	8/10 each.
1" diam.	8/9	9/9	10/9	12/- each.

White Opal Glass Towel Rail and Brackets.

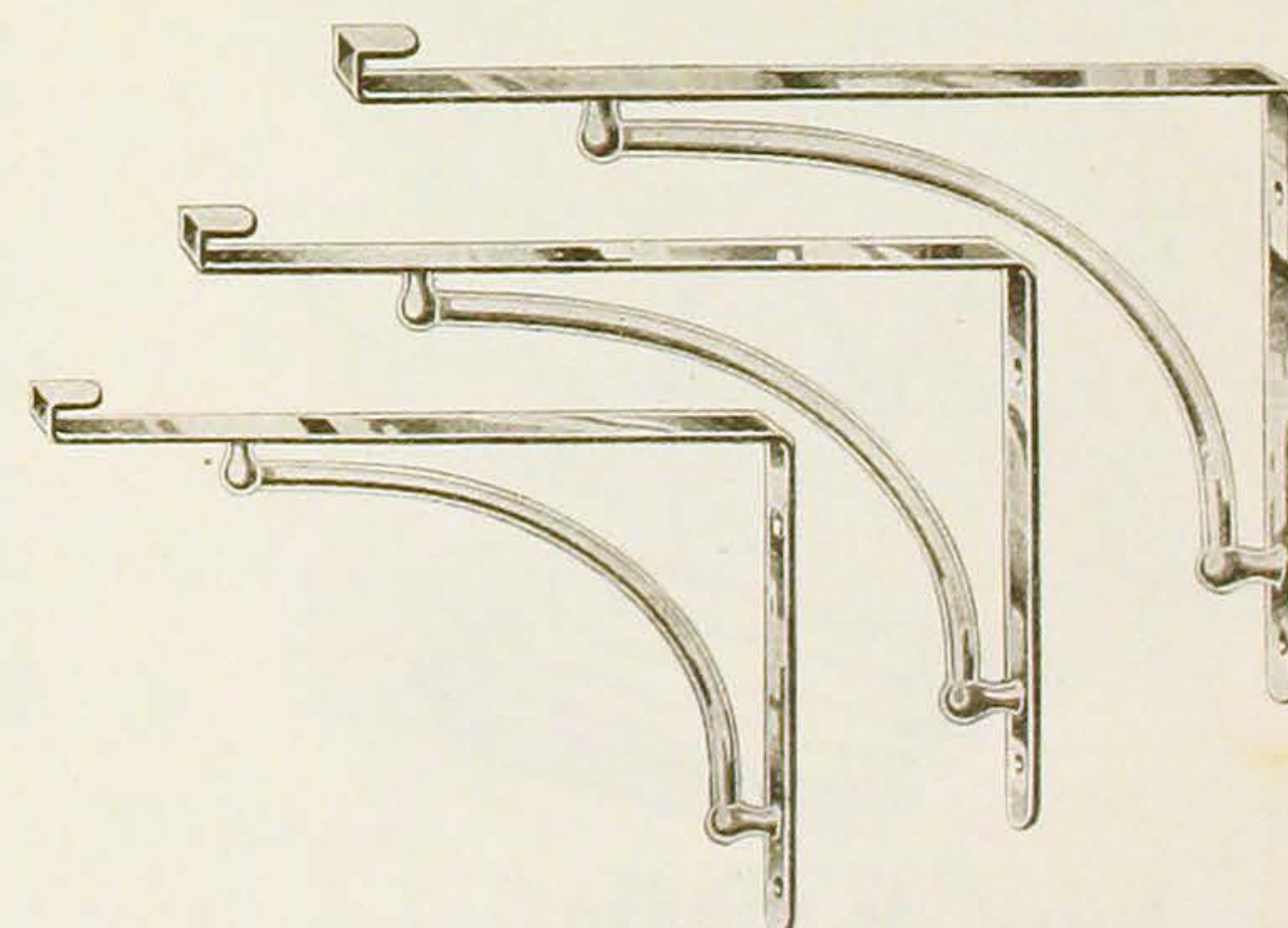
	18"	24"	30"	36"
3/4" diam.	8/6	9/3	10/3	11/3 each.
1" diam.	11/-	12/6	14/3	16/- each.

The above prices are for Nickel Plated Brackets.
If supplied with White Enamelled Brackets add 3d.

Shelf Brackets



No. PSS 6889
For 1/4" or 3/8" Shelves.
5", 5/3 pair.
Nickel Plated. For White en-
amelled Finish add 6d.

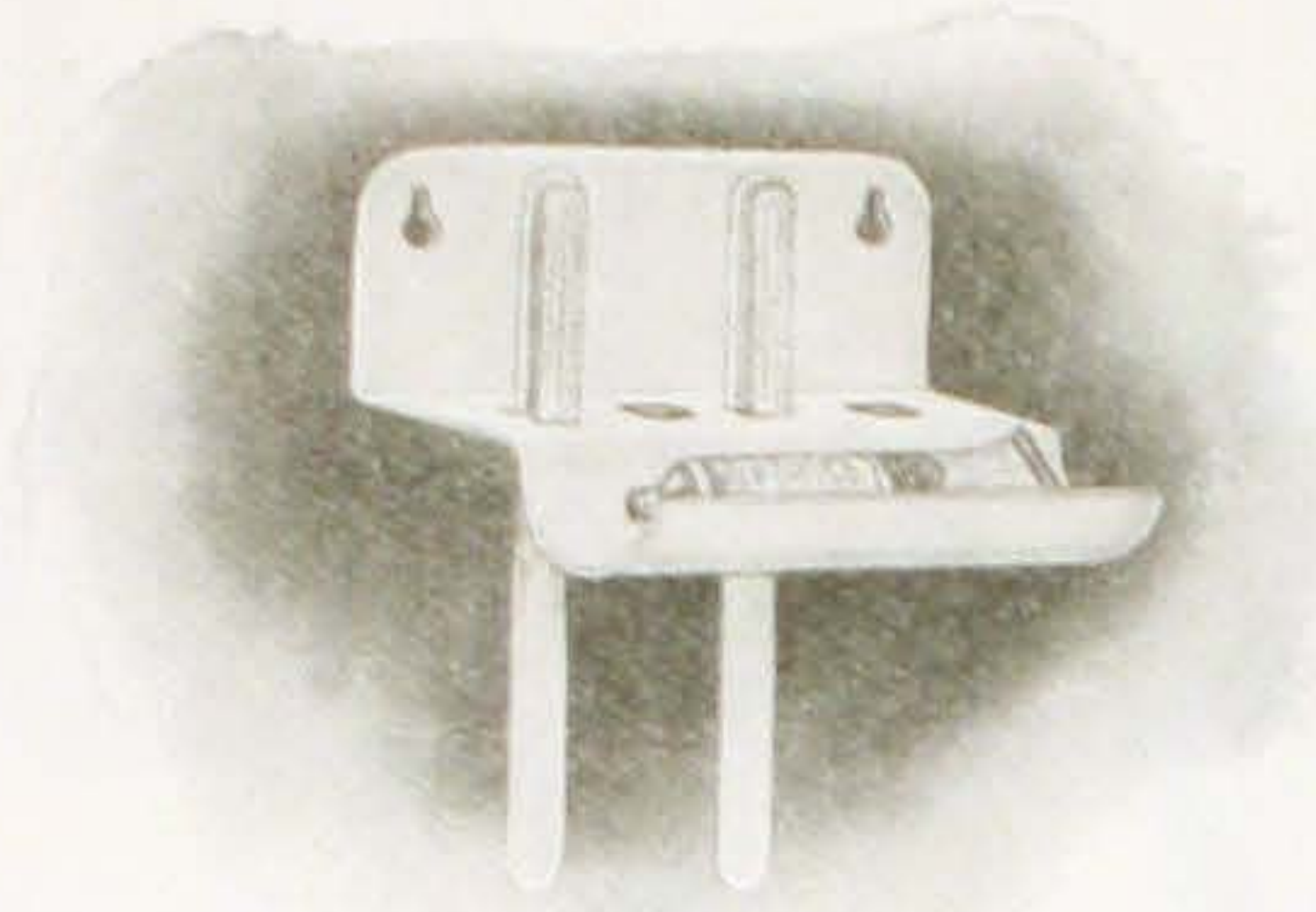


No. PSS 6888
For 1/4" or 3/8" shelves. Prices are for Nickel Plated
Finish.
6" 8" 10" 12" 14" 16" 18"
6/- 8/- 10/- 12/4 14/6 17/4 18/9 pair.
White Enamelled Finish add 6d.

No. PSS 6887
Nickel Plated Finish. For 1/4" or 3/8" shelves.
4" 5" 6" 7" 8" 9" 10" 12"
3/3 3/6 4/6 5/6 6/6 7/2 8/2 9/3
per pair.
White Enamelled Finish add 6d.

Bathroom Fittings, Stainless, Nickel Plated, etc.

Tooth Brush
and
Tooth Paste
Holder.



Chromium Plated
Stainless,
6/8

No. PSS 6902

Nickel Plated,

3/10

White Enamelled,
4/- each.



No. PSS 6904

Stainless Tooth Brush Holder.

5" x 2" x 2" Price 2/9 each.

Firth
"Staybrite"
Stainless.

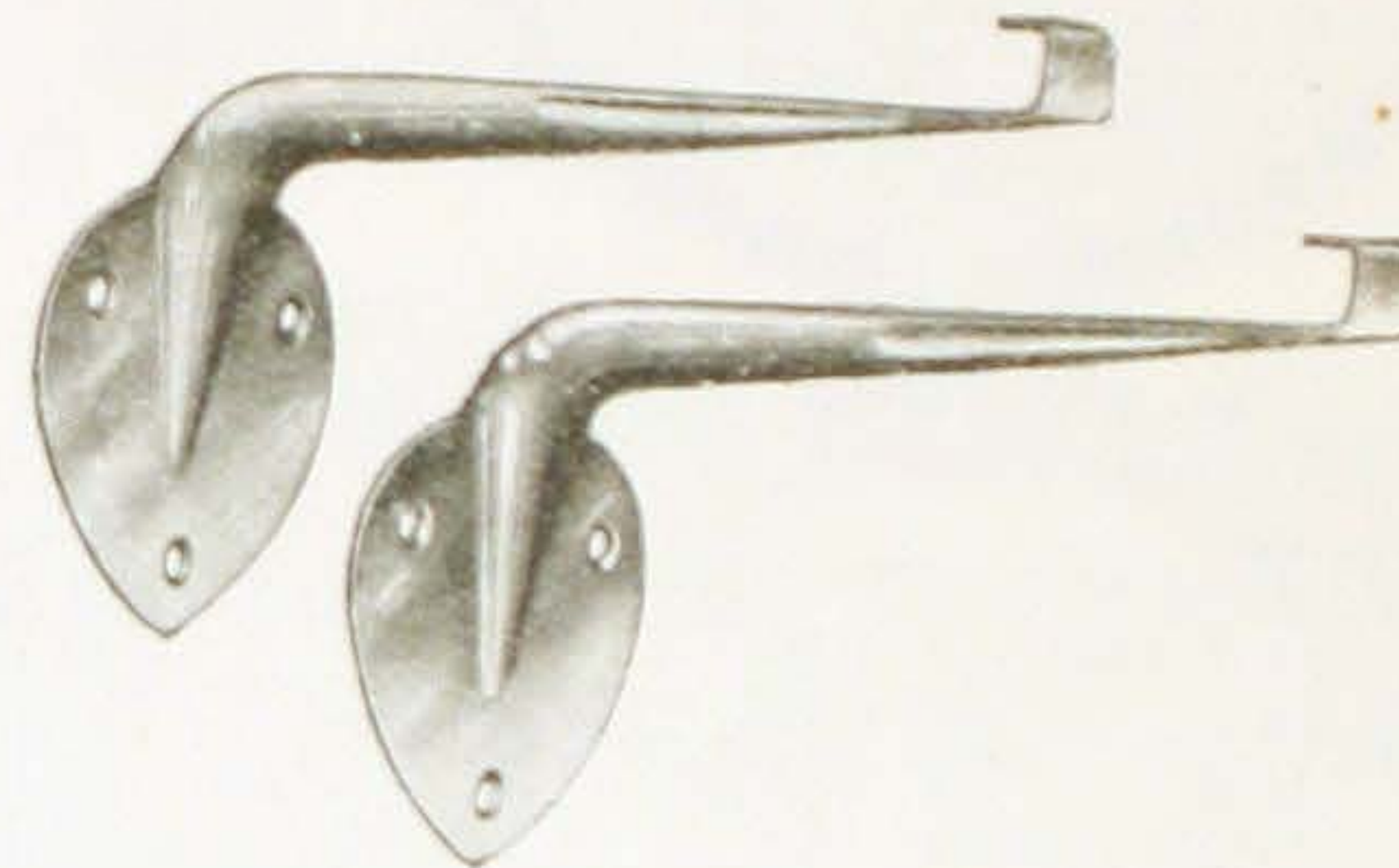
Due to Mass
Production
Methods and
Standardization,
the prices of
Firth "Staybrite"
Stainless Fittings
are exceptionally
low.



No. PSS 6903

Stainless Shaving Brush Clip.

2 1/4" x 2" ... 1/8 each.



No. PSS 6905 Shelf Brackets.

For Shelf 5" wide, Price 4/8 per pair.

Complete with Glass Shelf:—

24" x 5", 8/9 each; 27" x 5", 10/- each; 30" x 5", 10/6 each.



No. PSS 6906

Towel Rail.

Size 27" x 1 1/2" ... 12/10 each.

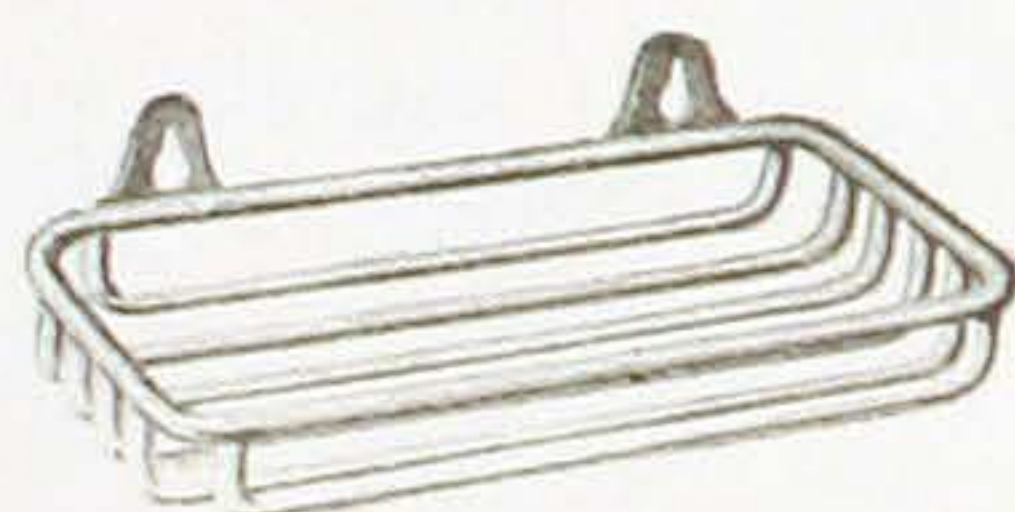


No. PSS 6907

Tube Towel Rail.

1" x 24", 18/-; 1" x 30", 20/-; 1" x 36", 22/- each.

Special length Rails made to order.



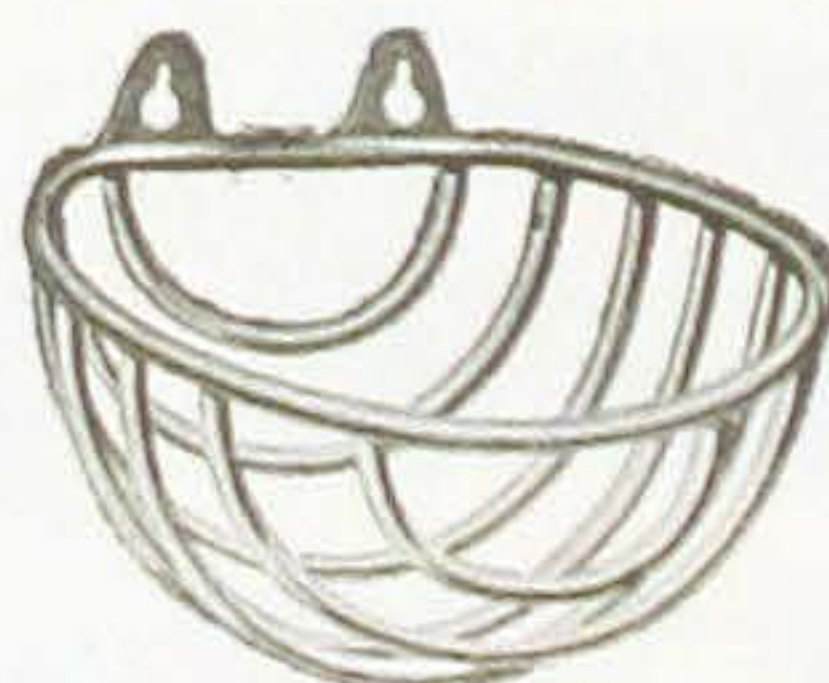
No. PSS 6917

Soap Rack, Wall hanging, 6" x 3 1/2"

Stainless ... 7/6 each.

Nickel Plated ... 7/- "

White Enamelled ... 7/2 "



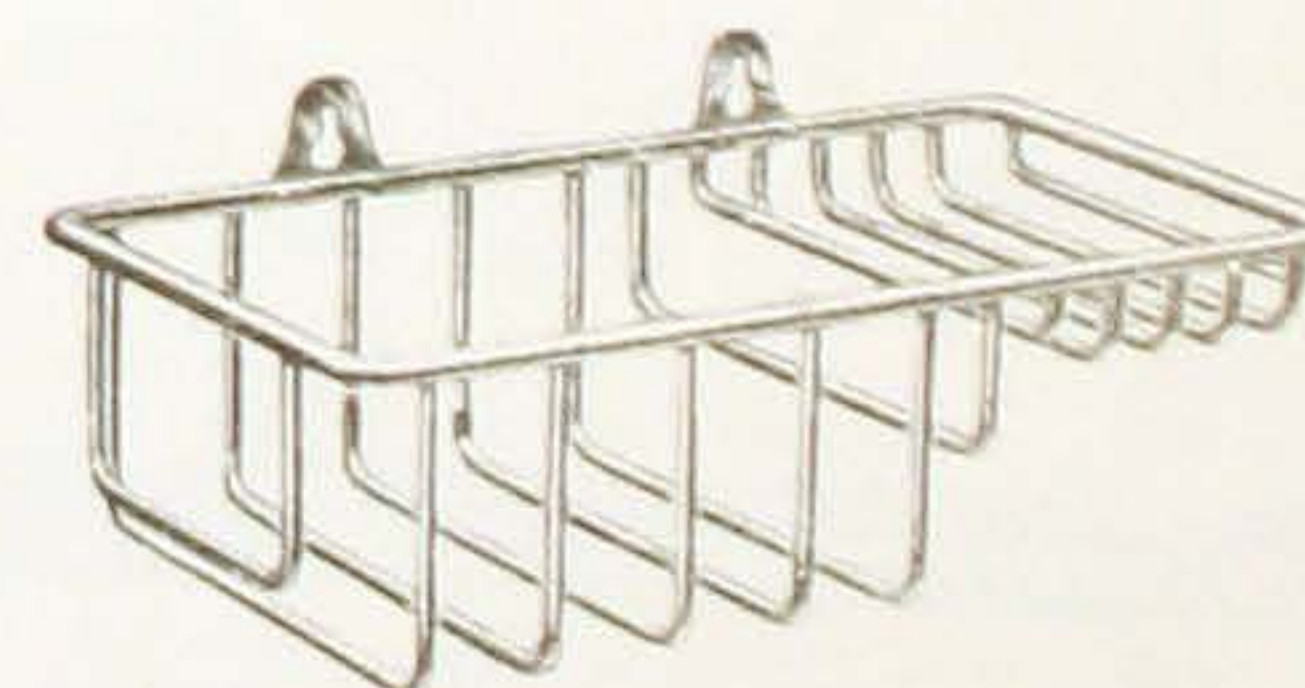
No. PSS 6918

Sponge Rack, Wall hanging, 6" x 4"

Stainless ... 10/- each.

Nickel Plated ... 9/3 "

White Enamelled ... 9/6 "



No. PSS 6919

Sponge and Soap Rack.

Wall hanging 11" x 6"

Stainless ... 15/- each.

Nickel Plated ... 13/10 "

White Enamelled ... 14/8 "



No. PSS 6920

Soap Rack, Bath hanging, 6" x 3 1/2"

Stainless ... 7/6 each.

Nickel Plated ... 7/- "

White Enamelled ... 7/2 "



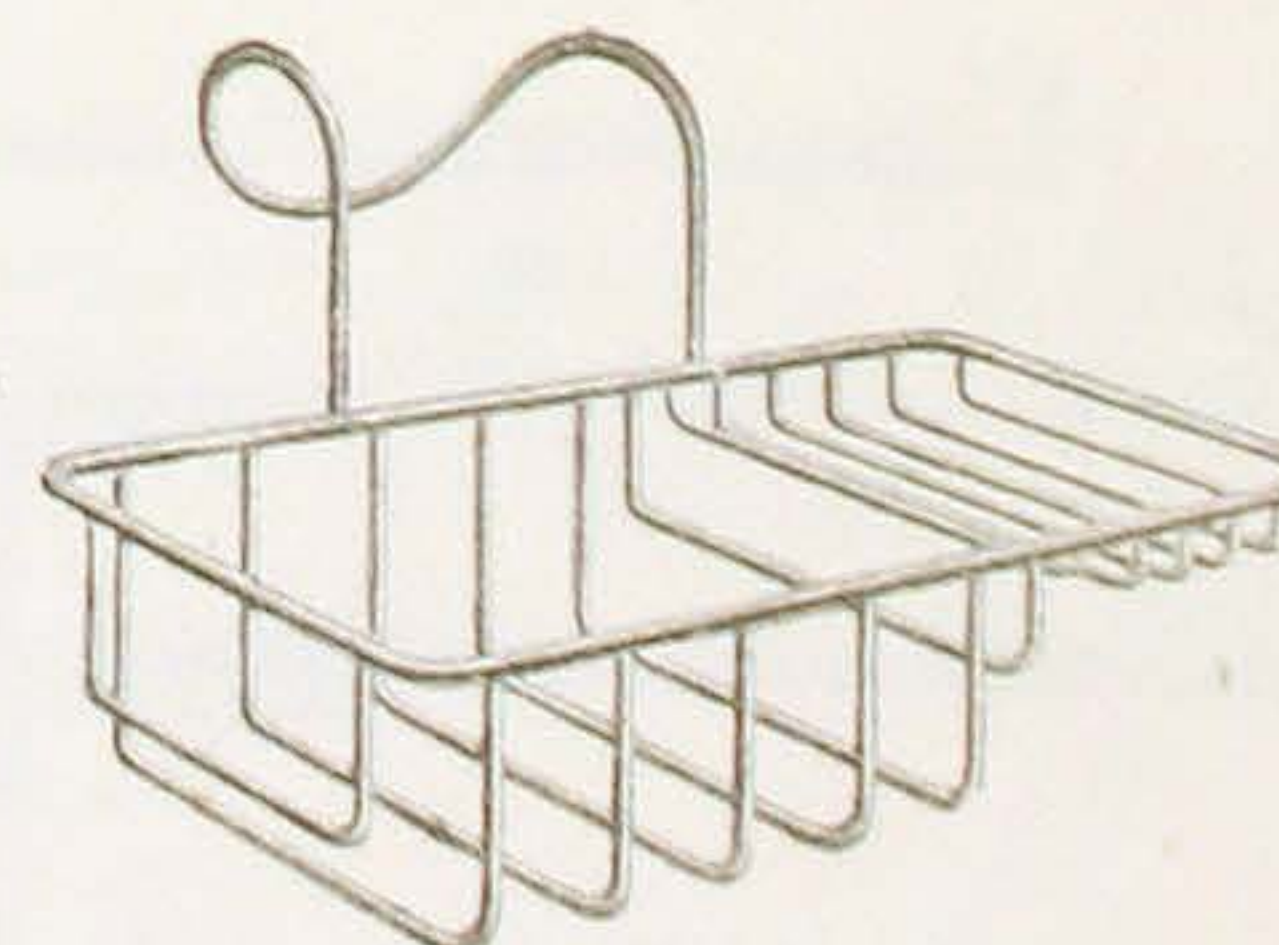
No. PSS 6921

Sponge Rack, Bath hanging, 6" x 4"

Stainless ... 10/- each.

Nickel Plated ... 9/3 "

White Enamelled ... 9/6 "



No. PSS 6924

Soap and Sponge Rack,

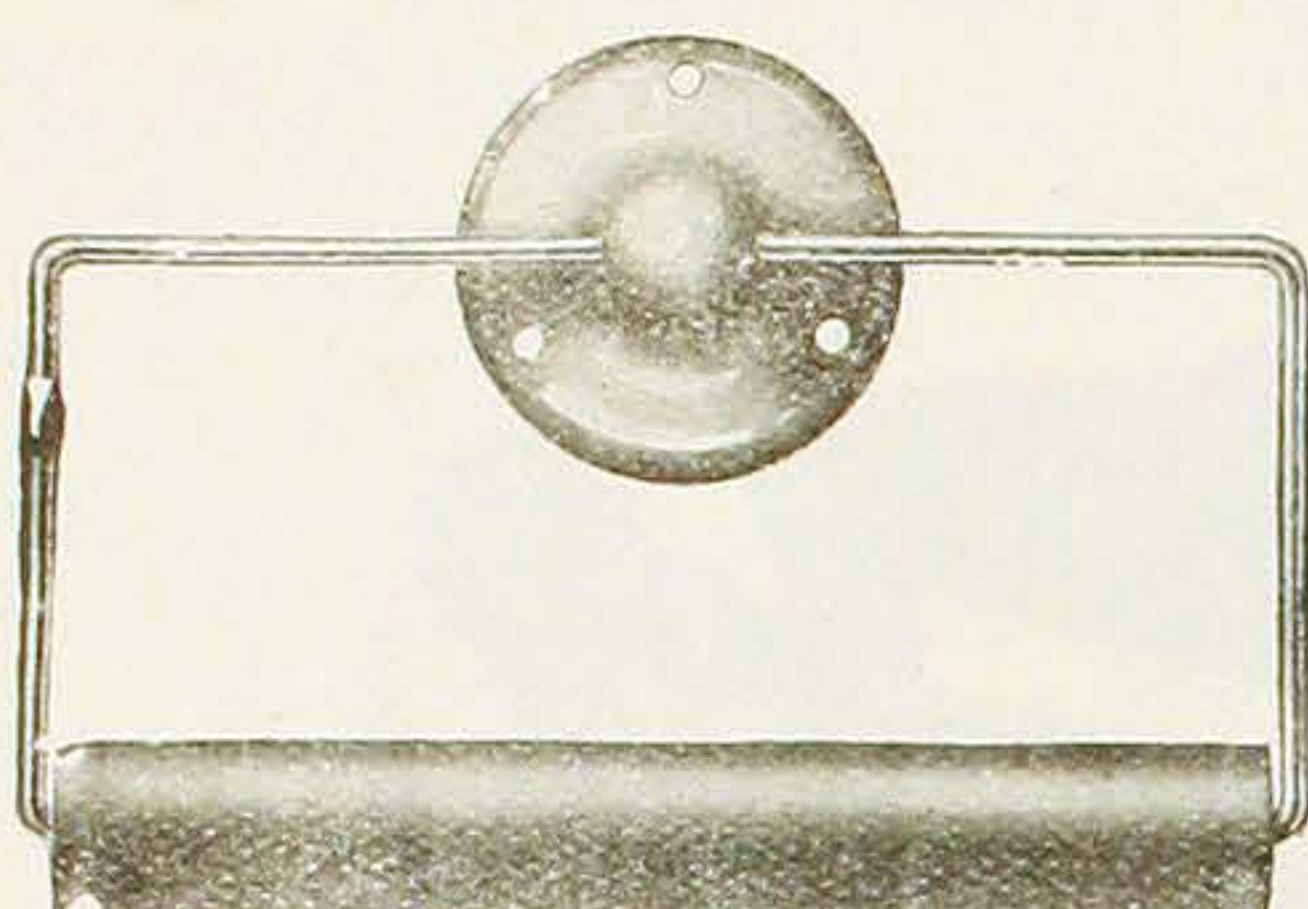
Bath hanging, 11" x 6"

Stainless ... 15/- each.

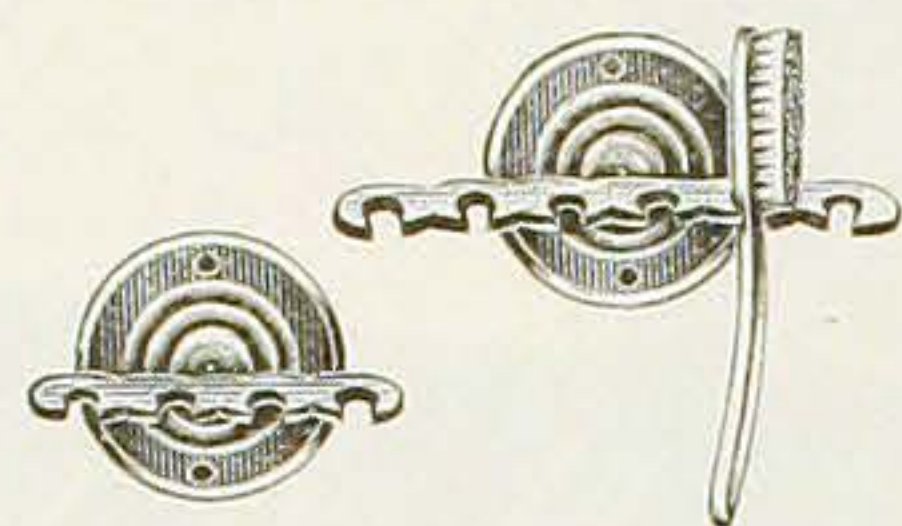
Nickel Plated ... 13/10 "

White enamelled ... 14/8 "

Bath Room Fittings



No. PSS 6890
Stainless
Toilet Roll Holder.
7" x 5 1/2"
Price 2/1 each.



No. PSS 6891
Tooth Brush Holder.
Nickel
Plated. White.
4-Way ... 2/- 2/2 each.
5 " ... 2/6 2/6 "
6 " ... 2/8 2/10 "



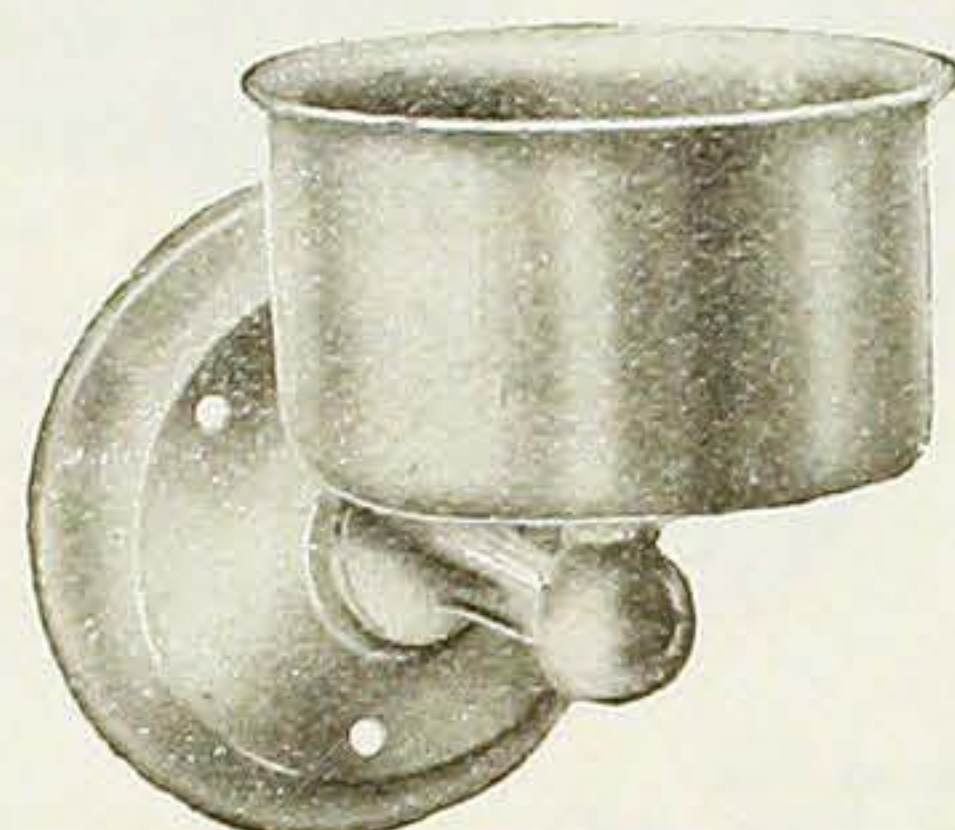
No. PSS 6892
Glass Holder.
Nickel
Plated. White.
With China Vase 6/6 6/8 each.
With Opal Vase 5/3 5/4 "
" Cut Tumbler 5/3 5/4 "
Holder only ... 4/2 4/3 "



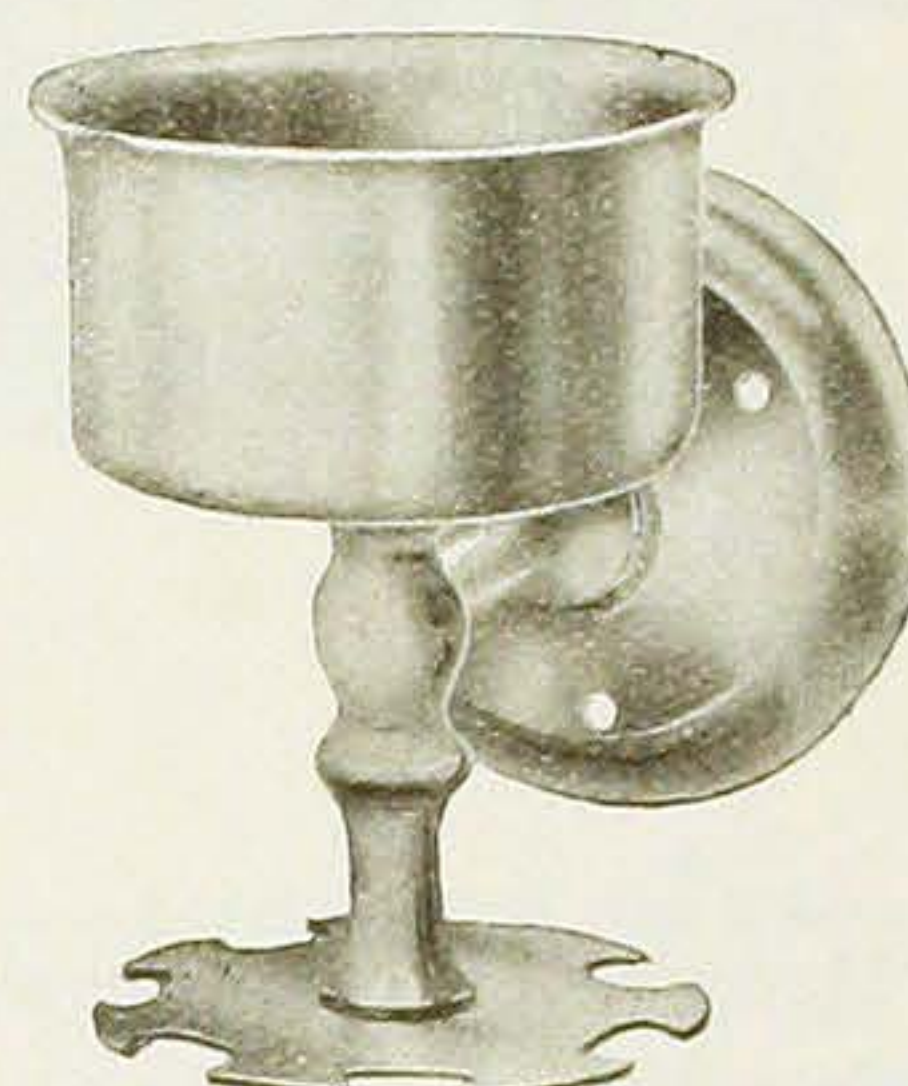
No. PSS 6893
Glass and Tumbler Holder.
Nickel
Plated. White.
With China Vase 9/5 9/6 each.
" Opal " ... 8/2 8/3 "
" Cut Tumbler 8/2 8/3 "
Holder only ... 7/2 7/3 "

FIRTH "STAYBRITE" STAINLESS

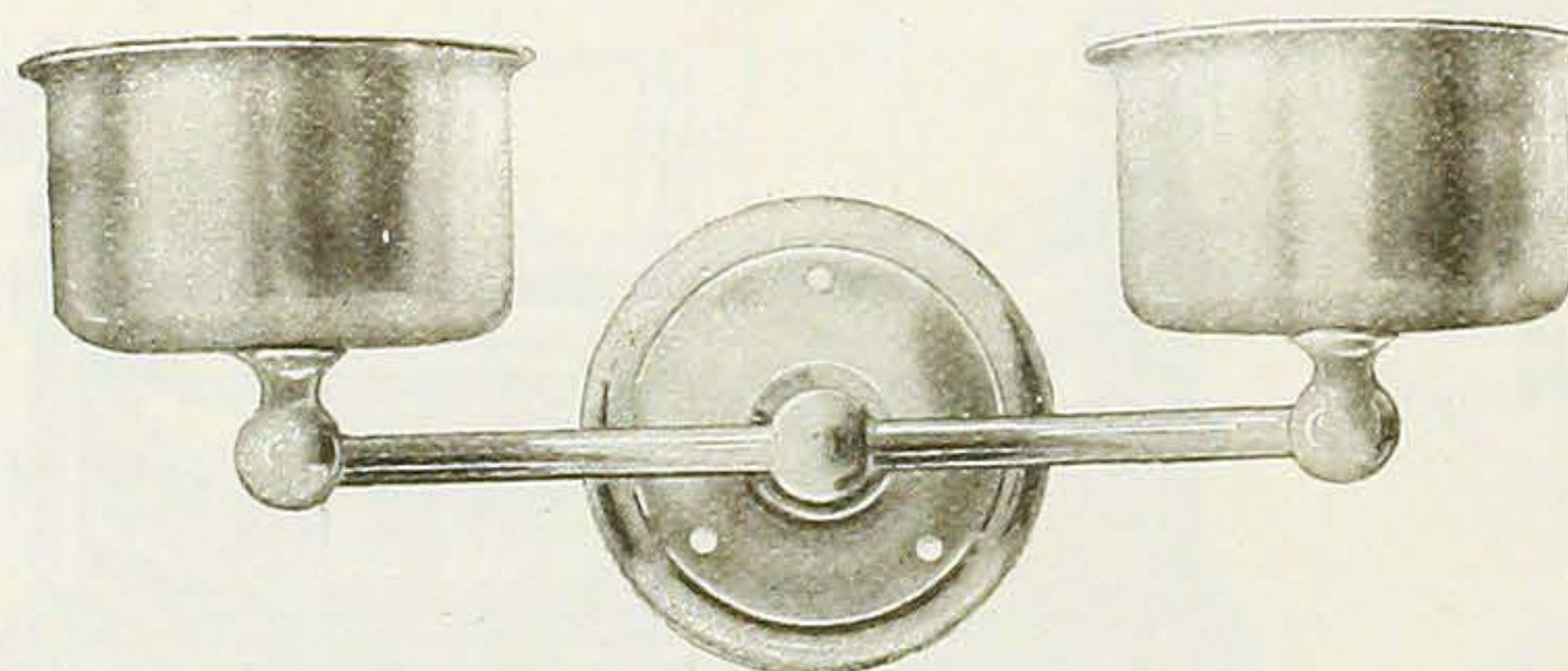
Due to Mass
Production Methods
and Standardization
the prices of Firth
"Staybrite" Stainless
Fittings are excep-
tionally low.



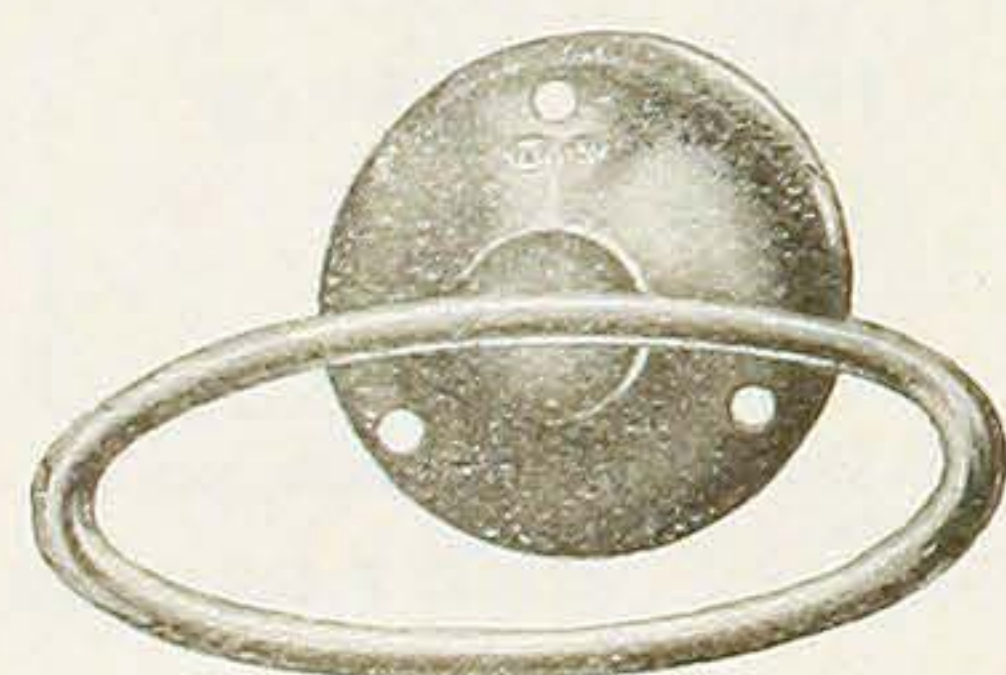
No. PSS 6894
Stainless
Single Tumbler Holder.
4" x 4" Price, 7/9 each.



No. PSS 6895
Combined Tumbler and
Toothbrush Holder.
4" x 3 3/4" Stainless.
Price 10/10 each.



No. PSS 6897
Double Tumbler Holder, Stainless.
9" x 4" Price, 12/10 each.

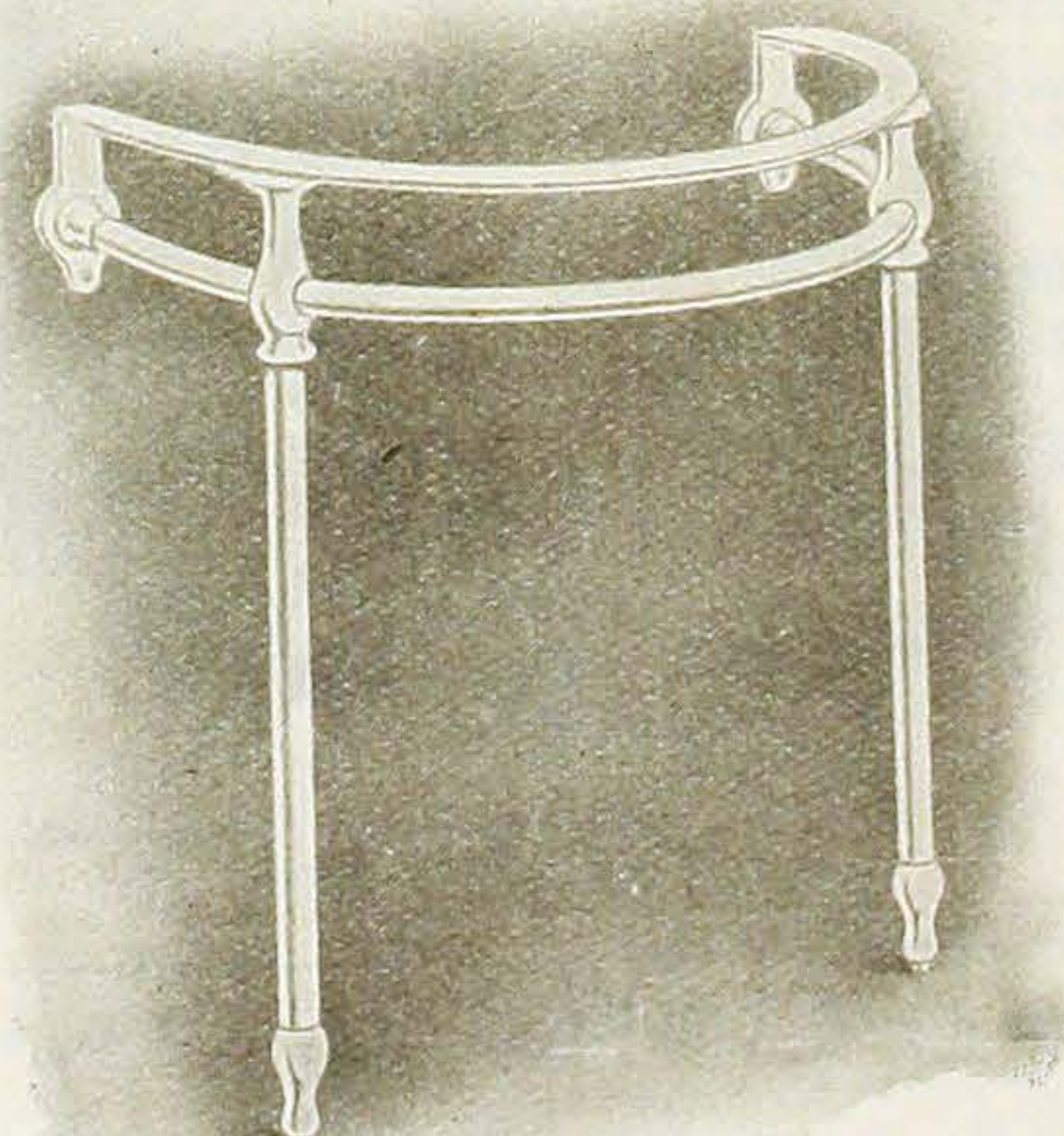


No. PSS 6896
Stainless Tumbler Holder.
3 1/2" x 3"
Price 2/6 each.

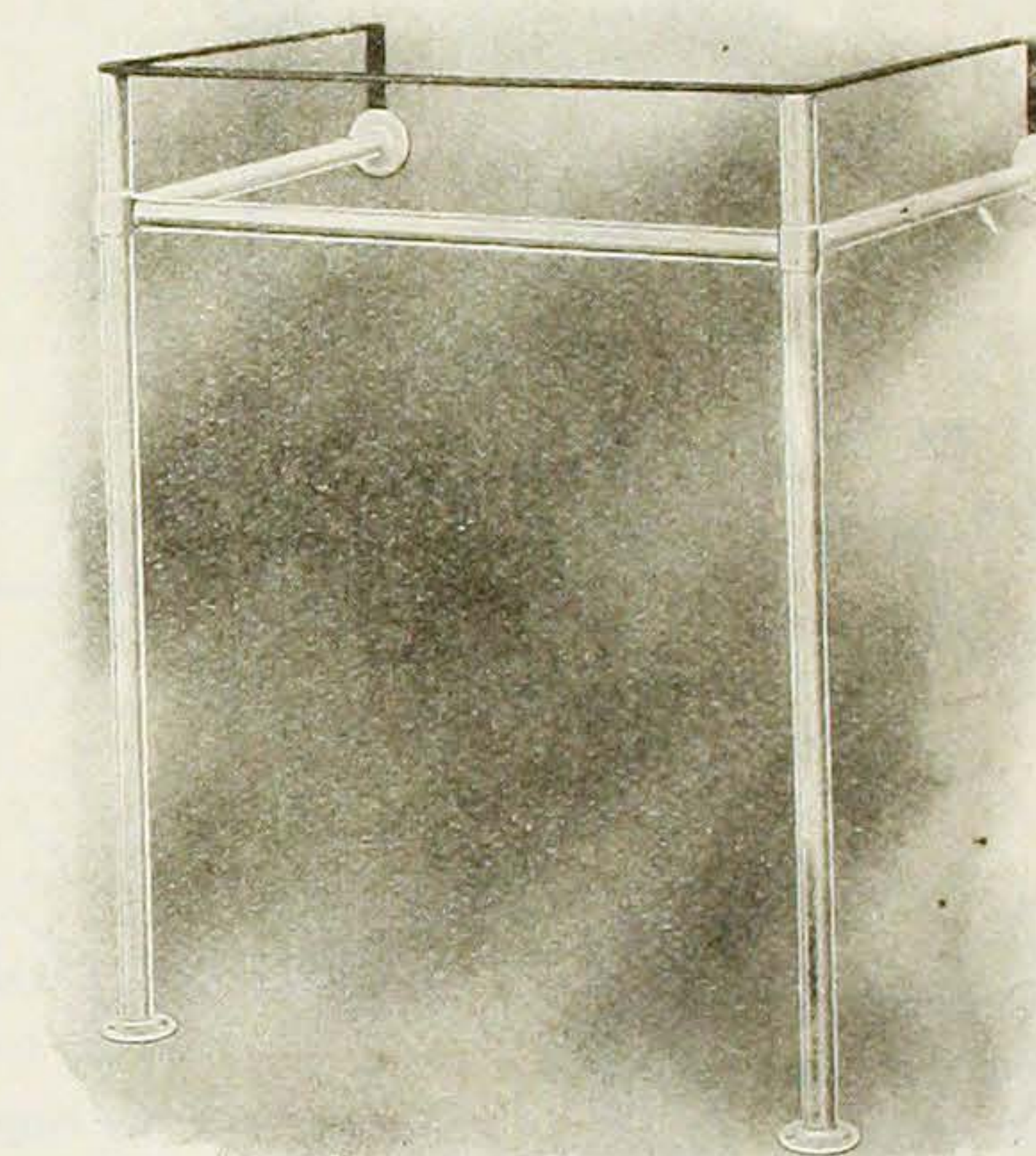
Toilet Roll Holder. For Public Places.
Made to Lock. 6 1/4" x 3 1/8"



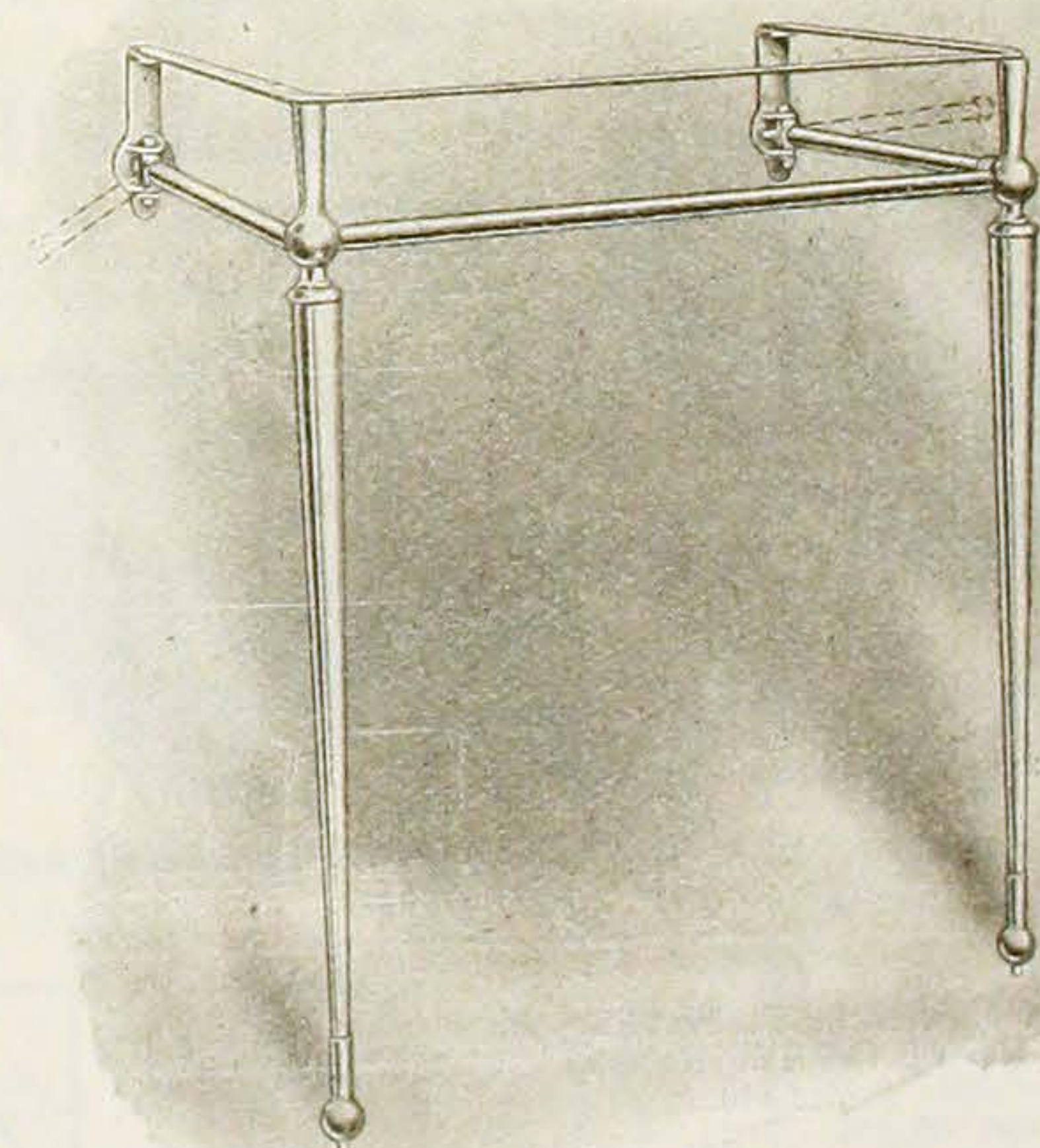
No. PSS 6901
Chromium Plated Stainless ... 12/- each.
Nickel Plated ... 8/4 "
White Enamelled ... 8/9 "
Locking Keys (not plated), 6d. each extra.



No. PSS 6899
Lavatory Stand with Round Front.
Size 27" x 19" or smaller.
White Finish ... 73/6 each.
Nickel Plated Brass ... 66/6 "
Polished White Metal ... 96/3 "
Polished Aluminium ... 54/3 "



No. PSS 6898
White Porcelain Enamelled Steel Lavatory
Stand.
Size 27" x 19" or smaller. Price 42/- each.



No. PSS 6900
An Ideal Stand for High-Class Lavatory Suites
in view of its high finish and attractive design.
To suit square front Lavatory, 27" x 19" or smaller.
Nickel Plated ... 87/6 each.
White Finish ... 99/9 "
Black and White Finish ... 105/- "

"Alpha" and "Parwinac" Loose Stool Bottom Grates, Frets and Tables



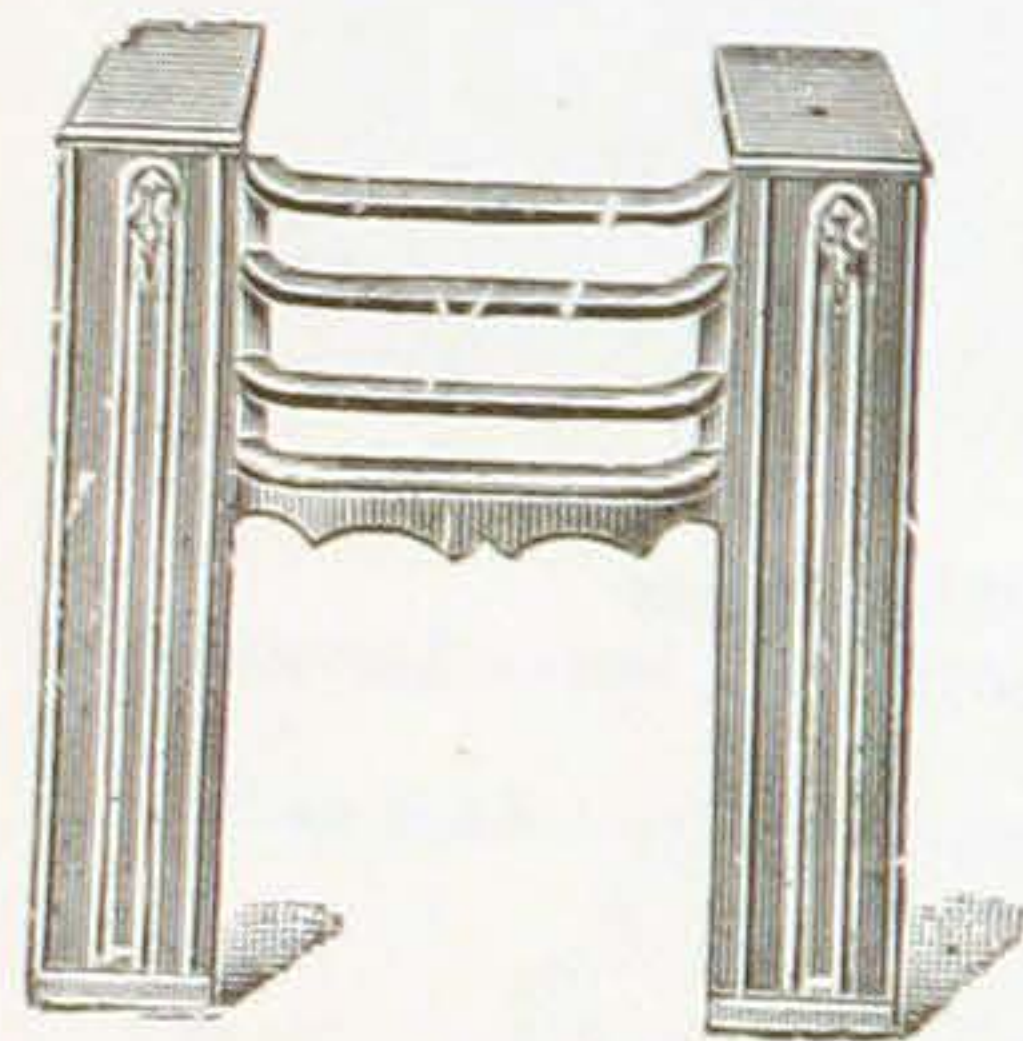
The "ALPHA."

No. PGS 137



No. PGS 138 The "Parwinac" Fire Grate Bottom and Fret. 16" Fire only. Fine Cast, 9/6 set. Best Blacked, 12/- set.

No. PGS 137	Description.	Finish.	Size of Fire...				
			12"	14"	16"	18"	21"
	Grate Bottom only	Supplied only in Fine Cast	3/6	4/3	6/-	8/6	11/3 each.
	Frets only with Plain Knobs as illustrated or Brass Ring Knob...	Best Blacked, i.e., Knobs Blacked or Ring Knob Blacked...					
	Ditto, ditto.	Armour Bright	6/-	7/-	7/9	12/-	13/9
	Ditto, with Brass Ring Knob and Vent. Slide		7/-	8/-	8/9	13/-	14/9
	Ditto, ditto.	Best Blacked					
	Tables only	Armour Bright	8/6	9/6	11/3	13/9	15/6
	Ditto, ditto.	Best Blacked	9/6	10/6	12/3	14/9	16/6
		Armour Bright	—	8/6	8/6	12/-	—
				9/6	10/3	12/9	—

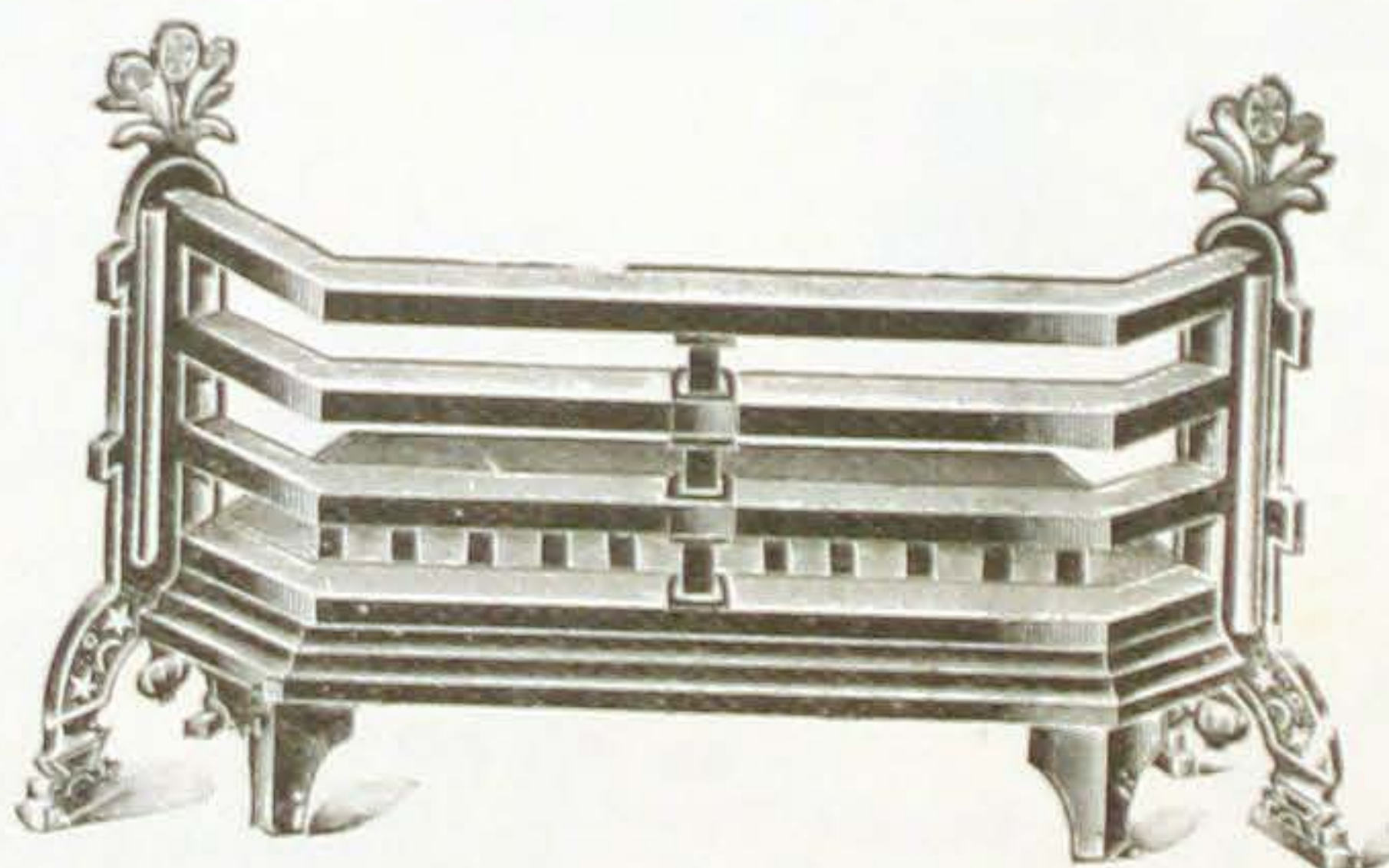


Eliptic Hob Shams

Fine Cast and Blacked.

Size ..	No. PGQ 145			
	12"	14"	16"	18"
	7/-	8/6	9/6	10/9 each.
Size ..	No. PGQ 146			
	20"	22"	24"	
	12/-	13/9	15/4 each.	

18" wide with 10" Fire and Turn-down Bar. 13/9 each.



Leamington Bars

No. PGQ 140

Price of Bars and Bottom (No Pockets).

18"	21"	24"
18/-	21/3	26/6

Price complete.

18"	21"	24"
25/6	27/3	31/6

Lighter and Ornamental Patterns, prices upon application.

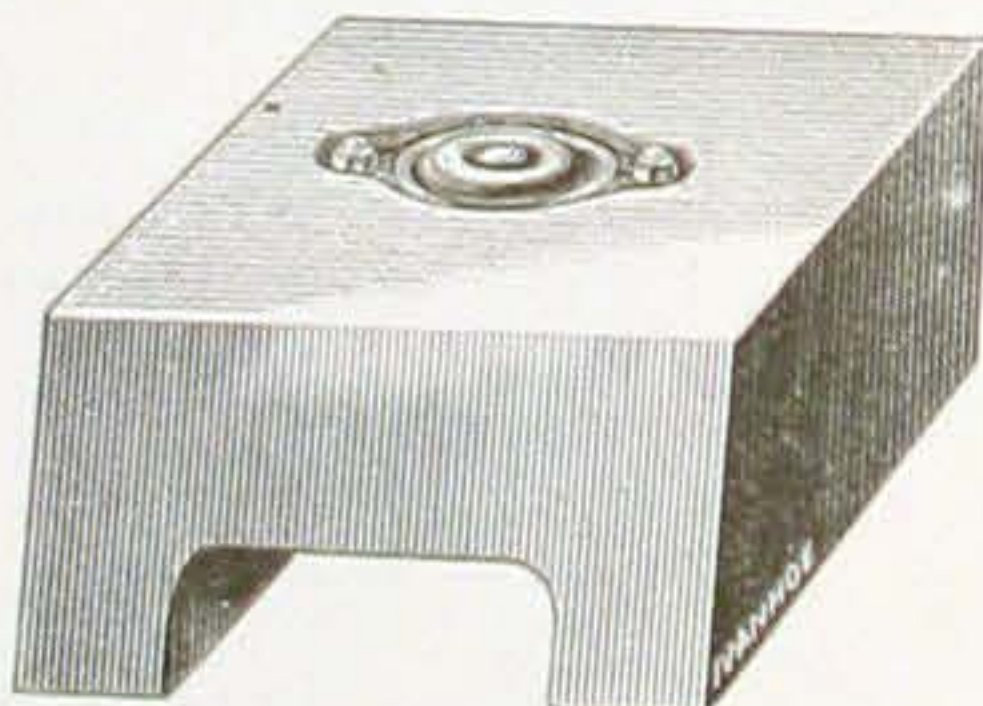
Range Boilers

SPECIFICATION. — Wrought Welded. Made from 1/8" plate, fitted with Sunk Man-Lids and Joint Rings, and drilled two holes up to 1 1/4"



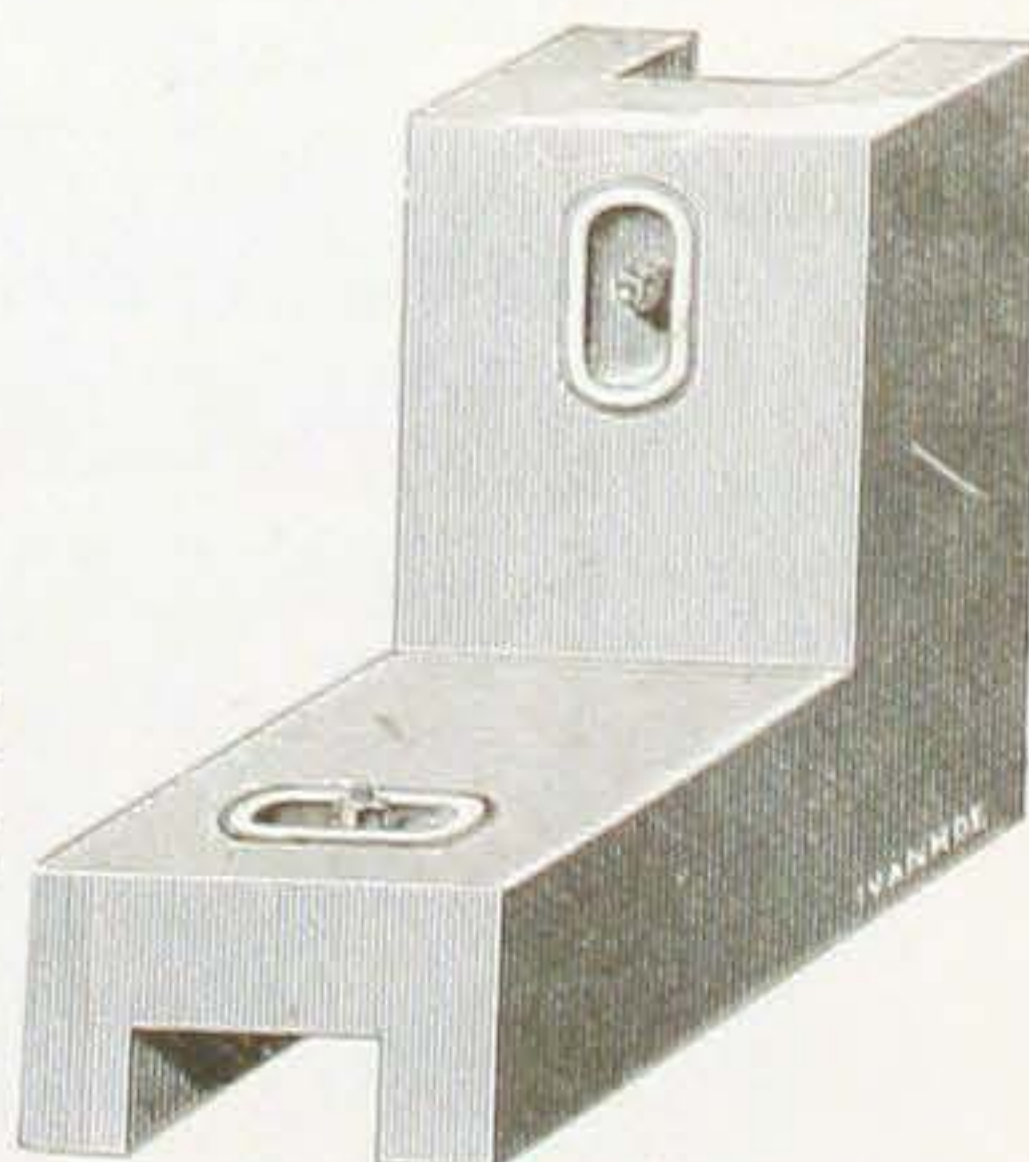
No. PGS 891 Plain Boiler.

Fitted with Improved Recessed Oval Man-lid.



No. PGS 890 Arch Flue Saddle Boiler.

SPECIFICATION : PURE COPPER. Made from 1/8" plate fitted with oval double nutted Man-lids. Complete with Joint Rings. Each Boiler having two tapped bosses brazed on. Sizes of tappings up to 1 1/4"



No. PGQ 891L Boot Boiler. Fitted with 2 Recessed Oval Man-lids.

Man-lid Covers



No. PGS 891P

4" Stamped Steel Round Flush Cover, 3/9 each. Joint Ring, 6d. extra.



No. PGS 891R—4 inch Stamped Steel Cover.

Double Nutted. Practically unbreakable. We fit this to all Boilers unless otherwise specified, 2/9 each. Joint Ring, 6d. each extra.

Group :

- A—Suits No. PG 181 Hob Tile Register.
 B—Suits No. PG 184 Tile Register, 16" Fire with self-contained Boiler Flue.
 C—Suits No. PG 105 Ditto.
 D—Suits both of the above but with built-up Boiler Flue in which case Damper and Rod is necessary. Price 4/3 extra.
 E—Suits No. PG 930 "Ure" Back to Back.
 F—Suits No. PG 183 Hob Tile Register.
 G—Suits No. PG 1020 "Ironclad" Range.
 H—Suits No. PG 1022 36" "Pilot" Range.
 I—Suits No. PG 1022 42" "Pilot" Range.
 J—Suits No. PG 717 "Stafford" Range.
 K—Suits No. PG 710 "Popular" Range & No. PG 709a Oven Grate and No. PG 864 "Parwinac" Grate.
 L—Suits Nos. PG 738 & 739 "City" Range. M—Suits No. PG 710 "Popular" Range & No. PG 709a Oven Grate. N—Suits No. PG 717 "Stafford" Range. O—Suits Fireplaces No. PG 1002 & No. PG 1061

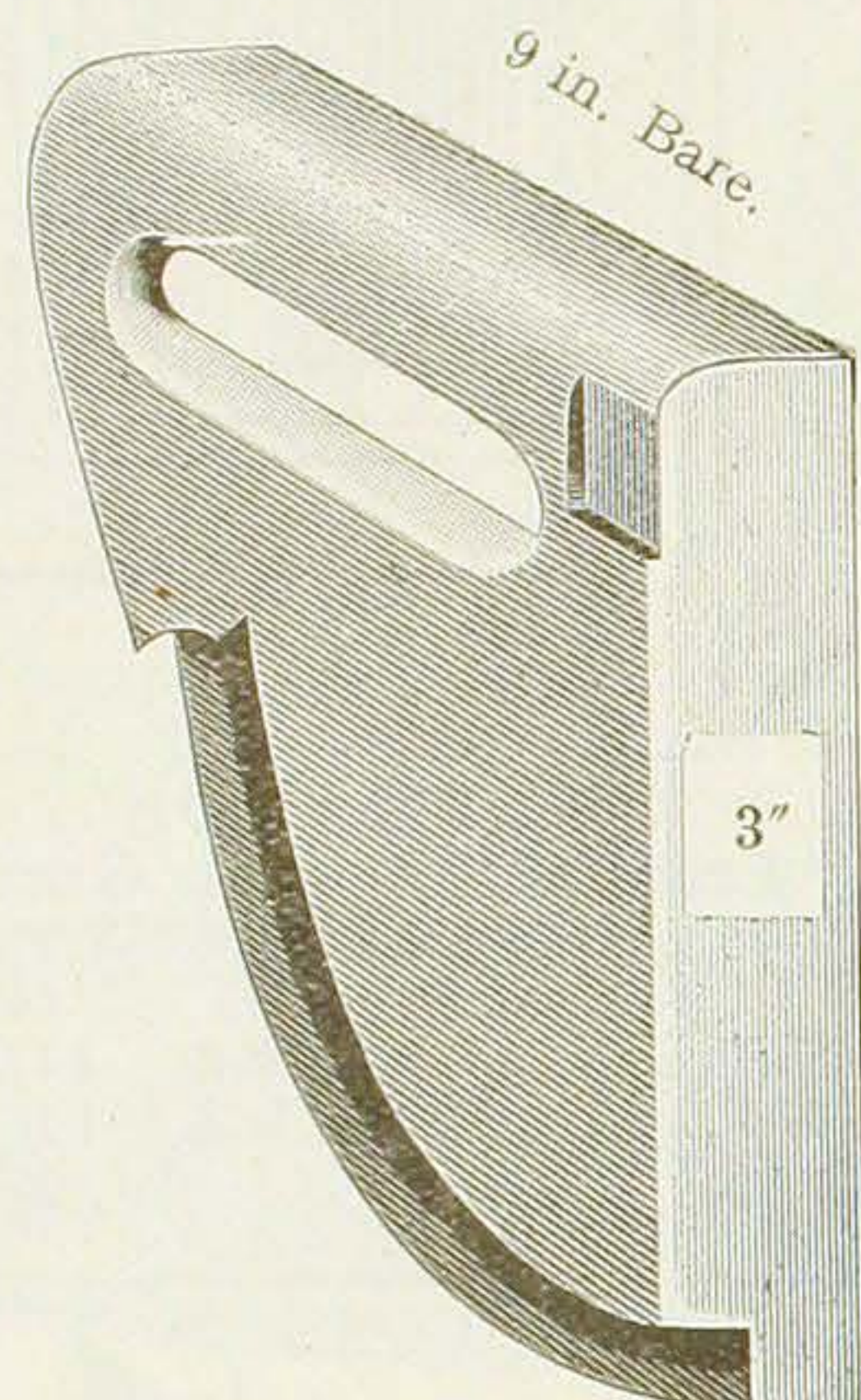
Suits Group	No. PGS 891 Plain Boiler.						Suits Group	No. PGS 890 Saddle Boiler.						Suits Group	No. PGQ 891L—Boot Boiler.					
	W.	H.	B.	T.	Wrot.	Copp'r		W.	H.	B.	T.	Wrot.	Copp'r		W.	H.	B.	T.	Wrot.	Copp'r
A	10 1/4"	6 1/4"	6 1/4"	5 1/4"	18/9	42/6	G	10"	6"	8 1/2"	6 1/4"	19/-	48/-	M	11"	20"	15 1/4"	6"	82/-	201/6
D	12"	6"	4"	4"	18/9	39/6	K	11 1/4"	6"	9"	8 1/2"	21/-	66/-	N*	11"	20"	18 1/2"	6"	87/6	213/6
B	12"	6"	4 1/4"	4 1/4"	19/-	42/-	H	12"	6"	8 1/2"	6 1/4"	21/-	66/-		12"	16"	18"	6"	81/9	—
O	12"	7"	5"	5"	20/-	48/9	L	12"	6 1/4"	12"	12"	22/9	82/-	L°	12"	20"	18 1/4"	6"	90/6	228/9
C	13"	4"	7"	7"	19/9	55/9	F	12"	10"	8"	6"	21/6	82/-							
							E	14 1/4"	6"	6 1/4"	5"	21/8	68/9							

*Note N has Toe 6" high and L-7" high.

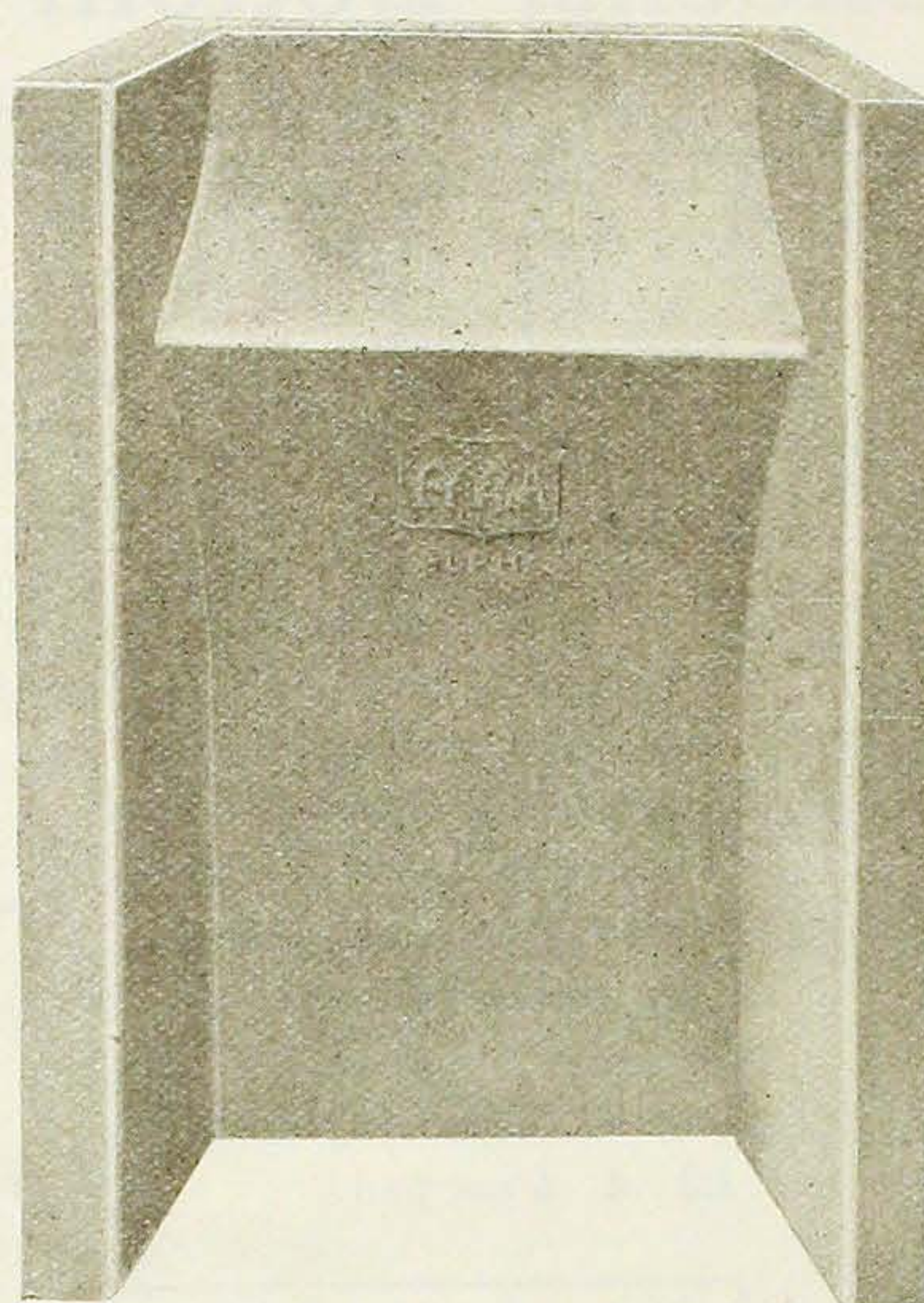
"B" Basis.

PGS—Stock Line ; PGQ—Quick delivery ; PGO—To order only.

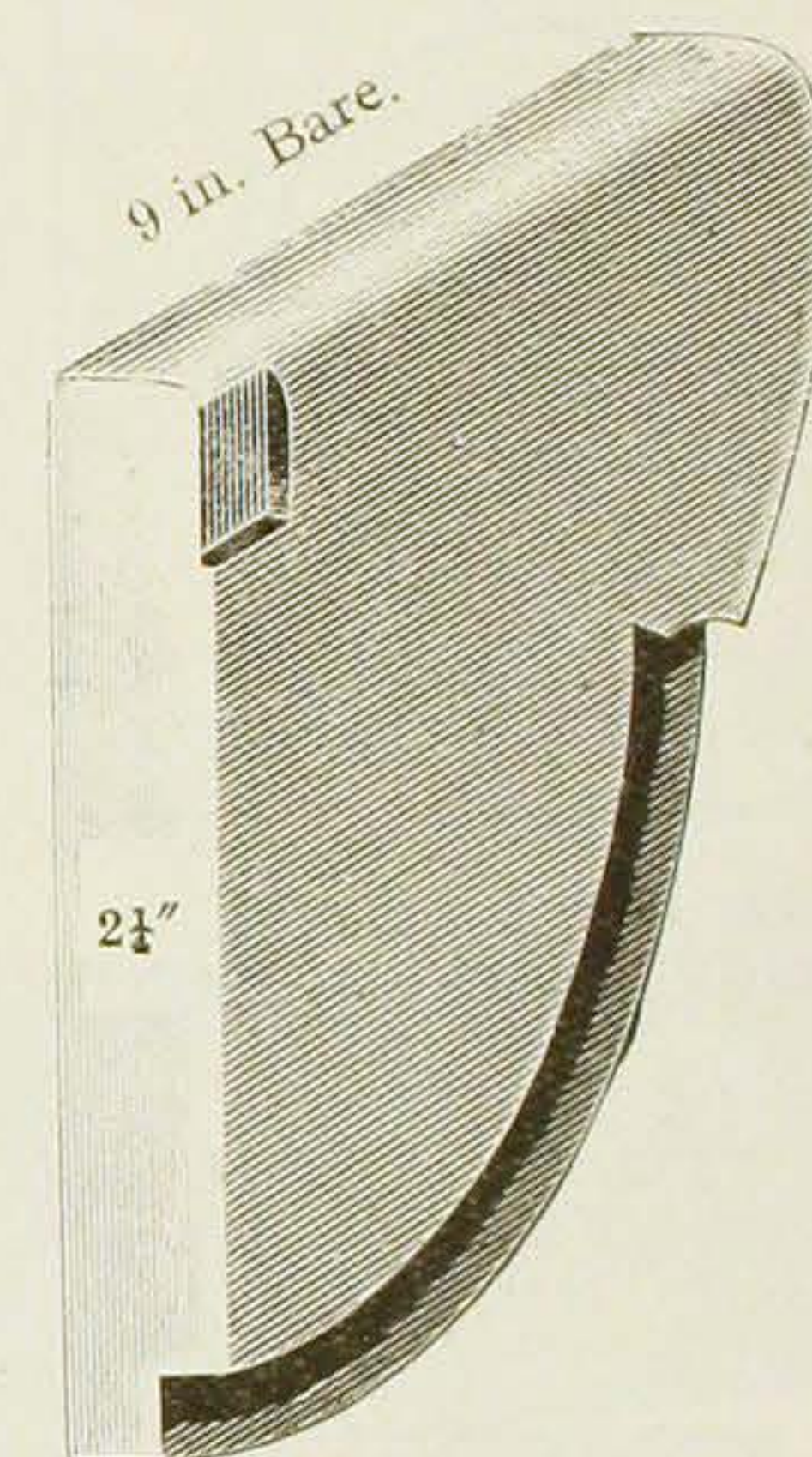
Range Cheeks, Firebrick Backs and Bottom Grates



No. PG0 1097
Down Draught Cheeks for Ovens.
16/- per pair.

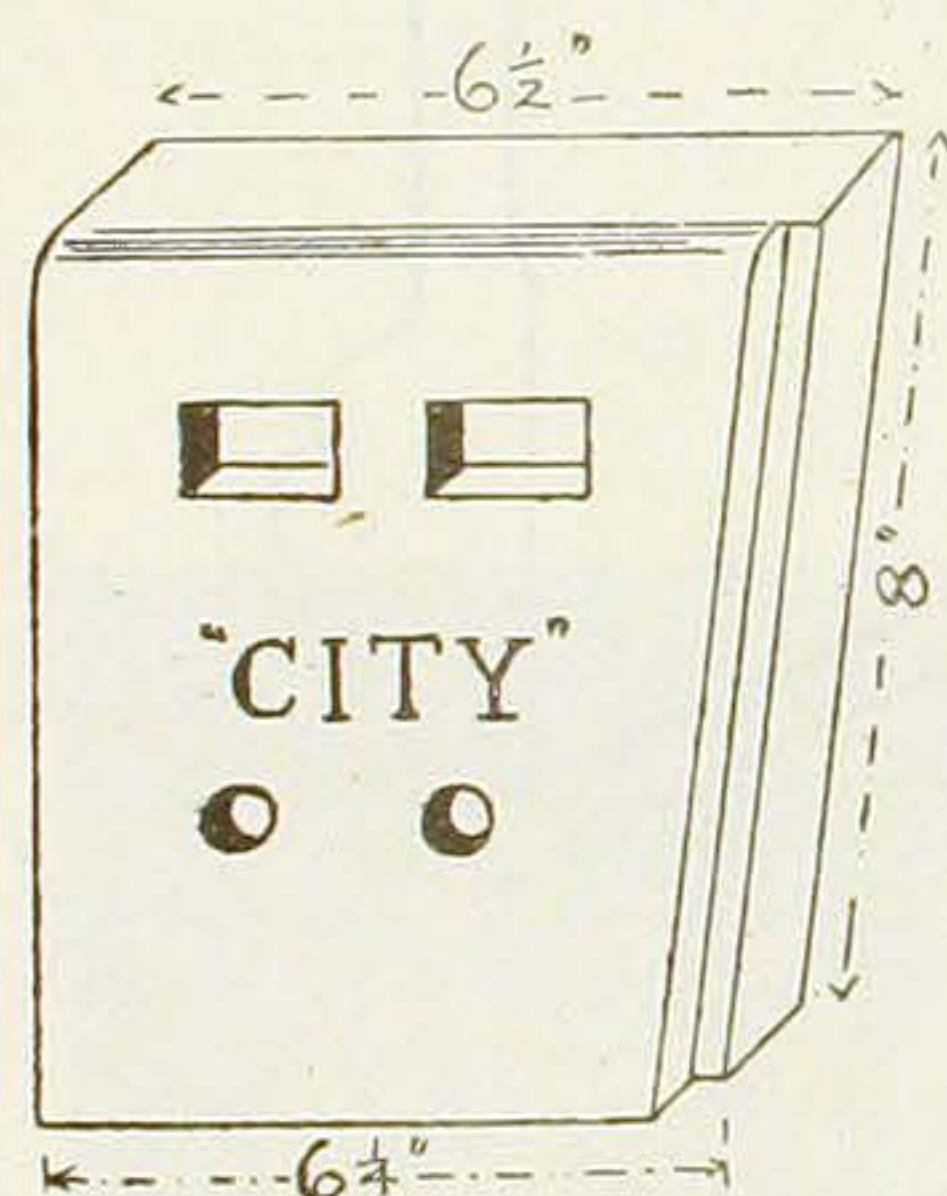


No. PGS 1100 "Alpha" Brick Backs.
Solid Brick Backs for 16" fire ... 10/- each.
Two-Piece Brick Backs for 16" fire 11/- "
Four-Piece " " " 11/- "

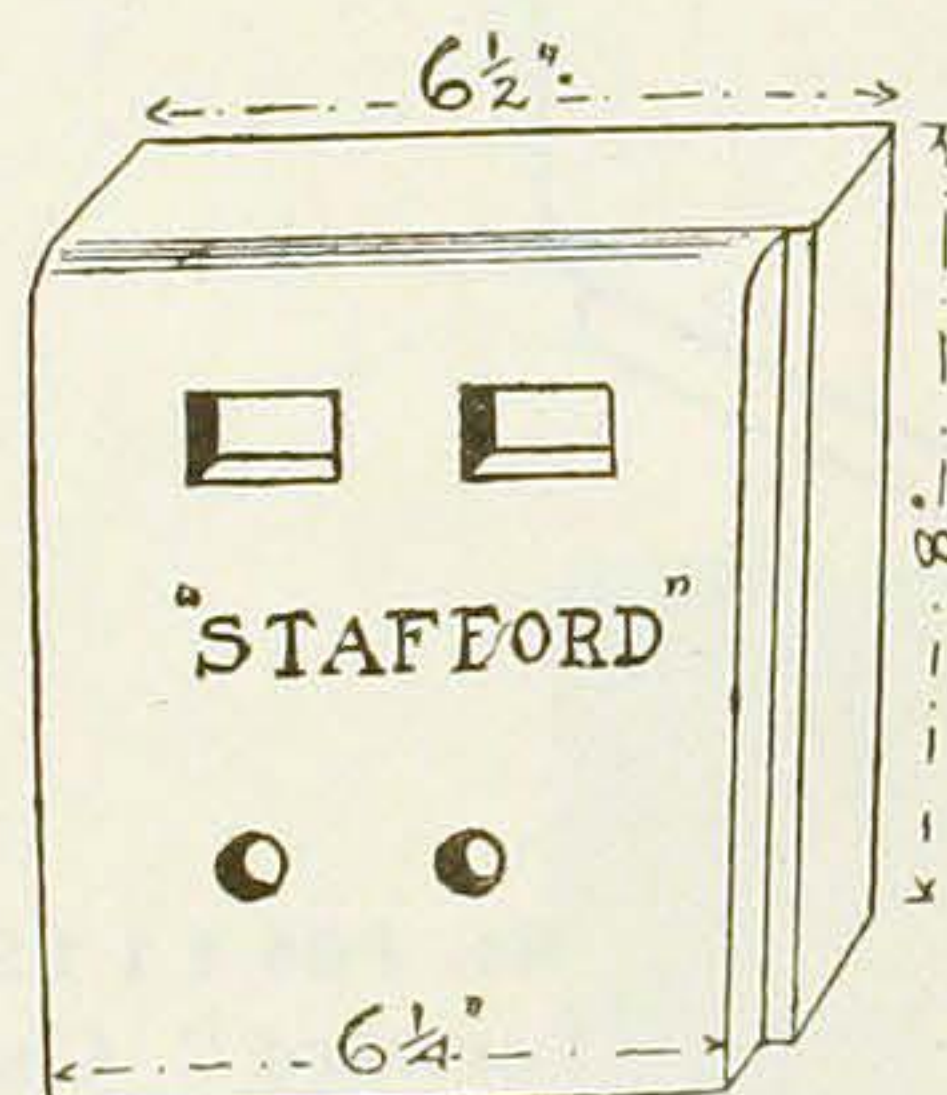


No. PG0 1098
Solid Cheeks for Roasters or Sham Hobs.
16/- per pair.

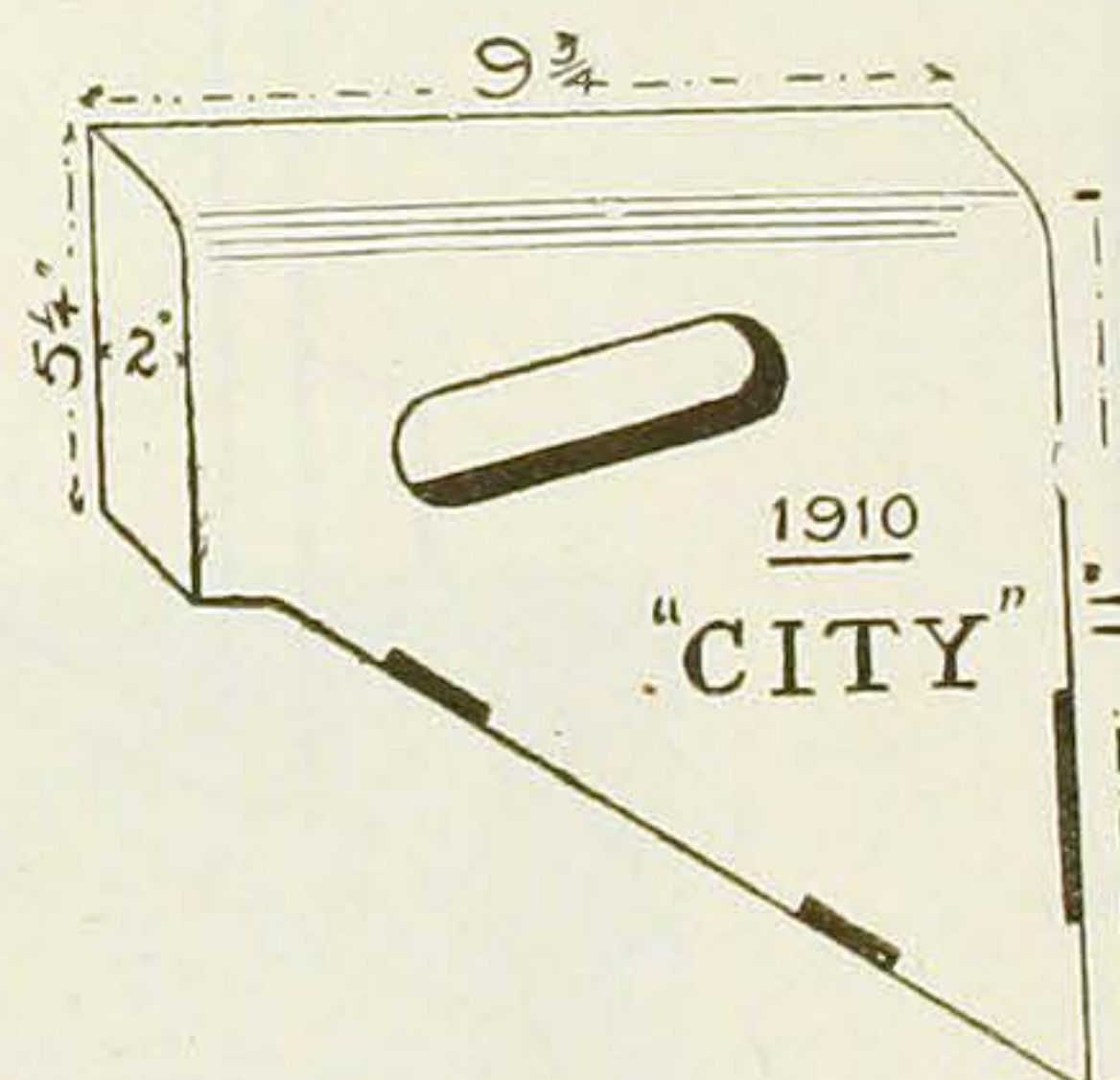
IRON RANGE CHEEKS



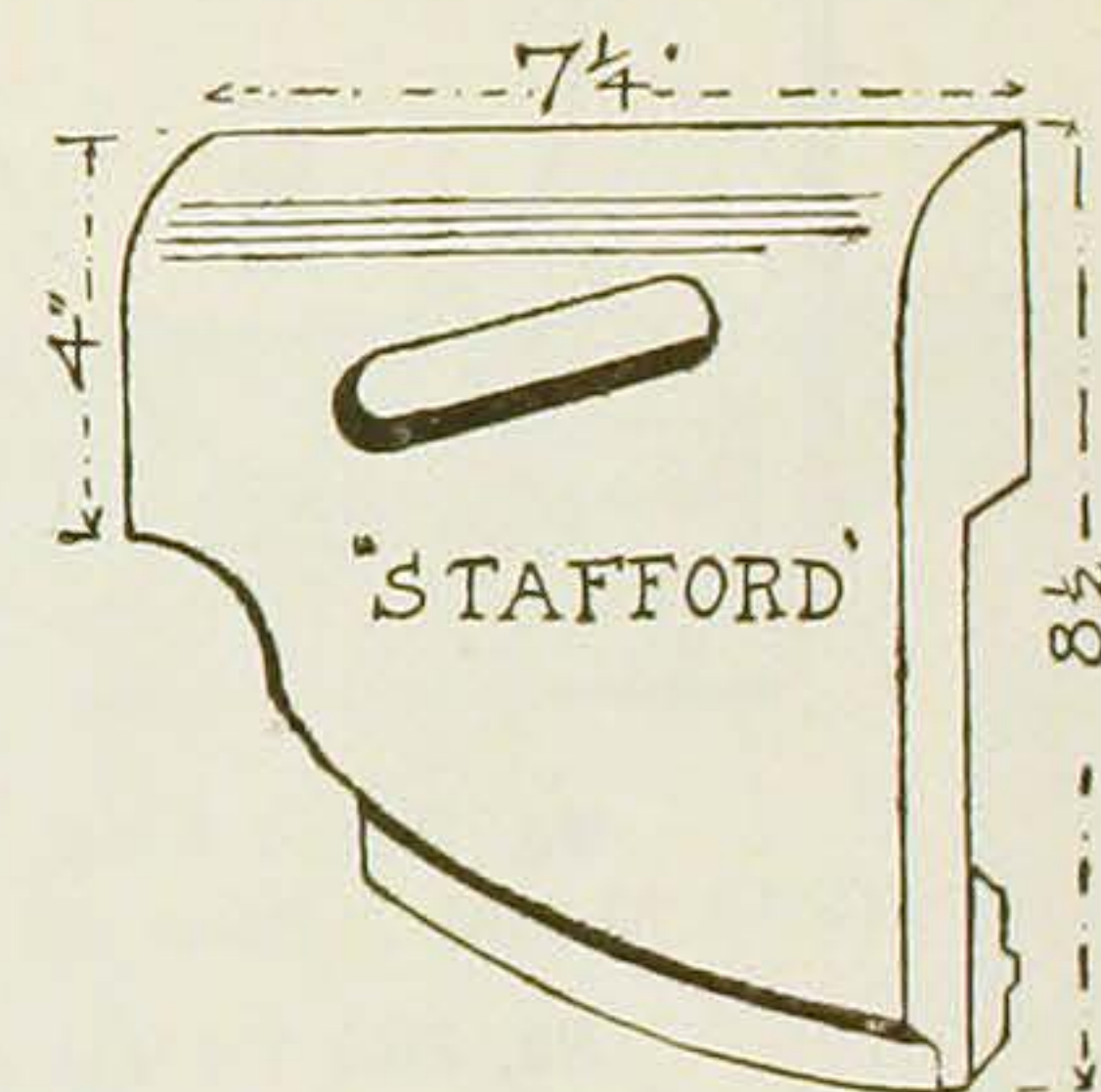
No. PG0 1093 6/6 each.



No. PG0 1094 6/6 each.

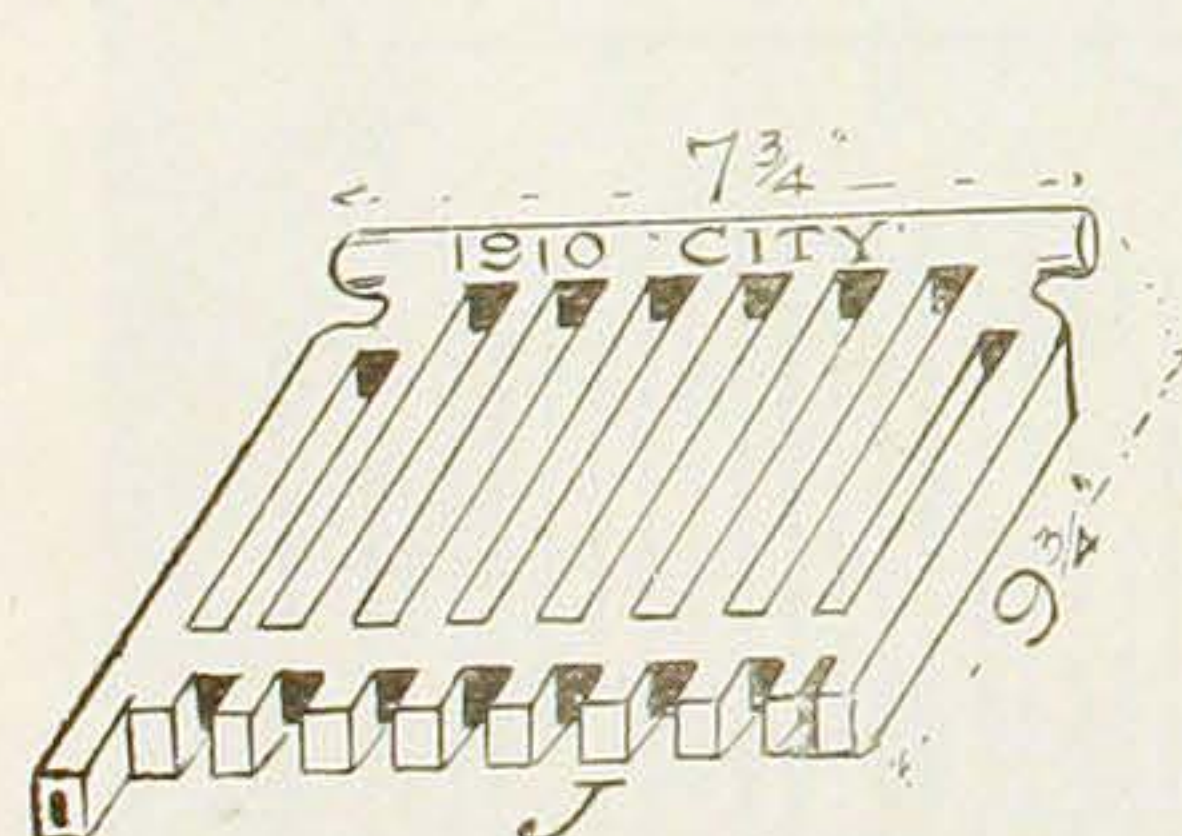


No. PGS 1099 9/- each.

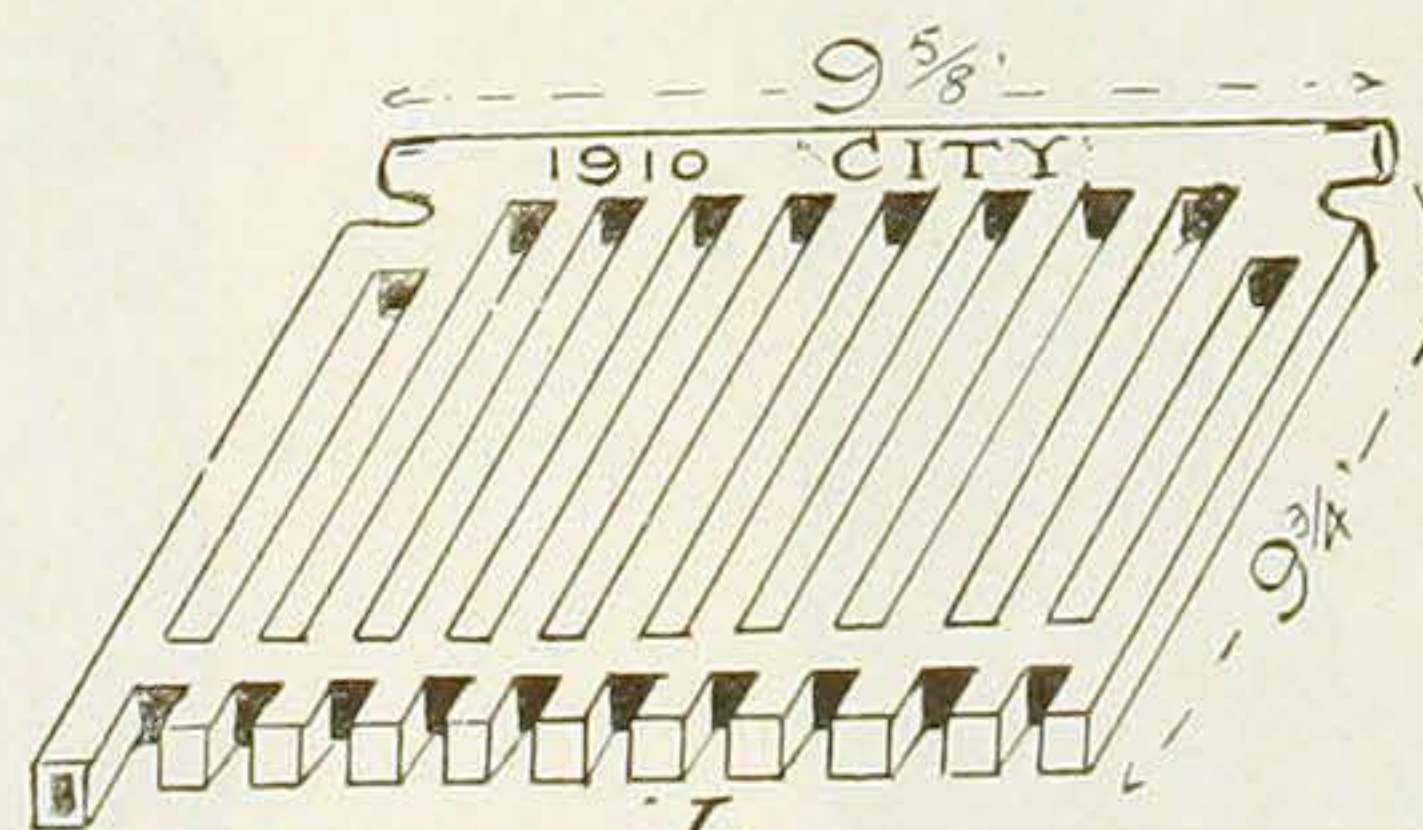


No. PGS 1111 5/- each.

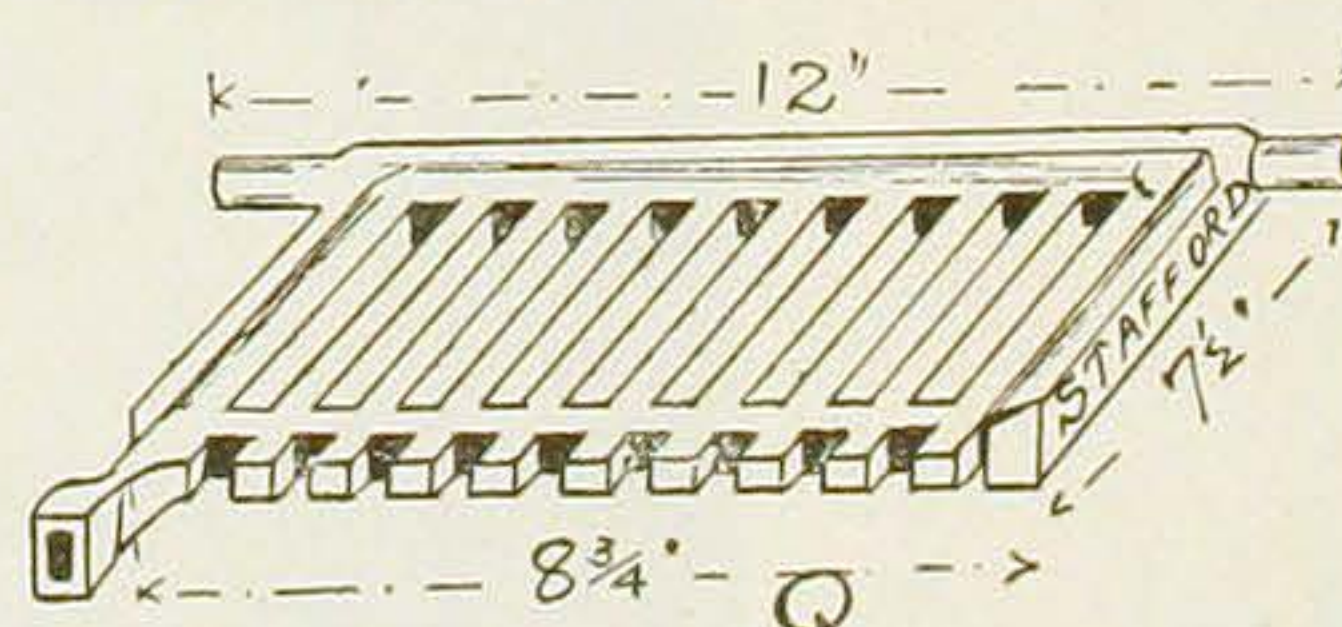
IRON RANGE GRATINGS



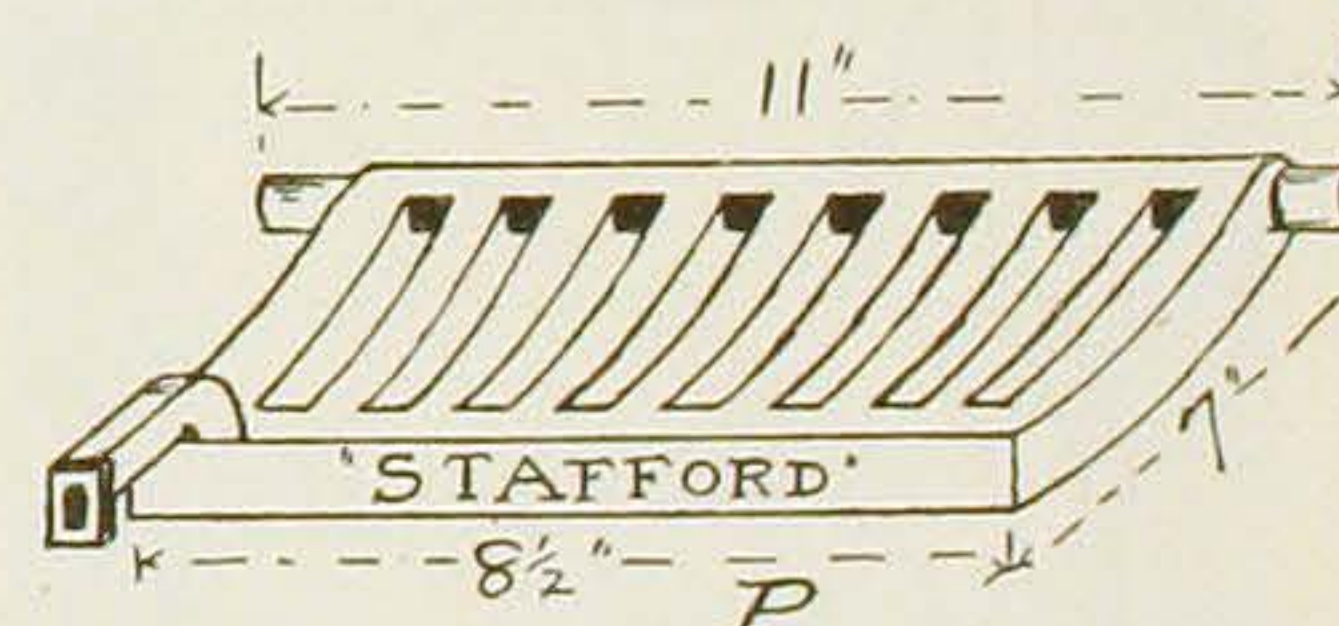
No. PGS 1095 8", 12/- each.



No. PGS 1095 10", 14/- each.



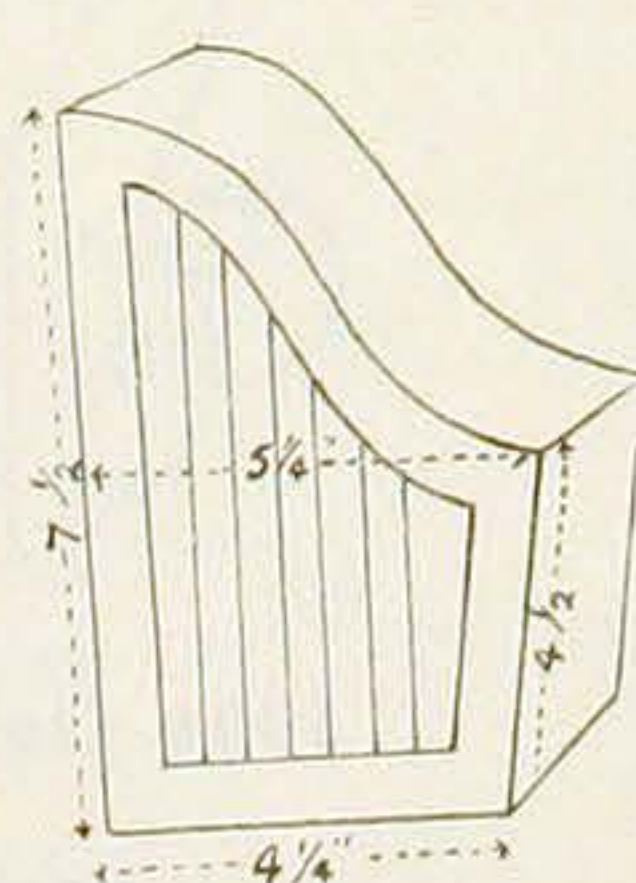
No. PGS 1112 10/- each.



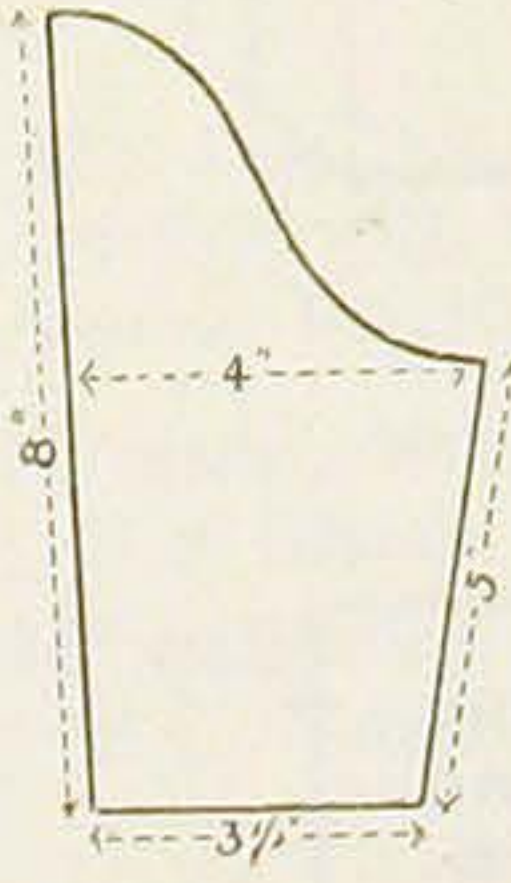
No. PG0 1096 10/6 each.

FIRECLAY CHEEKS

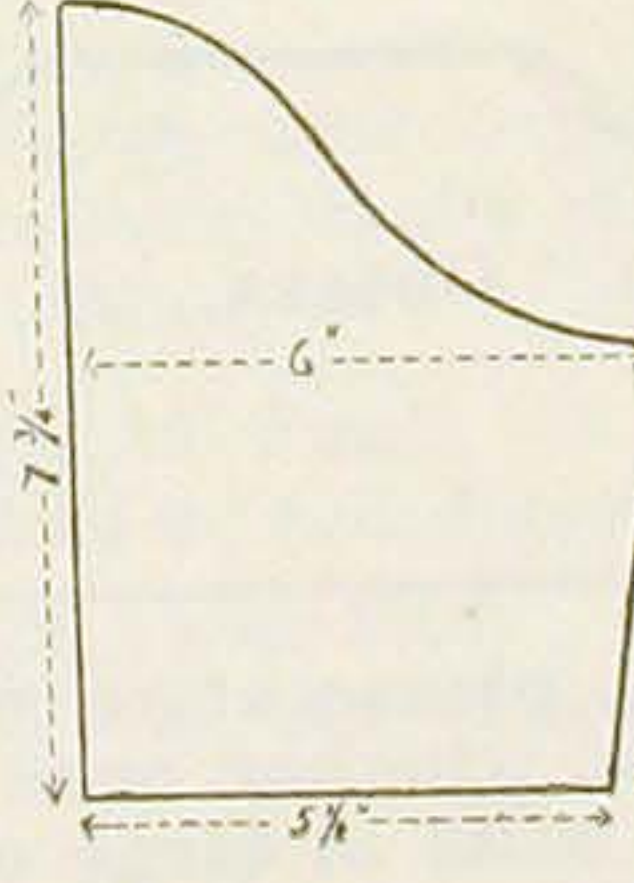
Size R3
Front View.



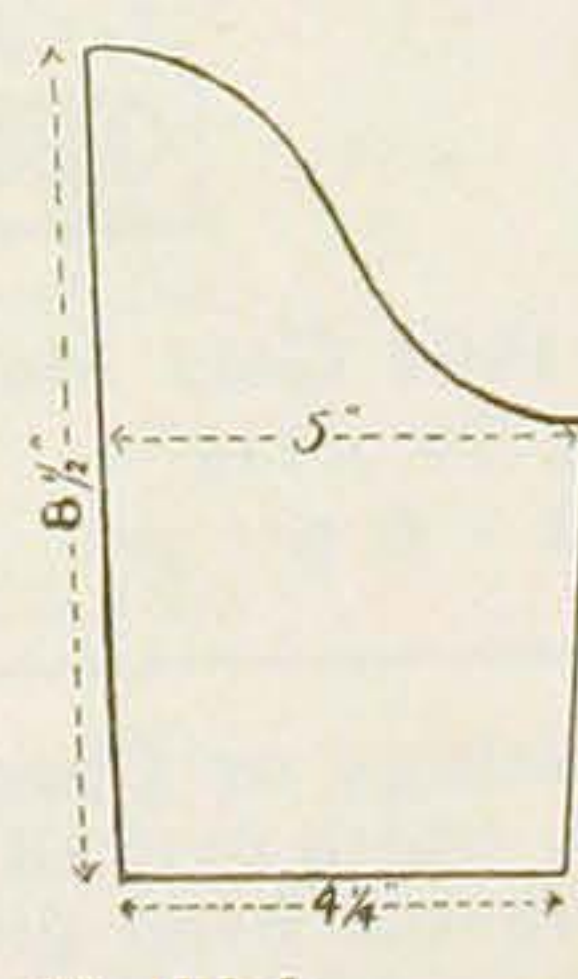
Size R3
Back View.



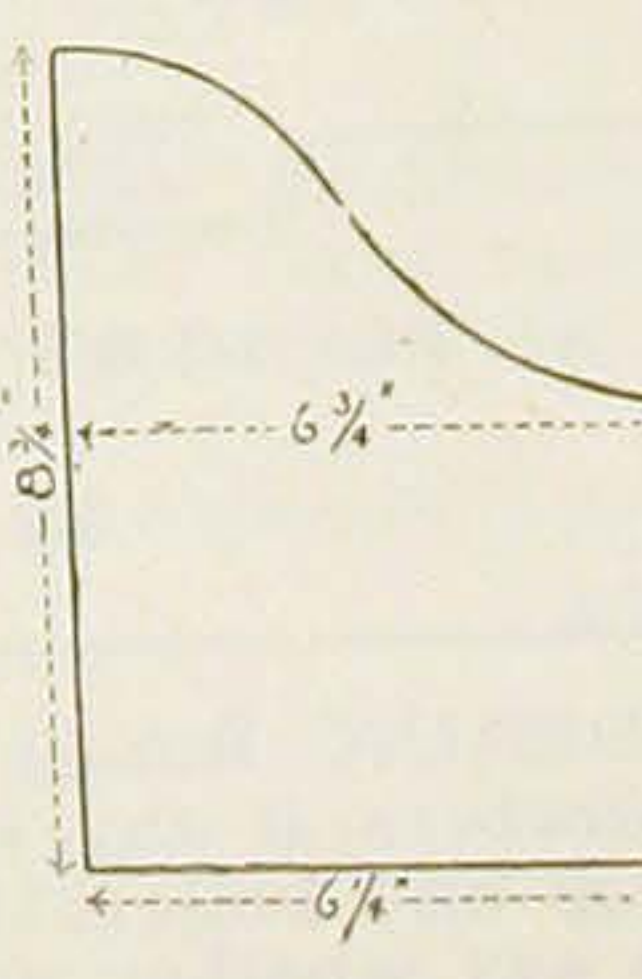
Size R4
Front View.



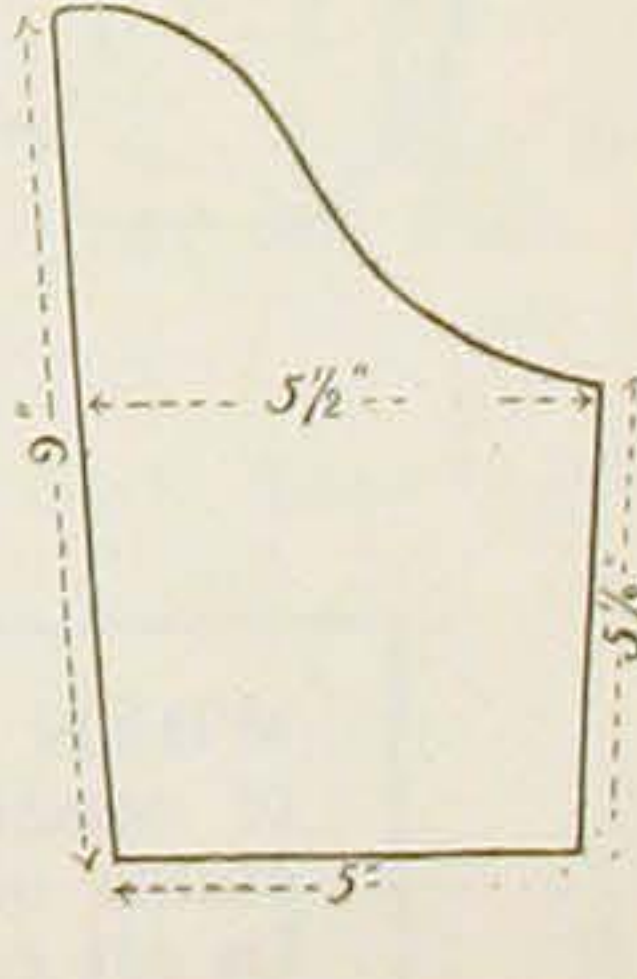
Size R4
Back View.



Size R5
Front View.



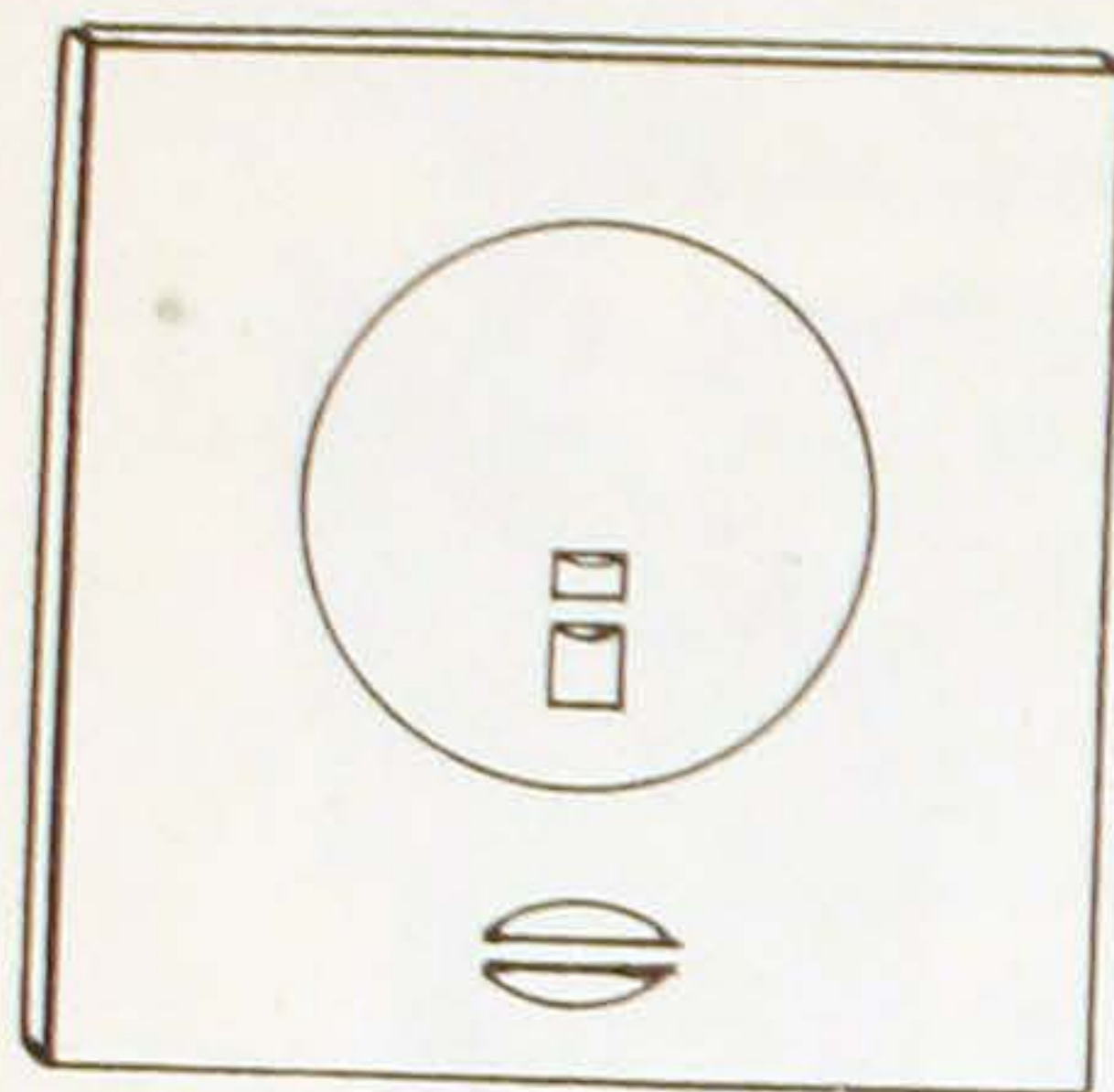
Size R5
Back View.



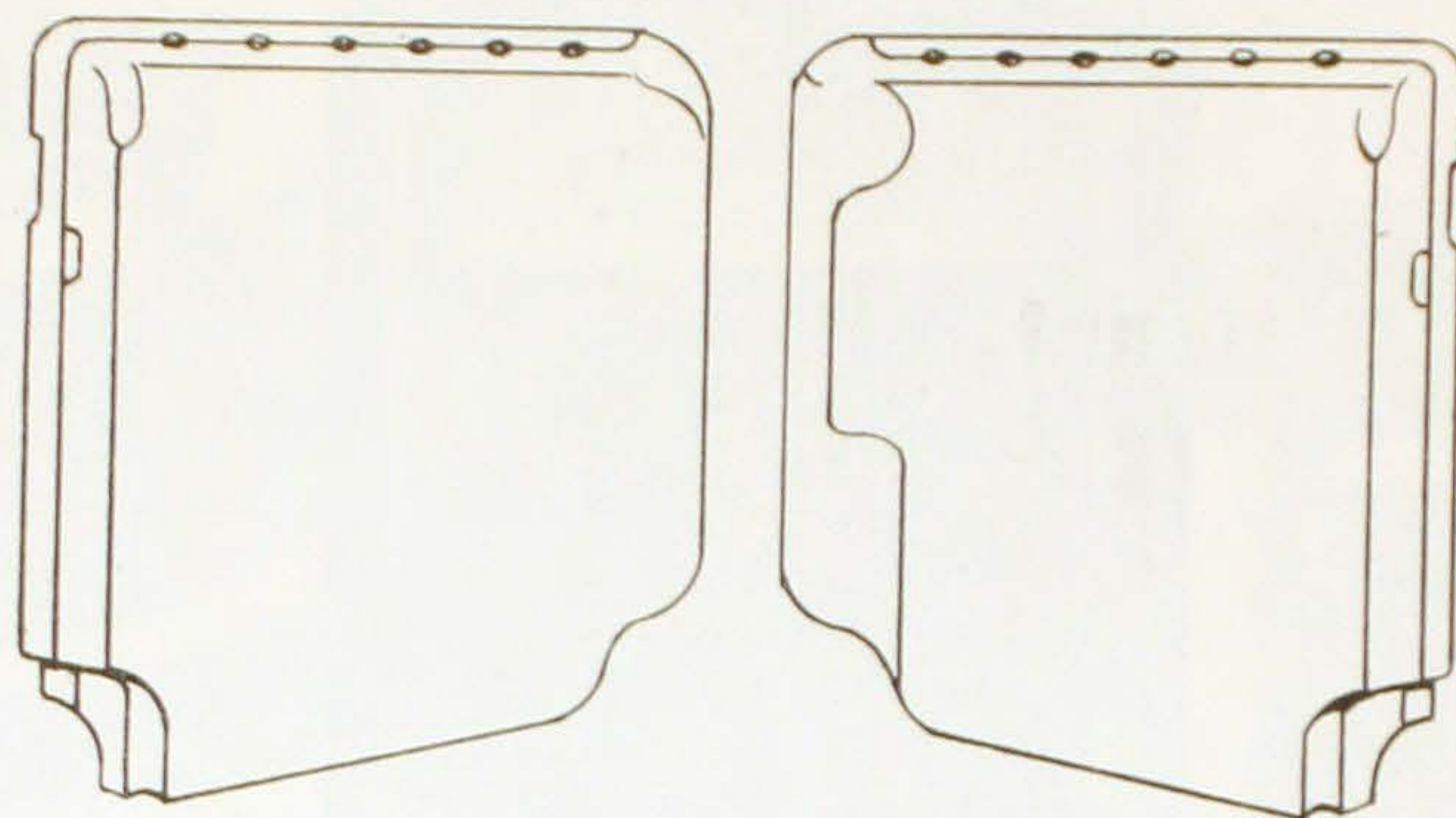
All 2" thick.
No. PGS 574 Fireclay Cheeks. Sizes R3, R4 and R5 ... 1/9 per pair.

WHEN ORDERING Range Castings or Cheeks, please state name of range, numbers, if any, size, width overall and whether Oven and Sham or Oven and Boiler. If Double Oven give Hand of Large Oven. In all cases say whether Plain or Lifting Fire.

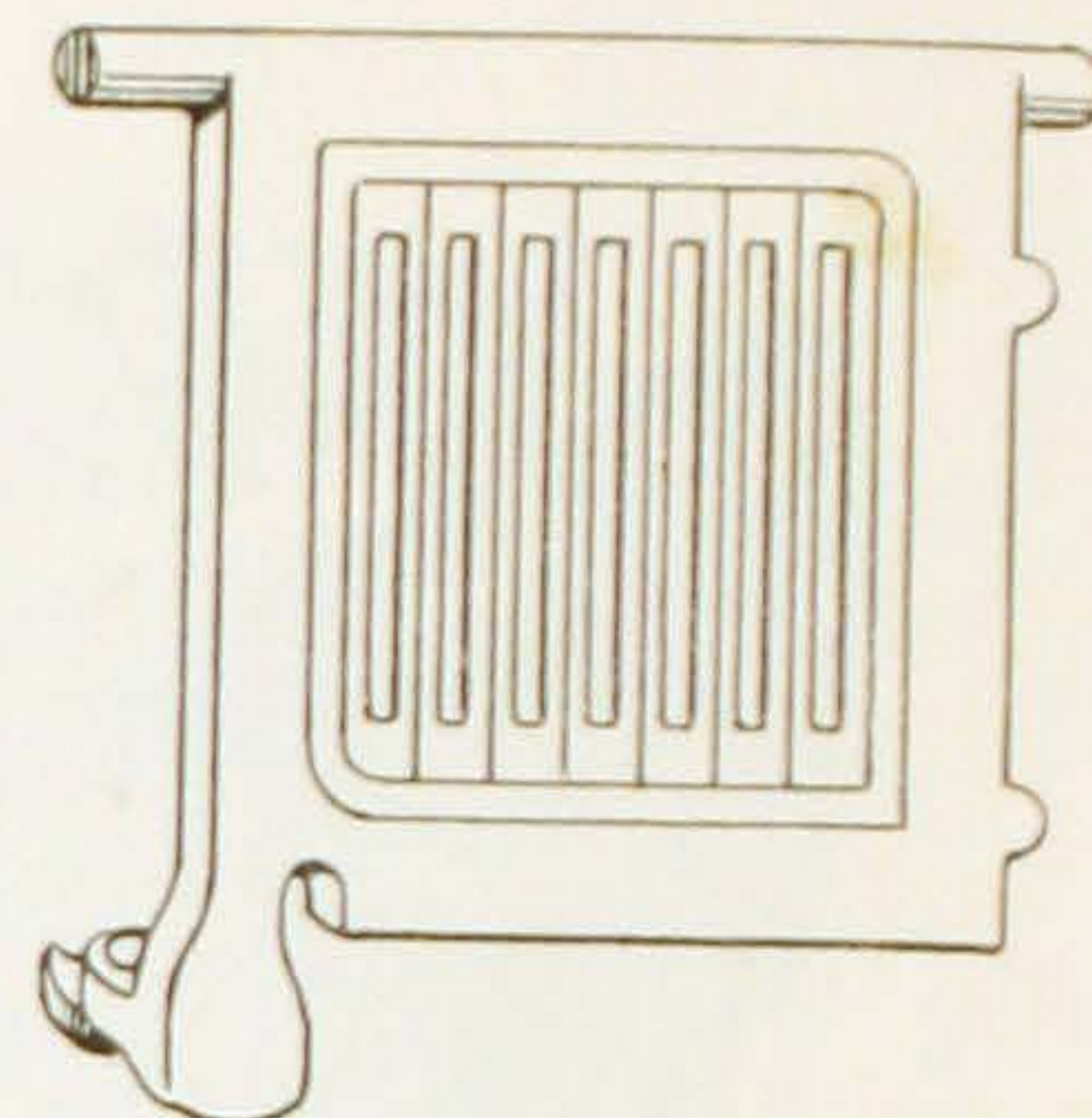
Iron Range Cheeks, Bottom Grates, etc.



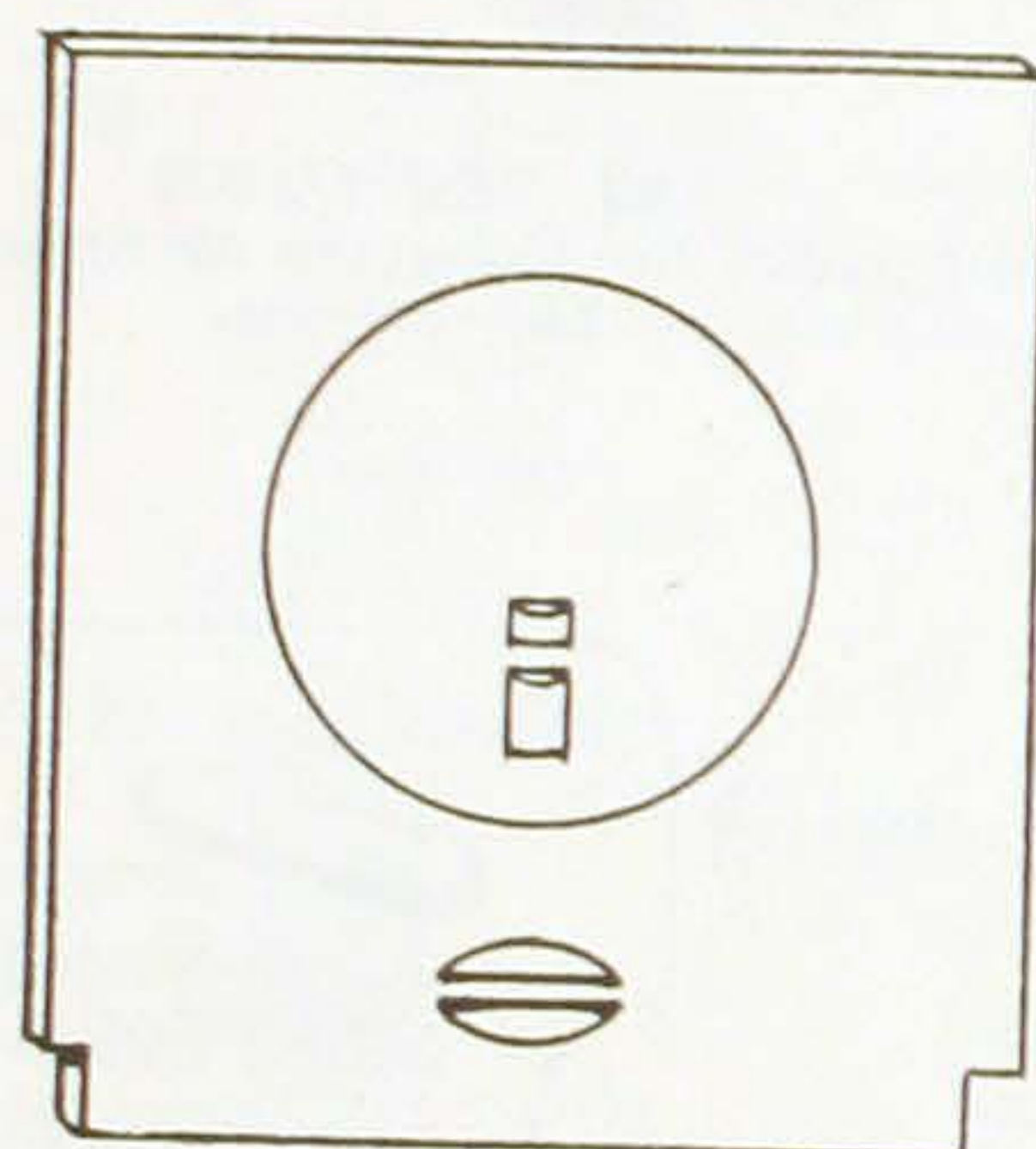
No. PGS 1103
"Premier" Panel and Cover.
Panel and
Cover for ... 9" 11" 14" Range.
11/2 14/10 20/4 each.



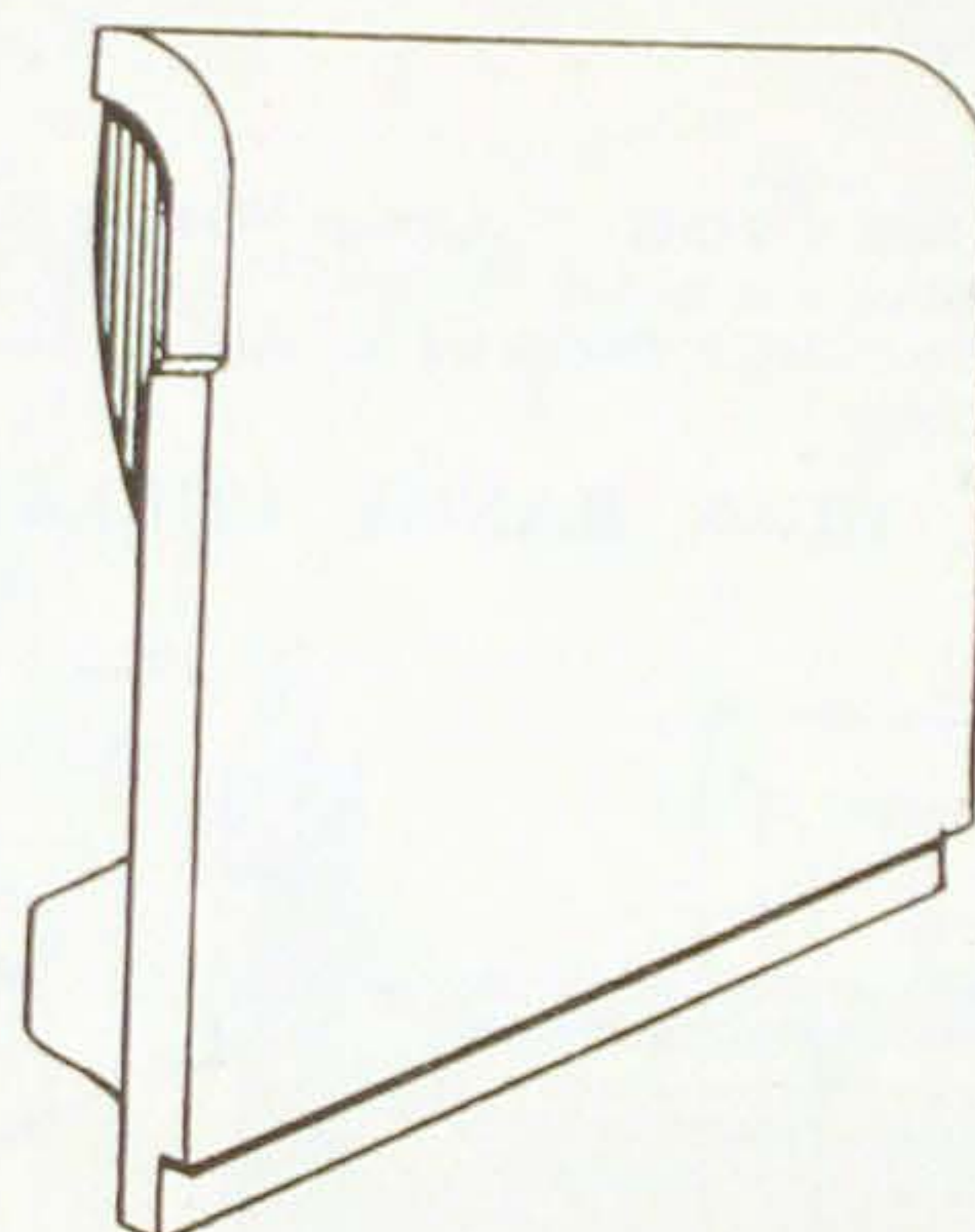
No. PGS 1104
"Premier" Cheeks.
Size, 10" wide x 11" x 6 1/2" long.
£2 4 6 per pair.



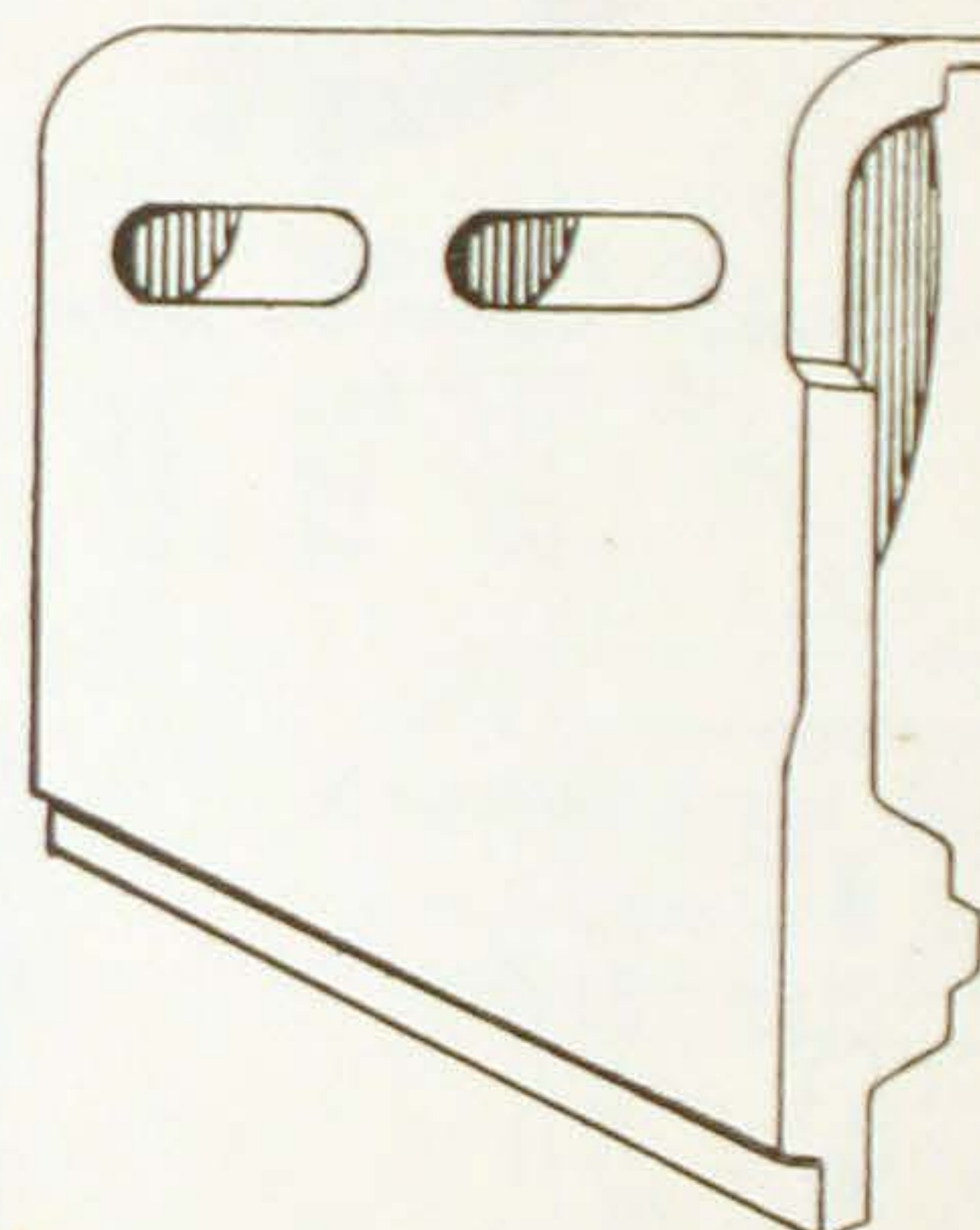
No. PGS 1105
"Premier" Bottom Grating
and Frame.
9" 11" 14"
Inner Grating 8/4 9/4 11/2 each.
Frame ... 8/4 9/4 11/2 "



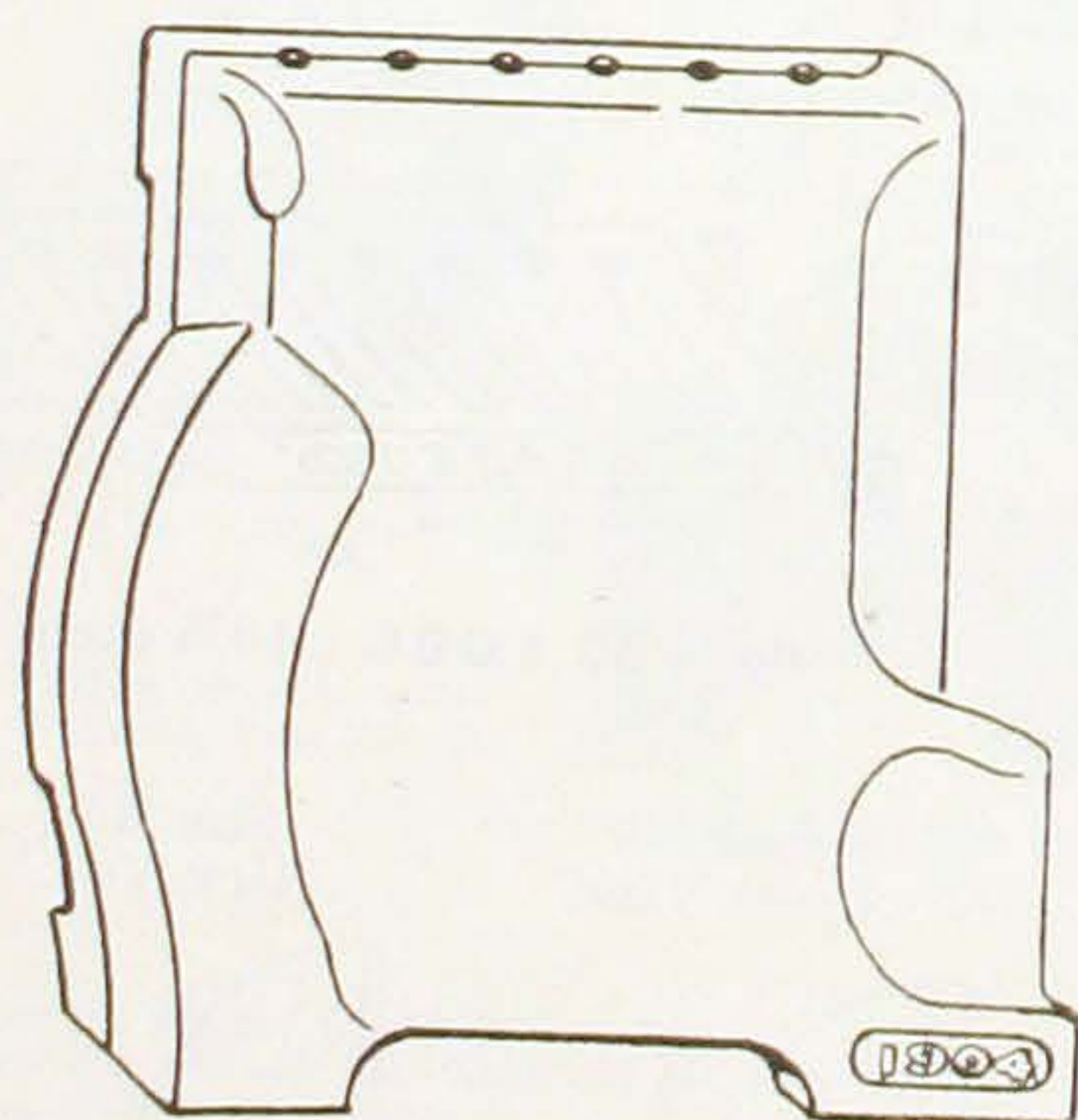
No. PGS 1106
"Gold Medal" Panel and Cover.



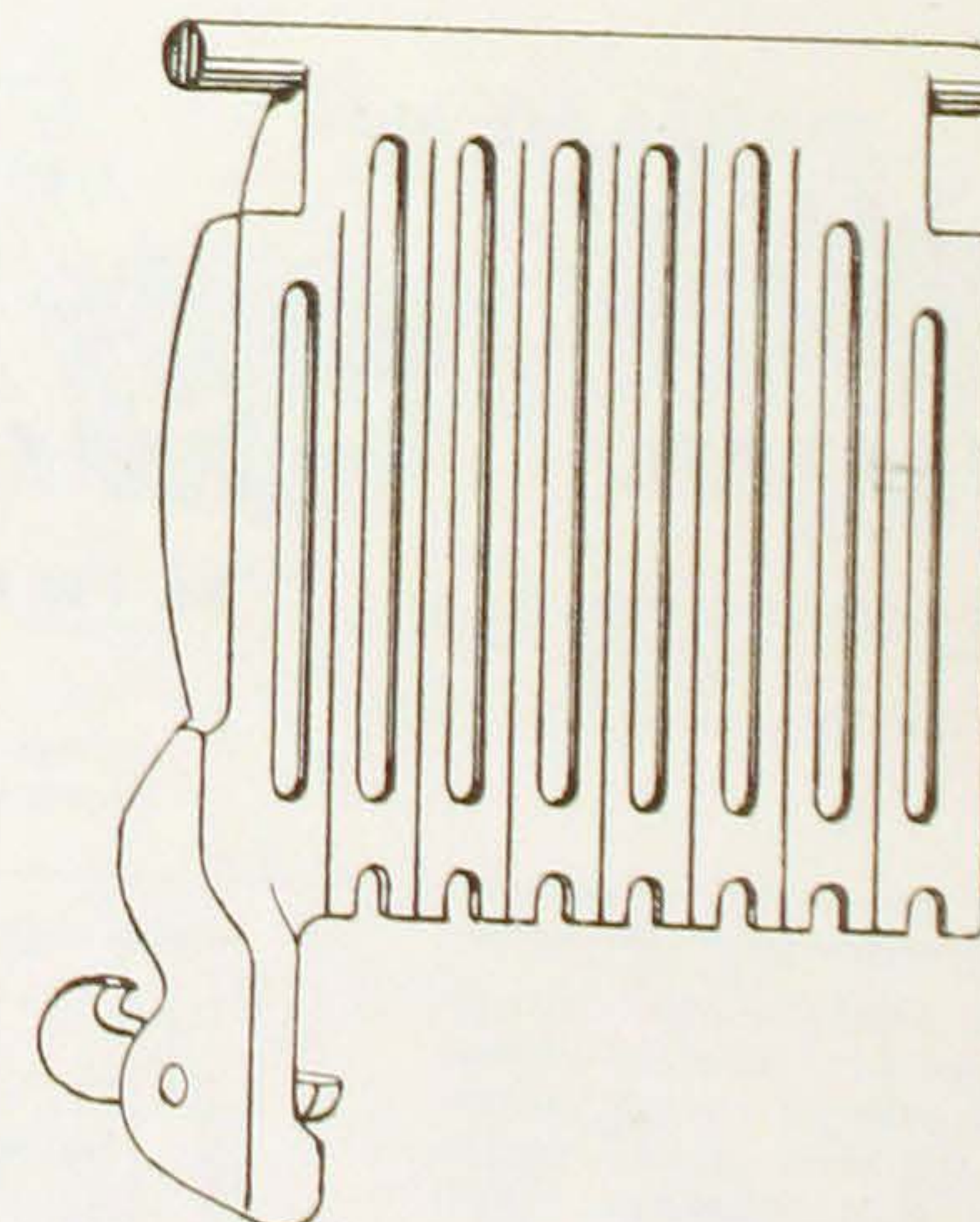
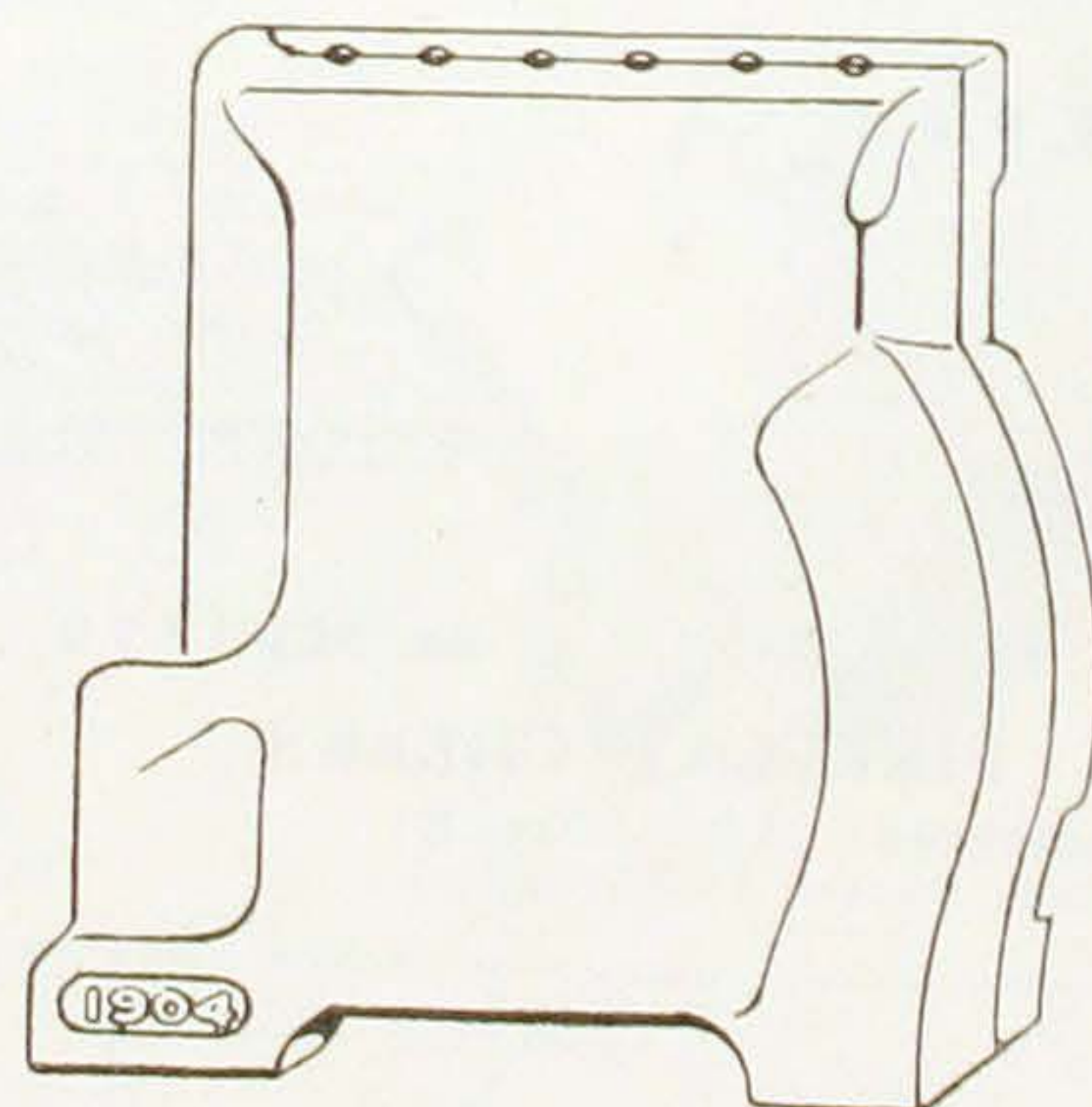
No. PGS 1109
"Forward" Panel and Cover.
Panel and
Cover for 9" 11" 14" Range.
11/2 14/10 20/4 each.



No. PGS 1113
"Forward" Cheeks.
Size, 9 1/2" x 12"
18/6 each. For 4' 6" Range.
Right Hand Cheek is 16/8



No. PGS 1107 "1904 Gold Medal" Cheeks.
Size, 10" x 11 1/2"
£2 - 4 - 6 per pair.

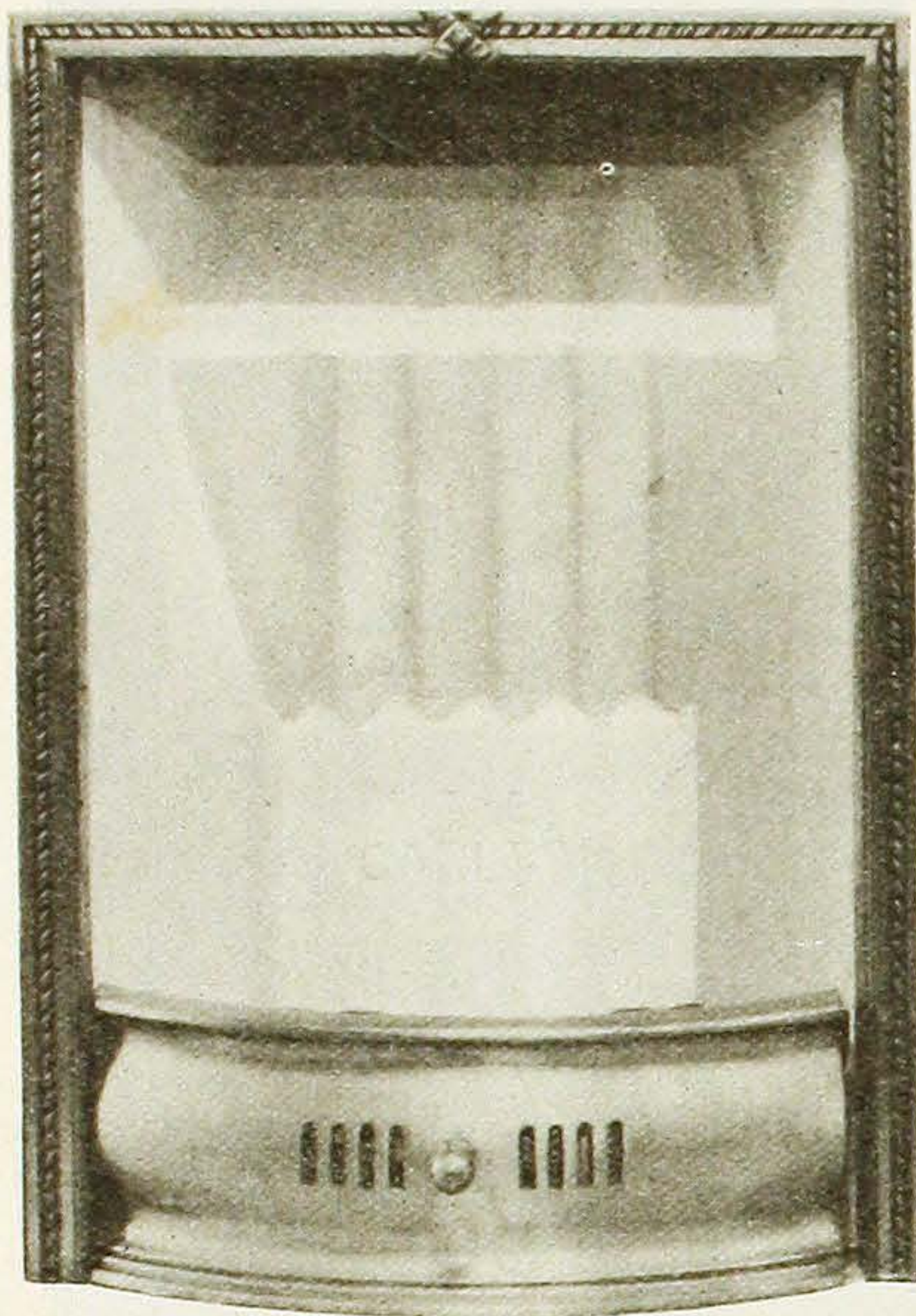


No. PGS 1108
"1904 Gold Medal" Bottom Grating.
No. PGS 1110
"Forward" Bottom Grating.
9" 11" 14"
16/8 18/6 22/2 each.

WHEN ORDERING Range Castings or Cheeks, please state name of range, numbers, if any, size, width overall and whether oven and sham or oven and boiler. If double oven give hand of large oven. In all cases say whether plain or lifting fire.

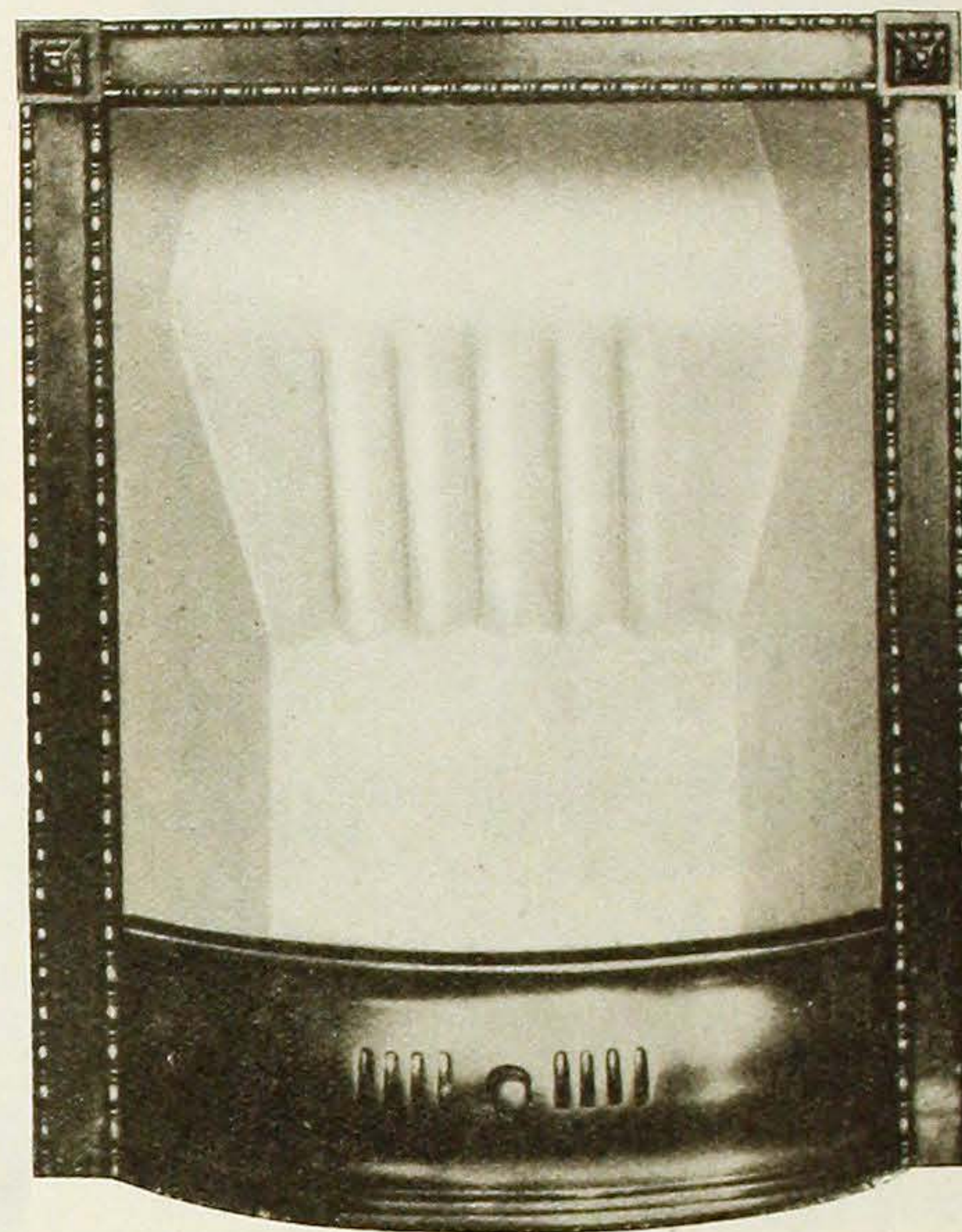
Interiors

YOU are invited to visit our extensive Fireplace Showrooms or to peruse our latest illustrated Fireplace Catalogue. Ask specially for List CF 507.



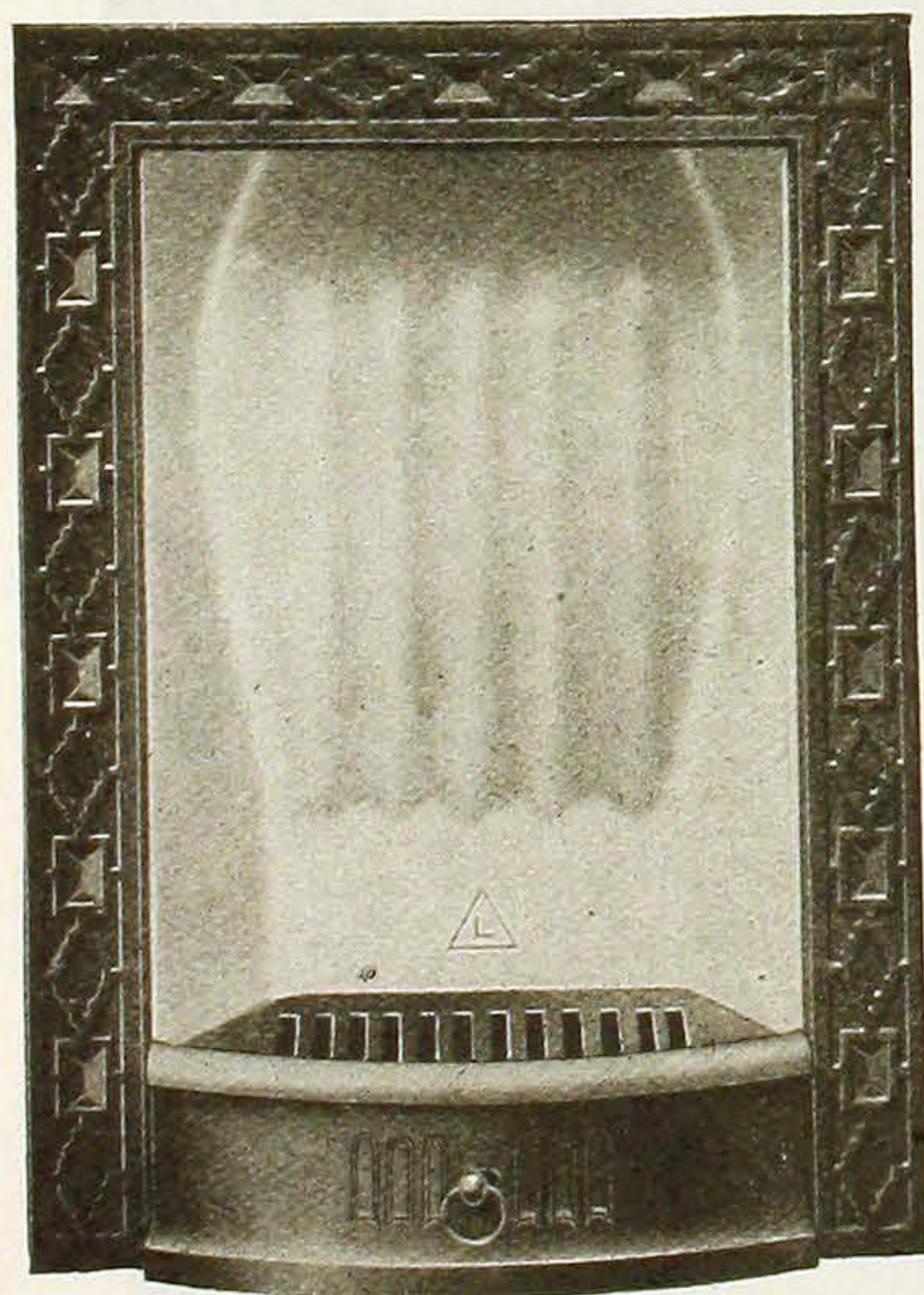
No. PGO 333—"Carlton" Interior with "Rib-boned" Frame, Solid Brick Back, Loose Stool Bottom and Fret with Ventilator.

19" wide × 27" high, 16" Fire, Armour Bright,
£4 13 6



No. PGO 334—"Carlton" Interior with "Beaded" Frame, Solid Brick Back, Loose Stool Bottom and Fret with Ventilator.

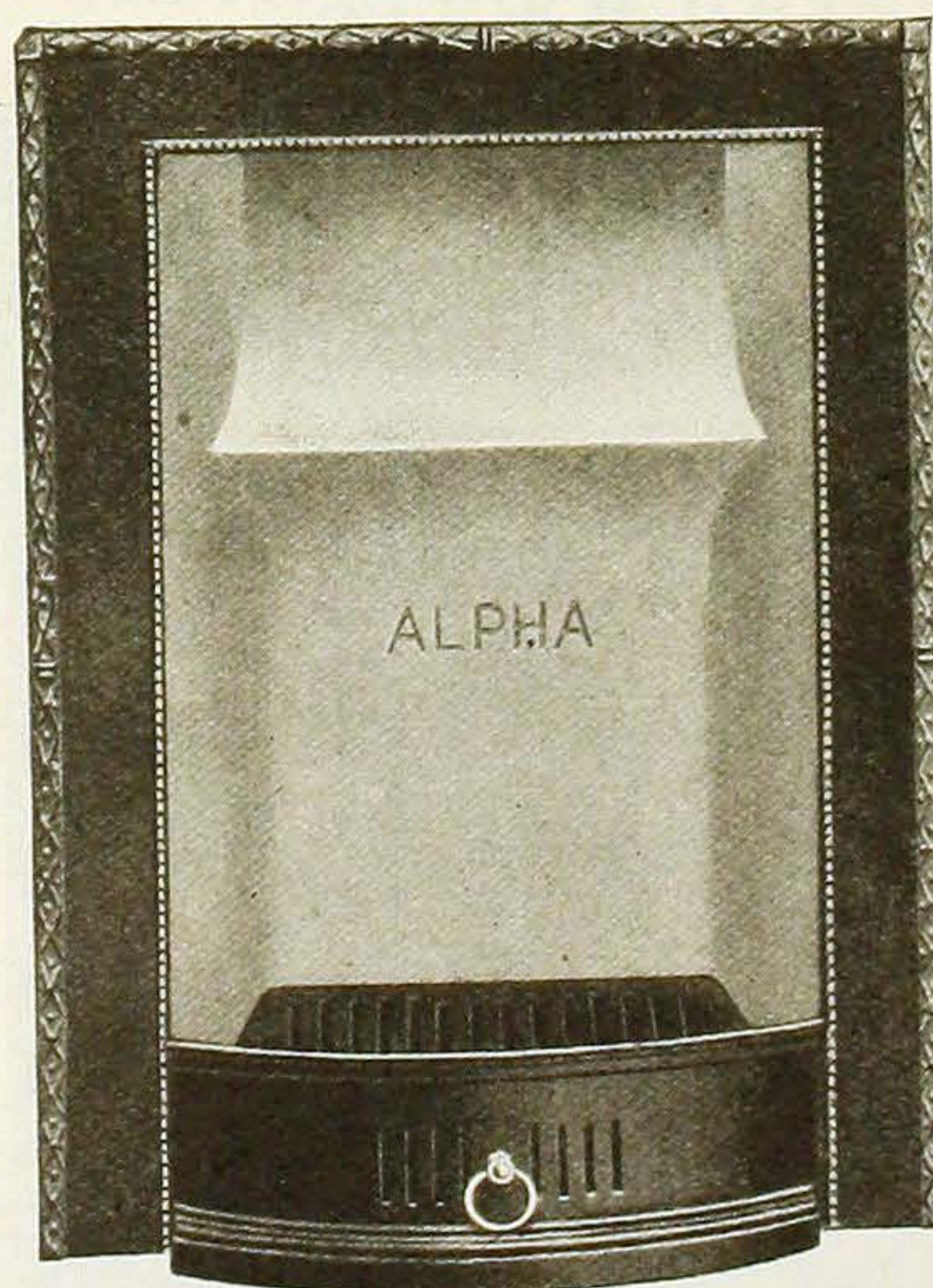
22" wide × 27" high, 18" Fire, Armour Bright,
£5 10 6



No. PGQ 335—"Lumina" Interior

With Jacobean Frame, Solid Log, "L" Brick, Loose Stool Bottom, Fret with Ventilator. Made in one finish, Armour Bright and Black Relief.

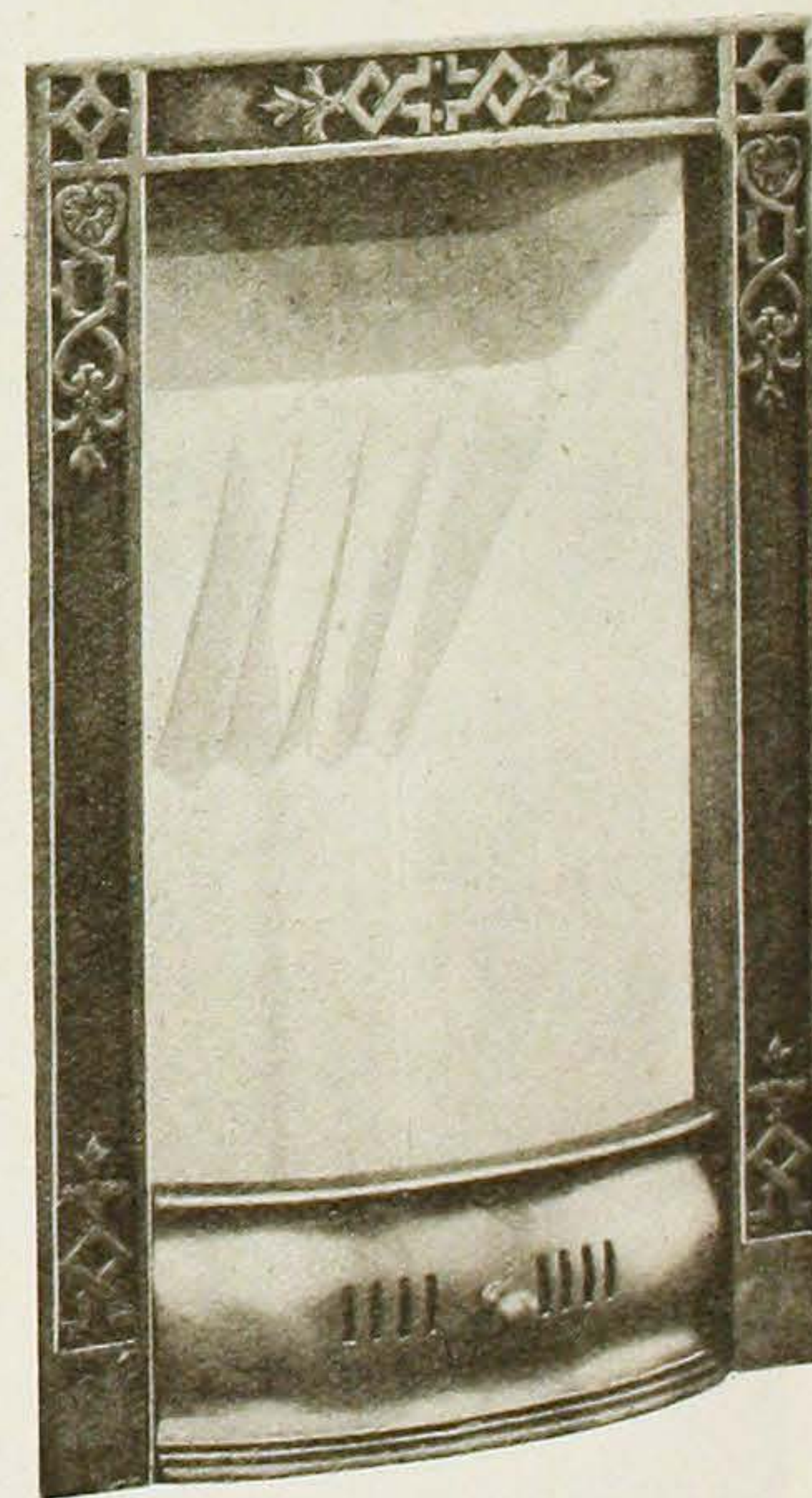
22" wide × 30" high, 16" Fire, £2 14 6
24" wide × 30" high, 18" Fire, £2 18 0



No. PGQ 336—"Alpha" Interior.

Solid Log Brick, Loose Stool Bottom, Grate and Fret with Ventilator. Berlin Blacked and Armour Bright Finishes.

22" wide × 30" high, 16" Fire :
B.B. Finish, £2 14 6 ; A.B. Finish, £2 18 0
24" wide × 30" high, 18 in. Fire.
B.B. Finish, £3 1 3 ; A.B. Finish, £3 4 9

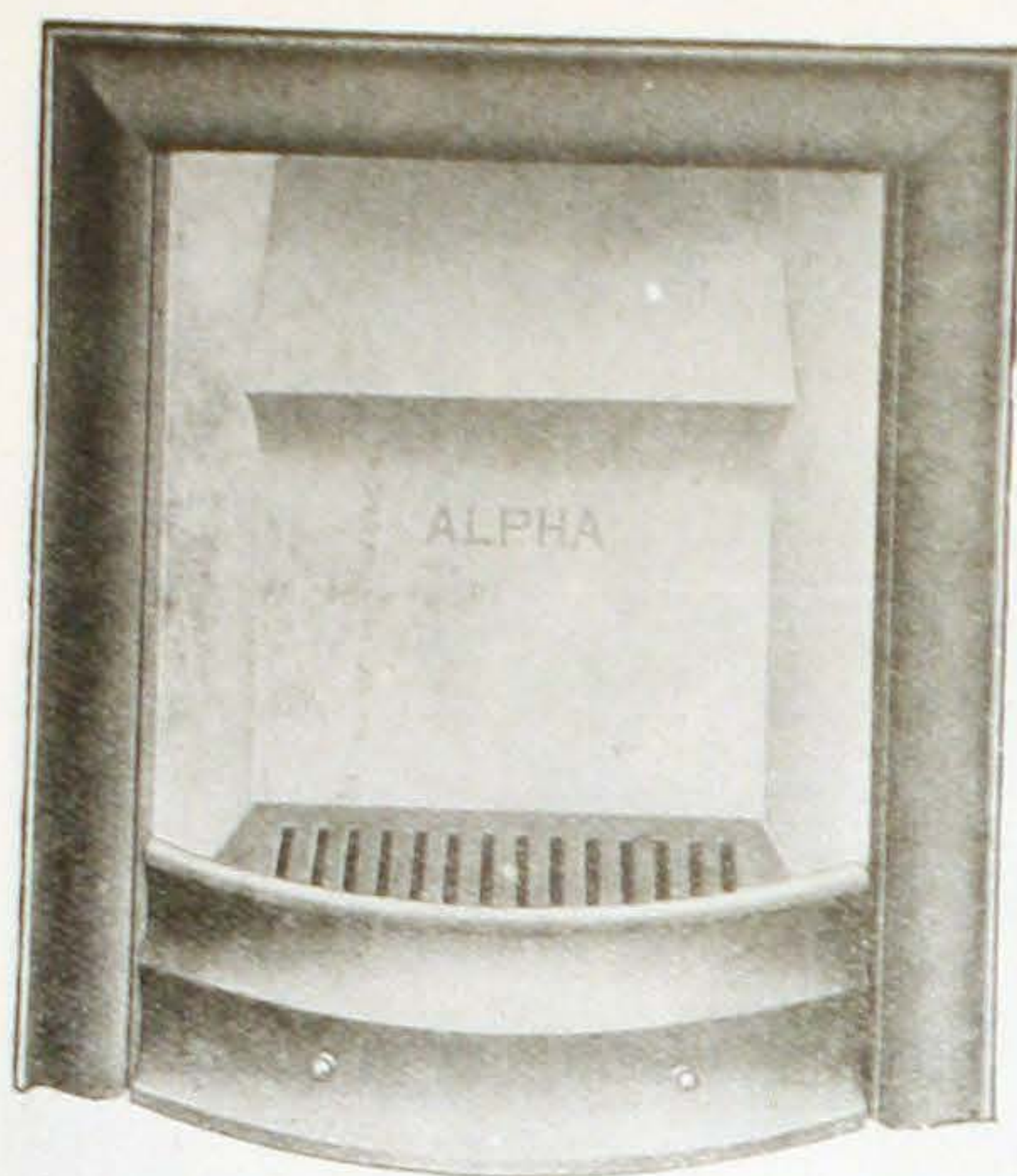


No. PGO 337—"Carlton" Interior.

With "Ornamented" Frame, Solid Brick Back, Loose Stool Bottom and Fret with Ventilator.

19" wide × 28" high, 14" Fire. Armour Bright.
£4 3 6

Interiors



No. PGS 575/1 "Alpha" Interior with Moulded Frame, G. and B.B. Finish, with Solid Brick Back, Loose Bottom and Fret.

Width.	Height.	Fire.	Price.
			£ s. d.
16" x 24"	12"	...	1 16 9
18" x 24"	14"	...	1 19 3
18" x 30"	14"	...	2 2 6
21½" x 24"	16"	...	2 7 9
21½" x 30"	16"	...	2 9 6
24" x 30"	18"	...	3 1 3

With Fixed Hood, B.B. Finish.

18" x 30"	14"	Not	3 2 3
21½" x 30"	16"	Stocked.	3 6 6

Armour Bright Finish, 3/6 extra.

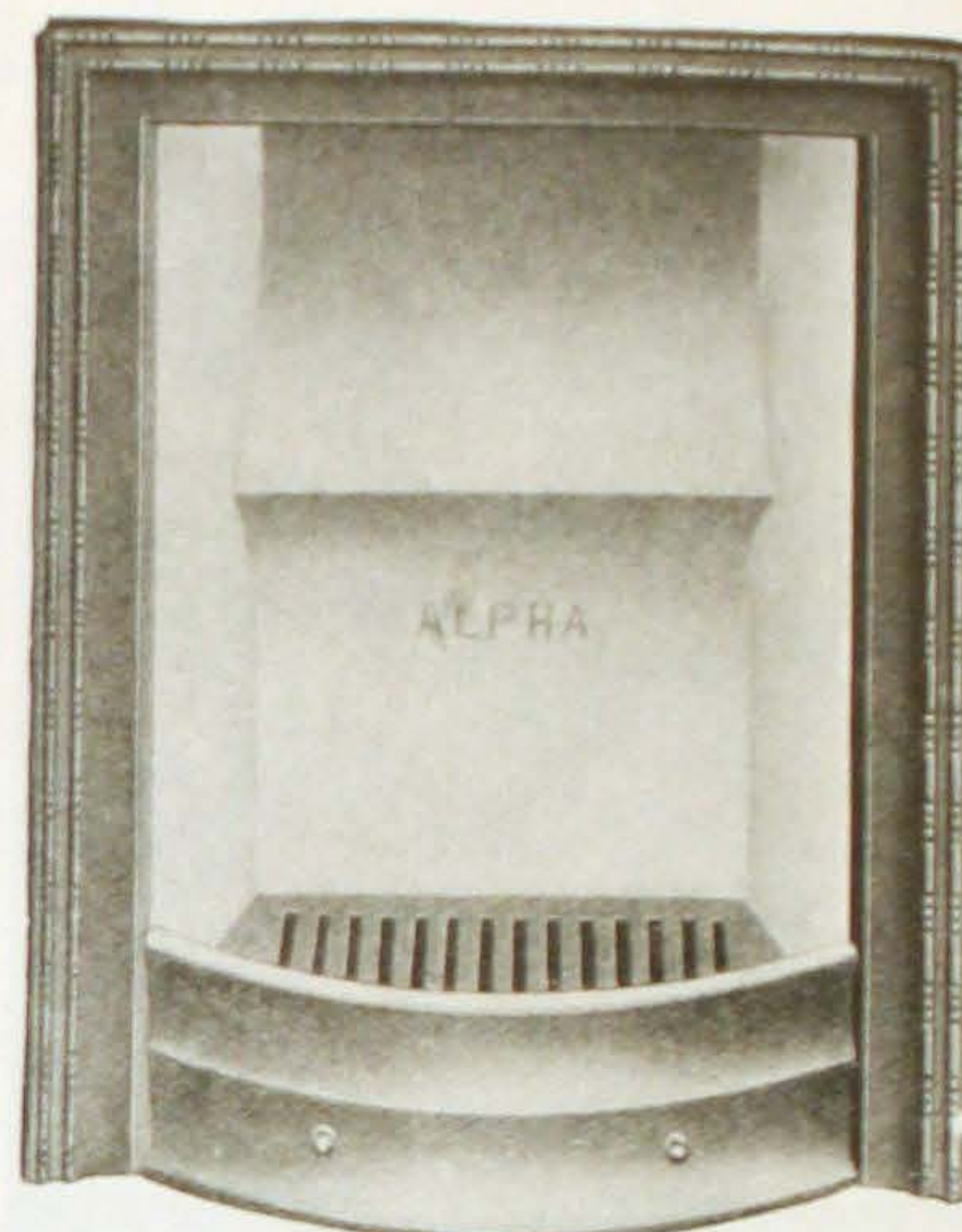
Tables to suit, B.B., 12/- extra. A.B. 12/9 extra.



No. PGS 491/1 "Dwarf" Interior with "Stratford" Fire, Adjustable Canopy, Sectional Brick Back, Ground and Berlin Blacked Finish or Egg Shell Black Finish same price.

Width.	Height.	Fire.	Price.
			£ s. d.
19" x 30"	16"	...	2 18 0
21" x 30"	16"	...	3 0 0

Brass or Copper Canopy, 15/6 extra.

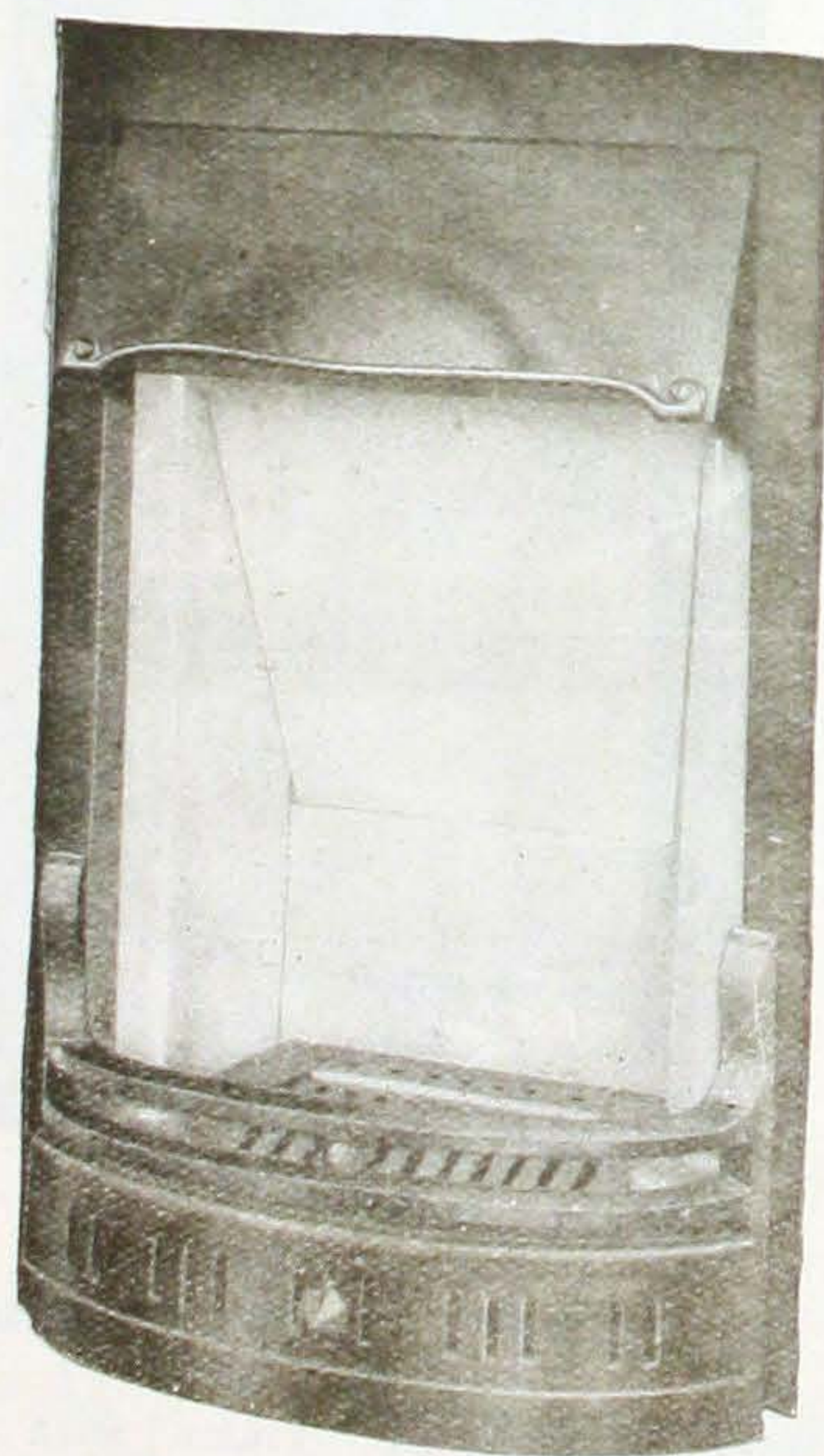


No. PGQ 338 "Alpha" Interior with "Dot and Dash" Pattern Frame, Ground and Berlin Blacked Finish. Solid Brick, Berlin Blacked Fret and Loose Bottom.

Width.	Height.	Fire.	Price.
			£ s. d.
18" x 27"	14"	...	2 4 3
21" x 27"	16"	...	2 16 3
24" x 27"	18"	...	3 1 3

Armour Bright Finish, 3/6 extra.

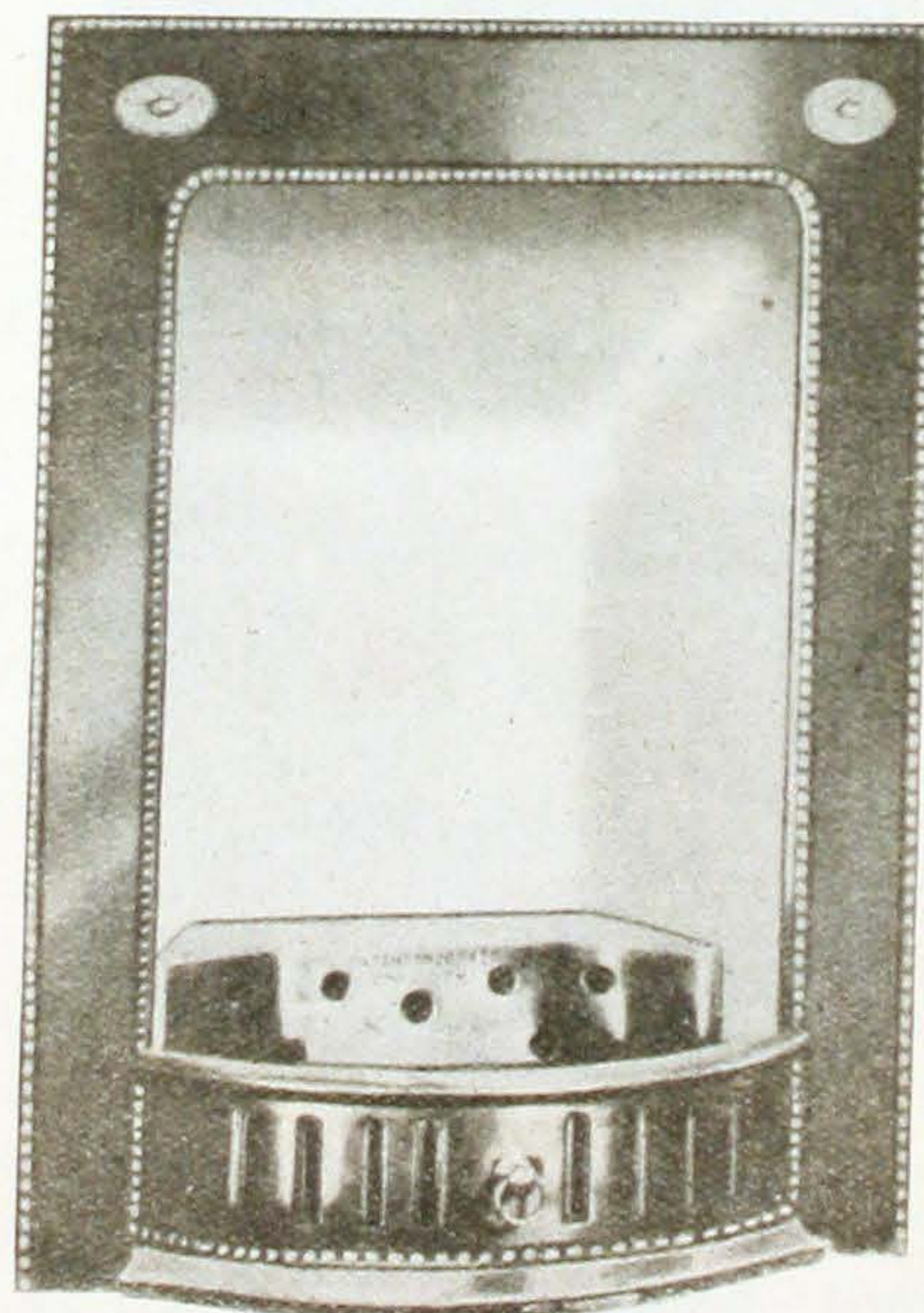
Tables to suit, B.B., 12/- extra. A.B., 12/9 extra.



No. PGS 487/1 "Dwarf" Interior, Adjustable Canopy, Sectional Brick Back, Semi-Barless Fire, Ground or Berlin Blacked Finish or Egg-Shell Blacked Finish, same price.

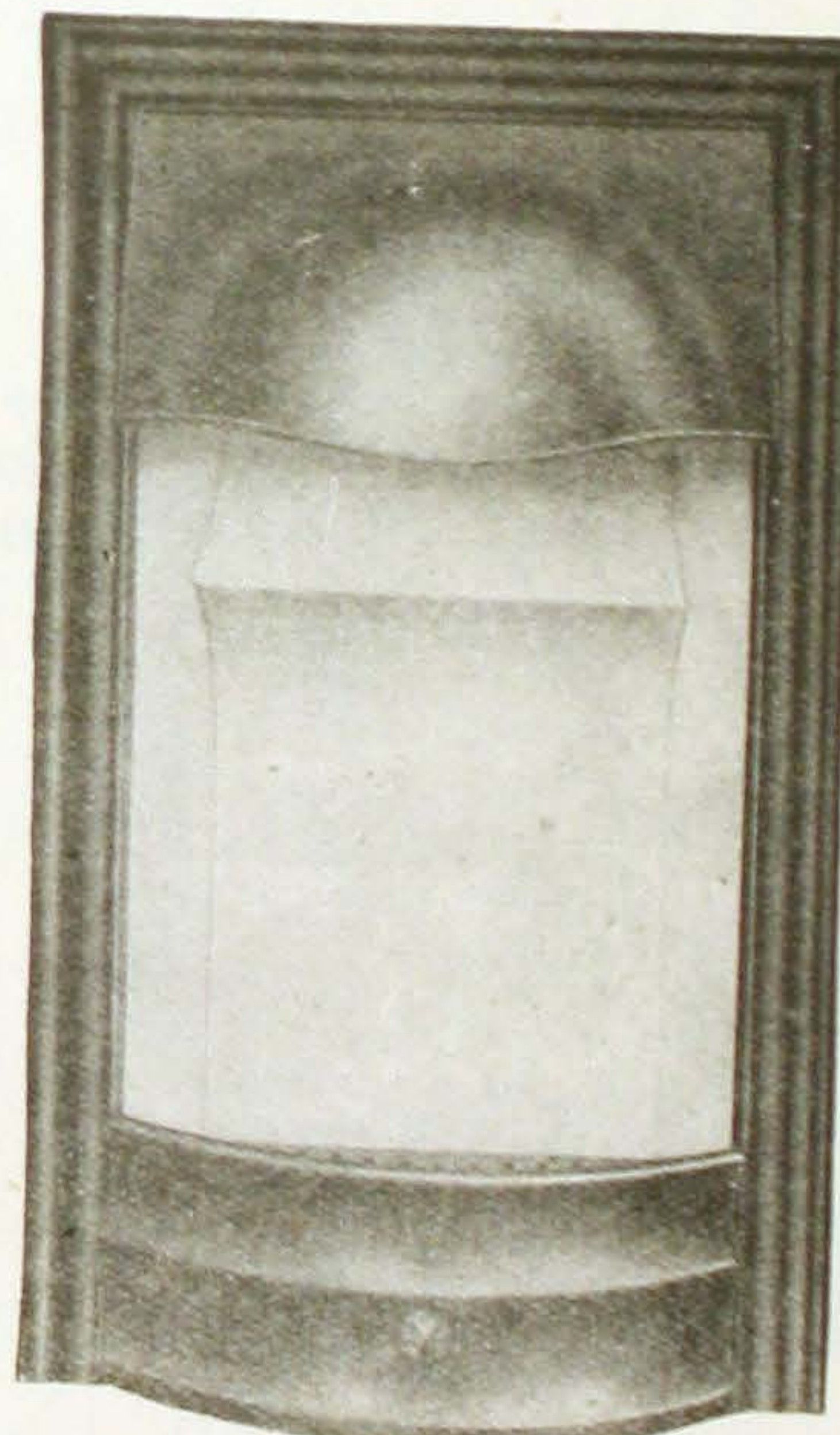
Width.	Height.	Fire.	Price.
			£ s. d.
19" x 30"	16"	...	2 9 6
21" x 30"	16"	...	2 12 0

Brass or Copper Canopy, 15/6 extra.



No. PGQ 342 "Dwarf" Interior, "Adam" design with Dotted Border Frame, Corner enrichments, Patent Air Chamber and Slack Shelf. Fret with Ventilator. Size, 22" wide x 30" high. 16" Fire.

	£ s. d.
Ground and Best Dull Blacked	4 16 6
Armour Bright and Lacquered	5 7 4
Antique Copper and Lacquered	5 16 4



No. PGS 576/1 "Alpha" Interior with Moulded Frame, Adjustable Canopy, Solid Brick Back, Stool Bottom Grating and Loose Fret, Ground and Berlin Blacked Finish.

Width.	Height.	Fire.	Price.
			£ s. d.
18" x 30"	14"	...	2 14 6
21½" x 30"	16"	...	3 2 3
24" x 30"	18"	...	3 13 3

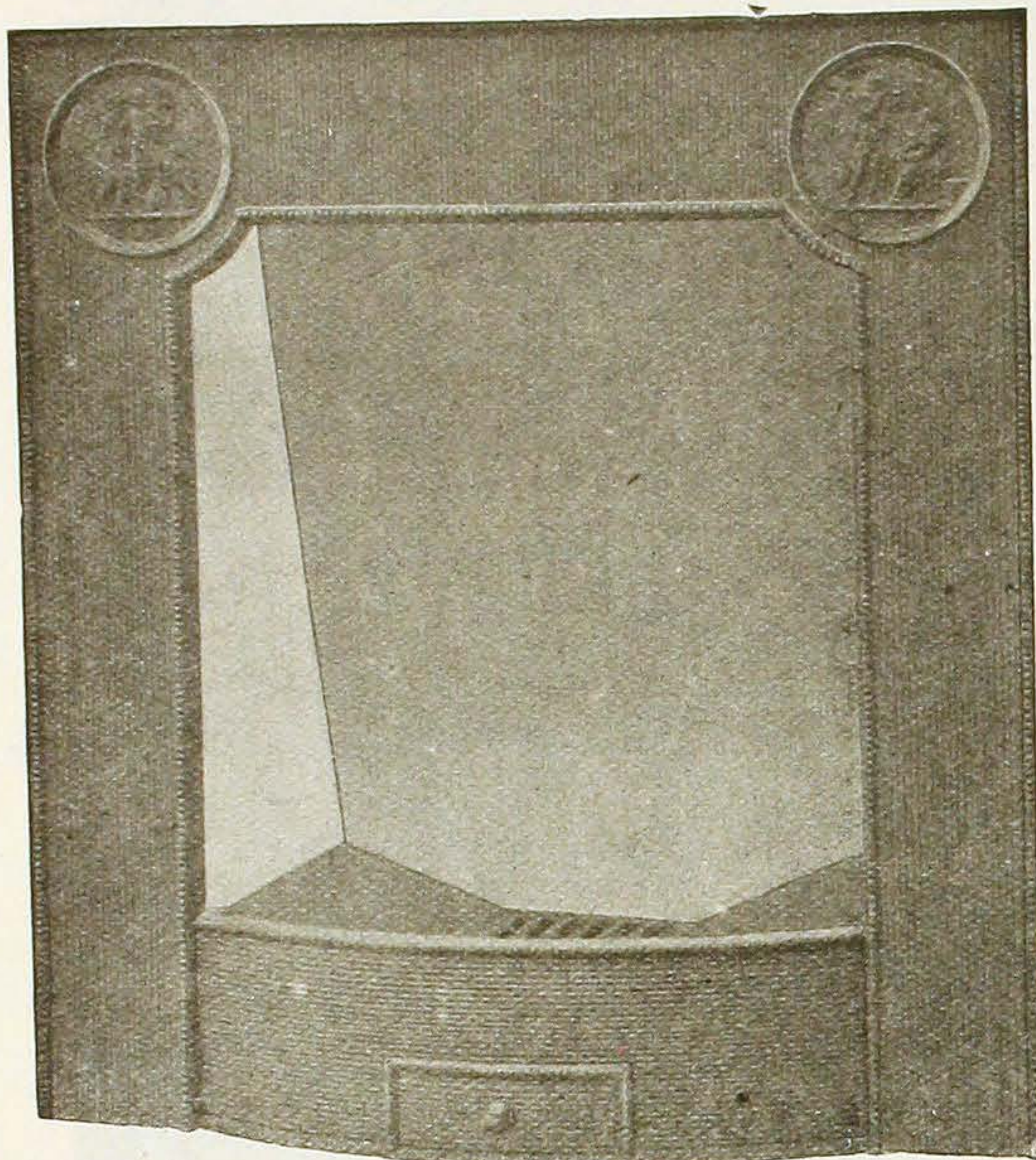
Armour Bright, 3/6 extra.

Tables to suit B.B., 12/- extra. A.B., 12/9 extra.

"B" Basis,

PGS—Stock Line ; PGQ—Quick Delivery.

The "Fire-on-the-Hearth" and "Peveril" Interiors

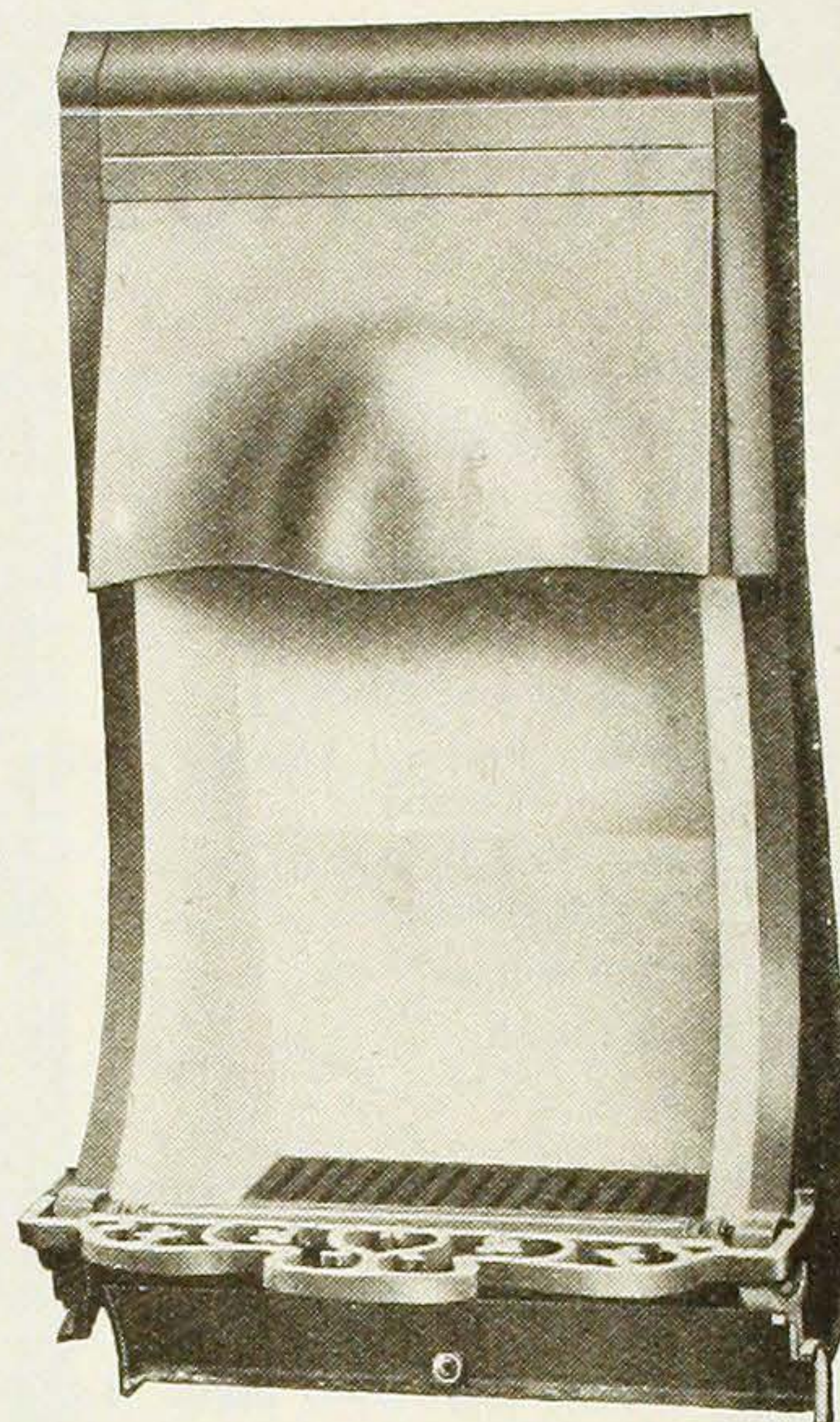


No. PGQ 510 "FIRE-ON-THE HEARTH" INTERIOR.
 Sizes overall. Black-Lead. Antique Bright. Polished Bright. Cast Brass.
 21" x 30" x 12" Fire } £8 5 0 7 0 0 8 15 0 22 9 3
 24" x 30" x 15" " }
 27" x 30" x 18" " }
 Prices apply to all sizes.

Copper or Bronze 5 per cent. extra to Cast Brass.

If fitted with Single Bar:

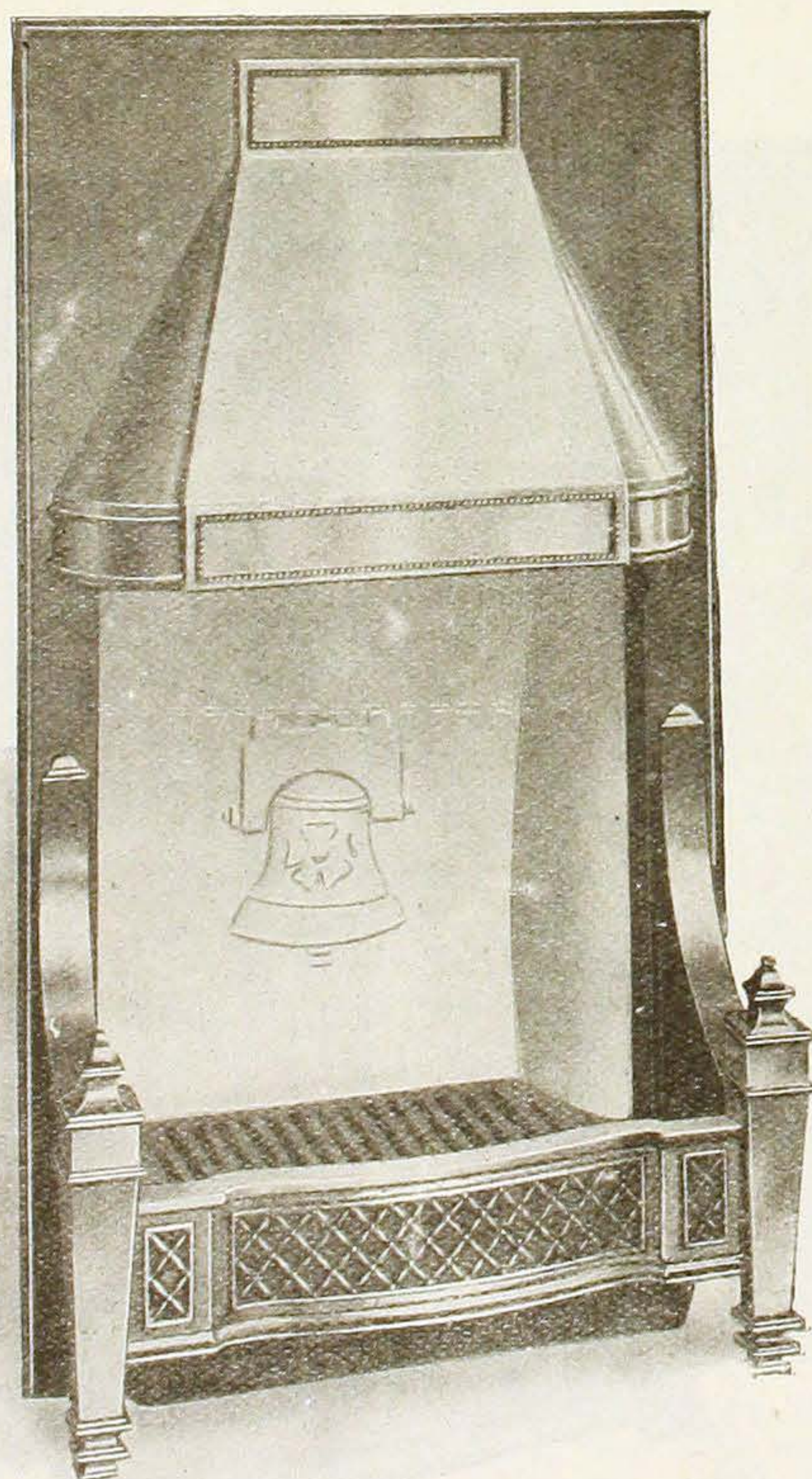
Black, 7/10; Antique Bright 9/- and Polished Bright 12/- extra.



No. PGQ 774 "PEVERIL" INTERIOR.
 Best finished in black enamel, complete with patent fuel economising and draught regulating Canopy, patent "fall-bar" table and ashes pan.
 Fire. Width. Height. Price.
 12" 17" 38" .. £8 6 4
 15" 20" 38" .. £8 6 4
 18" 23" 38" .. £8 18 8



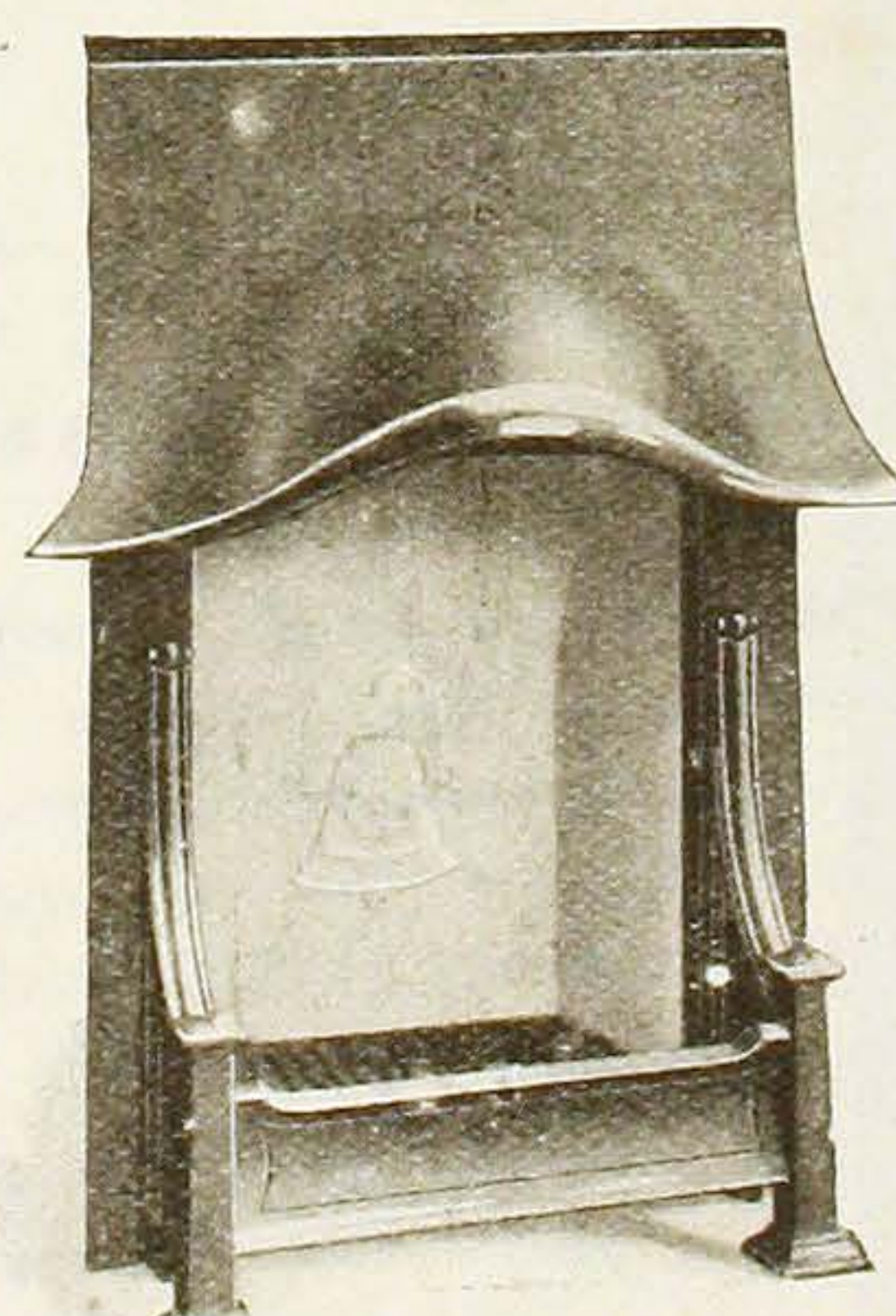
No. PGQ 588 "FIRE-ON-THE-HEARTH" INTERIOR.
 Sizes overall. Black-Lead. Antique Bright. Polished Bright. Cast Brass.
 15" x 30" x 12" Fire } £5 4 2 5 12 6 6 12 2 16 2 9
 18" x 30" x 15" " }
 21" x 30" x 18" " }
 24" x 30" x 21" " }
 Prices apply to all sizes.
 Copper or Bronze 5 per cent. extra to Cast Brass.
 If fitted with Single Bar:
 Black, 7/10; Antique Bright, 9/- and Polished Bright, 12/- extra.



No. PGQ 776
 With fixed Canopy, solid undercut Brick Back, loose bottom Grate, fret fitted with Ashes Pan.
 Size 22" wide x 38" high, 18" fire. £19 6 9

The "Bell" Interiors

NOTE.—See our "Bell" Catalogue for complete range of designs.

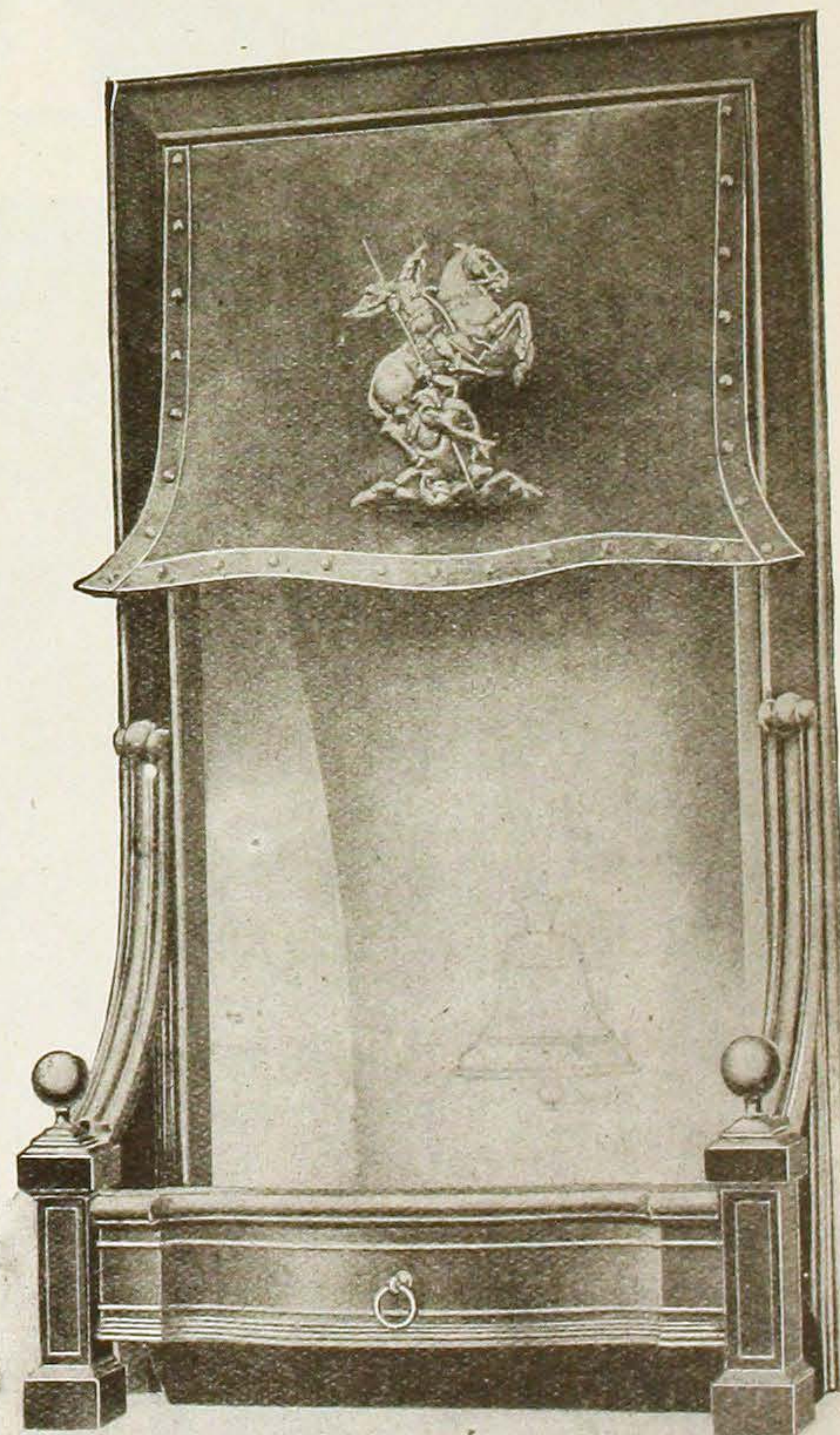


No. PGQ 519

With fixed Canopy, solid undercut, Brick Back, loose bottom Grate, fret fitted with Ashes Pan.

Size 24" wide x 38" high, 18" fire, all Armour Bright .. £16 0 6

Antique Copper or Brass Front and Canopy, with Armour Bright Standards and Ashes Pan Front .. £19 18 0



No. PGQ 777

With fixed Canopy, solid undercut Brick Back, loose bottom Grate, fret fitted with Ashes Pan. Size 22" wide x 38" high x 18" fire. All Armour Bright, with hand made "St. George and Dragon" Canopy, £24 17 3
 Armour Bright with Antique Copper Canopy, mouldings and knobs, £30 13 10
 If with plain Canopy, £9 13 6 less.

PGQ—Quick delivery; PGO—To Order only.

"B" Basis.

Interiors

No. PGO 339 "Peak" Interior with Cast Canopy, Sectional Brick Back, Fall-bar Fire, and Loose Fret.

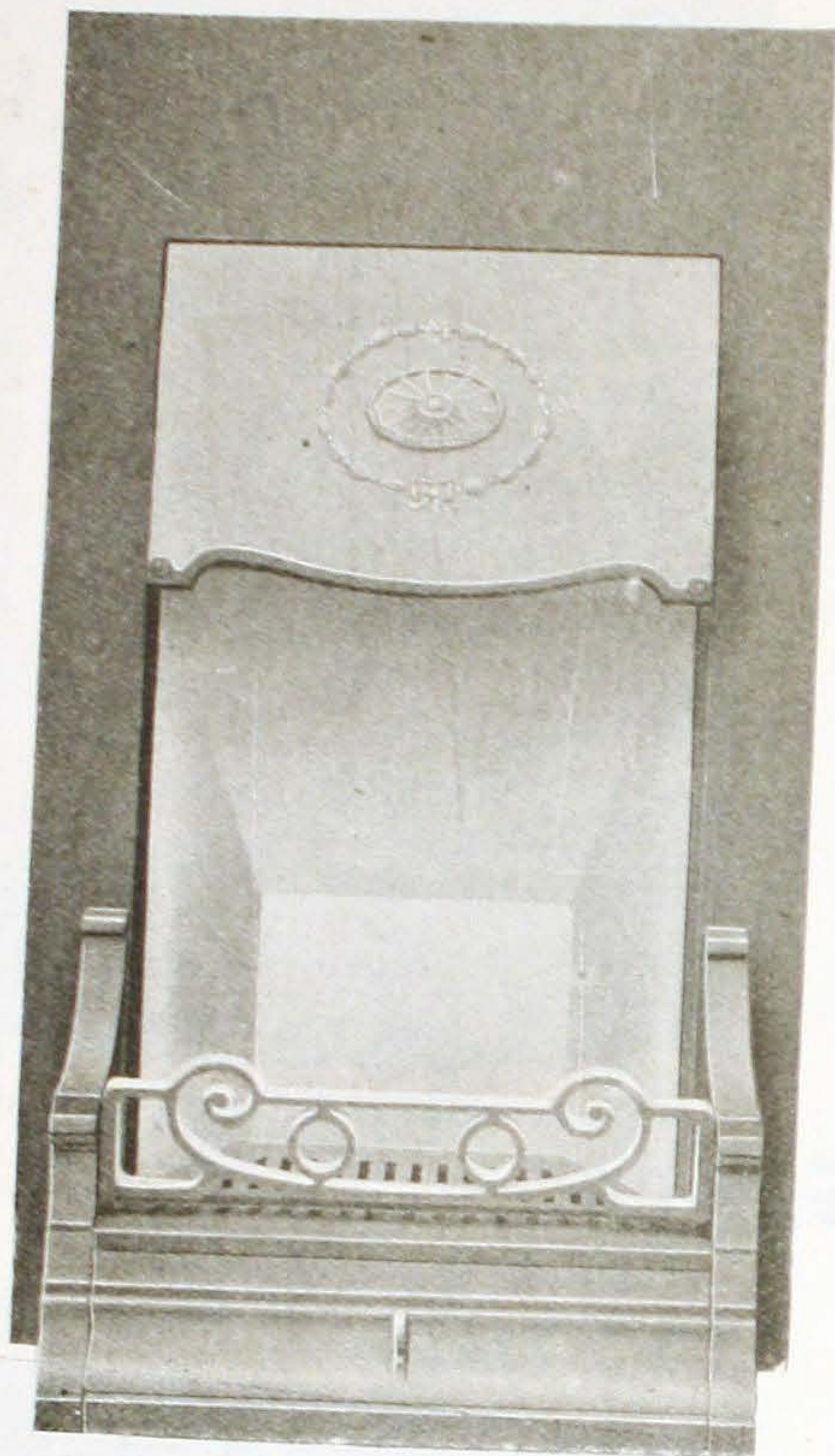
Size: 22" wide x 38" high, 16" Fire.

	£	s.	d.
Fine Cast and Blacked	2	2	0
Fourth Finish, Stoved and Stove Blacked	2	12	3
Third Finish, Ground and Berlin Blacked	2	18	6
Second Finish	3	3	0
First Finish	3	8	9

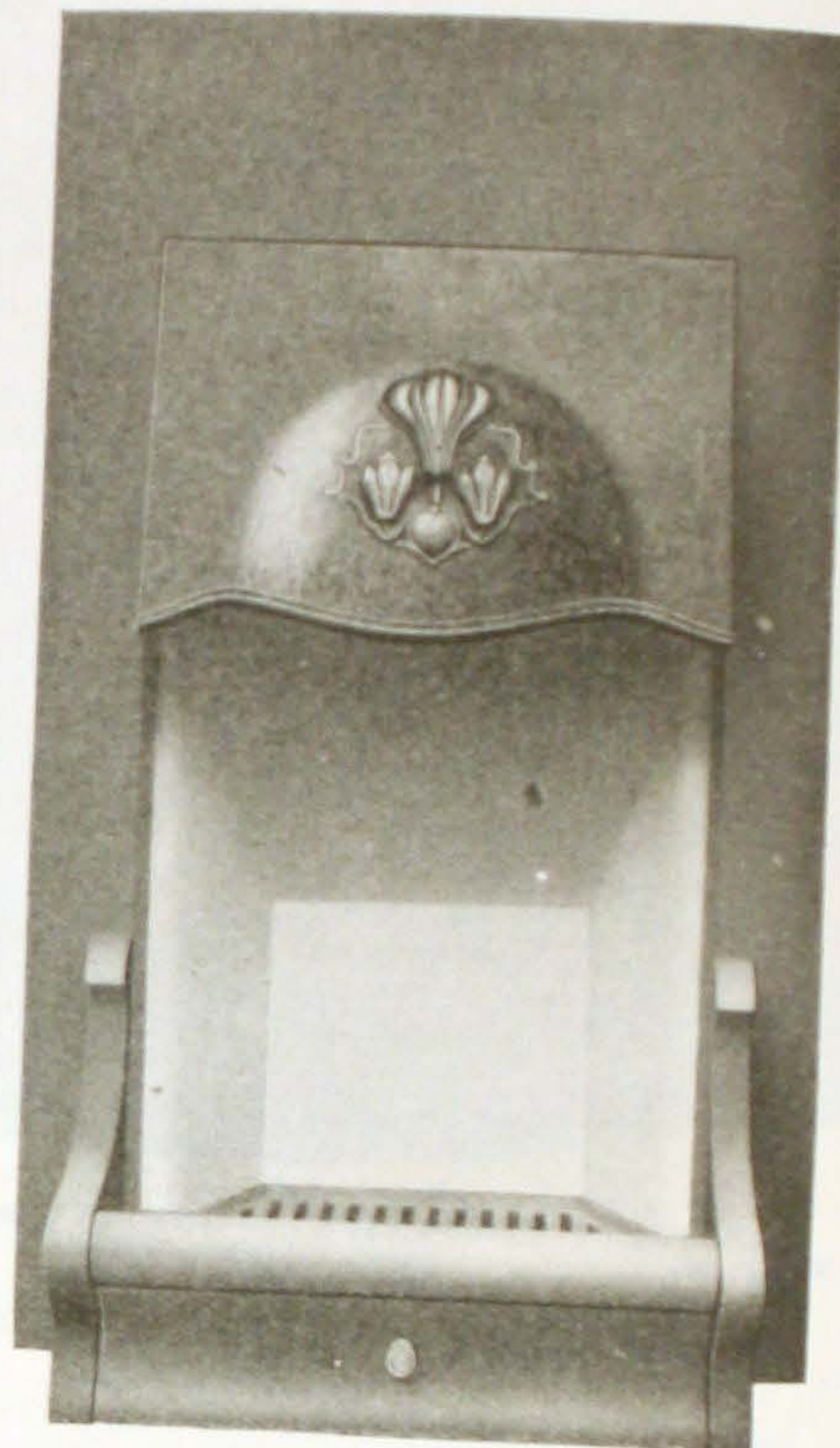
No. PGO 340 "Peak" Interior with Brass or Copper Canopy, Sectional Brick Back, Barless Fire and Loose Fret.

Size: 22" wide x 38" high, 16" Fire.

	£	s.	d.
Fine Cast and Blacked	2	16	2
Fourth Finish, Ground and B.B.	3	8	0
Third Finish	3	14	3
Second Finish	3	18	9
First Finish	4	4	6



No. PGO 339



No. PGO 340

No. PGS 341 "Peak" Interior with "Stratford" Fire, Sectional or Solid Brick Back, Ground and Berlin Blacked with Black Canopy, or Egg-Shell Black Finish at same price.

Width.	Height.	Fire.	Price.
20" x 38"	16"	...	£3 1 3
22" x 38"	16"	...	£3 3 9

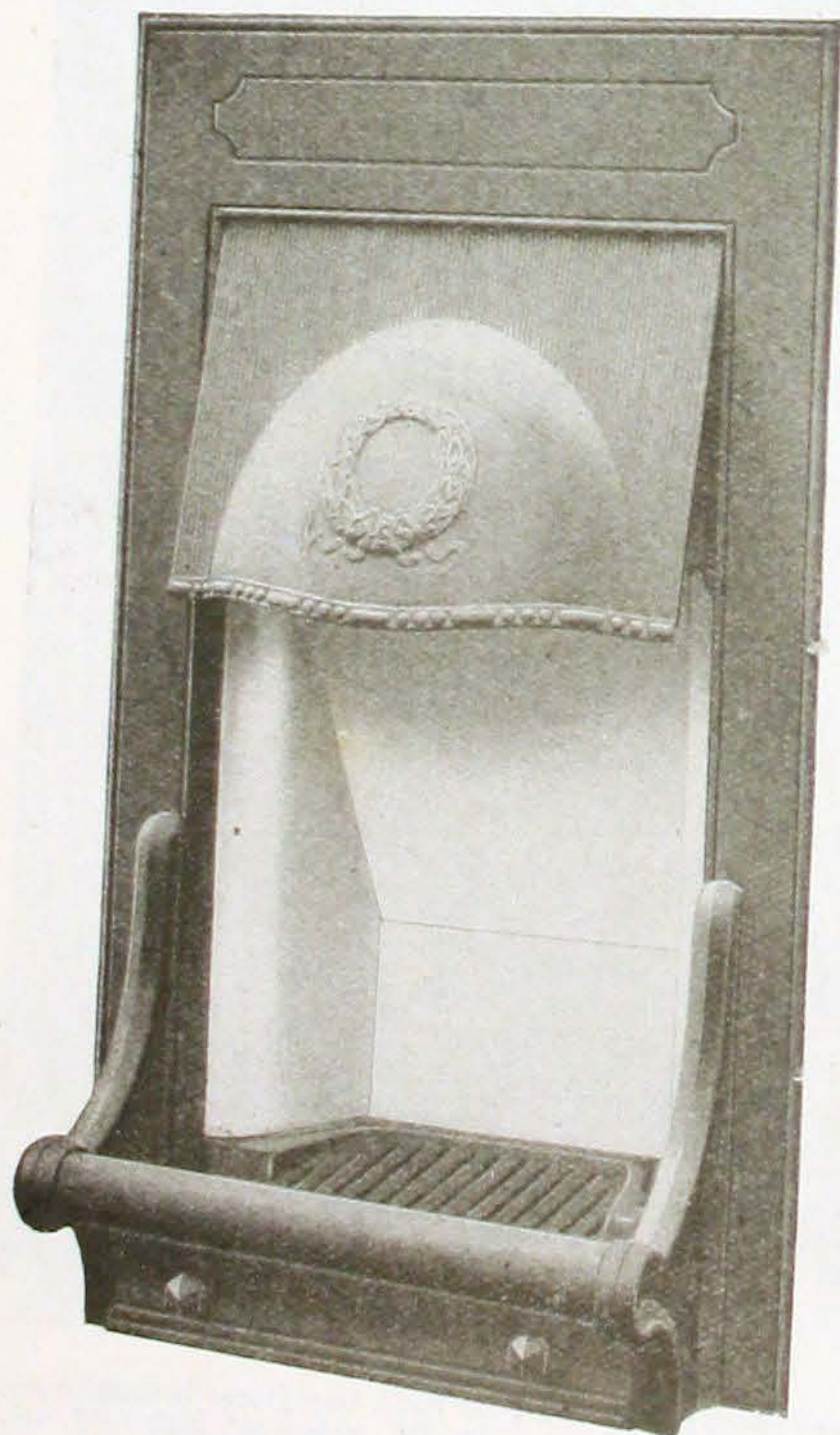
Brass or Copper Canopy, 15/6 extra.

No. PGS 496 "Peak" Interior with "Warwick" Fire, Solid or Sectional Brick Back, Canopy Iron, Brass or Copper, Polished or Antique Ground and B.B. Finish or Egg-Shell Black Finish.

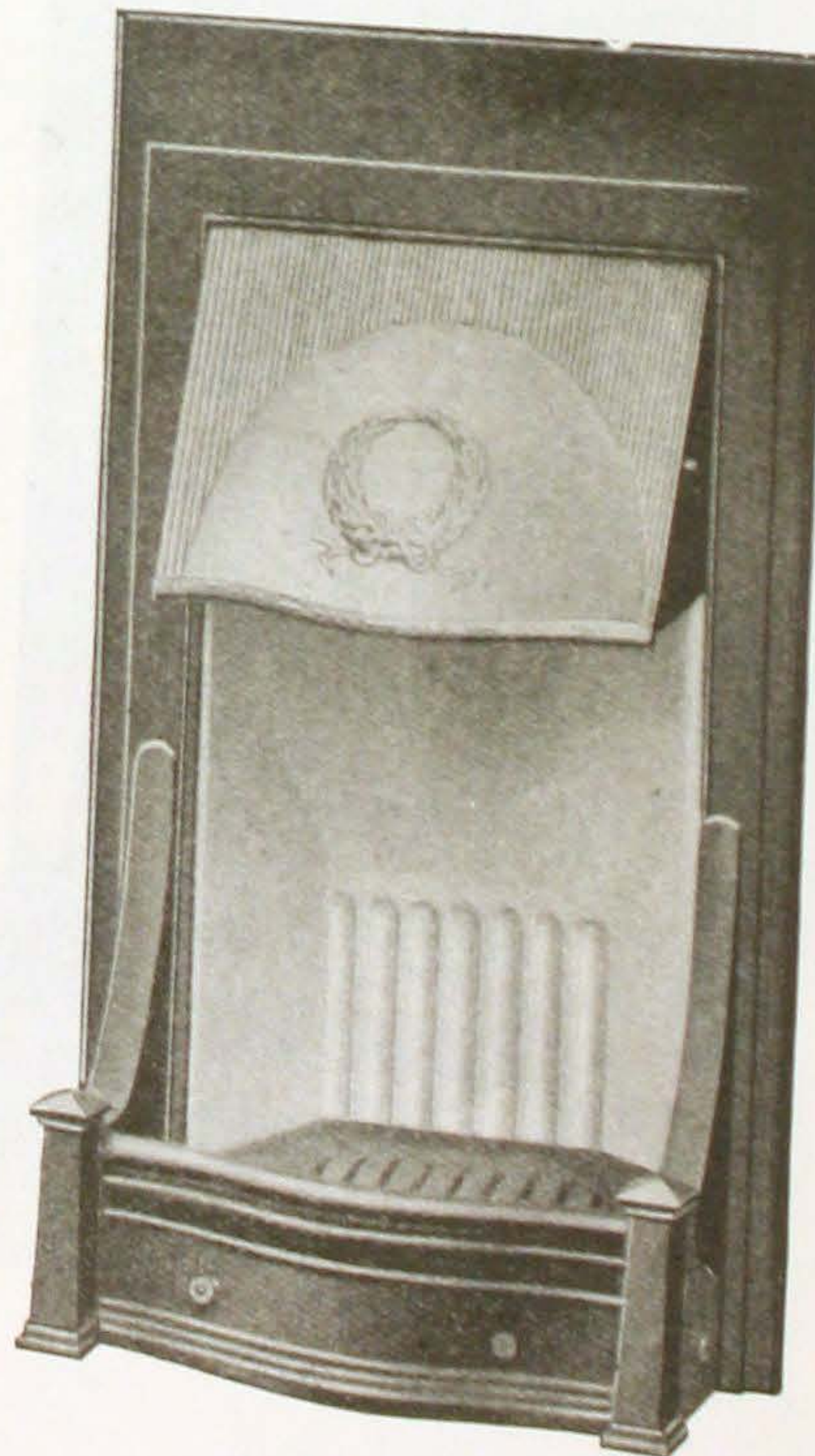
Width.	Height.	Fire.	Price.
20" x 38"	16"	...	£3 4 9
22" x 38"	16"	...	£3 7 3

As above but with Brass or Copper Canopy.

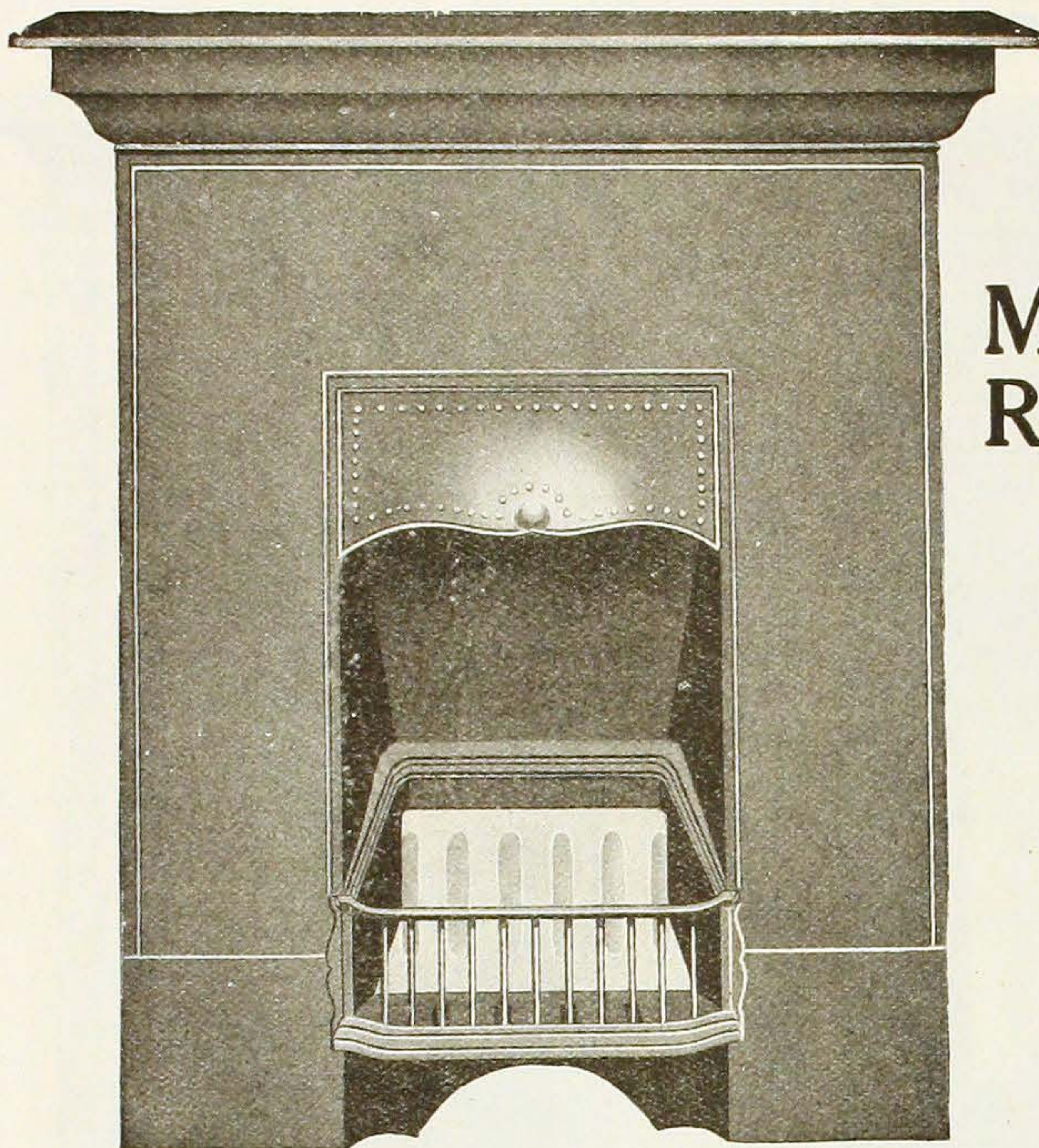
Width.	Height.	Fire.	Price.
20" x 38"	16"	...	£4 0 0
22" x 38"	16"	...	£4 3 0



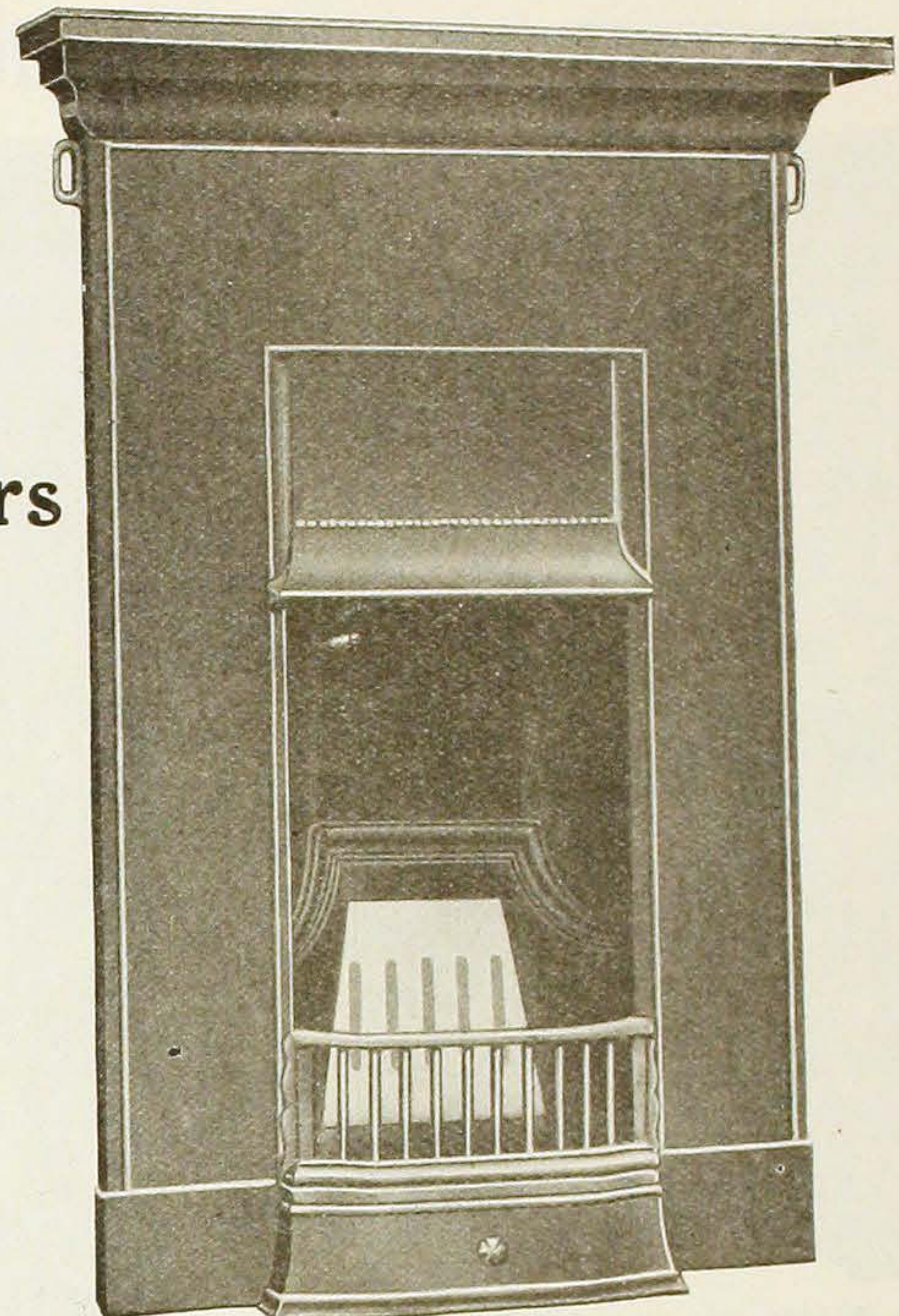
No. PGS 341



No. PGS 496



Mantel Registers



No. PGS 442 With Lift-out Bars.

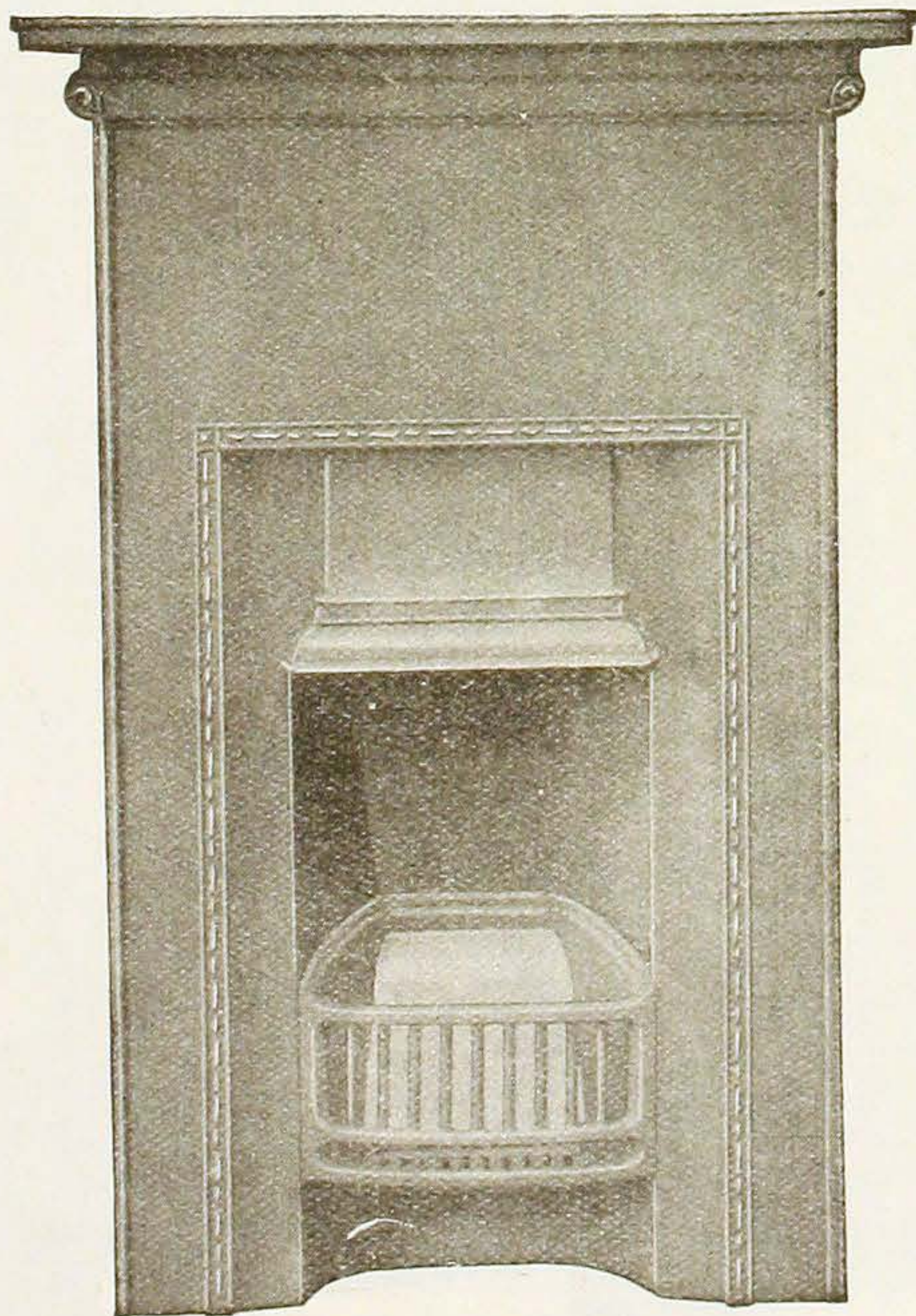
Sizes	18" x 36"	20" x 36"	24" x 36"	30" x 38"
Size of Fire...	10"	10"	12"	14"
Fine Cast, unpainted	16/-	17/-	19/3	27/3 each.
Sham only	12/6	13/9	15/-	21/3 "
Fret, extra	1/-	1/-	1/3	1/9 "

If Primed one coat, add 5 per cent.

No. PGS 697 With Single Iron Shelf.

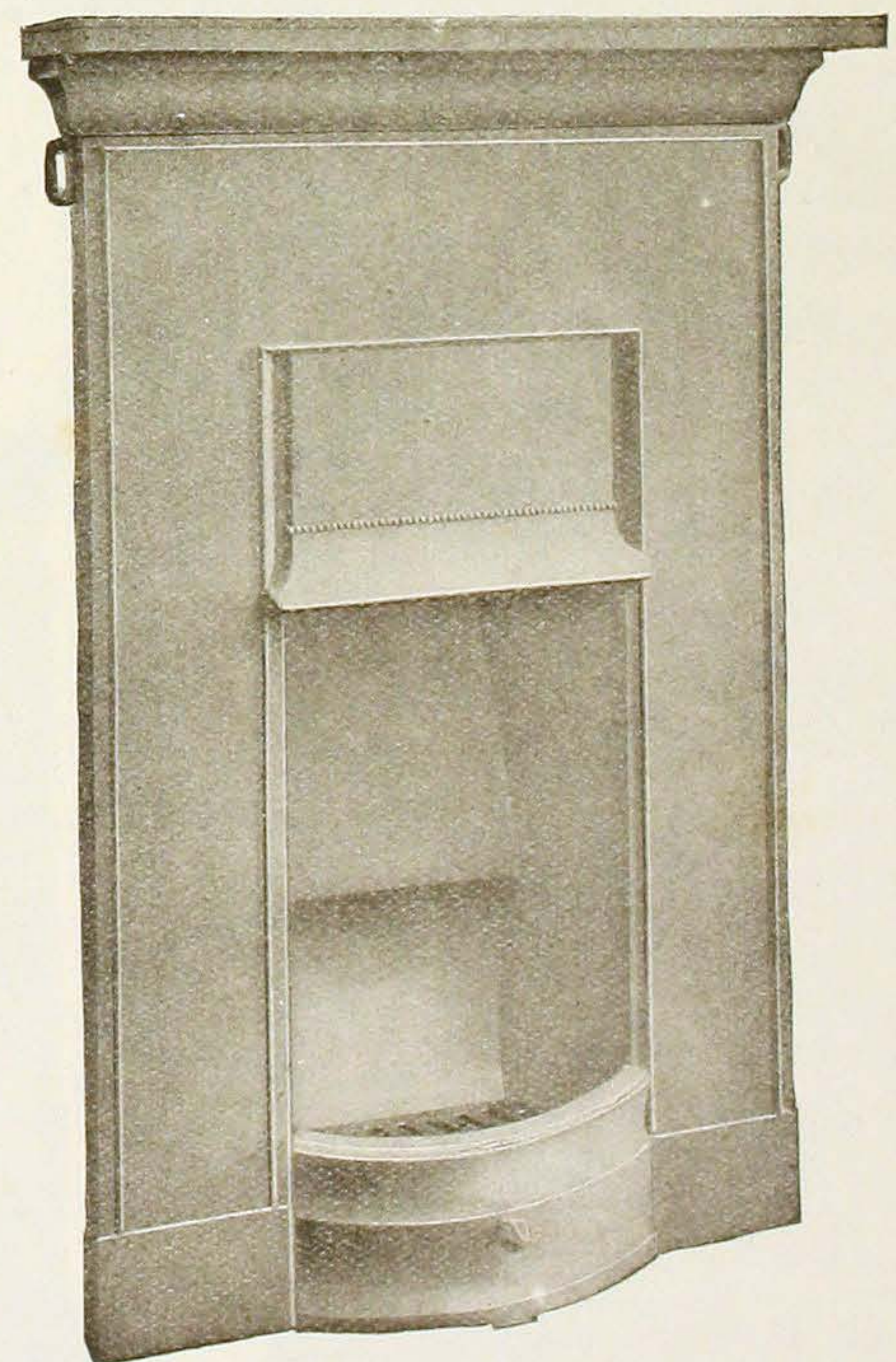
24" wide x 40" high. Shelf, 28" x 6" 12" Fire. 24/- each } Fine cast
30" wide x 44" high. Shelf, 33" x 6" 14" Fire. 38/3 } unpainted.
Price includes Fret.

If primed one coat, add 5 per cent.



No. PGS 103 With Lift-out Bars. Fixed Canopy, Single Iron Shelf.
24" wide x 42" high. Shelf, 28" x 6" 12" Fire, 23/- each. } Fine Cast
Sham only 18/9 } unpainted.
Fret, extra 1/3 "

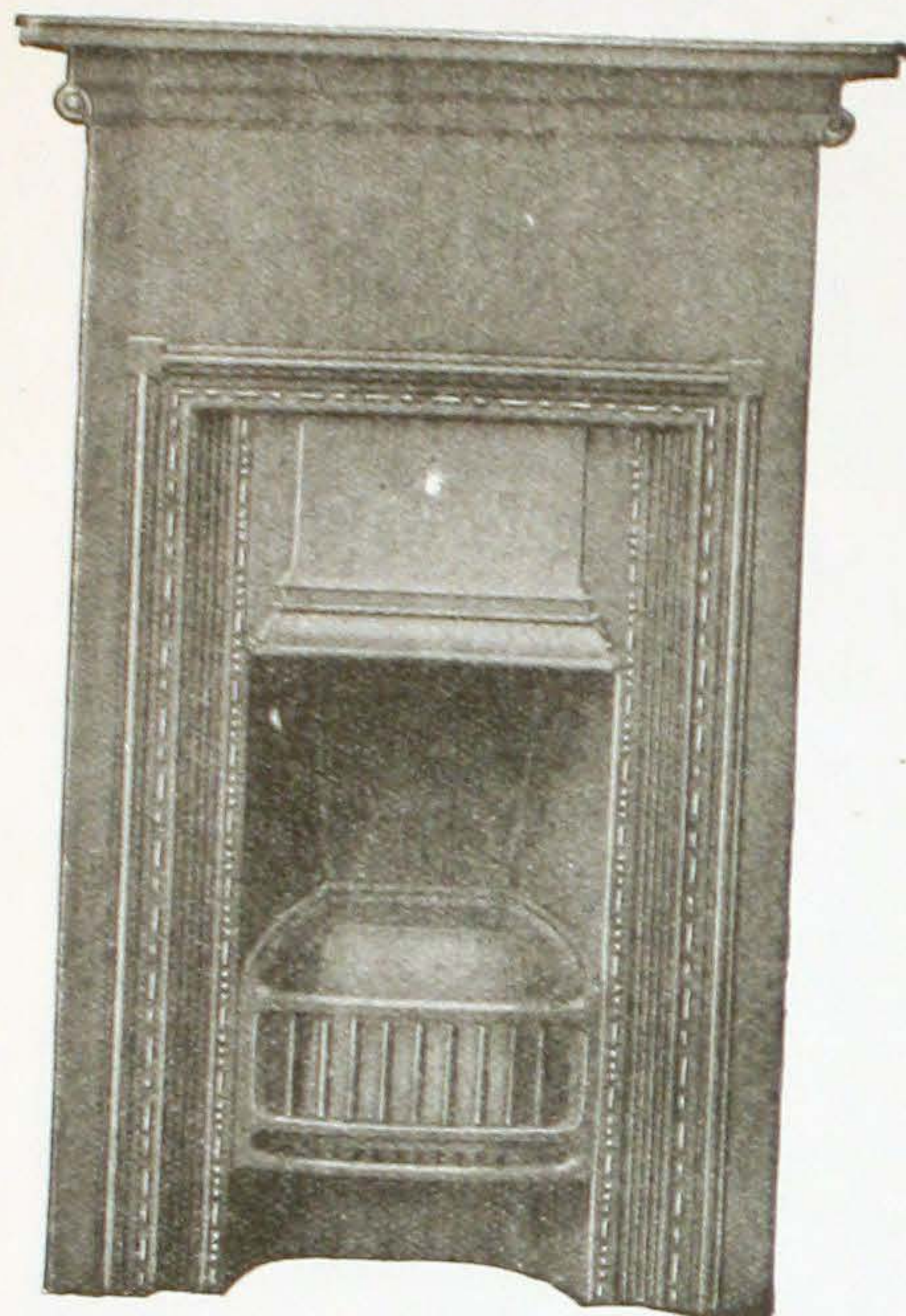
If Primed one coat, add 5 per cent.



No. PGS 745 With solid "Alpha" Back Brick, Loose Stool Bottom
Grate and Fret. Fixed Canopy. Single Iron Shelf.
Sizes: 24" wide x 40" high. Shelf, 28" x 6". 12" Fire, 30/9 each.
30" wide x 44" high. Shelf, 33" x 6". 14" Fire, 42/6 "

If Primed one coat, add 5 per cent.

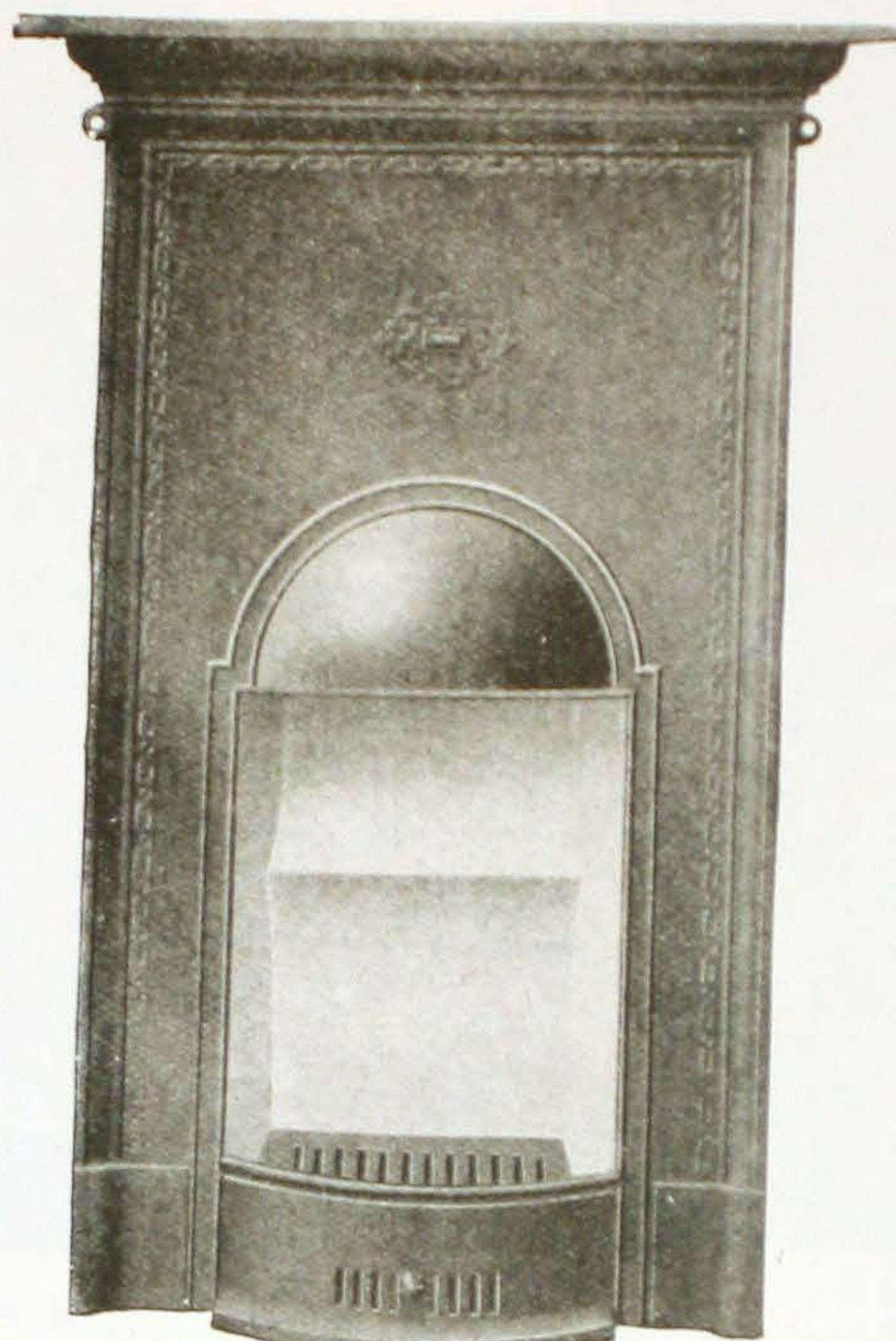
Mantel Registers



No. PGS 108 With Single Iron Shelf.

Sizes	..	..	..	..	..	..	..	..	..
Fire	..	..	..	..	..	..	..	..	..
Size of Shelf	..	..	..	..	..	..	..	..	..
Fine Cast, unpainted	..	..	..	..	..	..	..	..	..
Sham only	..	..	..	..	..	..	..	..	..

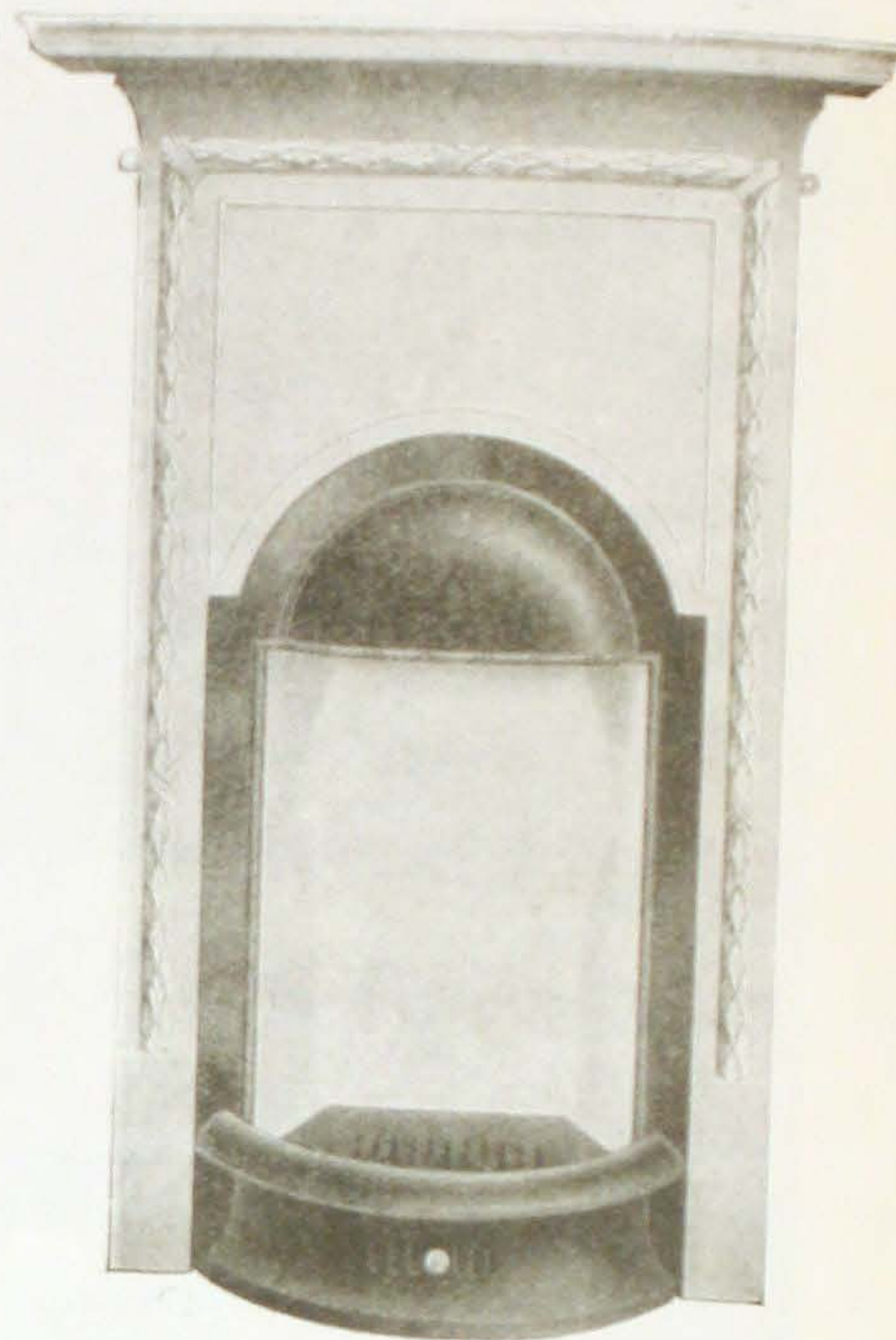
If primed one coat, add 5 per cent.
Sectional Brick Back, 8/6 extra.



No. PGQ 112 With Single Iron Shelf.

Sizes	..	..	..	..	..	..	..	..	..
Fire	..	..	..	..	..	..	..	..	..
Size of Shelf	..	..	..	..	..	..	..	..	..
Fine Cast	..	..	..	..	..	..	..	..	..
If supplied with Iron Back and Small Fire Brick, Stool Bottom and Fret, Fine Cast	..	..	..	..	..	..	..	..	..

Painted 5 per cent. extra.



No. PGQ 109 With Wood Shelf and All Brick Back. Independent Fire.

Size 24" wide x 45" high with Shelf, 7 1/2" x 31"	..	..	..	..	..	..	..	..	..
Fire 14" Primed one coat	..	..	..	..	..	..	..	..	..
Fire 14" Interior Rubbed and Blacked	..	..	..	..	..	..	..	..	..

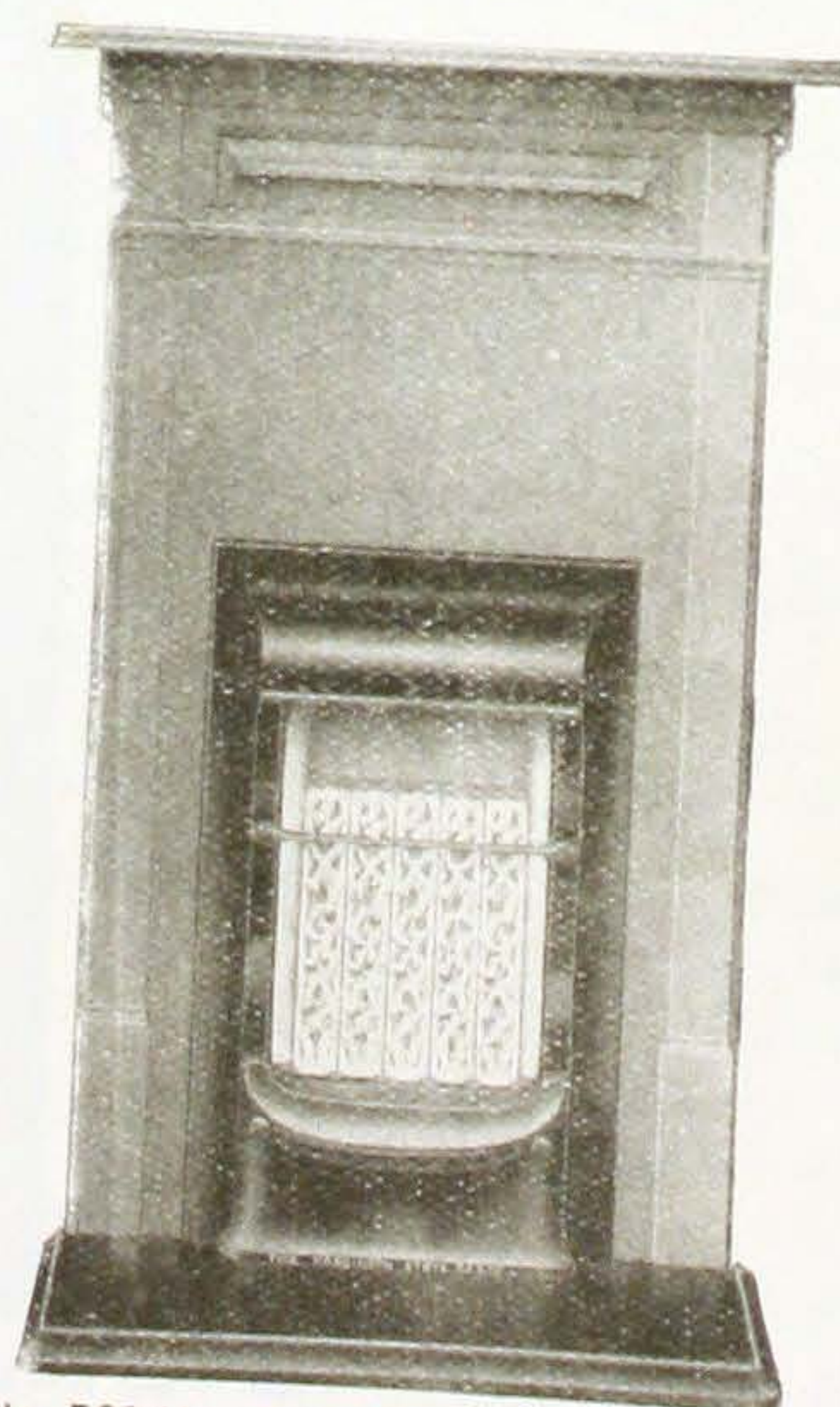


No. PGQ 110 With Very Large Close Fire.

Brick at Back. Barless Fire Front with Fret.

Size 24" wide x 38" high with Shelf 5" x 27 1/2"

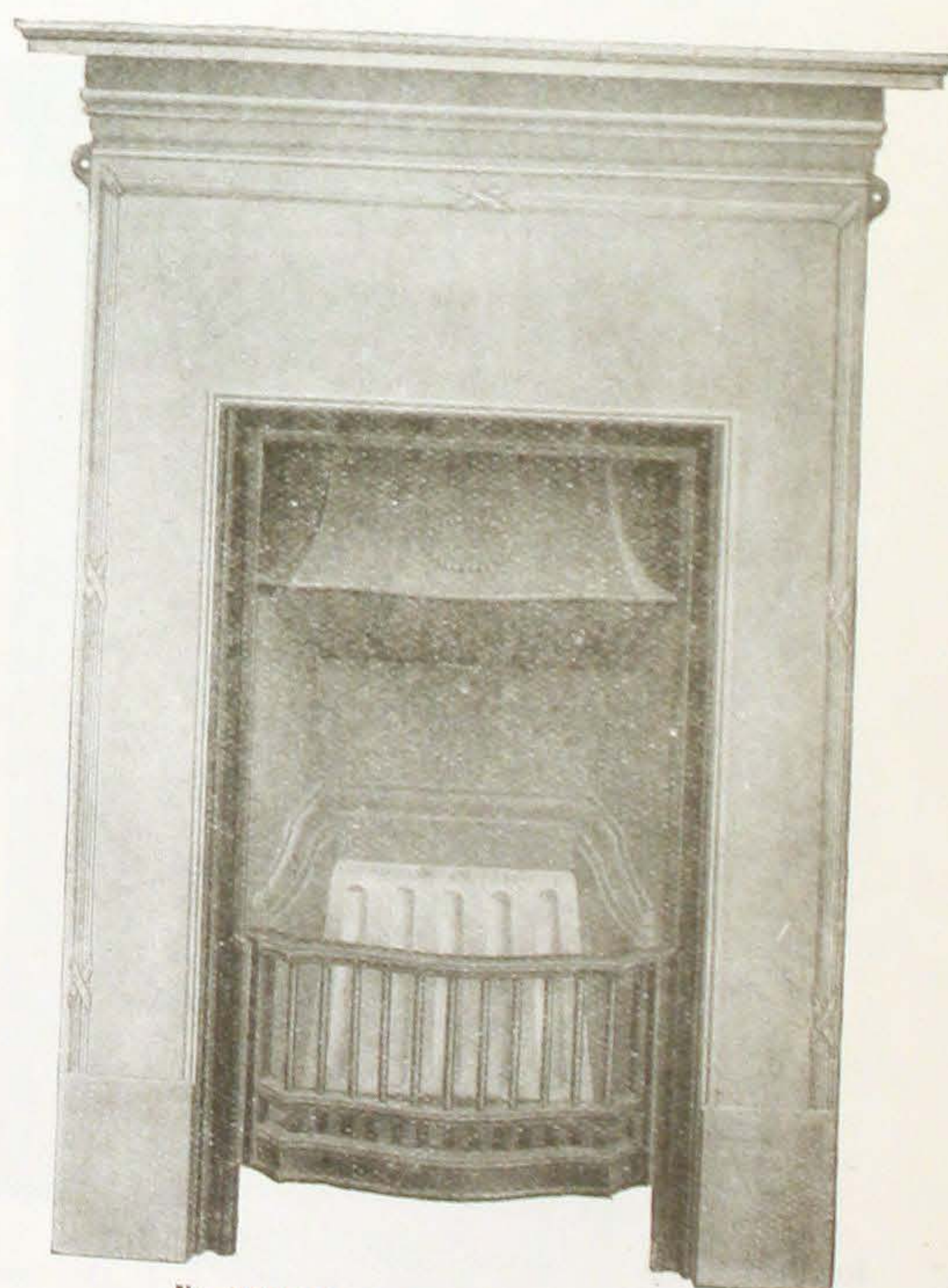
14" Fire. Fine Cast, unpainted	..	..	..	..	..	..	..	..	..
Sham only	..	..	..	..	..	..	..	..	..
Size 30" wide x 40" high with Shelf, 5 1/2" x 33 1/2"	..	..	..	..	..	..	..	..	..
Fire 14"	..	..	..	..	..	..	..	..	..
Sham only	..	..	..	..	..	..	..	..	..



No. PGS 113 GAS FIRE MANTEL REGISTER.

PRICES STRICTLY NETT.

Size: Height including base 37 1/2"; width at centre 20"; width of shelf 24"; Shelf back to front 4 1/2"; Base wide 24 1/2"; Base back to front 11"; Base high 12"	..	..	..	..	..	..	..	..	..
Register complete with Gas Tap	..	..	..	..	..	..	..	..	..
Register with 6 Radiant Fire	..	..	..	..	..	..	..	..	..
" " 7 " " "	..	..	..	..	..	..	..	..	..



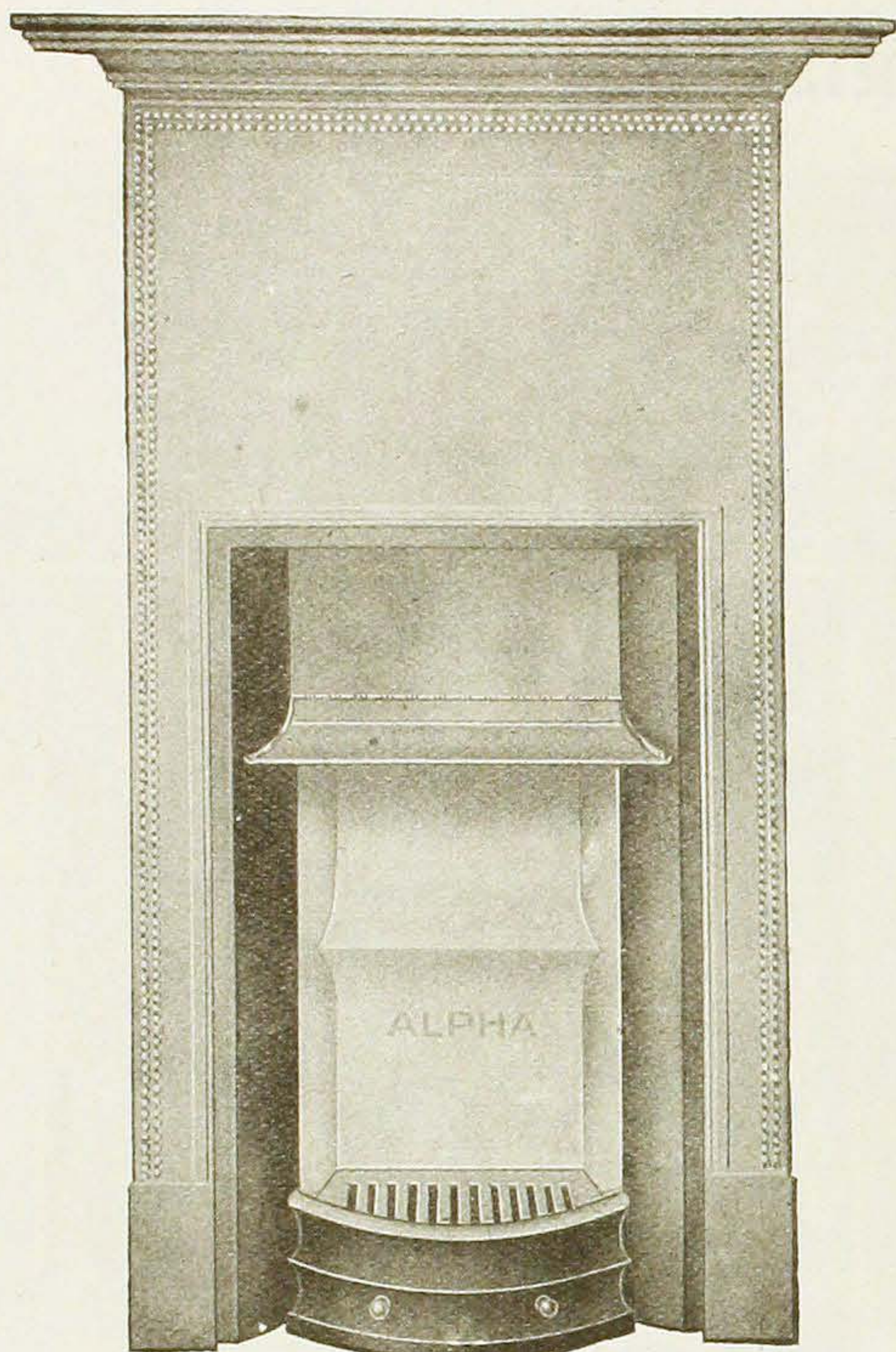
No. PGQ 111 Brick at Back. Loose Vertical Bars.

Size	..	..	..	..	..	..	..	..	..
Fire	..	..	..	..	..	..	..	..	..
Shelf	..	..	..	..	..	..	..	..	..
Fine Cast, unpainted	..	..	..	..	..	..	..	..	..
This Grate cannot be supplied as a Sham.	..	..	..	..	..	..	..	..	..
Fret extra	..	..	..	..	..	..	..	..	..

"B" Basis except Prices for PGS 113 which are Strictly Nett.

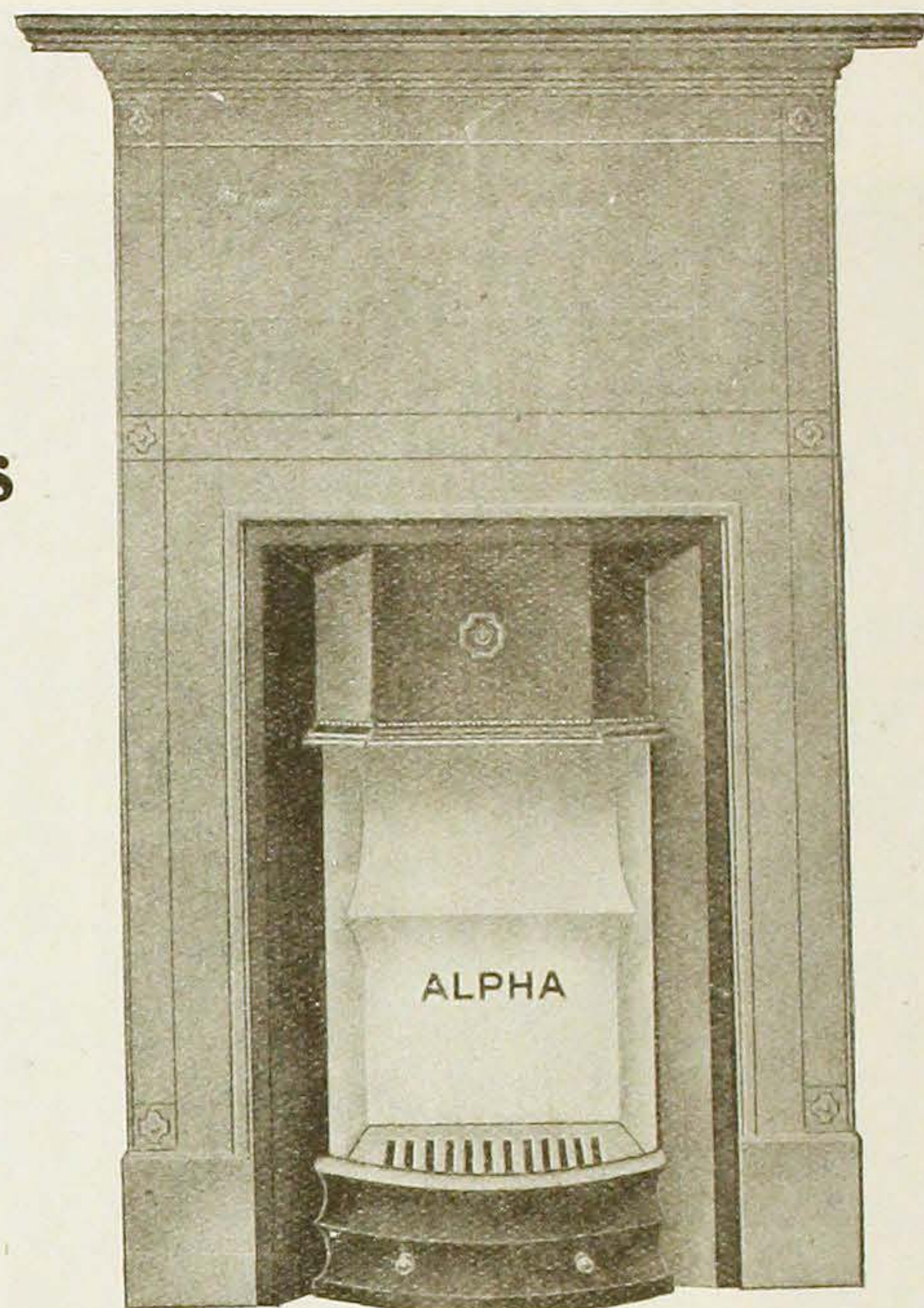
PGS—Stock Lines; PGQ—Quick delivery.

Mantel Registers



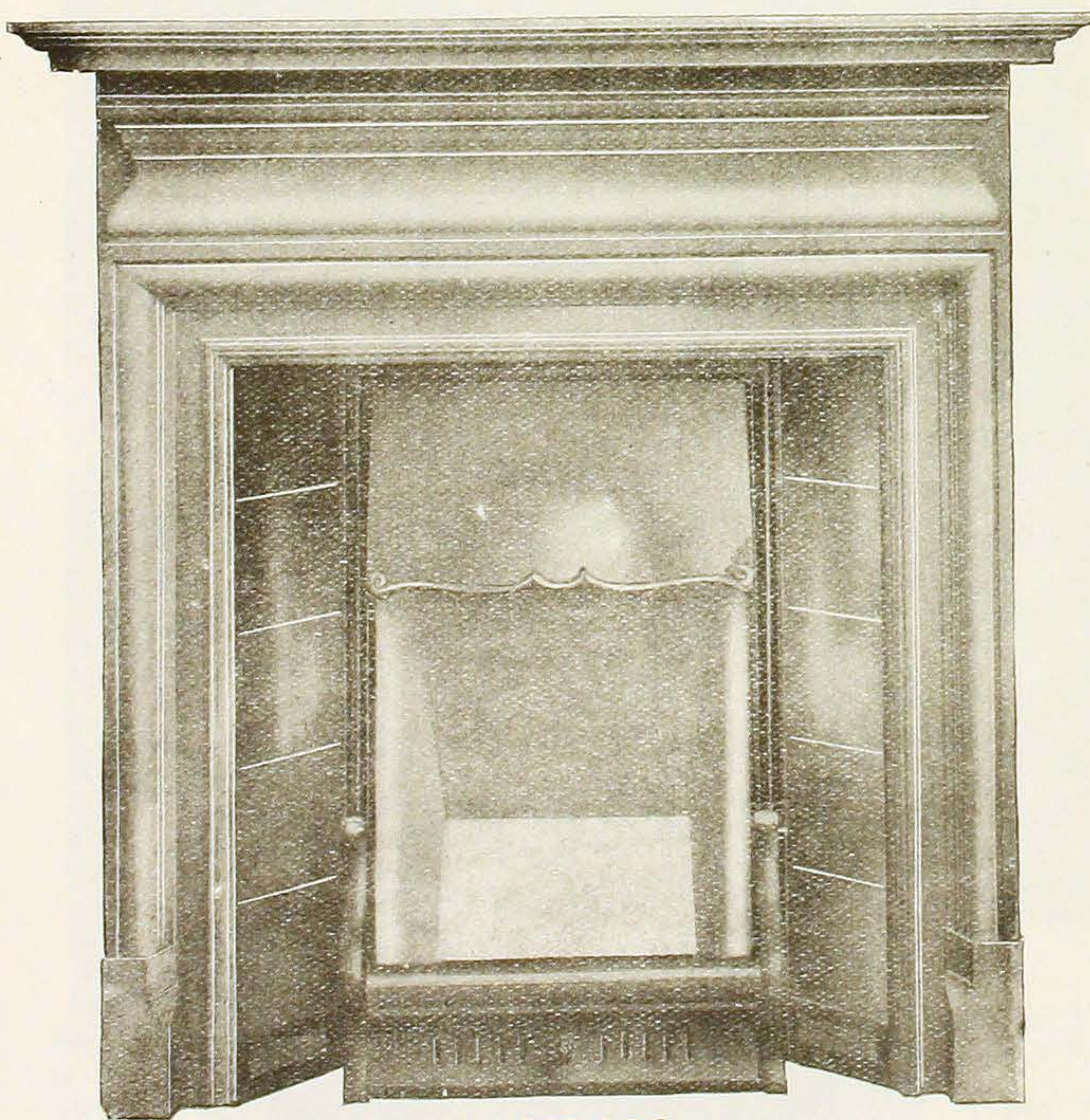
No. PGS 746

"Alpha" Fire. Solid Brick Back. Fixed Canopy. Size 24" wide × 48" high × 12" Fire. Single Iron Shelf, 30" × 7" Fine Cast, £2 12 9
If with Iron Back and Small Brick, Stool Bottom and Fret, Fine Cast, £2 6 0



No. PGS 747

With "Alpha" Fire. Solid Brick Back. Fixed Canopy. Size 30" wide × 48" high. Fire, 14". Single Iron Shelf, 35" × 7" £3 1 3
If with Iron Back and Small Brick, Stool Bottom and Fret, Fine Cast, £2 14 6



No. PGO 104

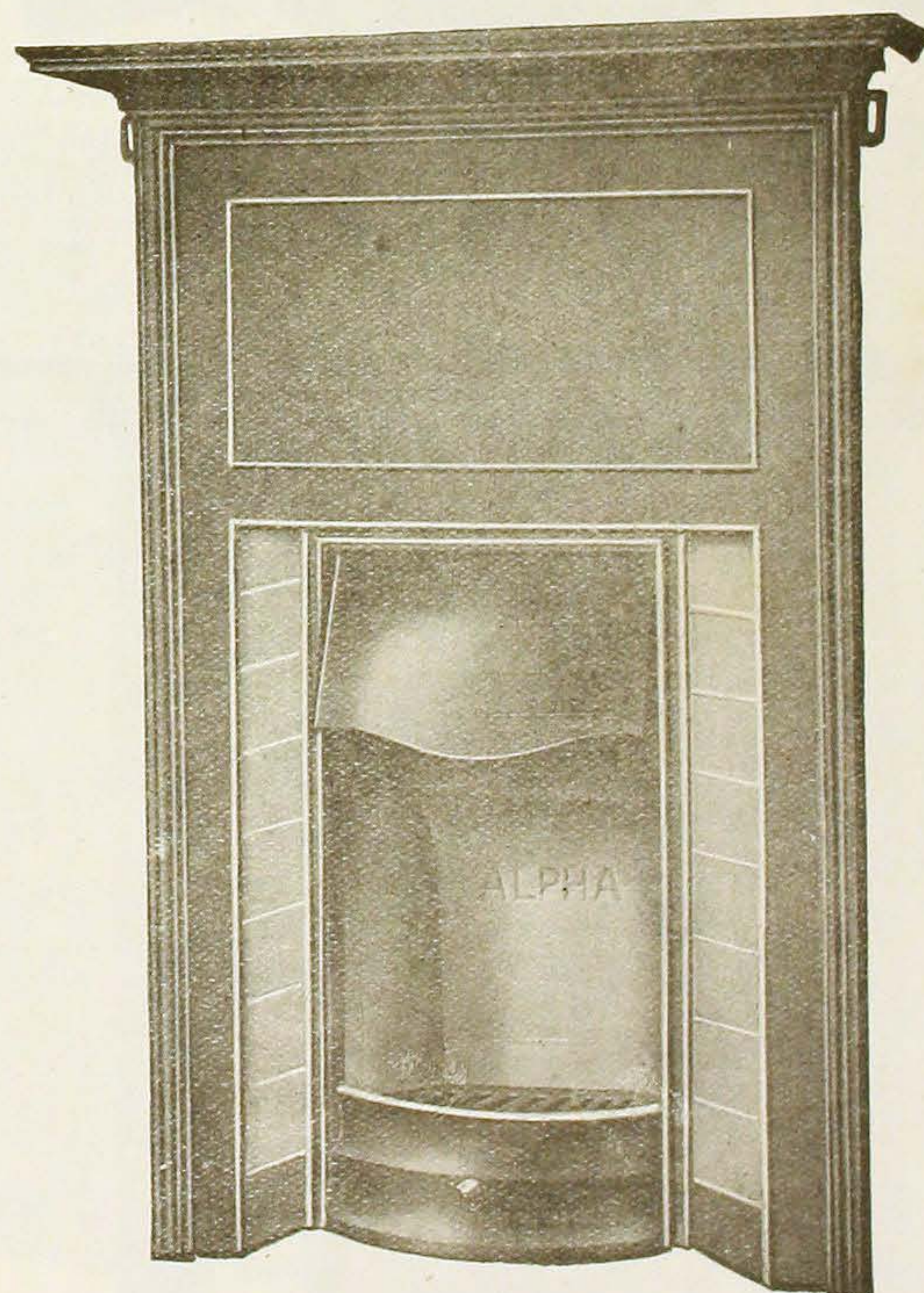
With Adjustable Canopy, Double Shelf, 18" Barless Fire with Grating Front, Slow Combustion Fret with Ventilator; Sectional Brick Back, 42" wide × 48" high, Fine Cast, without Tiles, £5 1 0

Extras:—Mantel Primed and Interior Common Blacked 4/4 extra.

Mantel Primed and Interior Ground and B.B. 4th Finish, 11/-

6" Tiles in Cheeks, as shewn ... 18/-

Deductions: Single Shelf (decreasing height by 1") ... 8/- less.



No. PGS 699

"Alpha" Fire with Solid Brick Back. Adjustable Canopy. Single Iron Shelf, 35" × 7" prepared for 3" × 3" tiles on the cant, at sides. Size 30" wide × 48" high × 14" Fire. Price, Fine Cast, £3 3 0 Painting, 5% extra. 18-3" × 3" Plain Enamel Tiles as shewn, 4/6 extra. If Canopy and Fret B.B. Finish, 8/6 extra. If with Iron Back and Small Brick, Stool Bottom and Fret, Fine Cast, 56/3 each; Painting 5% extra.

No. PGS 749 As above but without Tiles on the cant, same prices and extras apply.

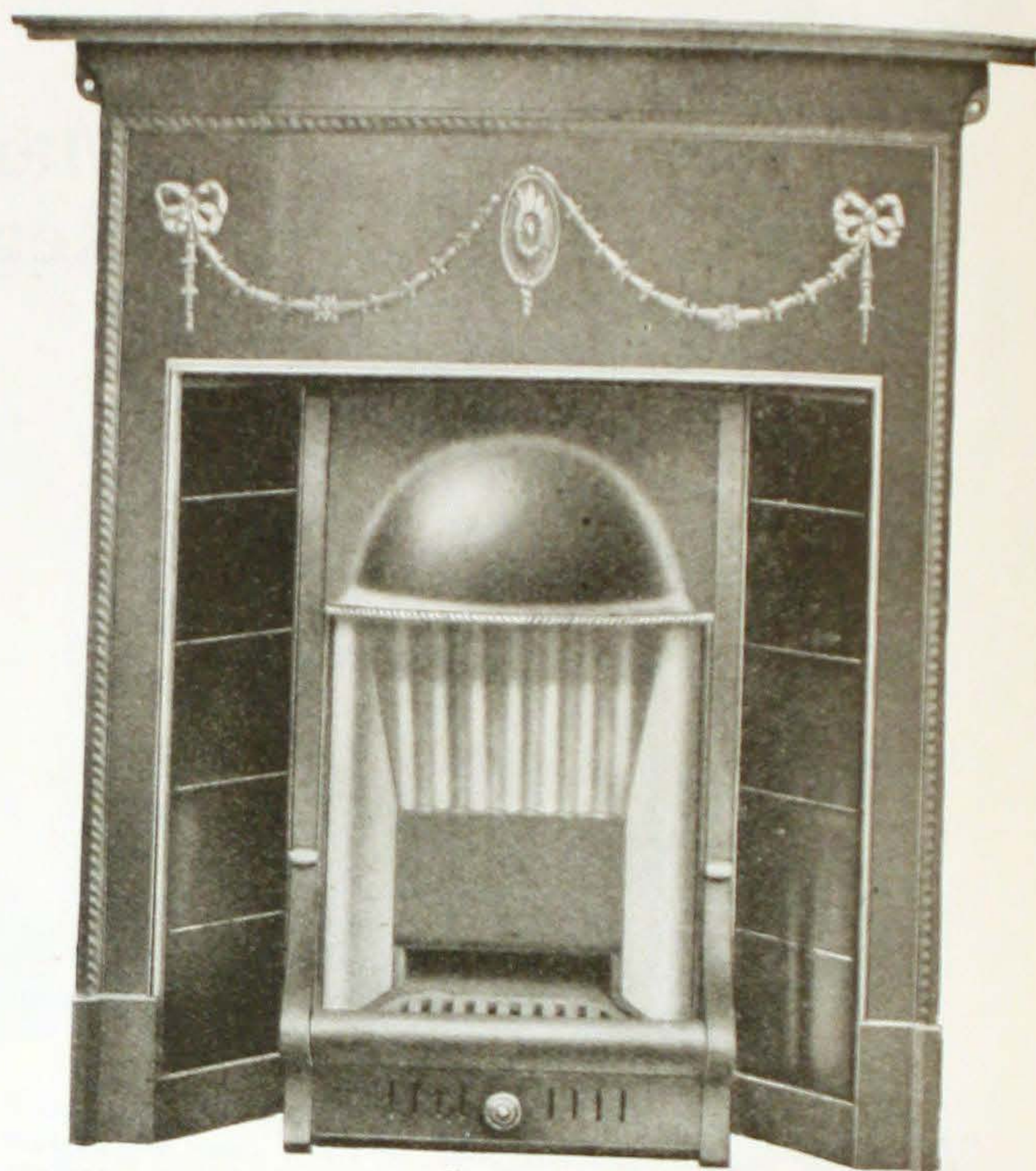
Tile Mantel Registers



No. PGS 469

With Adjustable Canopy, Single Shelf, Cheeks for 6" Tiles. "Stool" Fire with Loose Bottom Bars and Slow Combustion Fret, with Sliding Ventilator. Solid Brick Back (or two-piece back, if desired). Size 36" wide x 46" high x 16" Fire.

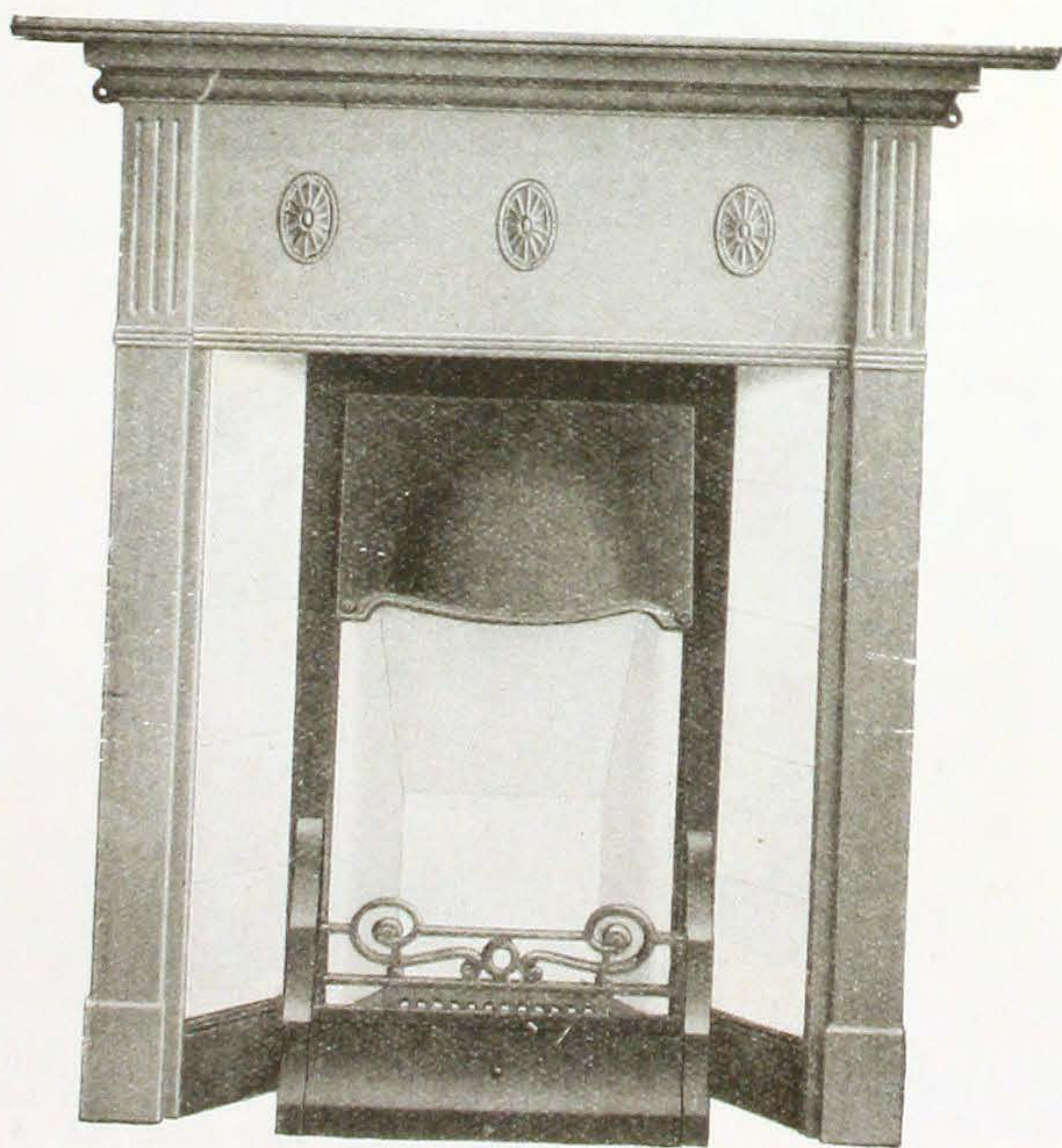
Price, fine cast, without Tiles, £3 9 0 Tiles in cheeks, 18/- EXTRA.
 EXTRAS.—Mantel Primed and Interior Common Blacked .. 3/3 extra.
 Mantel Primed and Interior Ground and B.B. 4th Finish .. 10/-
 Double Shelf (increasing height by 1") .. 6/-
 Sectional Brick Back .. 2/-



No. PGQ 105

With H.P. BATH BOILER. Adjustable Canopy, Single Shelf Cheeks for 6" Tiles. Barless Fire with Grating Front, Wrot. Iron Back Boiler (with manhole) and self-contained Boiler Flue; C.I. Removable Saddle Plate (or Brick Back if desired); Brick Sides to Fire; Slow Combustion Fret with Ventilator. Size 36" x 46" x 16" Fire. Fine Cast with Boiler but without Tiles, £6 3 9 Tiles, 18/- EXTRA.

EXTRAS.—Mantel Primed and Interior Common Blacked .. 3/3 extra.
 Mantel Primed and Interior Ground and B.B. 4th finish .. 10/-
 Double Shelf (increasing height by 1") .. 6/-
 DEDUCTION.—Prepared for, but without Boiler .. 33/- less



No. PGO 106

Adjustable Cast Canopy, Shelf 44" x 8". Cheeks for 6" Tiles, 16" Fire with Fall Bar, Ashpan Front. Sectional Brick Back. Size 36" wide x 48" high.

Primed one coat, without Tiles .. £3 16 6 each.
 Interior Ground and Berlin Blacked .. 0 12 0 extra.
 Brass or Copper Canopy .. 0 16 9
 Tiles, Plain Enamels as shewn .. 0 18 0



No. PGO 107

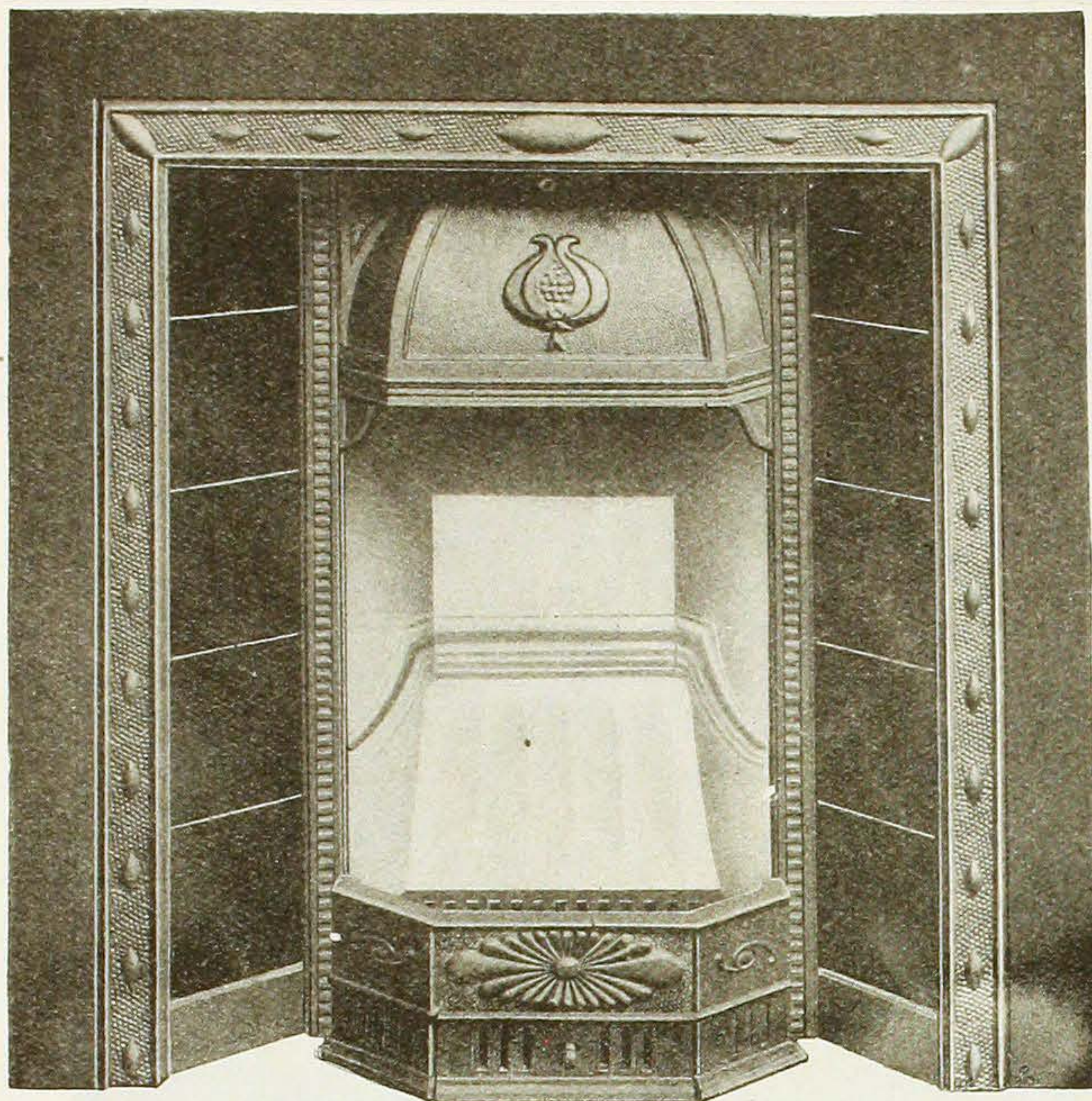
Adjustable Cast Canopy, Shelf 44" x 8", Cheeks for 6" Tiles, 16" Fire with Loose Bars and Fret, Sectional Brick Back, Size 36" wide x 48" high.

Primed one coat, without Tiles .. £3 11 6 each.
 Interior, Ground and B.B. .. 0 12 0 extra.
 Brass or Copper Canopy .. 0 16 9
 Tiles, Plain Enamels as shewn .. 0 18 0

"B" Basis.

PGS—Stock Line ; PGQ—Quick Delivery ; PGO—To Order only.

TILE
REGISTERS



No. PGS 187—With Fixed Canopy, Low Fire, Small Brick Back, Fine Cast and Blacked, Prepared for Tiles.

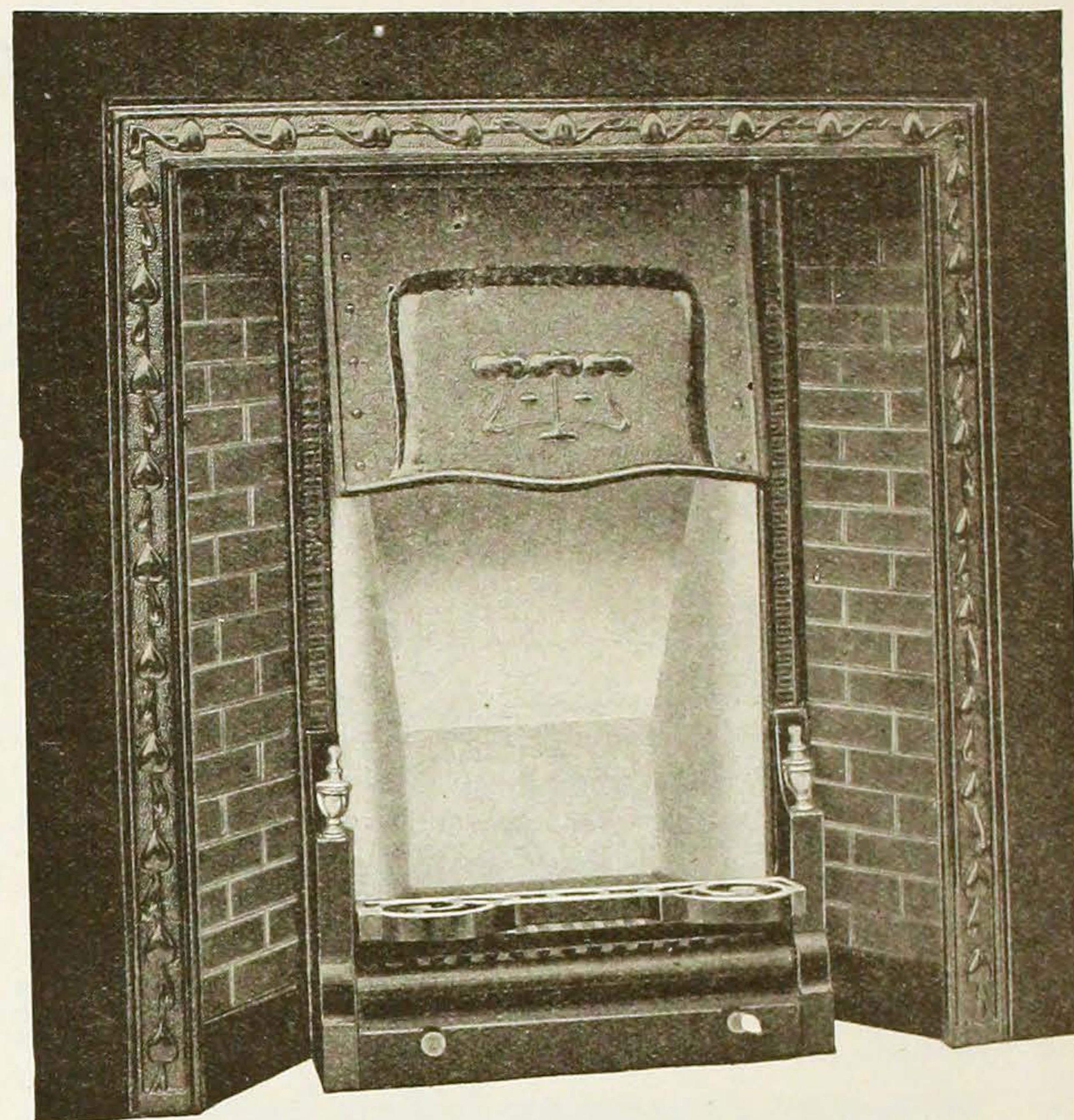
All sizes, 16" Fire 36" wide × 38" high ... 34/-
38" wide × 38" high ... 36/6

Price : Ground and B.B., without Tiles.

	3rd Finish.	4th Finish.
36" wide × 38" high	47/9	46/-
38" wide × 38" high	50/3	48/6

Tiles : Plain Enamels, 8/6 extra.

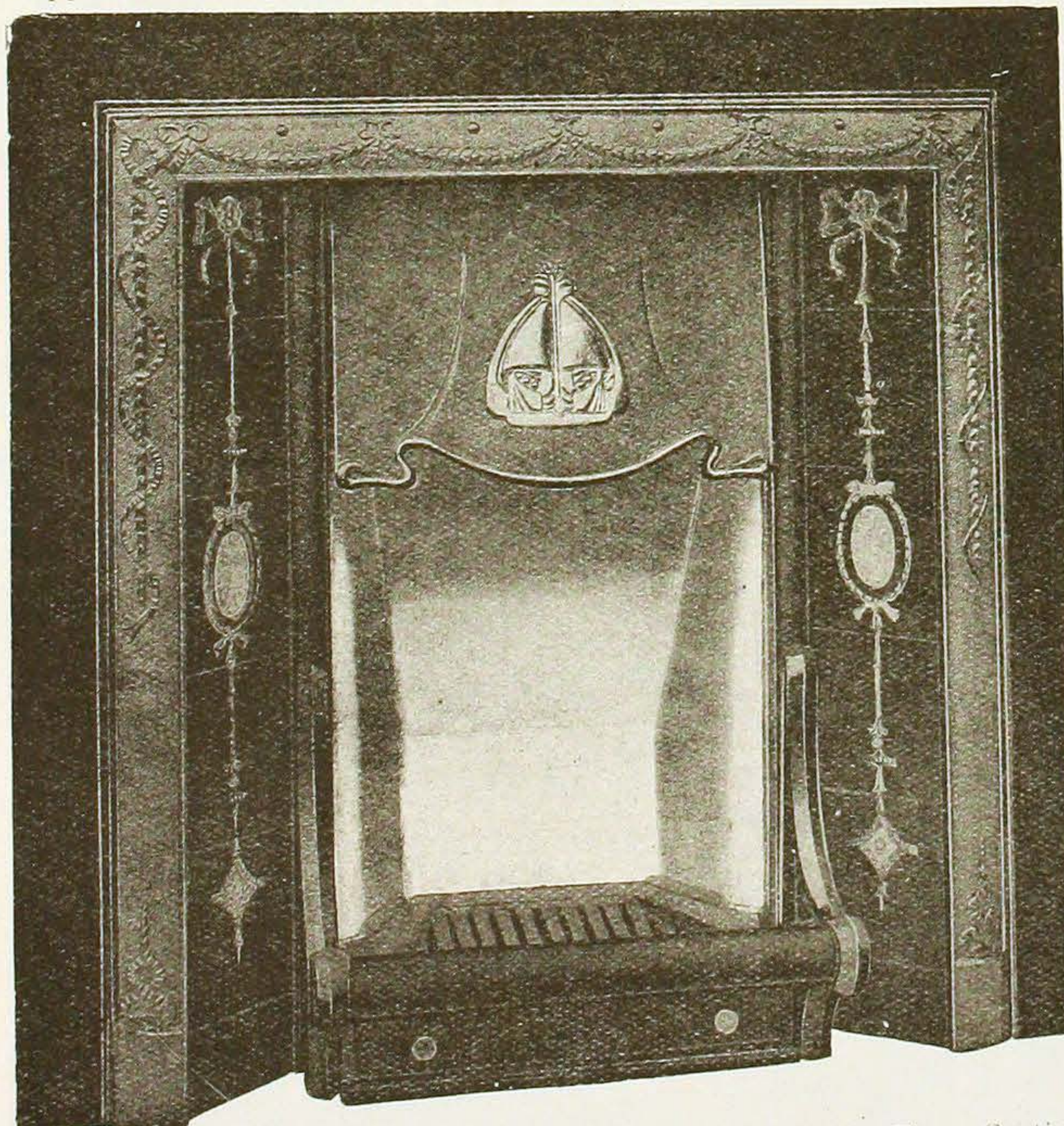
If supplied with Adjustable Canopy, 6/- extra.



No. PGS 473—With Adjustable Canopy, Fall-Bar Fire, Brass or Copper Knobs, Sectional Brick Back, loose sunk Bottom Grating, prepared for Tiles.

Width and height ... 36" × 38" 38" × 38"
Fire ... 16" 16"
Ground and B.B. Finish, with Black Canopy £3 15 0 £3 17 6
Ditto, with Brass or Copper Canopy, either
Polished or Antique ... 4 10 3 4 12 9

Tiles : If Briquette Pattern as shewn, 10/3 extra. Plain Enamels 8/6 extra.
If without Brass or Copper Knobs, 2/6 less.



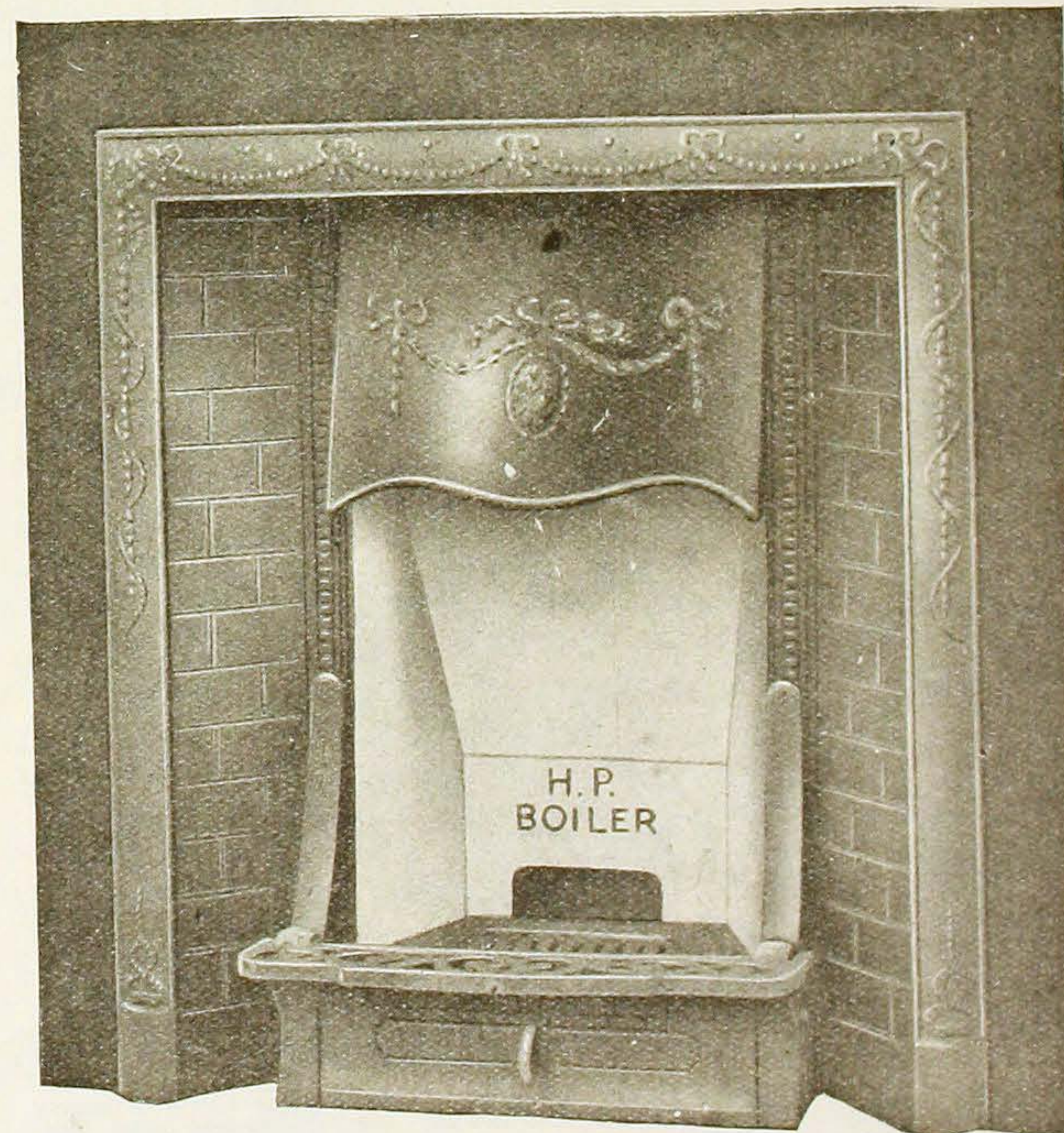
No. PGS 475 With Adjustable Canopy, "Stratford" Fire, Sectional Brick Back, Loose Bottom Grating, Ash-pan fitted to Fret, prepared for Tiles.

Size	36" wide × 38" high.	38" wide × 38" high.
Fire	16"	16"
Ground and B.B. with Black Canopy	£3 15 0	£3 17 6
Ditto, with Brass or Copper Canopy, either		
Polished or Antique	4 10 3	4 12 9

Tiled Panels as shewn, 17/- per pair.

If Briquette Pattern Tiles as **No. PGS 473**, 10/3 extra.

If Plain Enamel Tiles, 8/6 extra.

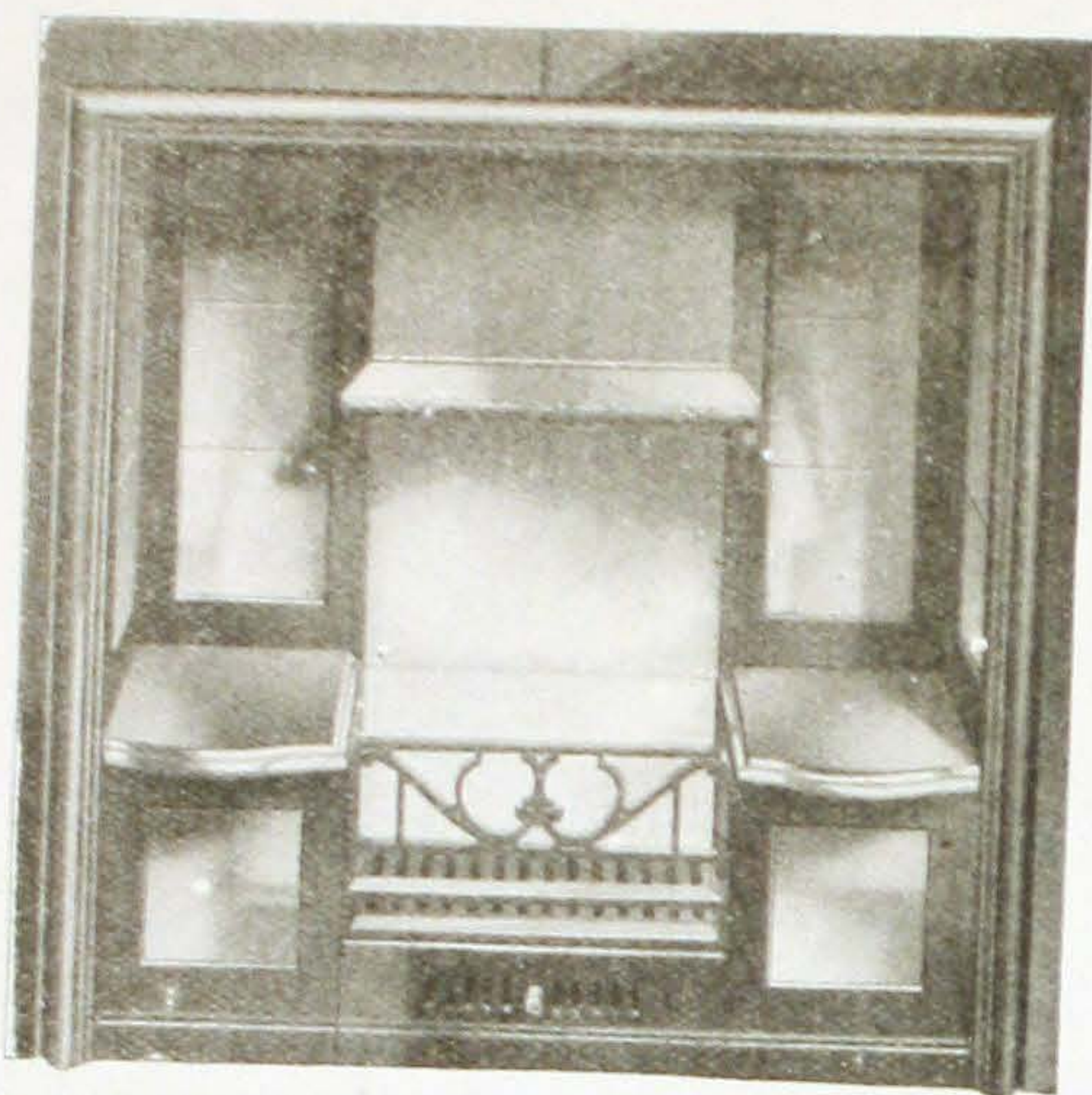


No. PGS 188—With H. P. Boiler, Adjustable Canopy, Fall-Bar Fire, Sectional Brick Back, Loose Sunk Bottom Grating; fitted with Wrot. Welded Bath Boiler, Iron Flues and Damper, Flue Cleaning Door; Ground and B.B. Finish, Black Canopy, prepared for Tiles, 16" Fire for all sizes, 36" wide × 38" high, £6 6 0; 38" wide × 38" high, £6 8 6
Ditto as above, but without Boiler, but prepared for Tiles, 36" wide × 38" high £3 15 0; 38" wide × 38" high, £3 17 6.
Tiles : If Briquette Pattern as shewn, 10/3 extra.
If Plain Enamels, 8/6 extra. If Brass or Copper Canopy, 15/6 extra.

All PGS—Stock Lines in 38" × 38".

"B" Basis.

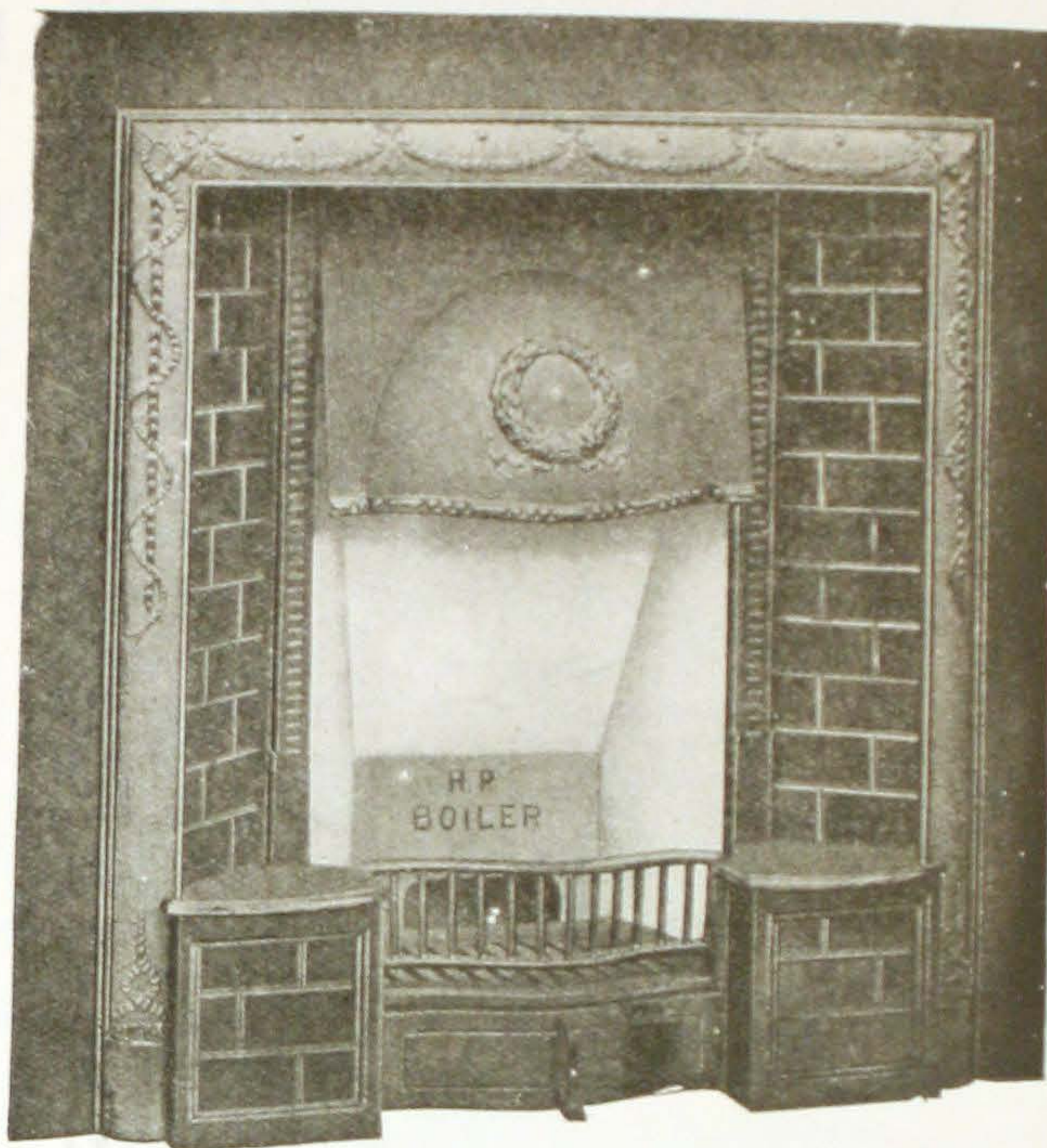
Hob and Tile Registers



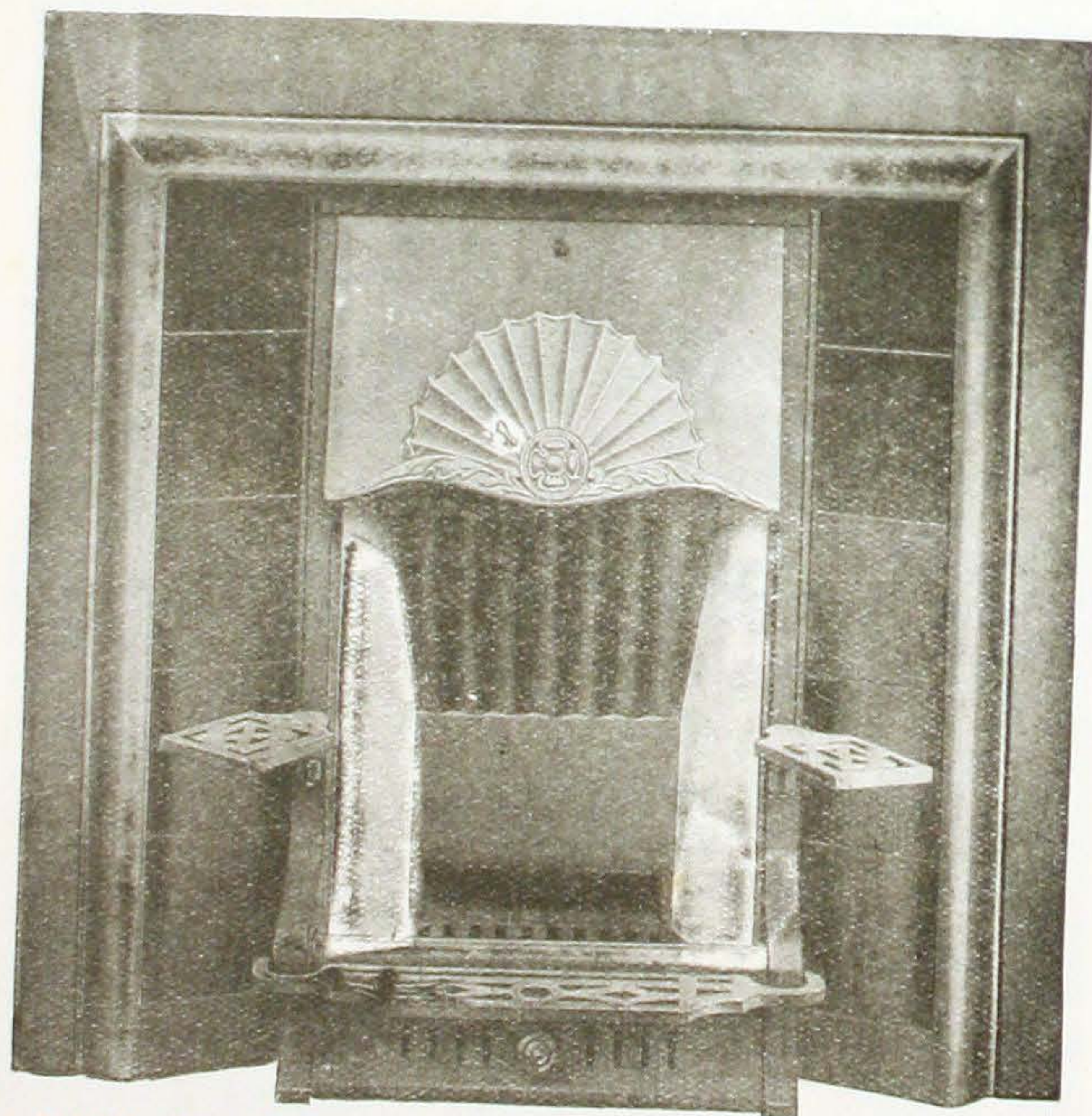
No. PGS*183—With Adjustable Cast Iron Canopy, Fall Bar Fire, having Removable Bottom Grate, Slow Combustion Fret with Sliding Draught Regulator, Ash pan, Fire lined with Fire Clay, Brick at Back and Sides. Cast Iron Covering-in Plate, Back and Side Covings, and Front of Hobs prepared for Tiles.

Size	36" x 36"	38" x 38"	40" x 40"
Fire	14"	14"	14"
Fire Cast and Blacked	£ 6 6 3	£ 6 6 3	£ 6 8 6 each.
Fourth Finish	8 3 9	8 3 9	8 6 2 "
Third Finish	8 15 0	8 15 0	8 17 6 "
Best Finish	9 16 9	9 16 9	10 1 6 "

Fitted with Plain Enamel Tiles, 15/- extra. Brass Canopy, 24/3 extra.
Folding Grid over Fire, 11/- extra. Front Mouldings of Hobs, Polished Bright, 3/8 extra.
Damper and Rod for Boiler, 5/10 extra. Self-contained Boiler Flues, 26/- extra.
Wrot. Iron H.P. Boiler, complete with Man-Lid, I. R. Joint Rings, and drilled two holes up to 1 1/2", 21/8 each. Copper Ditto, including Man-lid, 68/9 each.



No. PGS 181 With H.P. BATH BOILER. With Black Reeded Adjustable Canopy, Vertical Steel Bars, Sectional Brick Back, Ground and Berlin Blacked Finish, fitted with Wrought Welded Bath Boiler, Iron Flues, Damper and Cleaning Door (Boiler can be removed or cleaned from the front). Size 38" x 38". Fire, 16" £6 16 0
Boiler supplied in Copper instead of Wrot. Welded, 25/6 extra to above price. If prepared for, but not including Tiles, no Boiler supplied, £4 5 0
TILES. If Briquette Pattern as shown, 10/3 extra. If Plain Enamels, 8/6 extra. Brass or Copper Canopy, 15/6 each extra.



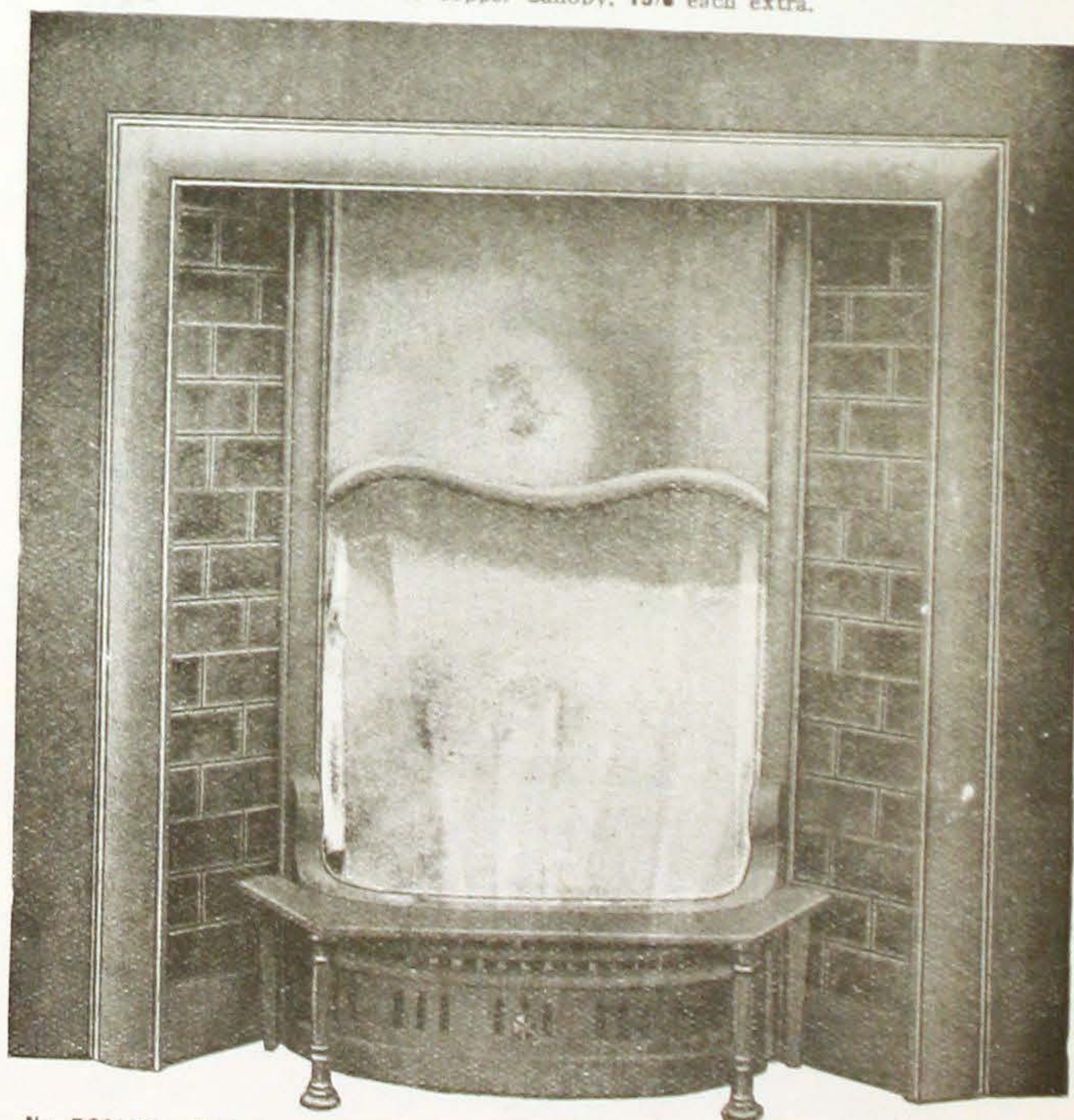
No. PGS*184 With H.P. BATH BOILER. Adjustable Canopy, Fall Bar Fire with Grating Front, Swinging Trivets, W.I. Back Boiler (with Manhole) and self-contained Boiler Flue, C.I. Removable Saddle Plate (or Brick Back if desired); Brick Sides to Fire, Slow Combustion Fret with Ventilator.

Prices, Ground and B.E., 4th Finish, with Boiler but without Tiles.

Sizes	36" x 36"	36" x 38"	38" x 38"	40" x 40"	42" x 42"	38" x 38"	40" x 40"	42" x 42"
Fire	16"	16"	16"	16"	16"	18"	18"	18"
Price	£6 17 3	£6 17 3	£6 18 3	£7 0 3	£7 3 3	£7 2 3	£7 4 9	£7 7 3

EXTRAS:—Tiles in Cheeks, 18/- extra. Ashpan to Fret, 3/6 extra.
Brass or Copper Canopy 15/6 extra.

DEDUCTIONS.—Prepared for, but without Boiler, 33/- less.
Fine Cast and Blacked, 14/6 less.

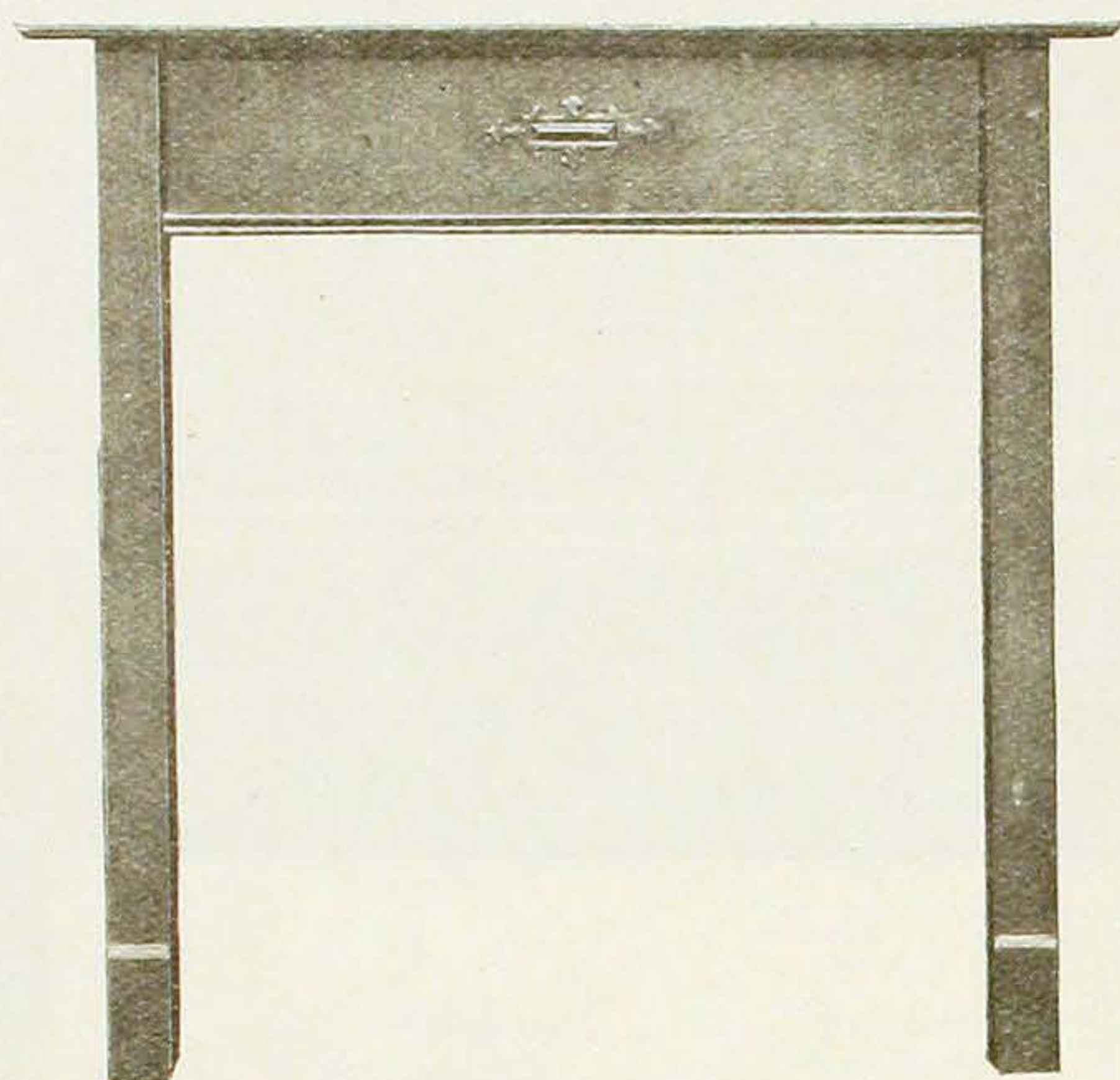


No. PGS*185—With Adjustable Canopy, Low Fire, Front Table, Sectional Brick Back, Loose Bottom Grate and Bricks removable from front. Canopy and Bars interchangeable. Best Finish throughout in Egg-Shell Black, prepared for Tiles.

Width.	Height.	Fire.	Price.	If without Front Table.
36" x 38"	10"	10"	£3 16 6	£3 8 0
38" x 38"	10"	10"	£3 19 0	£3 10 6

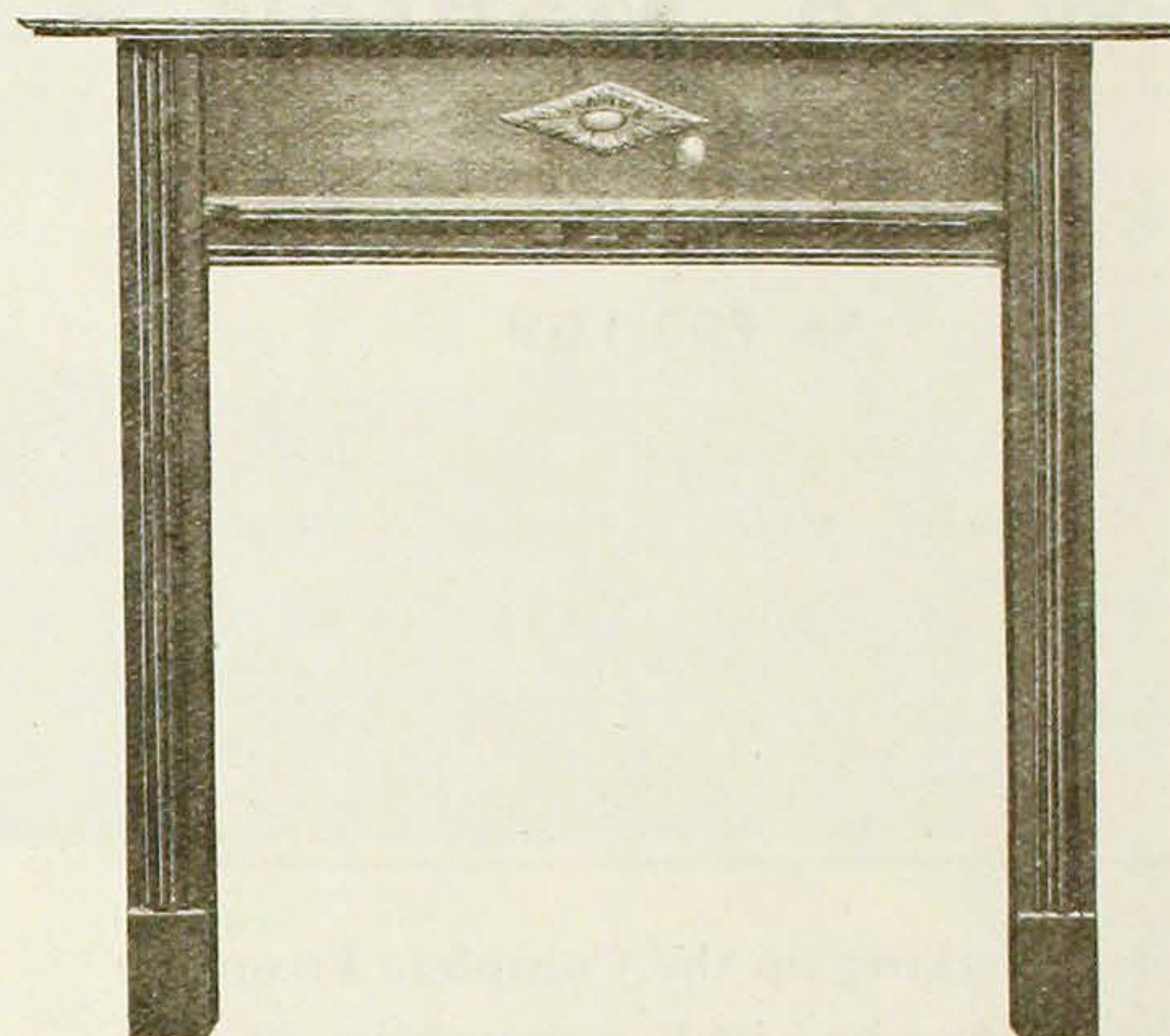
Tiles: If Briquette Pattern as shown, 10/3 extra; if Plain Enamels, 8/6 extra.

Wood Mantels

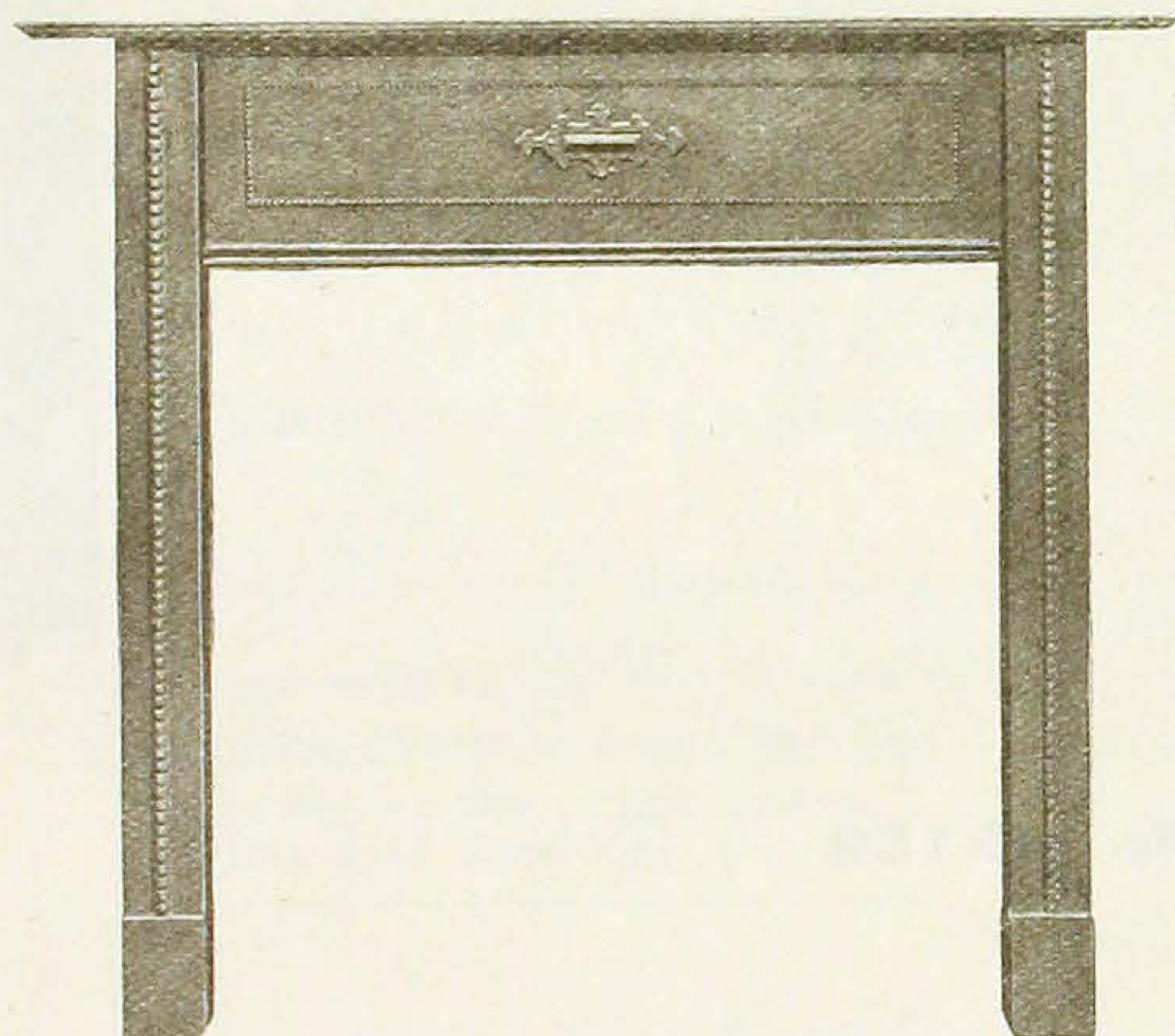


No. PGQ 150 Antique Oak. With opening 38" wide × 38" high. Height, 48". Shelf, 7" × 50" Width across Jambs, 43½". Jambs, 3" **Price £3 3 9**
Face of Base: To Face of Grate, 3"; to Face of Plaster, 4½"

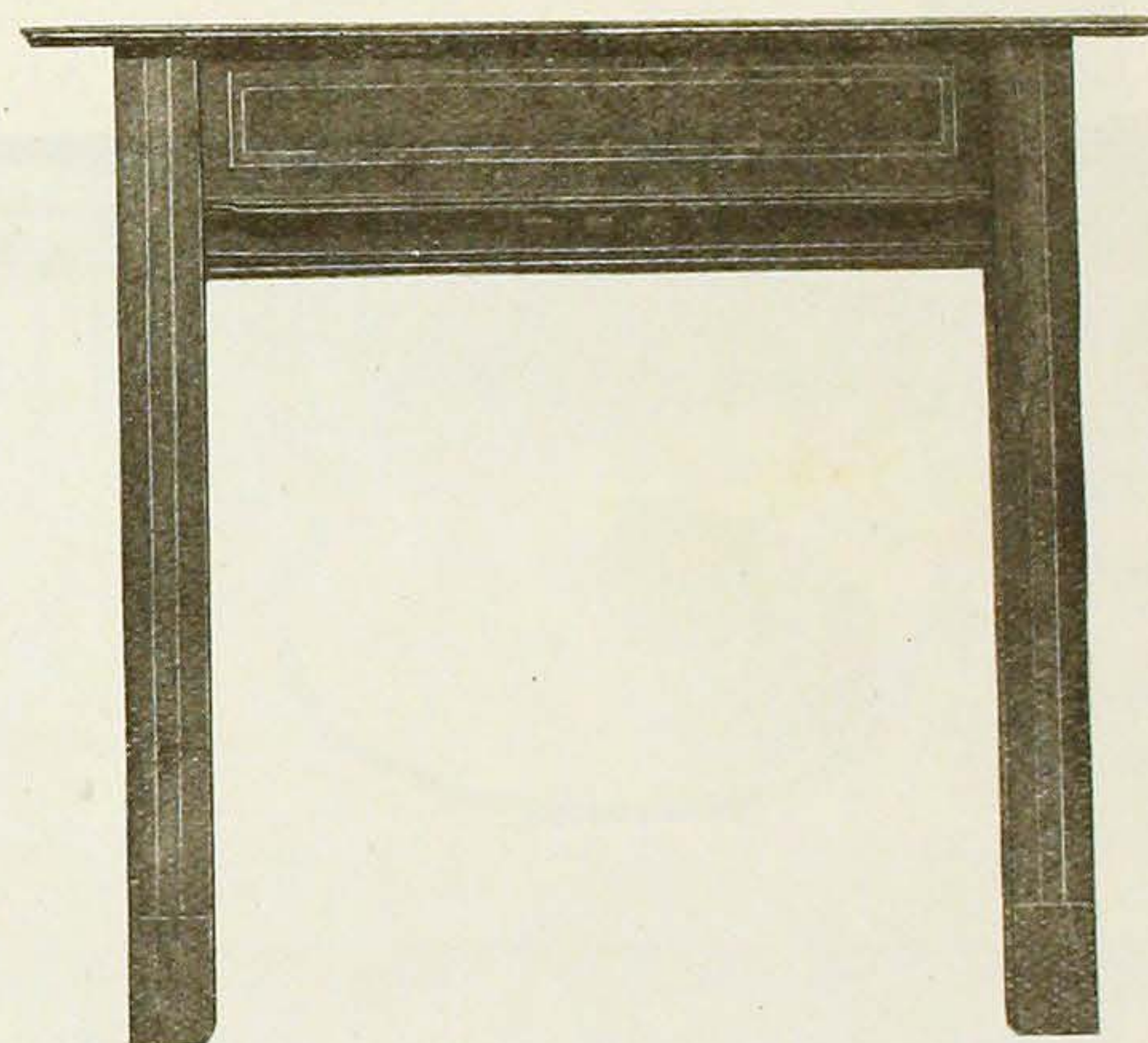
Mantels making up the Complete Fireplace Suites on the following pages may be had separately at the prices stated.



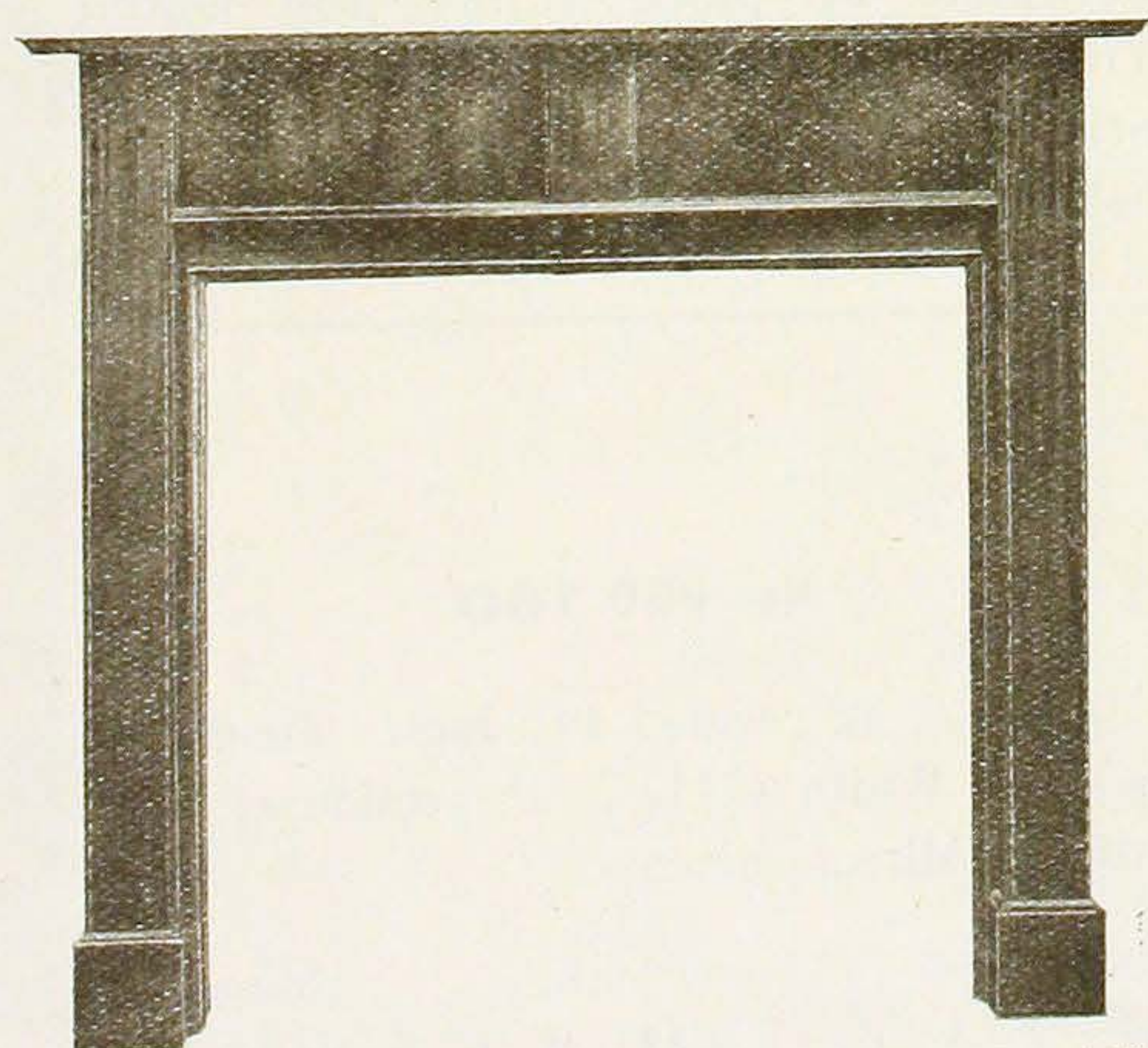
No. PGQ 151 Antique Oak. With opening 37½" wide × 37½" high. Height, 50". Shelf, 54" × 7½". Width across Jambs, 45½". Jambs, 4" **Price £4 9 3**
Face of Base: To Face of Grate, 2½"; to Face of Plaster, 5½"



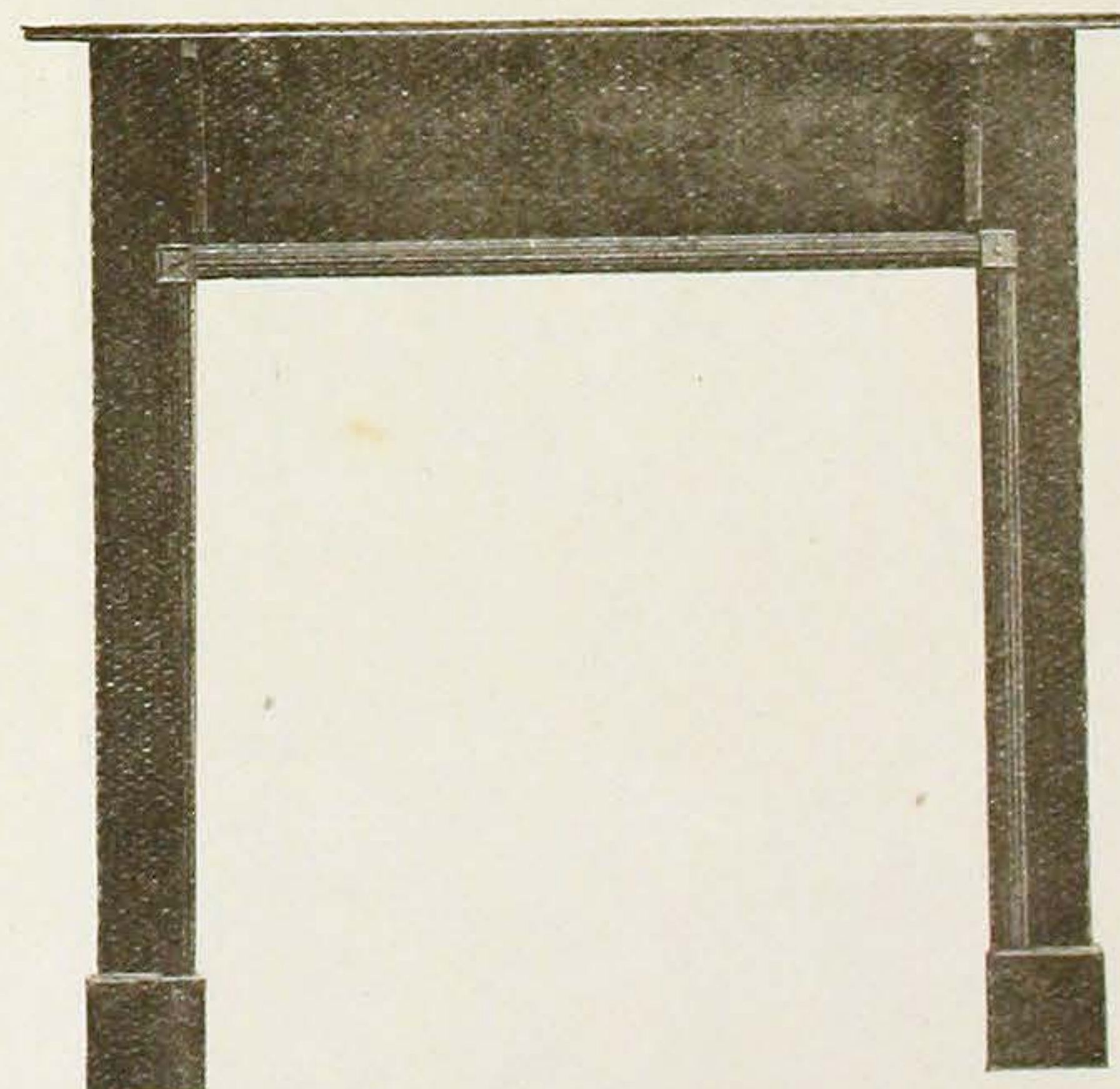
No. PGQ 152 Antique Oak. With Opening, 37½" wide × 37½" high. Height 50". Shelf 54" × 7½". Width across Jambs, 45½". Jambs, 4" **Price £4 9 3**
Face of Base: To Face of Grate, 2½"; to face of Plaster, 5½"



No. PGQ 153—Antique Oak Inlaid. With opening 37½" wide × 37½" high. Height 50". Shelf 54" × 7½". Width across Jambs, 45½". Jambs, 4" **Price £4 9 3**
Face of Base: To Face of Grate, 2½"; to Face of Plaster, 5½"



No. PGQ 154—Mahogany Mantel. With Opening 42" wide × 40" high. Height, 54". Shelf, 60" × 9". Width across Jambs, 55". Jambs, 5" **Price £6 11 9**
Face of Base: To Face of Grate, 3½"; To Face of Plaster, 5".



No. PGQ 155—Mahogany Mantel. With Opening 38" wide × 38" high. Height, 49". Shelf, 54" × 8½". Width across Jambs, 48". Jambs, 5" **Price £6 3 3**
Face of Base: To Face of Grate, 3½"; To Face of Plaster, 5".

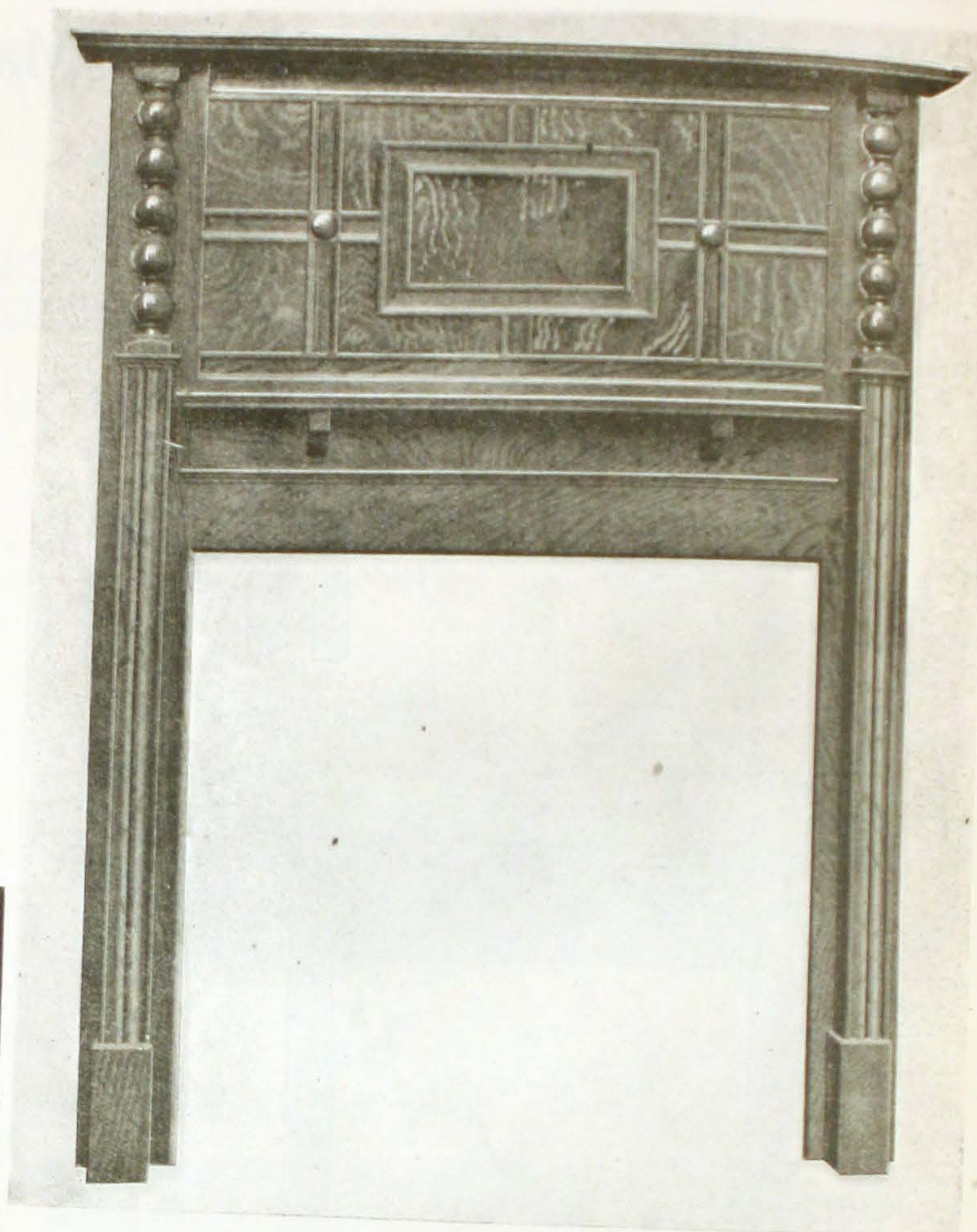
Wood Mantels

No. PGO 159

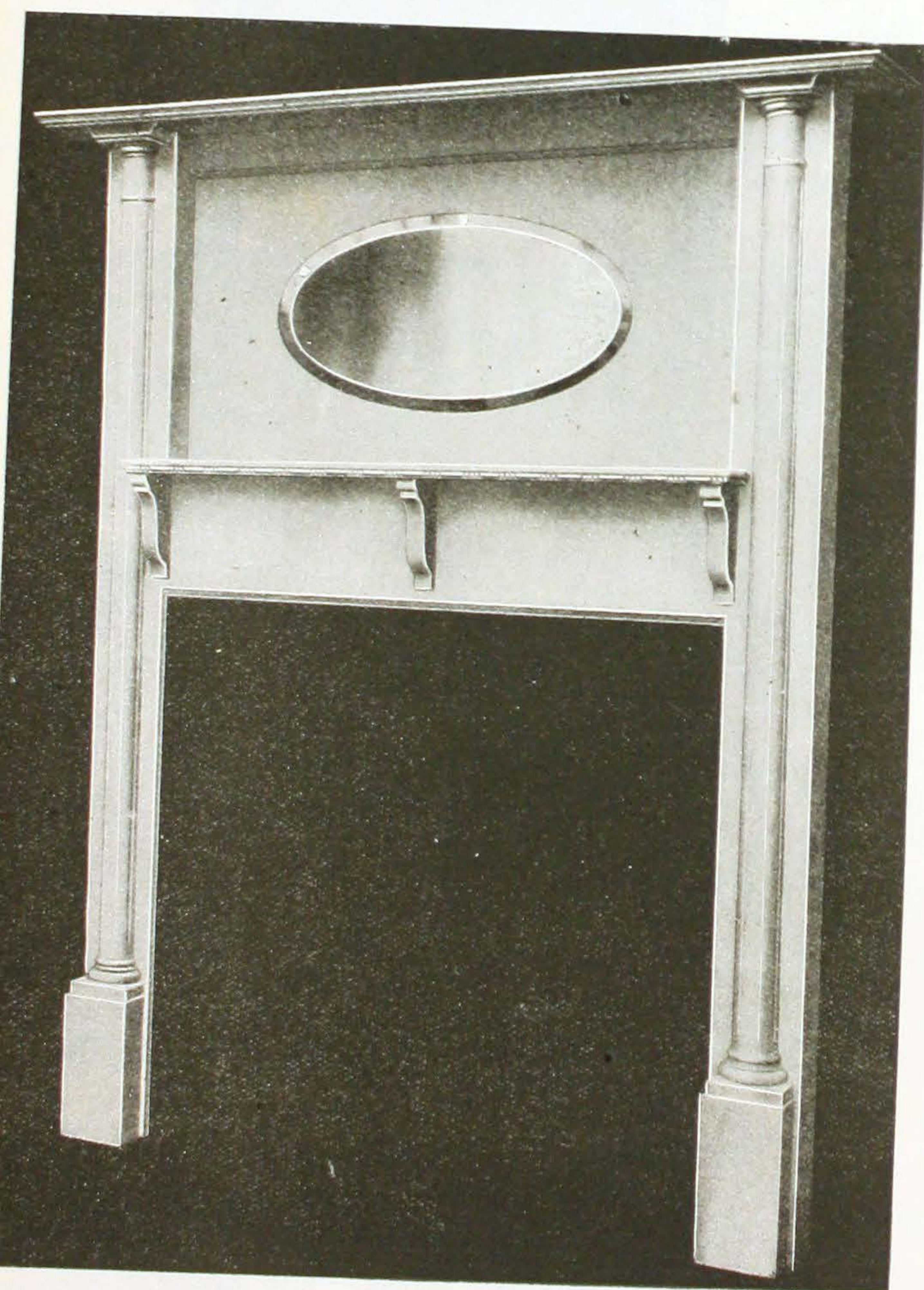
With Opening 42" wide $\times$ 40" high. Height 6' 0".
Jambs, 6". Width 4' 10". Projection at Base 6½".

In Jacobean Oak, £11 9 6

Mantels making up the Complete Fireplace Suites may be had separately at the prices stated.



No. PGO 159 In Jacobean Oak only.



No. PGO 160 White Wood, Oak or Mahogany.

A large and varied stock of Mantels, Complete Fireplace Suites, and Dutch Tile Fireplaces may be seen at our Broad Street Showrooms. Stocks are also held at any of the Branch Addresses.

No. PGO 160

With Opening 42" wide $\times$ 40" high. Height 6' 0".
Jambs, 5½". Width 4' 11½". Projection at Base, 7¼".
Inclusive of Mirror shewn.

White Wood.	Oak.	Mahogany.
£7 9 3	£11 9 6	£16 1 3

Wood Mantels

No. PGS*156 With Opening 38" wide x 38" high.
Height, 5' 10" Jambs, 6". Width, 4' 8". Projection
at Base, 3½"

Inclusive of Mirror shewn.

White Wood.	Oak.	Mahogany.
£5 14 9	£7 9 2	£10 14 3
each.	each.	each.

*Stocked only in Oak.

No. PGS*157—With Opening 38" wide x 38" high.
Height, 4' 2". Jambs, 4". Shelf, 4' 3" x 7". Pro-
jection, 3¾"

White Wood.	Jacobean Oak.	Fumed Oak.
£1 18 3	£2 15 6	£2 15 6 each.

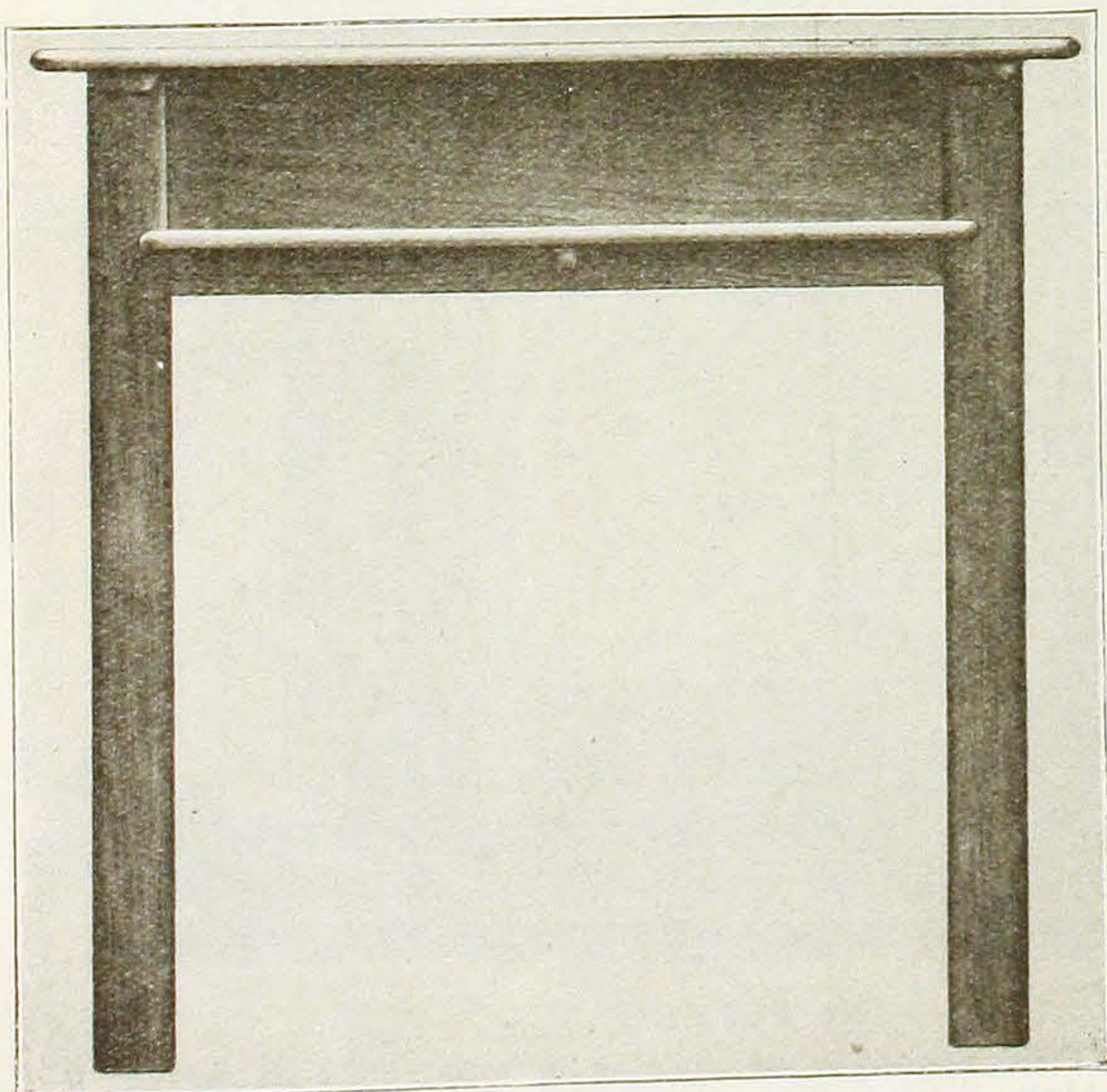
* Stocked only in White Wood and Jacobean Oak.

No. PGS*158—With Opening 38" wide x 38" high.
Height, 4' 3". Jambs, 4". Top Shelf, 4' 2" x 7"
Bottom Shelf, 3' 2" x 3".

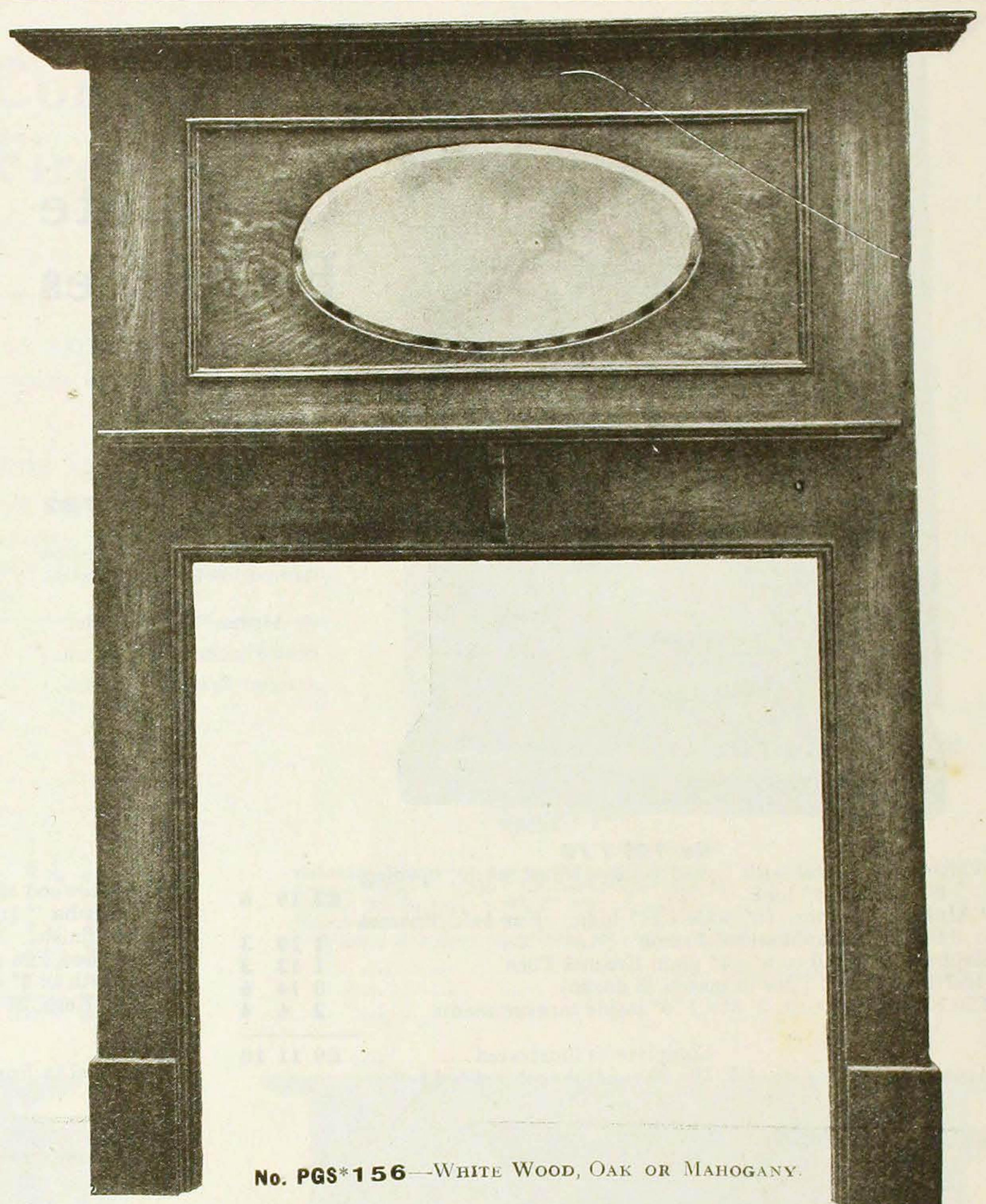
White Wood.	Jacobean Oak.	Fumed Oak.
£1 15 9.	£2 6 9	£2 6 9 each.

*Stocked only in White Wood and Jacobean Oak.

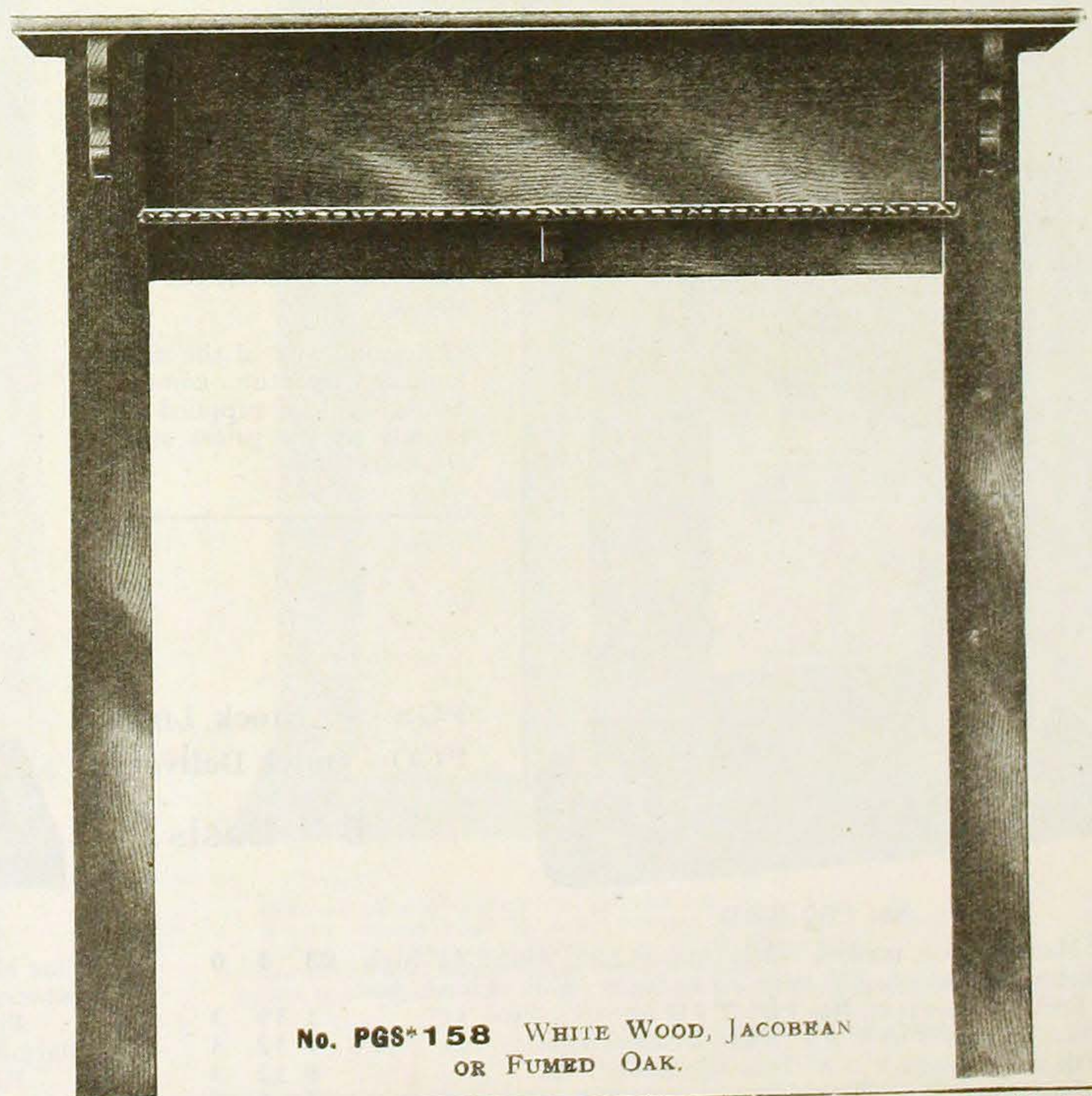
Mantels making up the Complete
Fireplace Suites may be had
separately at the prices stated.



No. PGS*157—WHITE WOOD, JACOBEBAN
OR FUMED OAK.

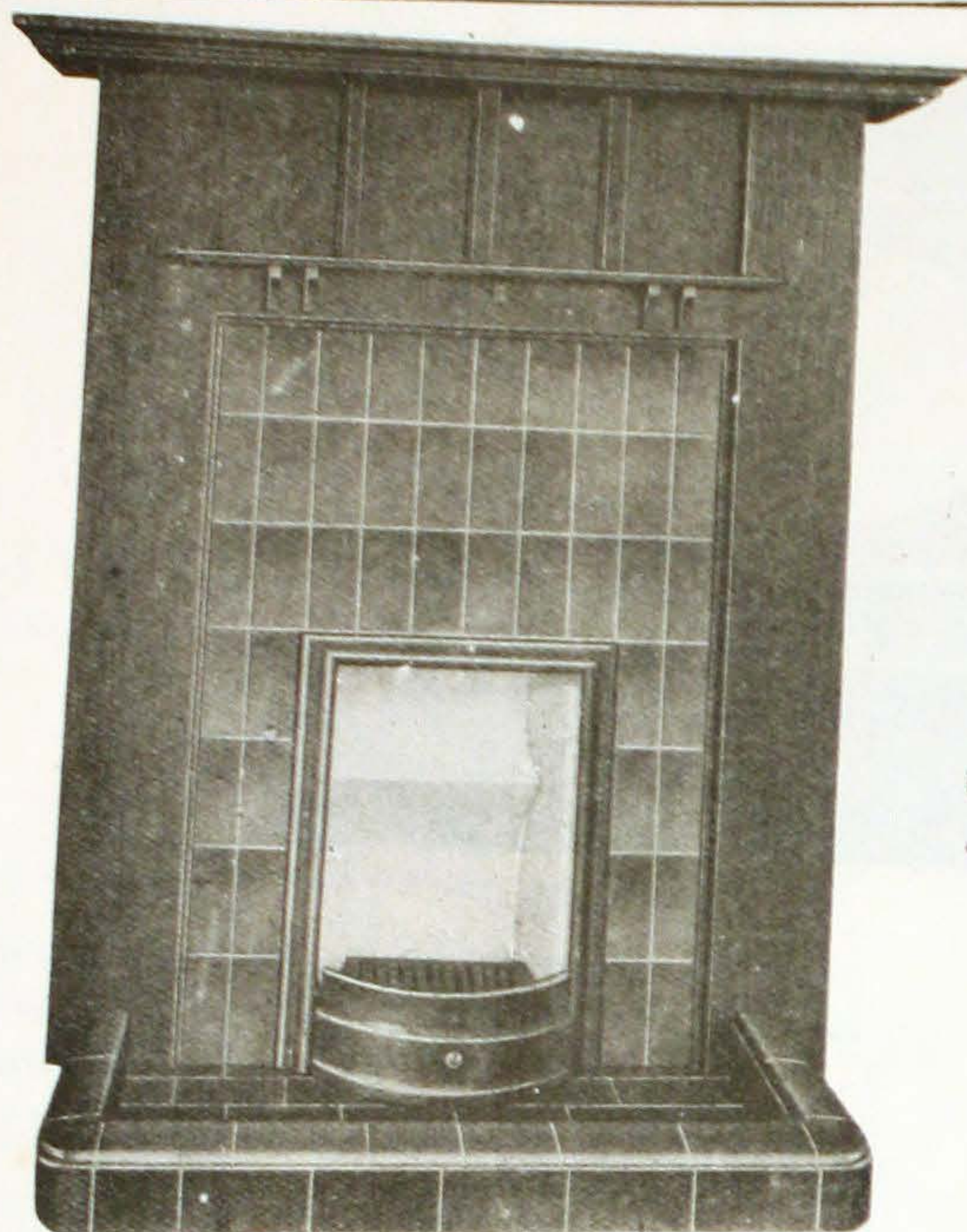


No. PGS*156—WHITE WOOD, OAK OR MAHOGANY.



No. PGS*158 WHITE WOOD, JACOBEBAN
OR FUMED OAK.

"B" Basis.



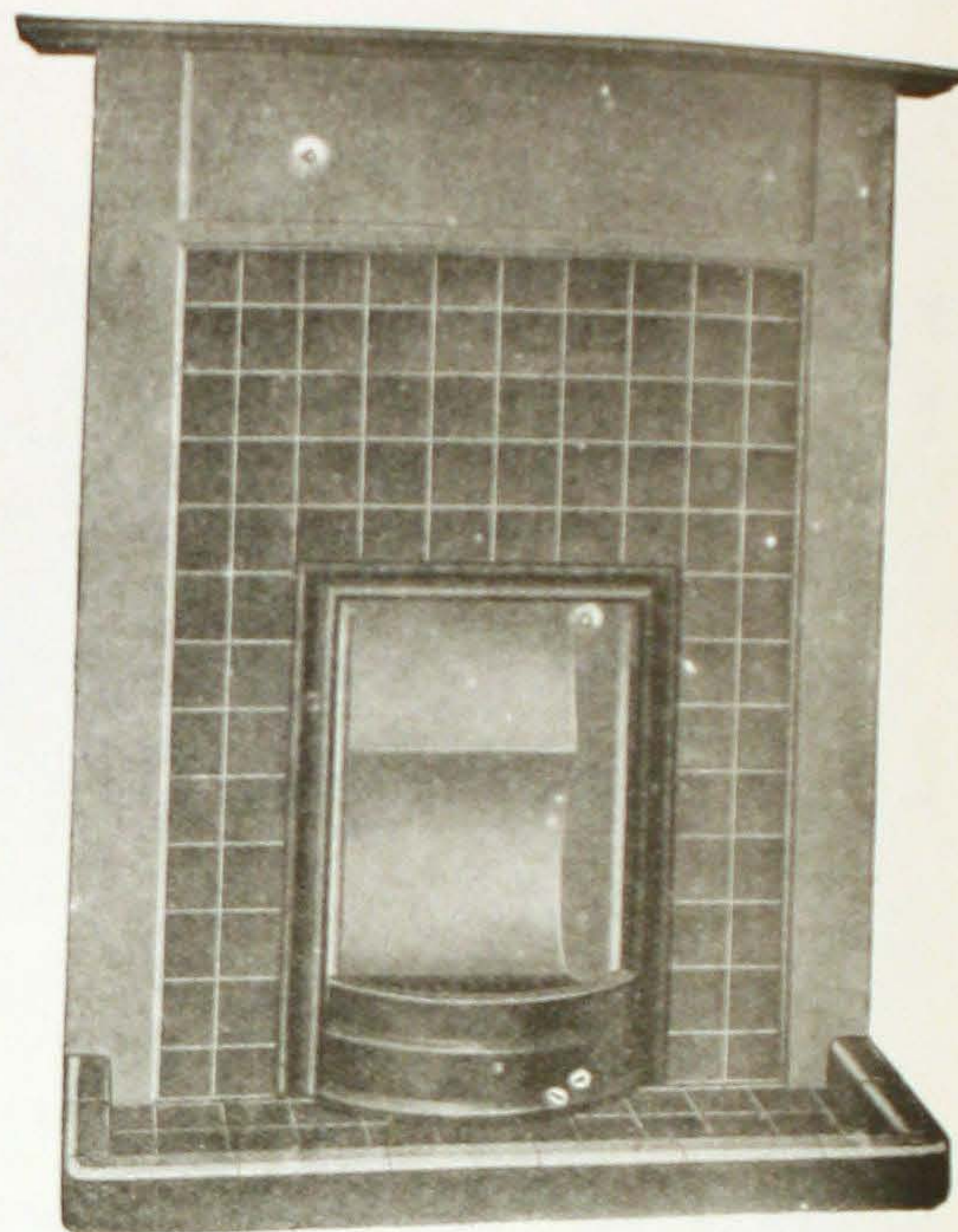
Complete Fireplaces

Fitted with
"ALPHA"
INTERIORS.

Extras applicable to
Nos. PGS 779 & PGS 782

"Alpha" Interior finished
Armour Bright, 3/6 extra.

"Alpha" Fire Table.
Best Blacked, 8/6 extra.
Armour Bright, 9/6 extra.



No. PGS 779

Whitewood Mantel with Coved Back, primed white, opening 30" wide x 42" high	£2 19 6
"Alpha" Interior, 18" wide x 24" high. Fire 14". Enamel Black Finish, Moulded Frame	1 19 3
Slabbed Surround in 6" x 3" plain Enamel Tiles	1 12 3
Hearth of 6" x 3" Tiles to match (3 dozen)	0 14 6
Tile Kerb, 3" section, 3' 6" x 1' 0" inside measurements	2 6 4

Complete as illustrated

Mantel in Fumed Oak, £5 19 0 Mahogany, £6 11 9

No. PGS 782

Whitewood Mantel, primed white, opening 30" wide x 42" high	£1 7 3
"Alpha" Interior, 18" x 24" high, Fire 14". Enamel black finish. Moulded Frame	1 19 3
Slabbed Tile Surround in 3" x 3" best Enamel Tiles	1 12 3
Hearth of 3" x 3" Tiles to match (6 dozen)	0 14 6
Tile Kerb, 3" section, 3' 6" x 1' 0" inside measurements	2 6 4

Total

Mantel in Fumed Oak, £2 11 0 Mahogany £4 5 0

PLEASE NOTE.

That the prices for the Complete Suites include the Curb shewn.

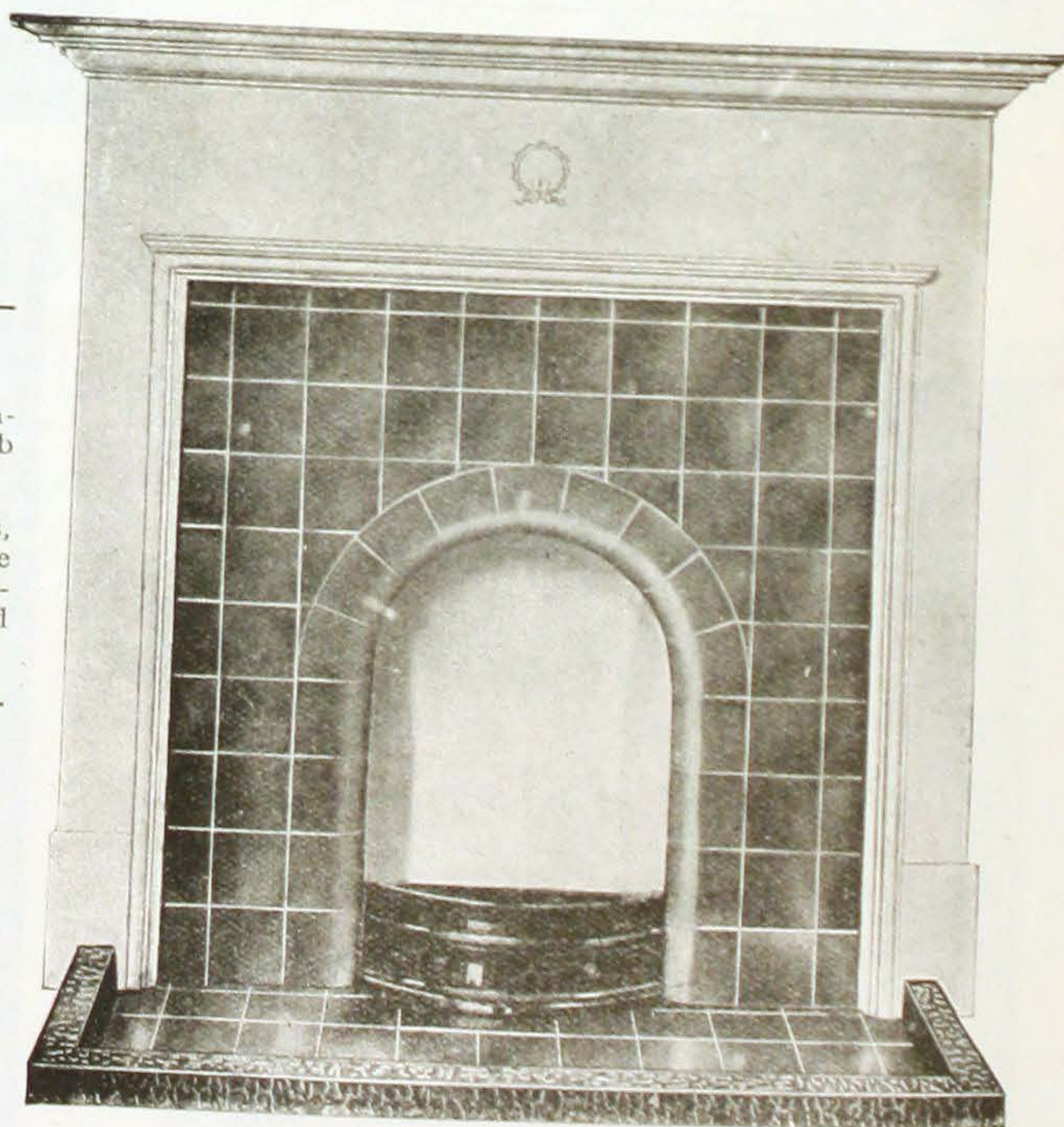
If desired, any of the items, making up the complete Suites, will be supplied separately at the prices stated for each.

PGS - Stock Lines.
PGQ - Quick Delivery.

"B" Basis.

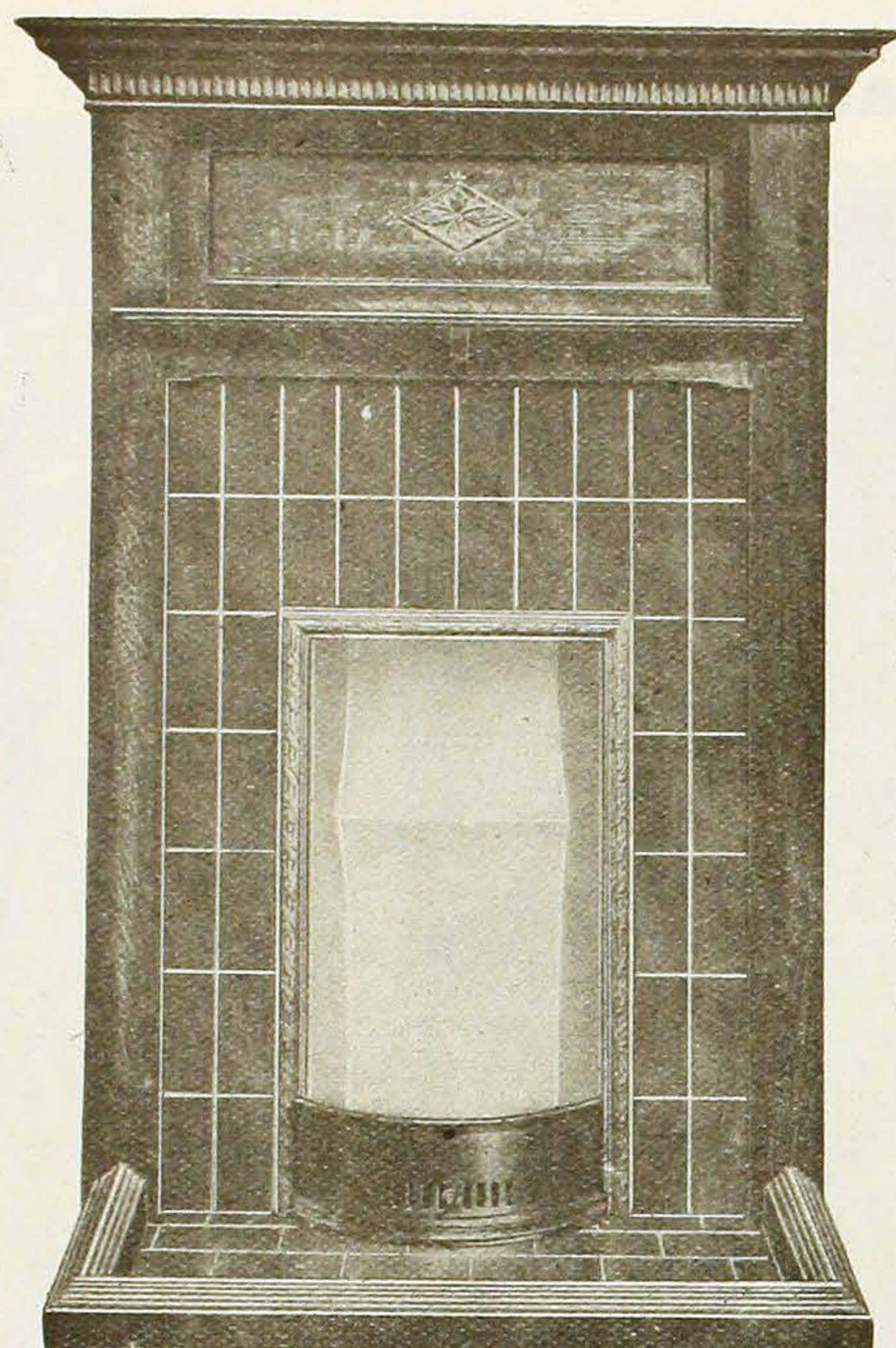
No. PGQ 689

Pine Mantel Piece, primed White, opening 30" wide x 42" high	£3 4 0
"Alpha" Interior, 18" wide x 24" high. B.B. Finish and Fret, as shewn in No. PGS 779 above. Fire, 14"	1 19 3
Slabbed Surround in 6" x 3" Plain Enamel Tiles	1 12 3
Hearth of 2½ dozen 6" x 3" Tiles to match	0 12 3
Cast Iron Curb, 36" x 9" inside measurements	1 0 6
Complete as illustrated	£8 8 3



No. PGS 698

Pine Mantel Piece, primed White, opening 38" wide x 38" high	£2 18 0
Interior, "Alpha" Brick, Bottom and Armour Bright Fret, Fire 16"	1 8 3
Slabbed Tile Surround, in Special Quality Antique Tiles and	4 5 0
Hearth of 4" x 4" Tiles to match	1 3 0
Curb, Antique Copper Finish, 36" x 12" inside, 2" x 2" section	1 3 0
Complete as illustrated	£9 14 3



No. PGO 941

Jacobean Oak Mantel with opening 30" wide x 42" high	£	s.	d.
Interior in Rustless Steel, slightly different design on Frame from that shewn	6	16	0
Solid Brick Back and Fret Armour Bright Finish, 18" wide x 30" high, 14" Fire	8	11	0
Slabbed Tile Surround of 6" x 3" Plain Enamel Tiles	1	12	0
Hearth of 6" x 3" Tiles to match (3 dozen)	0	14	6
Jacobean Oak Curb, 3" section, 36" x 12" inside, lined Copper	1	13	3

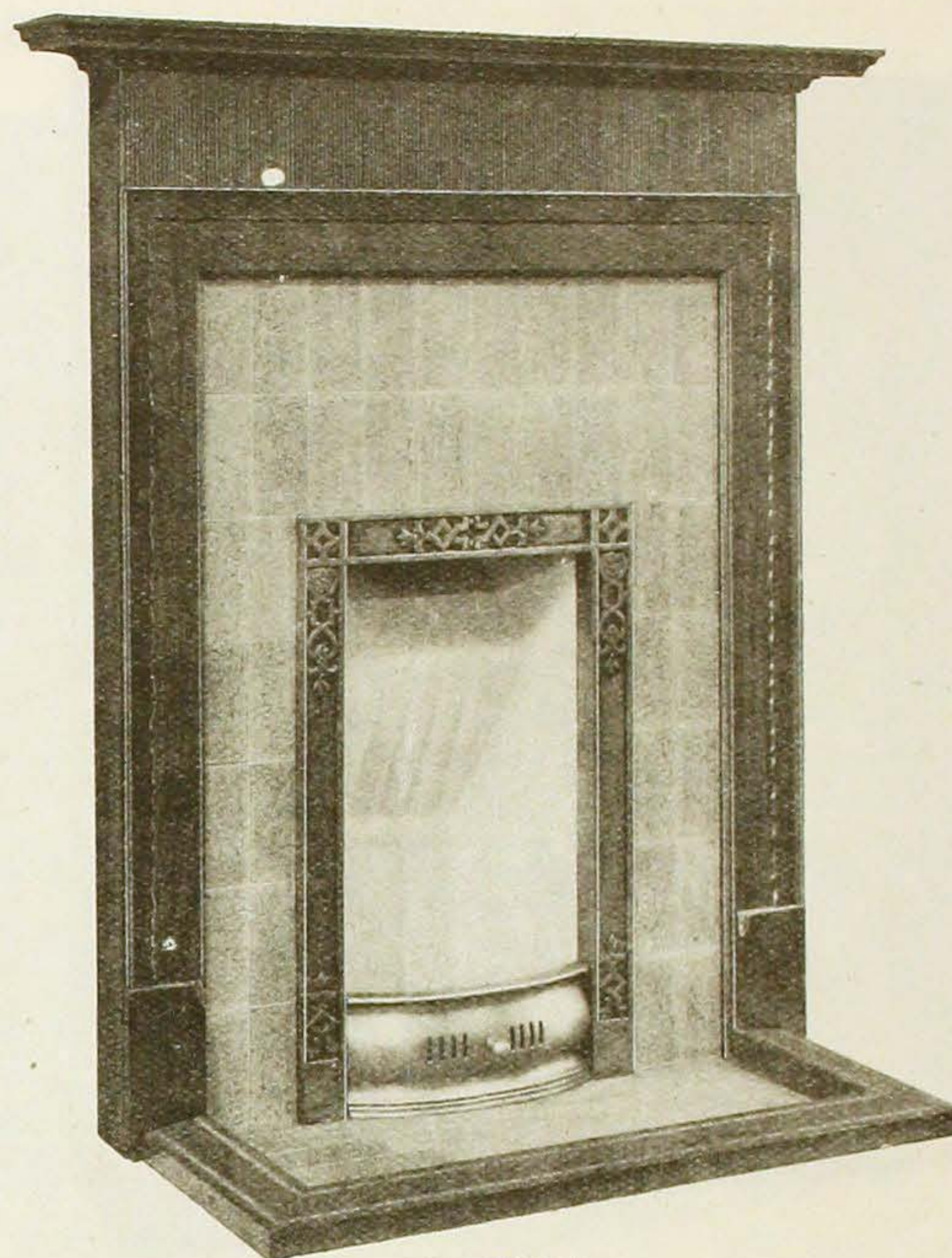
Complete as illustrated £17 0 9

Complete Fireplaces

PLEASE NOTE that the prices for the Complete Suites include the Curb shewn.

CURBS AND SURROUNDS.

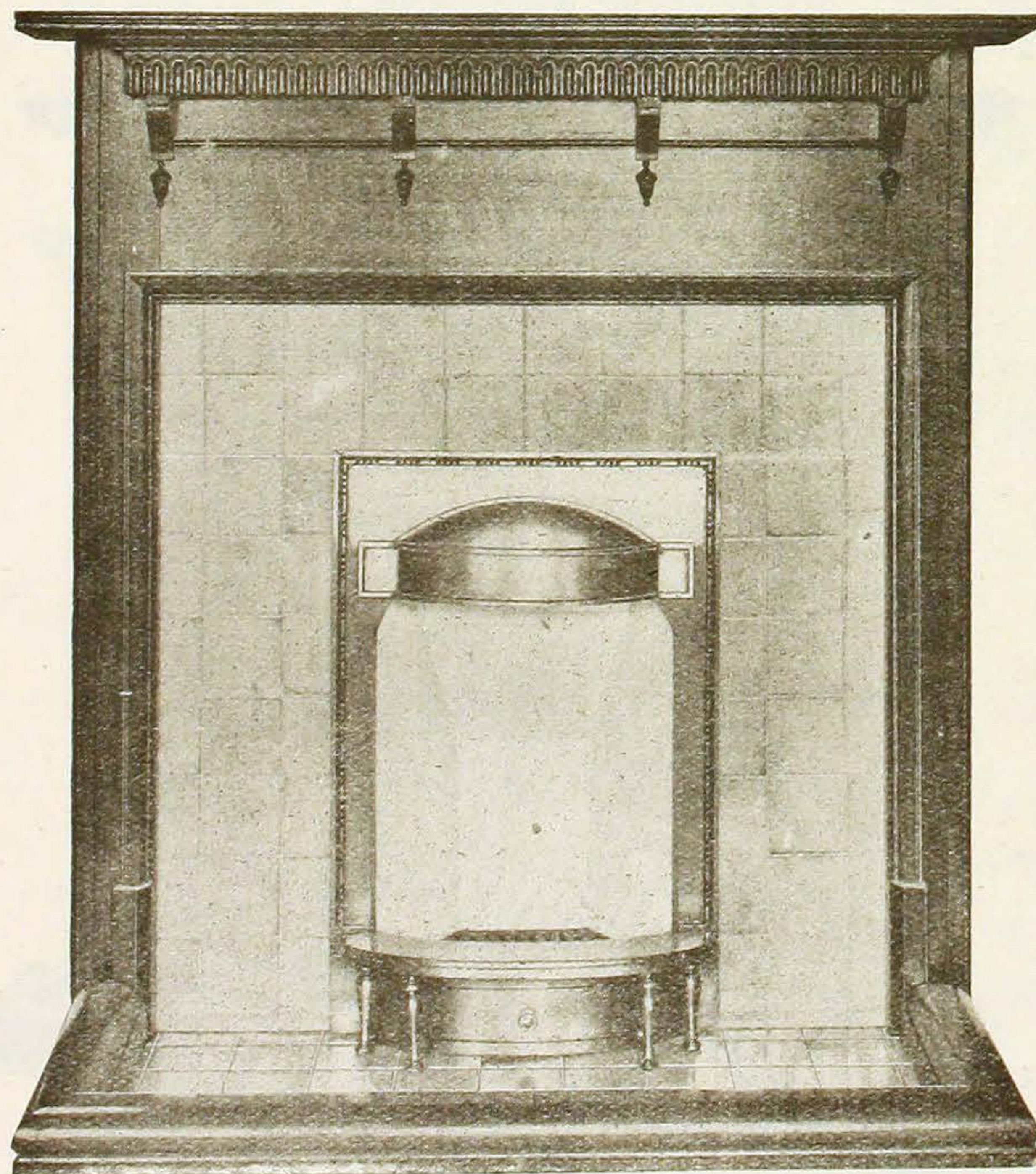
If desired, any of the items, making up the Complete Suites, may be supplied separately at the prices stated for each.



No. PGQ 953

Mahogany Mantel with opening 30" wide x 42" high	£	s.	d.
Armour Bright "Carlton" Interior 19" x 28", Fire 14"	7	8	9
Slabbed Tile Surround in 6" x 3" Bright Agate Tiles	4	3	6
Hearth of 6" x 3" Tiles to match (3 dozen)	2	3	6
Curb Inlaid Mahogany, lined Brass, 30" x 12" inside measurements	1	3	0

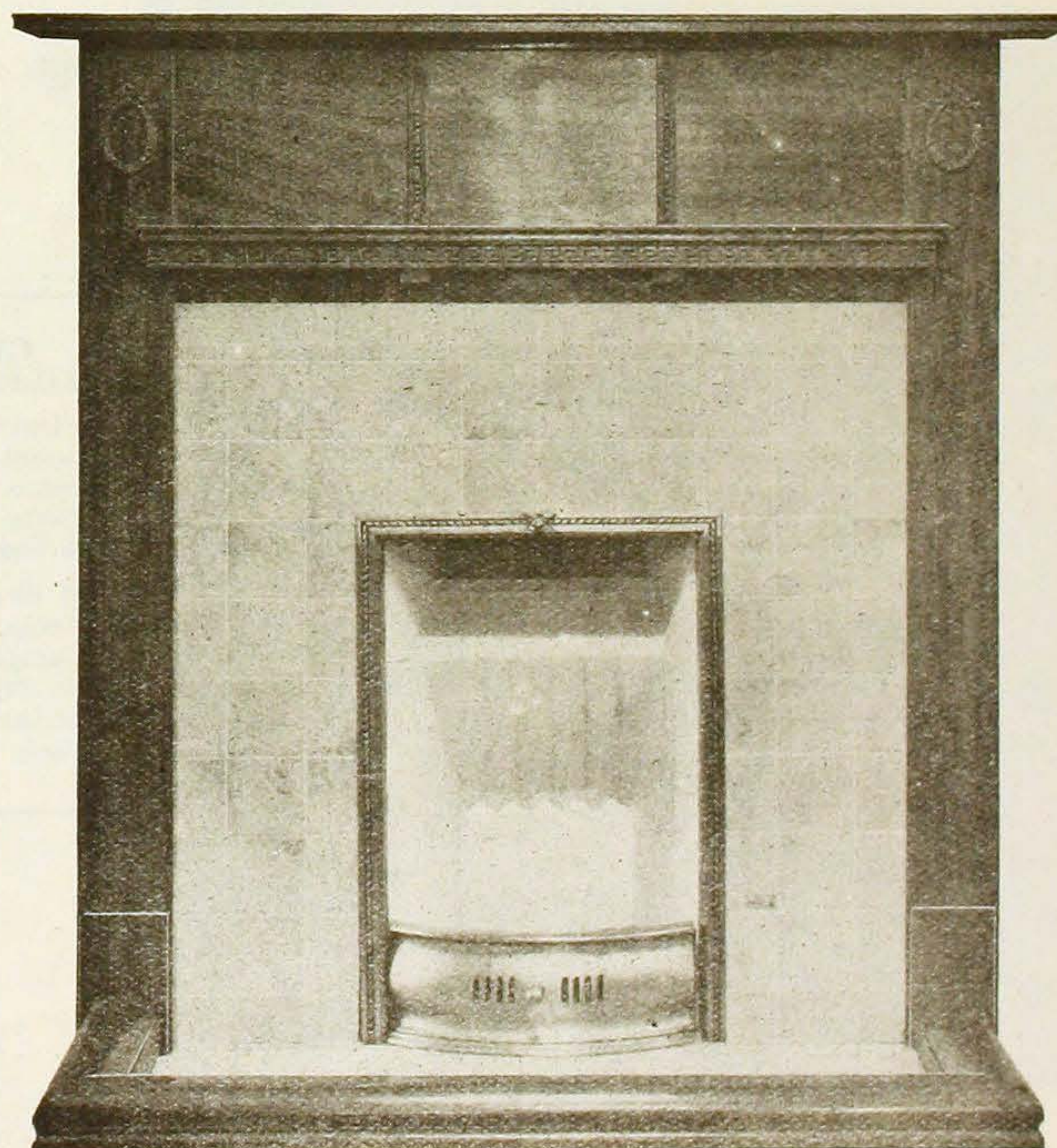
Complete as illustrated £16 12 0



No. PGO 943

Jacobean Oak Mantel with opening 38" wide x 38" high	£	s.	d.
Armour Bright Interior, 20" x 30" including Table Trivet, 16" Fire	6	13	6
Slabbed Tile Surround in Blue Grey Tiles, 4" x 4"	7	13	6
Hearth of 4" x 4" Tiles to match (4 dozen)	3	6	0
Curb in Jacobean Oak, 3" x 3" section, 40" x 12" inside measurements, lined Copper	1	12	9
	2	0	0

Complete as illustrated £21 5 9

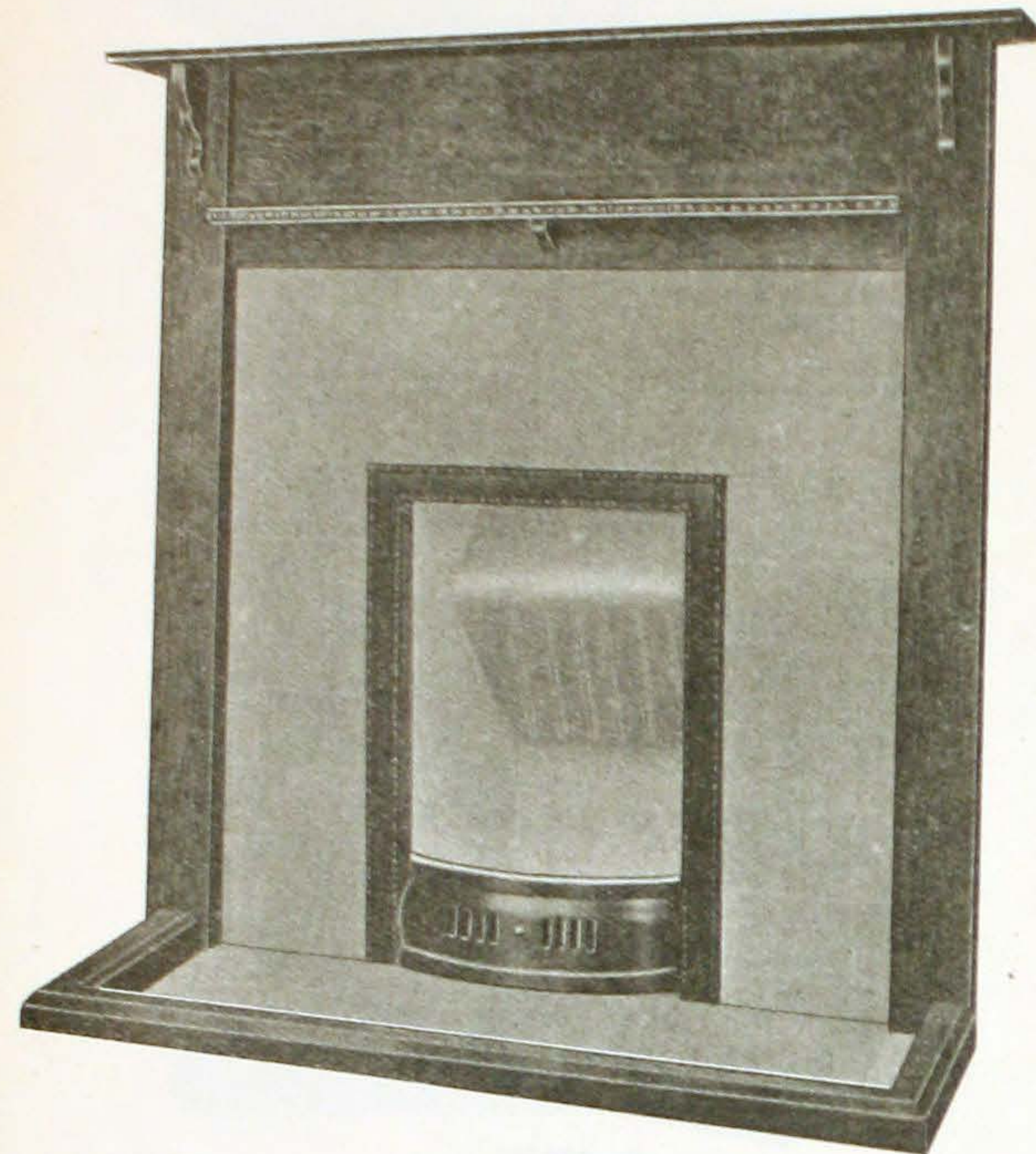


No. PGQ 955

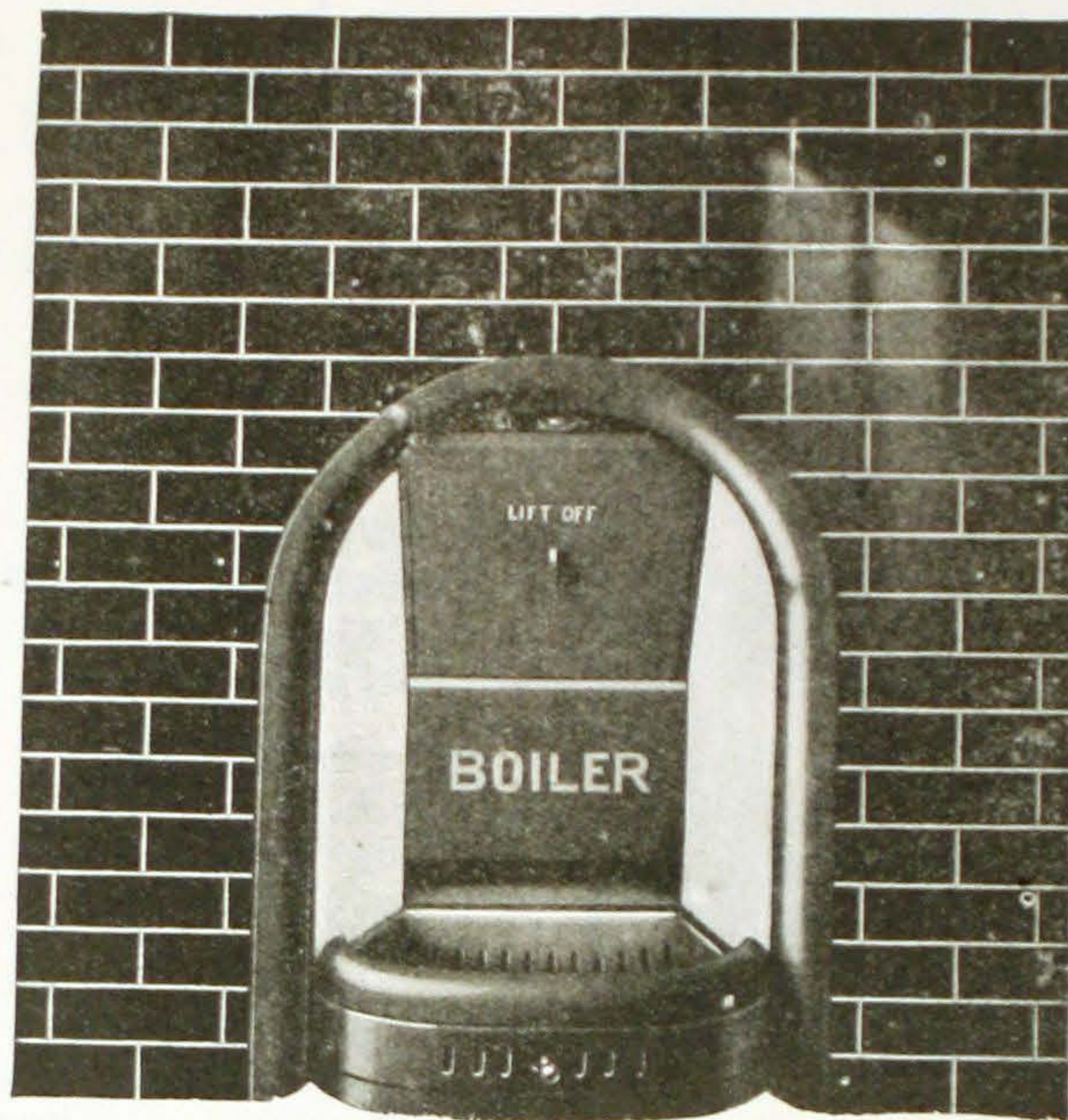
Mahogany Mantel with opening 38" wide x 38" high	£	s.	d.
Interior Armour Bright, 19" wide x 27" high, 16" Fire	6	8	6
Slabbed Tile Surround of Yellow Green, 4" x 4" Dutch Tiles	4	13	6
Hearth of 4" x 4" Dutch Tiles to match (4 dozen)	4	0	6
Curb in Mahogany, lined Copper, 3" x 3" section, inside measurements 40" x 12"	2	2	6
	2	12	9

Complete as illustrated £19 17 9

Complete Fireplaces, etc.



No. PGS 1063		£	s.	d.
Jacobean Oak Mantel with opening 38" x 38"		2	6	9
Interior "Carlton" 20" wide x 27" high. Fire 16", in best Ground and Blacked Finish		4	9	3
Surround 38" x 38" in 4" x 4" Antique Buff Tiles		4	11	0
Hearth of 3½ dozen Tiles to match		1	7	6
Curb 42" x 12" inside measurements, 3" section, Jacobean Oak, lined Brass		1	11	6
Complete Suite as illustrated		£14	6	0

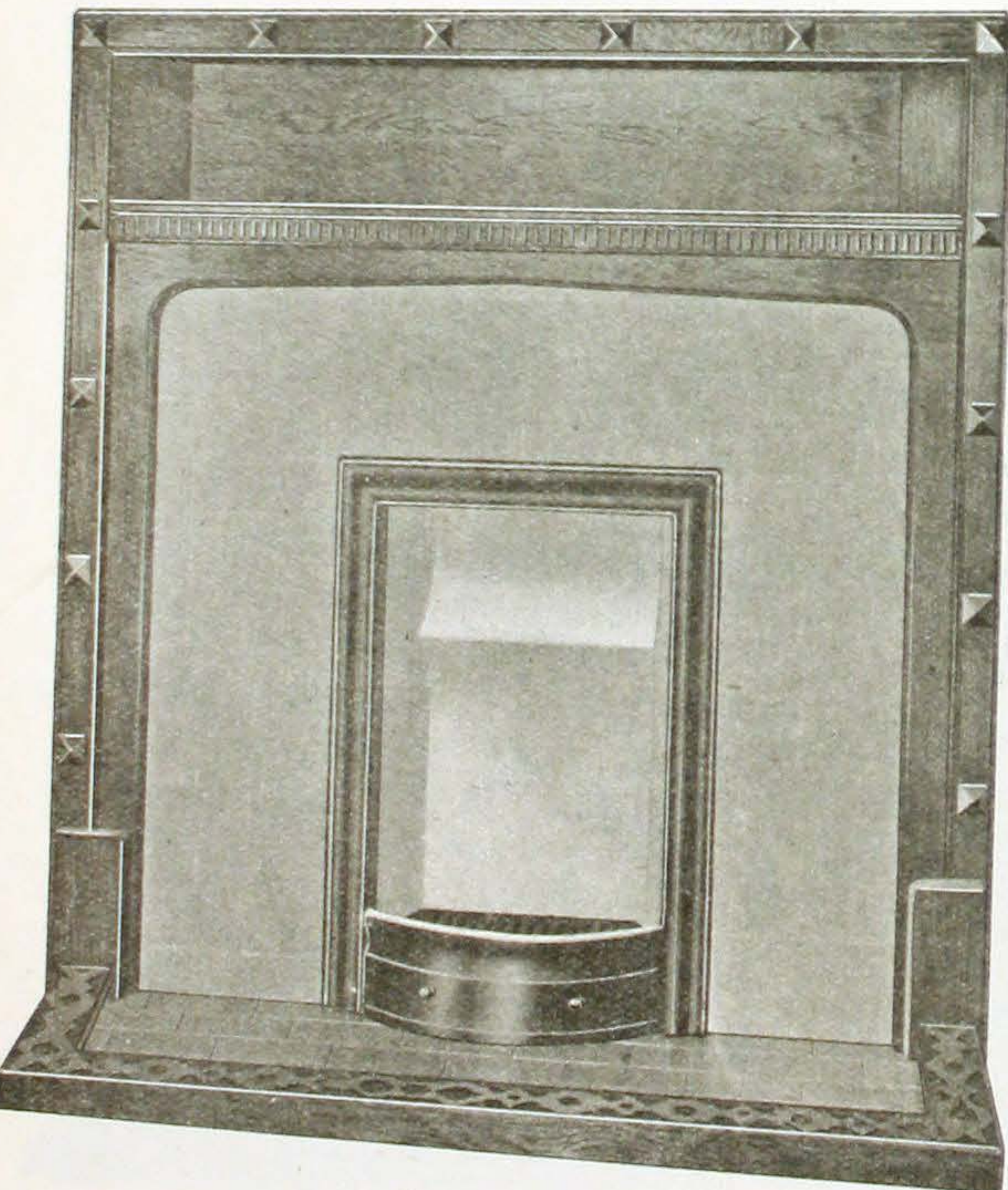


No. PGS 1002		£	s.	d.
Self-contained Boiler Flue and Surround. Set of "Forward" Hearth Fire, which includes Arch Frame, Flaps and Flues, Bottom Grate and Fret (as shown in PGS1061 below, and not as above) in B.B. Finish. Fire 16"		2	6	0
Wrot. Welded Boiler		1	0	0
Tile Surround in Plain Enamel Tiles, 38" x 38"		2	6	0
		£5	12	0



If Arch Frame and Fret supplied in Armour Bright Finish, 2/- extra.

Note.—The above Self-contained Boiler Flue is similar to that priced in Suite PGS 1061 below.

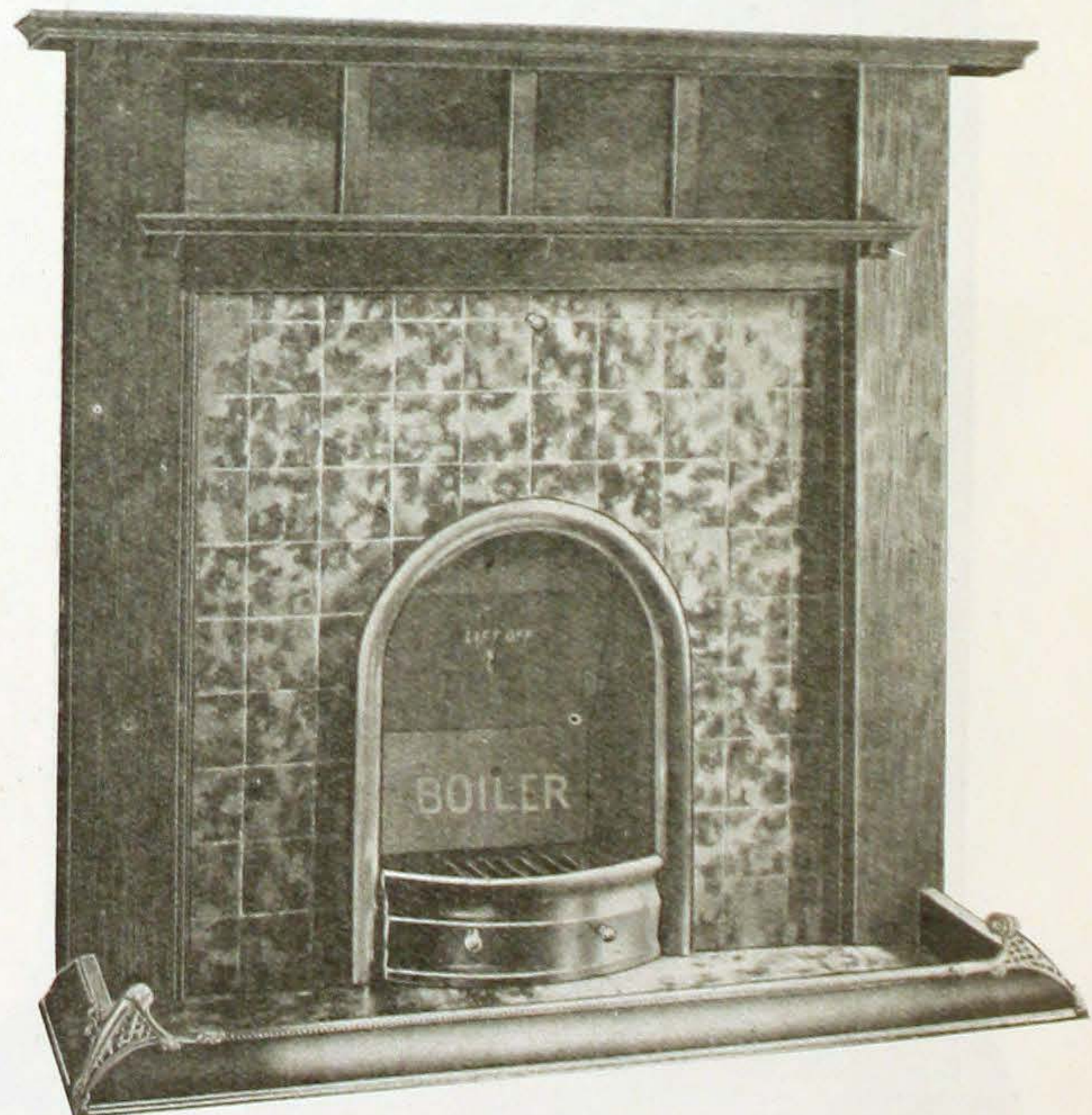


No. PGS 1062		£	s.	d.
Jacobean Oak Mantel with opening 42" x 40"		9	3	7
Alpha "Interior 21½" wide x 30" high. Fire 16"		2	9	6
Surround in 6" x 3" Velmat Tiles. Best Quality		3	2	6
Hearth of 3 dozen Best Quality Tiles to match		1	7	3
Curb: Jacobean Oak, 3" section 3' 10" x 12" inside measurements. Lined Brass		2	1	8
Complete Suite as illustrated		£18	4	6

CURBS AND TILE SURROUNDS

Please note that the prices for the Complete Suites include the Curbs shown, except in Suite No. PGS 1061.

If desired any of the items, making up the Complete Suites, may be supplied separately at the prices stated for each.



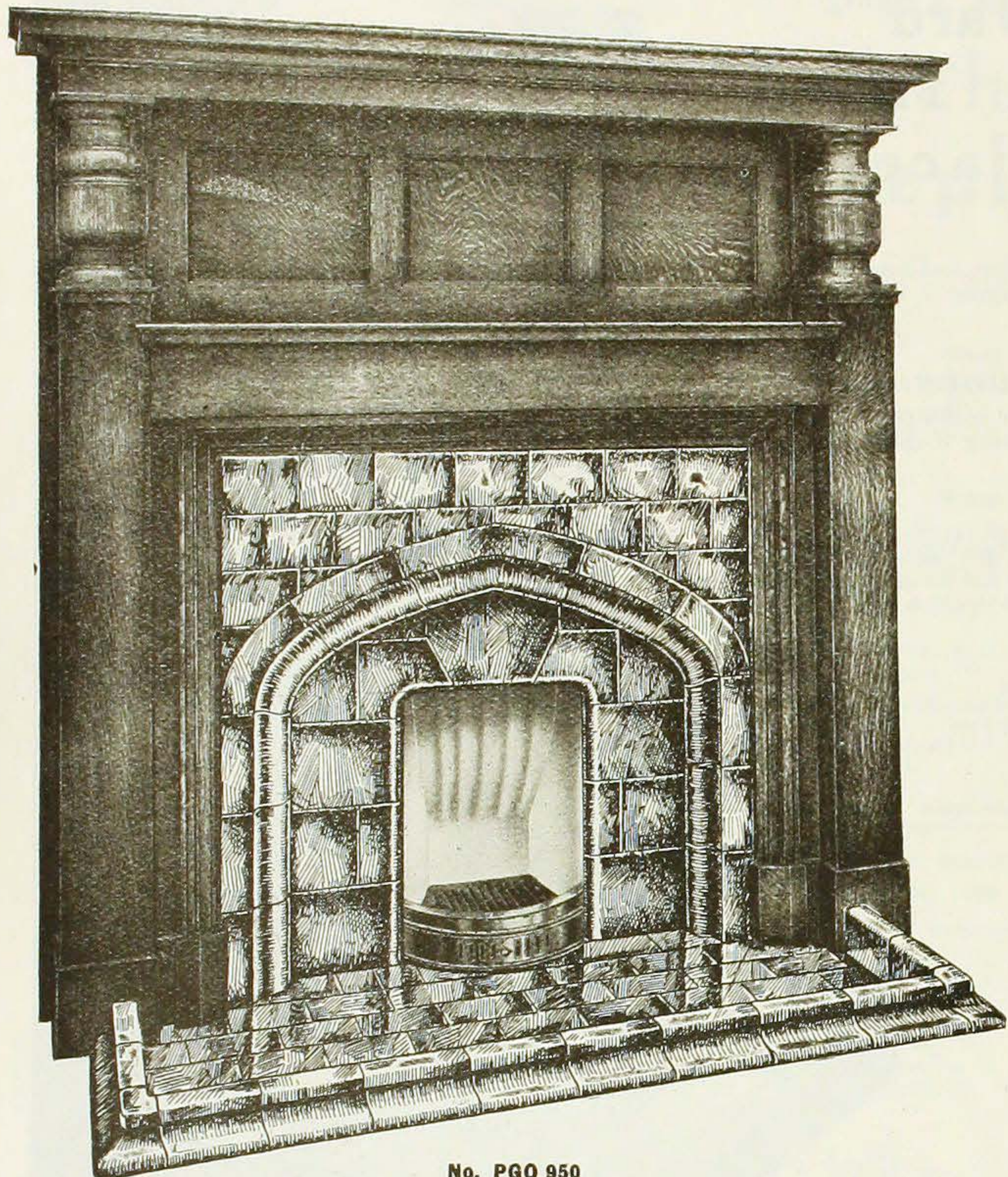
No. PGS 1061		£	s.	d.
Jacobean Oak Mantel with opening 38" x 38"		5	19	0
Interior Set of "Forward" Hearth Fire, which includes Arch Frame, Flaps and Flues. Bottom Grate and Fret in Best Blacked Finish. Fire 16"		2	6	0
Wrought Welded Boiler		1	0	0
Tiled Surround in 4" x 4" Antique Tiles, 40" x 40"		3	14	10
Hearth of 4 dozen Tiles to match		1	7	10
		£14	7	8

If Arch Frame and Fret supplied Armour Bright 2/- extra.
Curb 42" x 12" inside; Oxidized Silver Finish, extra, £7 9 6

"B" Basis.

All PGS—Stock Lines.

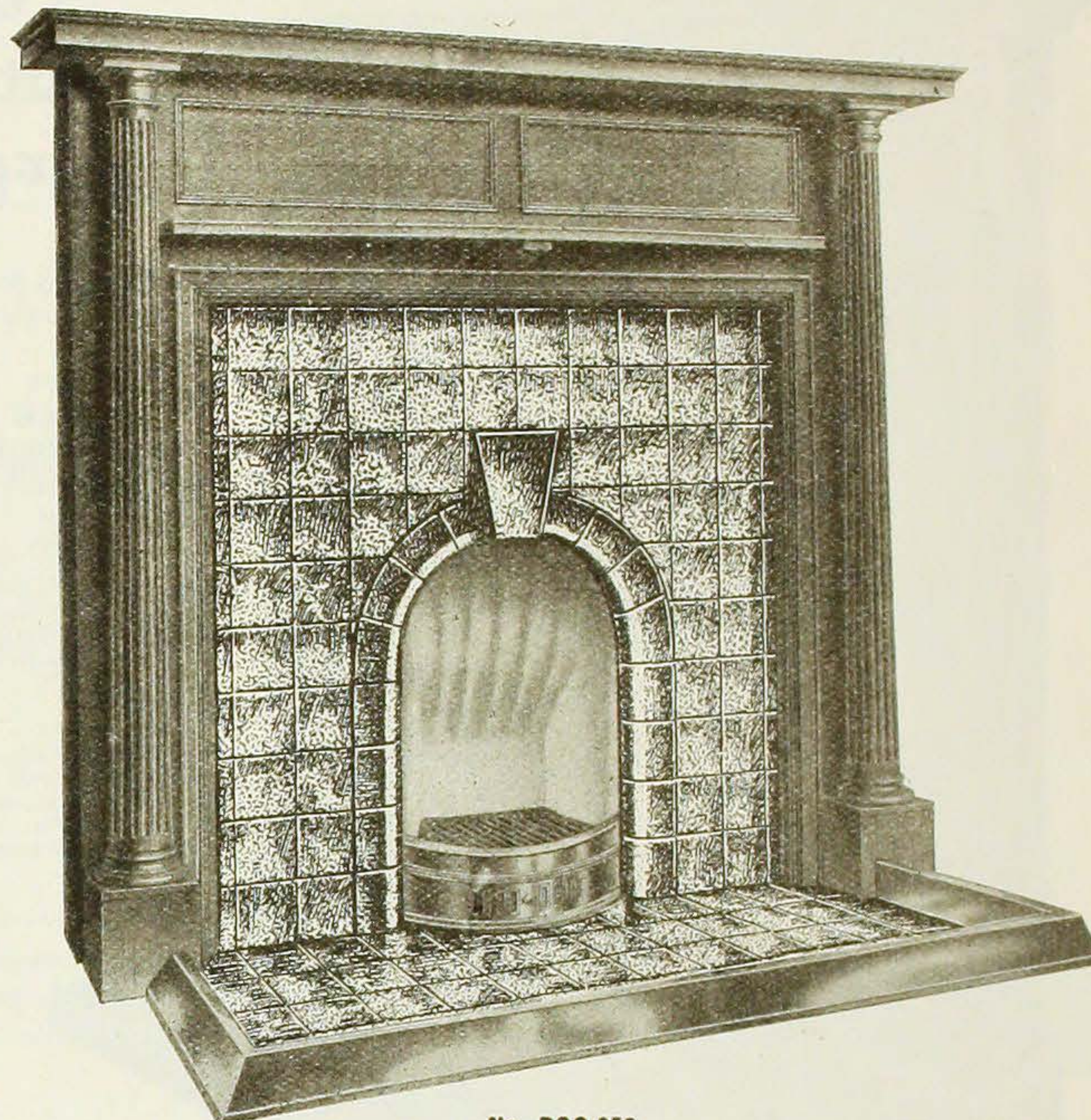
Complete Fireplaces



No. PGQ 950

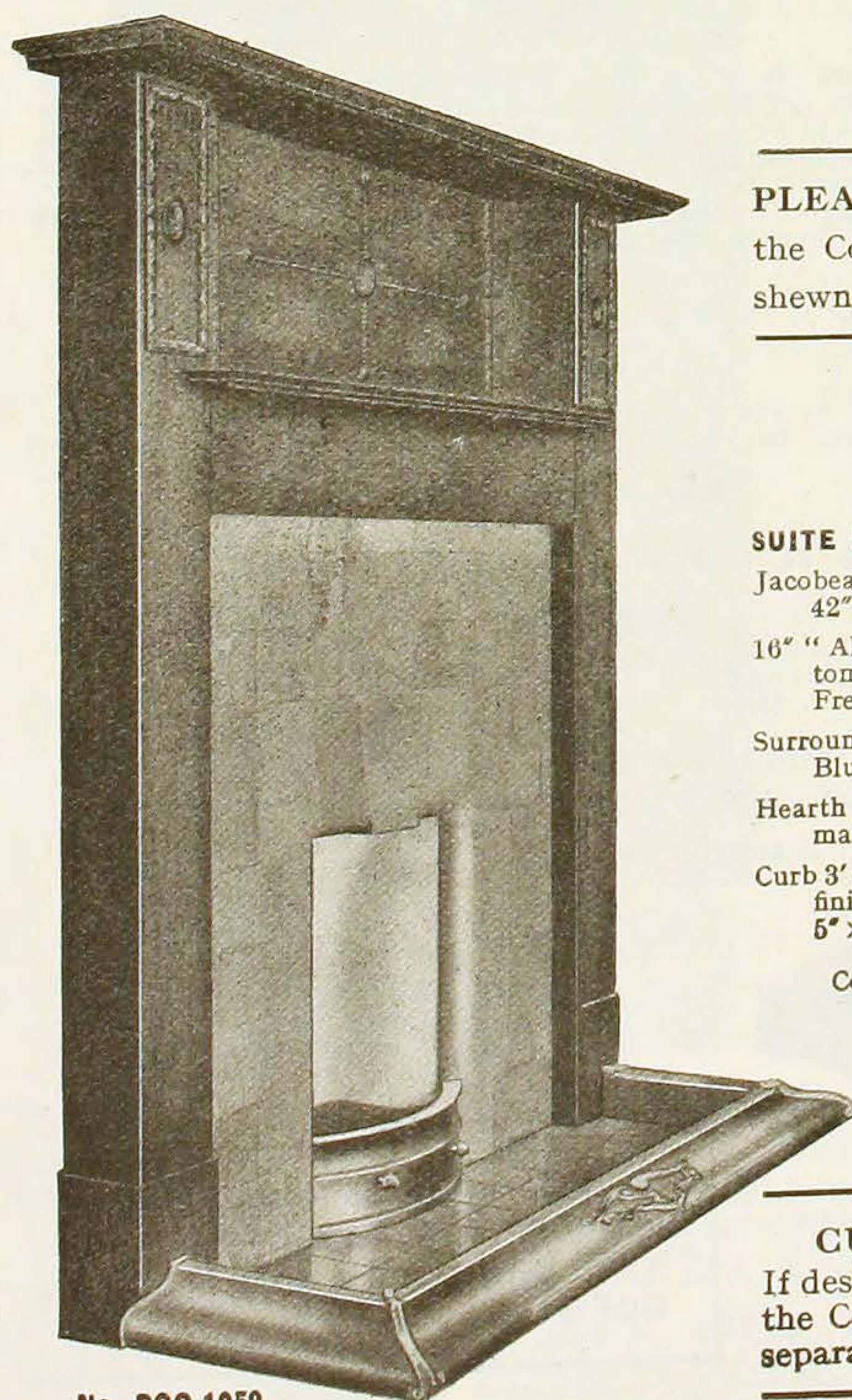
Jacobean Oak Mantel with opening 42" wide x 40" high	£	s.	d.
Slabbed Tile Surround, in Dull Mottle Finish, 42" x 40". Fire 16"	25	14	3
"Maitland" Fire consisting of Solid Brick Back, Stool Grating and Armour Bright Fret	12	15	0
Hearth of 6" x 4" Antique Tiles to match (3 dozen)	2	6	9
Slabbed Palence Curb, 48" x 12" inside	1	16	4
	4	18	7

Complete as illustrated £47 10 11



No. PGQ 956

Mahogany Mantel with opening 42" wide x 40" high	£	s.	d.
Slabbed Tile Surround in Dull Mottle Finish, 42" x 40". Fire 16"	16	7	3
"Maitland" Fire consisting of Solid Brick Back, Stool Grating and Armour Bright Fret	7	8	9
Hearth of 4" x 4" Dull Mottled Tiles to match (4 dozen)	2	6	9
Curb, in Ox. Silvered Finish (Wood Filled), 48" x 12" inside section 3" x 2 1/2"	1	12	6
	3	3	9
Complete as illustrated	£30	19	0



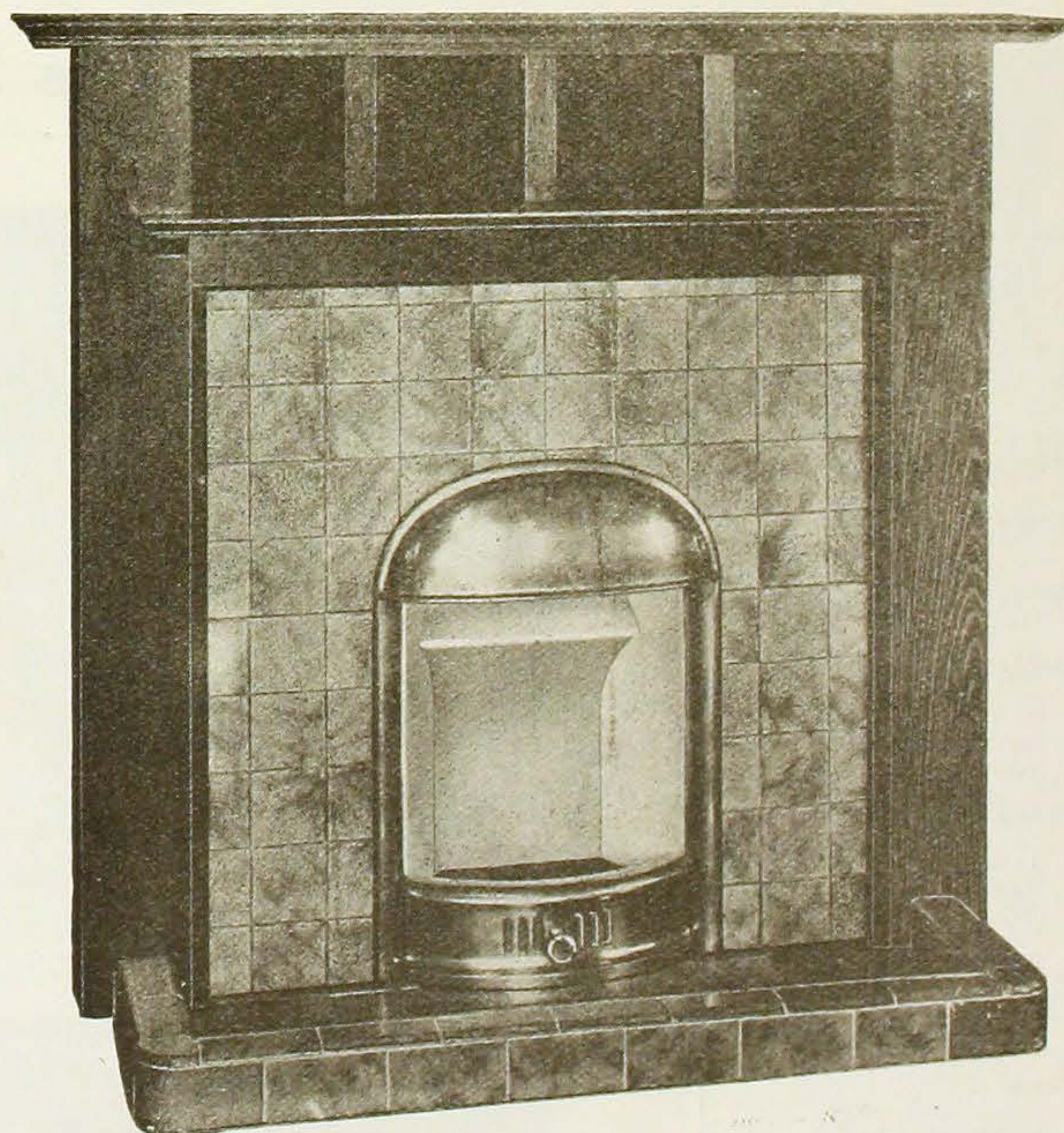
No. PGQ 1059

PLEASE NOTE that the prices for the Complete Suite include the Curb shewn.

SUITE No. PGQ 1059	£	s.	d.
Jacobean Oak Mantel with opening 42" x 40"	7	17	3
16" "Alpha" Solid Brick Back, Bottom Grating and Armour Bright Fret. Fire 16"	1	5	6
Surround, 42" x 40", No. PGS 975 in Blue-Grey Tiles	8	5	0
Hearth of 4 dozen 4" x 4" Tiles to match	1	13	0
Curb 3' 6" x 12" (inside measurements) finished Oxydized Silver. Section 5" x 8"	5	2	0
Complete Suite as illustrated	£24	2	9

CURBS AND SURROUNDS.

If desired, any of the items, making up the Complete Suites, may be supplied separately at the prices stated for each.



No. PGS 1075 Regd. No. 726241. **ARCHED CANOPY INTERIOR.**
The Arched Canopy facilitates combustion and minimises downdraught.

Nut Brown Oak Mantel with opening 38" x 38"	£	s.	d.
Interior: Arched Rim Canopy with Solid Fire Brick Back, Stool Grate and Fret in Armour Bright or Best Blacked Finish. Fire 16"	5	19	0
Slabbed Surround of 4" x 4" Antique Squirrel Brown Tiles	3	1	3
Hearth: 4 doz. 4" x 4" Tiles to match	3	8	0
Curb to suit (inside measurements 37" x 10 1/2")	1	9	8
	2	8	9
	£18	4	9

"B" Basis.

"Forward" Dutch Tile Fireplaces

IMPORTANT.—See Colour Groups
in panel below.

TILE SURROUNDS.

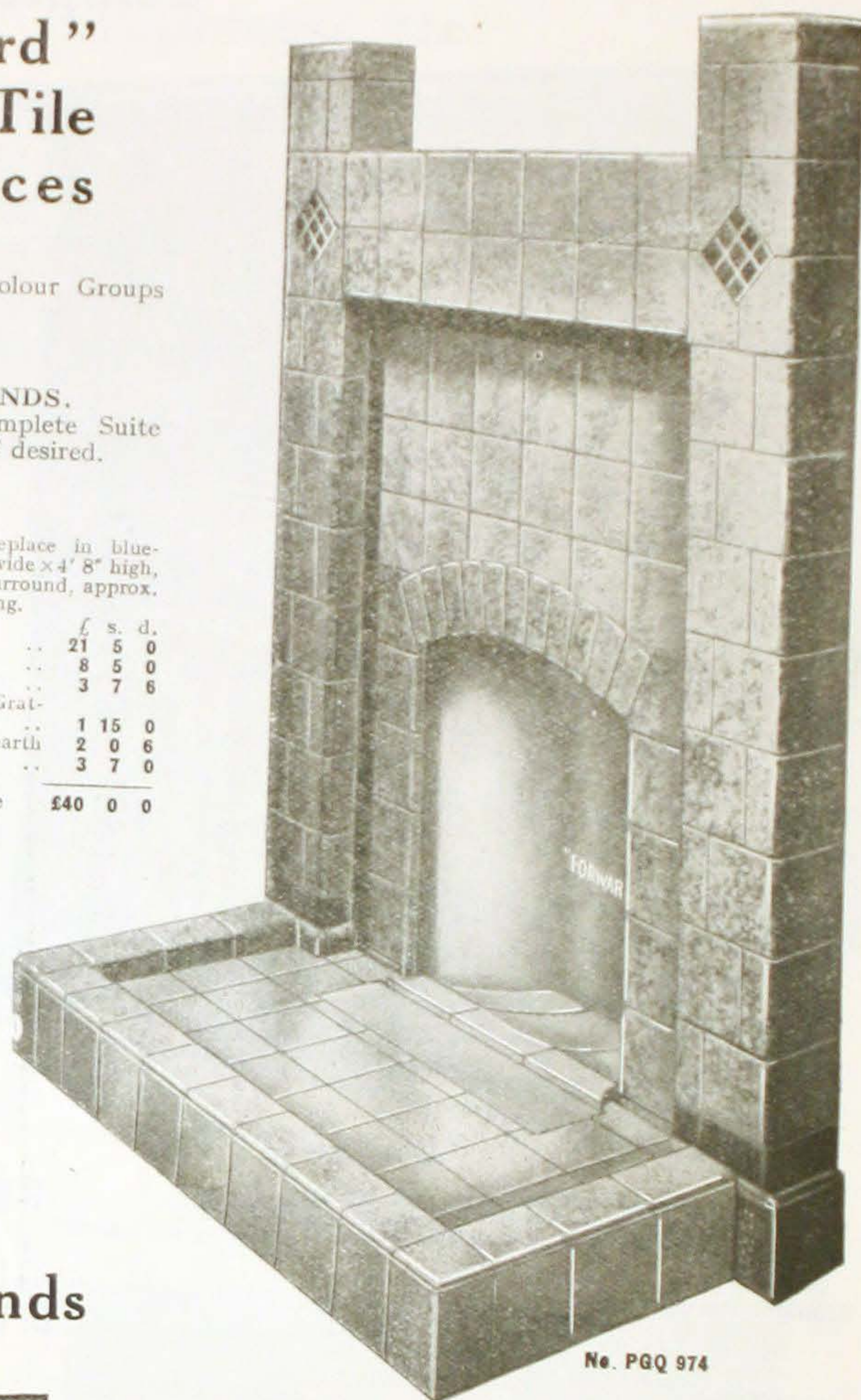
Where priced in a Complete Suite
may be had separately if desired.

No. PGQ 971 Dutch Tile Fireplace in blue-grey, approx. overall size 4' 7" wide x 4' 8" high, with 4" x 4" Boxed Slips and Surround, approx. 3' 4" x 3' 4" with 18" Fire Opening.

	£	s.	d.
Mantel only	21	5	0
Surround only	8	5	0
Set of Boxed Slips to suit	3	7	6
Solid Back Brick with Bottom Grating and Armour Bright Fret	1	15	0
5 doz. 4" x 4" Loose Tiles for Hearth	2	0	6
Slabbed Curb to suit	3	7	0
Complete Suite	£40	0	0



No. PGQ 971



No. PGQ 974

Tile Surrounds

COLOUR GROUPS.

For the purpose of pricing, the various colours of Tiles, etc., are divided into Groups as follows:—

Group 1.
Stone. Sandstone.

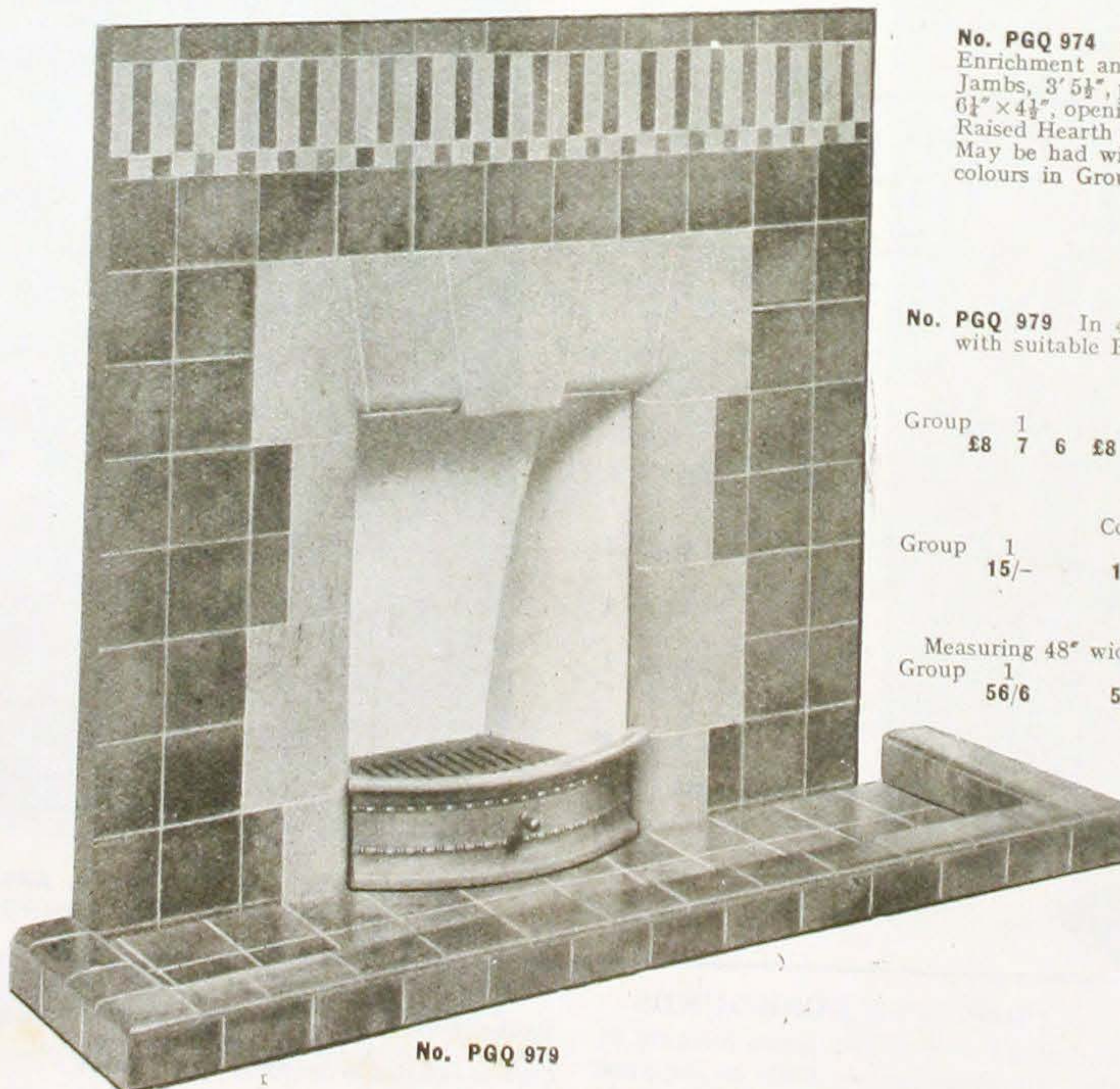
Group 2.
Hopton Wood.

Group 3.
Grey Hopton Wood.
Grey Brown.
Autumn Leaf.
Tortoiseshell.

Group 4.
Grey 9738 Blue Grey.
Antique Buff.
Mauve. Delft Blue.
Green Hopton Wood.
Black.
White Crystallized.
Green "
Blue "
Yellow "

Group 5.
Red Lustre, 5000.
Red Black, 5000.
Red Green, 5000.

Group 6.
Lustres:—
Pearl, Light Blue.
Blue, Bronze, etc.



No. PGQ 979

No. PGQ 974 In 4" x 4" Grey Hopton Wood Tiles with Red Green Enrichment and Red Green Insets. Total height, 4' 5½", width over Jamb, 3' 5½", projection of Jamb, 5", Centre Shelf, 2' 4" x 4½", Pediments, 6½" x 4½", opening 2' 4" x 3' 3", complete with 16" Sunk Fire and Slabbed Raised Hearth with Kerb Edge Slabbed in one piece, £16 10 0. May be had with Tiles Autumn Leaf Colour, at the same price. Any colours in Group 4, 20/- extra.

No. PGQ 979 In 4" x 4" Tiles (colours as Groups in Panel opposite), with suitable Enrichments. To suit Mantel opening 42" x 40."

Price of Surround only.

Group	1	2	3	4	5	6
	£8 7 6	£8 12 0	£8 15 0	£9 2 6	£10 15 0	£13 7 6

Price of Hearth only.

Consisting of 3 dozen 4" x 4" Tiles.

Group	1	2	3	4	5	6
15/-	18/9	20/6	24/-	31/-	44/6	

Price of Kerb only.

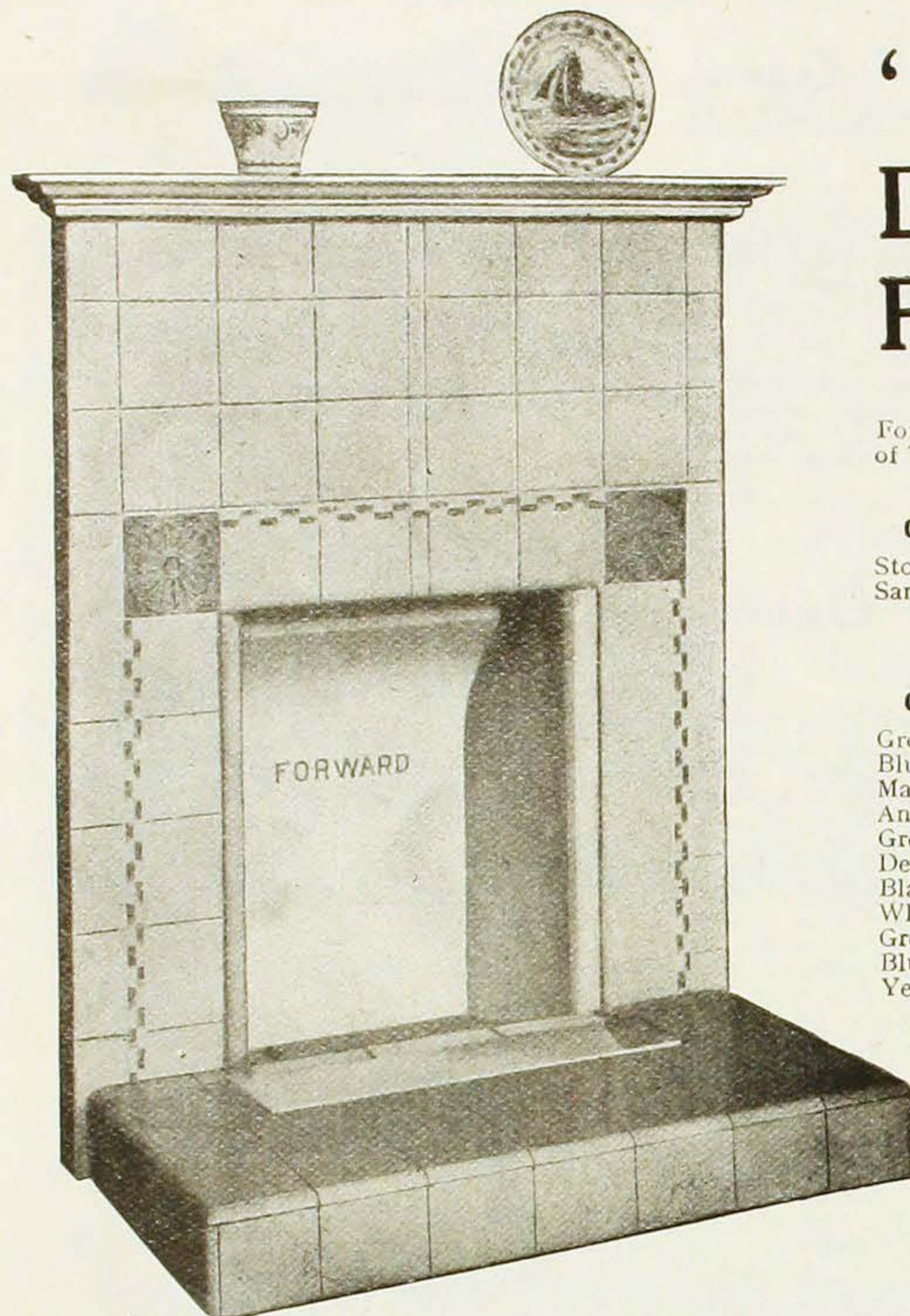
Group	1	2	3	4	5	6
Measuring 48" wide x 12" inside measurements, 3" x 3" Section.	56/6	58/6	67/-	67/-	82/6	105/-

Price of Fire only.

Complete with solid undercut Brick Back, 16" or 18" Fire.

Berlin Black Finish. 50/-
Armour Bright Finish. 55/-

Write for separate Catalogue
of Dutch Tile Fireplaces.
Ask specially for List
DUF 507

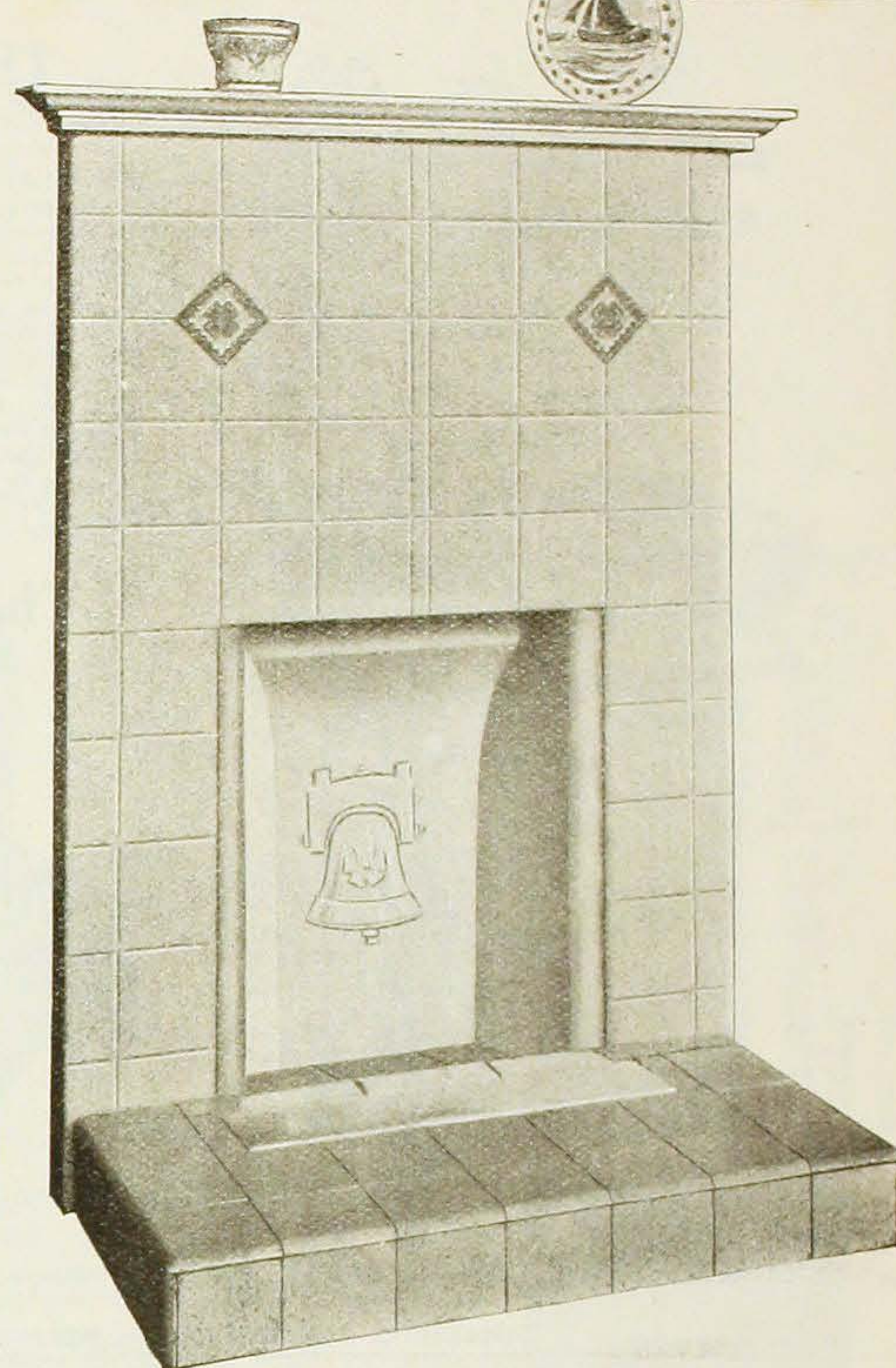


“Forward” Dutch Tile Fireplaces

For the purpose of pricing the various colours of Tiles, etc. are divided into groups, as follows:

Group 1.	Group 2.	Group 3.
Stone Sandstone	Hopton Wood	Grey Hopton Wood. Grey Brown Autumn Leaf Tortoiseshell
Group 4.	Group 5.	Group 6.
Grey 9738 Blue Grey Mauve Antique Buff Green, Hopton Wood Delft Blue Black White Crystallized Green Blue Yellow	Red Lustre 5000 Red Black 5000 Red Green 5000	Lustres: Pearl Light Blue Blue Bronze, etc.

Write for separate Catalogue of Dutch Tile
Fireplaces. Ask for List DUF 507.



No. PGS 859 In 4" x 4" Tiles, with 4" x 1/2" decorative embossed coloured strips and 4" x 4" Corner Ornamental Insets; Whitewood Shelf, height 3' 4 1/2"; width 2' 5 1/2"; projection of jamb 2 1/2"; Shelf 2' 10" x 4 1/2"; 13" or 16" Sunk Fire; 4" x 4" "Stone" Hearth with bull-nosed edge, raised 3 1/2".

PRICES as illustrated.

Group	1	2	3	4	5	6
Tile Shelf, extra	£7 17 6	£8 7 6	£8 15 0	£9 1 0	£10 10 0	£12 10 0
Kerb Edge to Hearth	14 0	14 0	17 6	17 6	1 5 0	1 12 6
	12 6	12 6	12 6	12 6	1 0 0	1 5 0

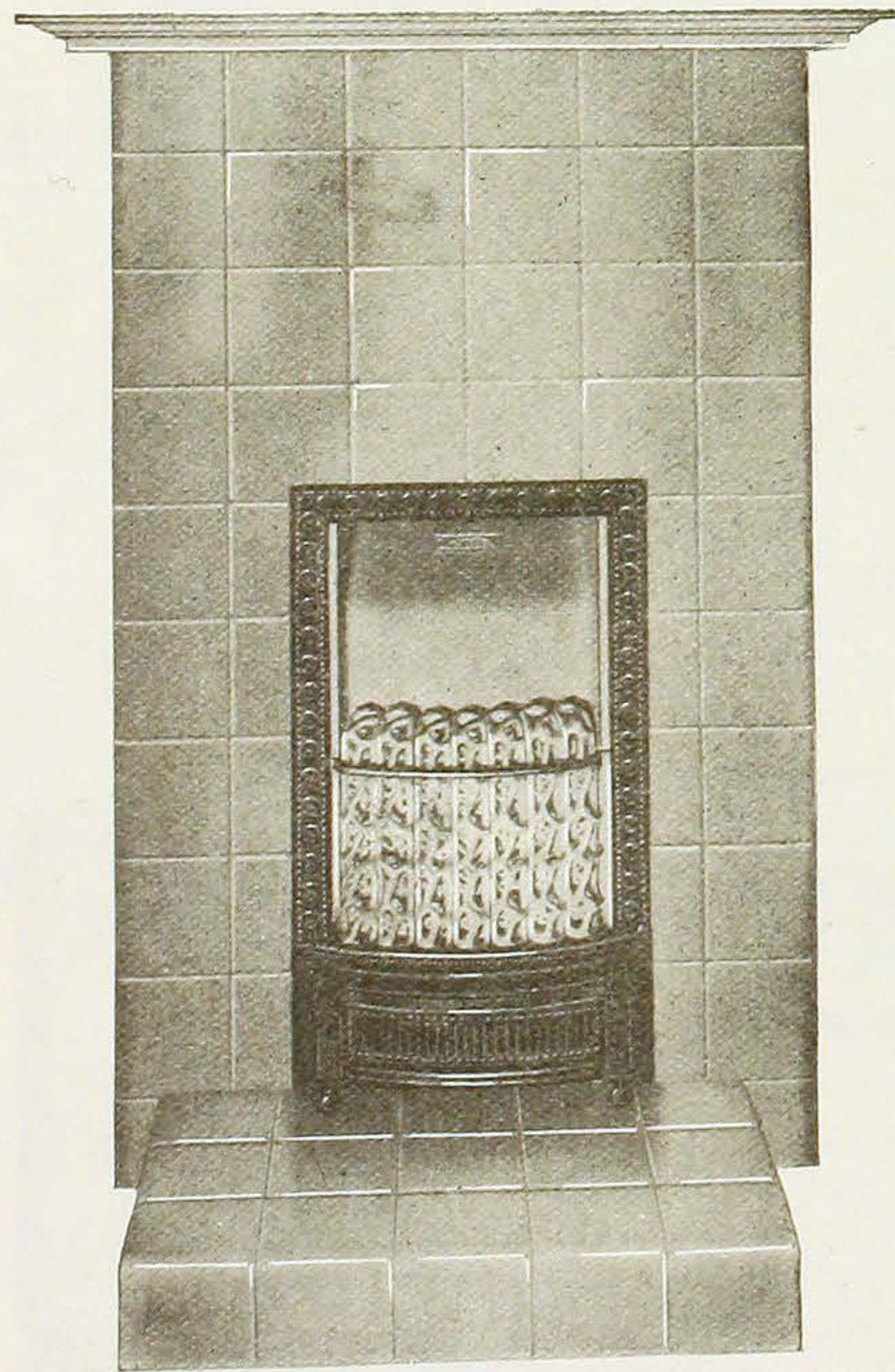
Extras for larger sizes, see centre panel.

No. PGS 978 In 4" x 4" Tiles with 3" x 3" Ornamental Insets; Whitewood Shelf, height 3' 8 1/2"; width 2' 5 1/2"; projection of jamb 2 1/2"; Shelf, 2' 10" x 4 1/2"; 13" or 16" Sunk Fire. "Stone" Tile Hearth with bull-nosed edge, raised 3 1/2".

PRICES as illustrated.

Group	1	2	3	4	5	6
Tile Shelf	£7 0 0	£7 10 0	£7 17 6	£8 3 6	£9 12 6	£11 12 6
Kerb Edges to Hearth..	14 0	14 0	17 6	17 6	1 5 0	1 12 6 extra
	12 6	12 6	12 6	12 6	1 0 0	1 5 0

Extras for larger sizes, see centre panel.



No. PGS 972 In 4" x 4" Tiles with Whitewood Shelf, height 3' 5"; width 2' 1"; Shelf 2' 6" x 4 1/2". Opening for Gas Fire or Interior, 12 1/2" wide x 21" deep; Hearth raised 3 1/2", measuring 20" x 12" slabbed in one piece.

Group	1	2	3	4	5	6
Tile Shelf	£3 10 0	£3 10 0	£5 2 6	£5 10 0	£6 10 0	£8 0 0
Kerb Edge to Hearth	0 12 6	0 12 6	0 12 6	0 12 6	1 0 0	1 5 0

The above Prices do NOT include Gas Fire shewn.
*Specially low price.
"Princess" Gas Fire 21 1/2" x 12 1/2", Fire 10". Egg-shell Black Finish.
Strictly Net Prices, 45/- If with Lever Tap, 5/- extra.

EXTRAS for larger sizes. Applicable to all designs on this page.

Colour Group.	2' 9" 4' 1" 4 1/2"	3' 1" 4' 1" 4 1/2"	3' 5" wide. 4' 1" high. 4 1/2" proj. of jamb.
1	£ 2 0 0	£ 2 12 6	£ 3 12 6
2	£ 2 2 6	£ 2 15 0	£ 3 17 6
3	£ 2 7 6	£ 3 0 0	£ 4 5 0
4	£ 2 14 0	£ 3 11 6	£ 5 0 0
5	£ 3 0 0	£ 4 0 0	£ 6 0 0
6	£ 3 12 6	£ 5 2 6	£ 7 7 6

If supplied with Tile Shelf in lieu of Wooden Shelf.

1-2	£ 1 0 0	£ 1 3 6	£ 1 7 6
3-4	£ 1 5 0	£ 1 8 6	£ 1 12 6
5	£ 1 15 6	£ 1 19 6	£ 2 5 0
6	£ 2 7 6	£ 2 12 6	£ 3 0 0

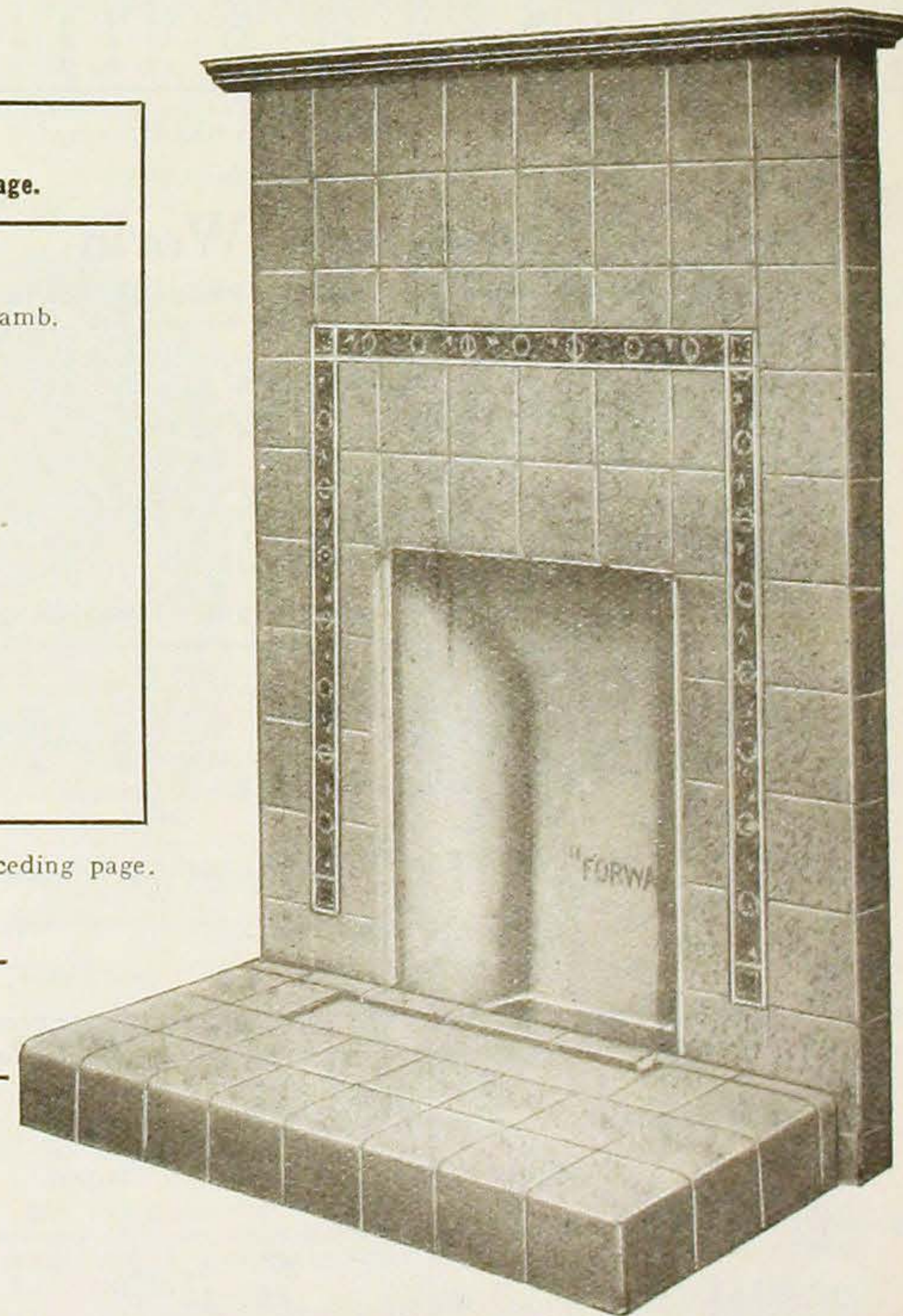
If with Kerb Edge to Hearth in lieu of Bull-nosed Edge.

1-4	£ 0 13 6	£ 0 14 6	£ 0 15 6
5	£ 1 2 6	£ 1 5 0	£ 1 7 6
6	£ 1 8 0	£ 1 11 0	£ 1 14 0

For illustration of "Kerb Edge" see design PGQ 974 on preceding page.

“B” Basis.

(Excepting Gas Fire Prices which are Strictly Nett.)



No. PGS 973 In 4" x 4" Tiles with Decorative Persian Strip; Whitewood Shelf 3' 2" wide x 4 1/2"; height 3' 5"; width 2' 9"; Projection of jamb, 2 1/2"; 13" or 16" Sunk Fire; Hearth raised 3 1/2" slabbed in one piece.

Group	1	2	3	4	5	6
Tile Shelf	£8 10 0	£9 0 0	£9 7 6	£9 18 6	£11 10 0	£14 0 0
Kerb Edge to Hearth	0 14 0	0 14 0	0 17 6	0 17 6	1 5 0	1 12 6 extra
	0 12 6	0 12 6	0 12 6	0 12 6	1 0 0	1 5 0

Extras for larger sizes, see centre panel.

All PGS—Stock Lines.

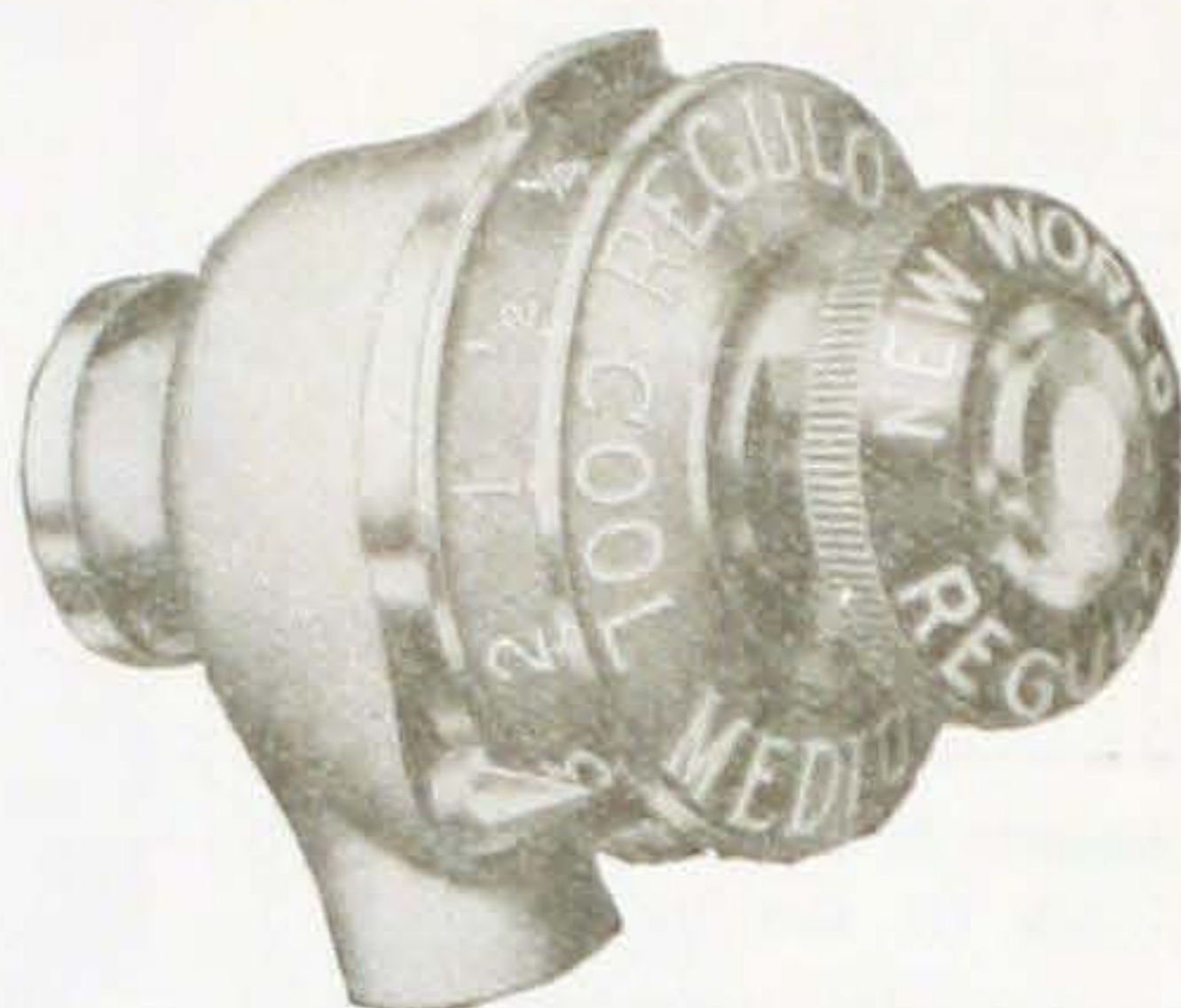
The "Acme New World" Gas Cookers

The "Acme New World" "Regulo-Controlled" Cooker is the latest development of the universally popular "New World" Cooker, incorporating improvements resulting from continuous research work carried on since the introduction of the original "New World" Cooker. In efficiency, general utility, and saving of labour, it occupies a position entirely by itself.

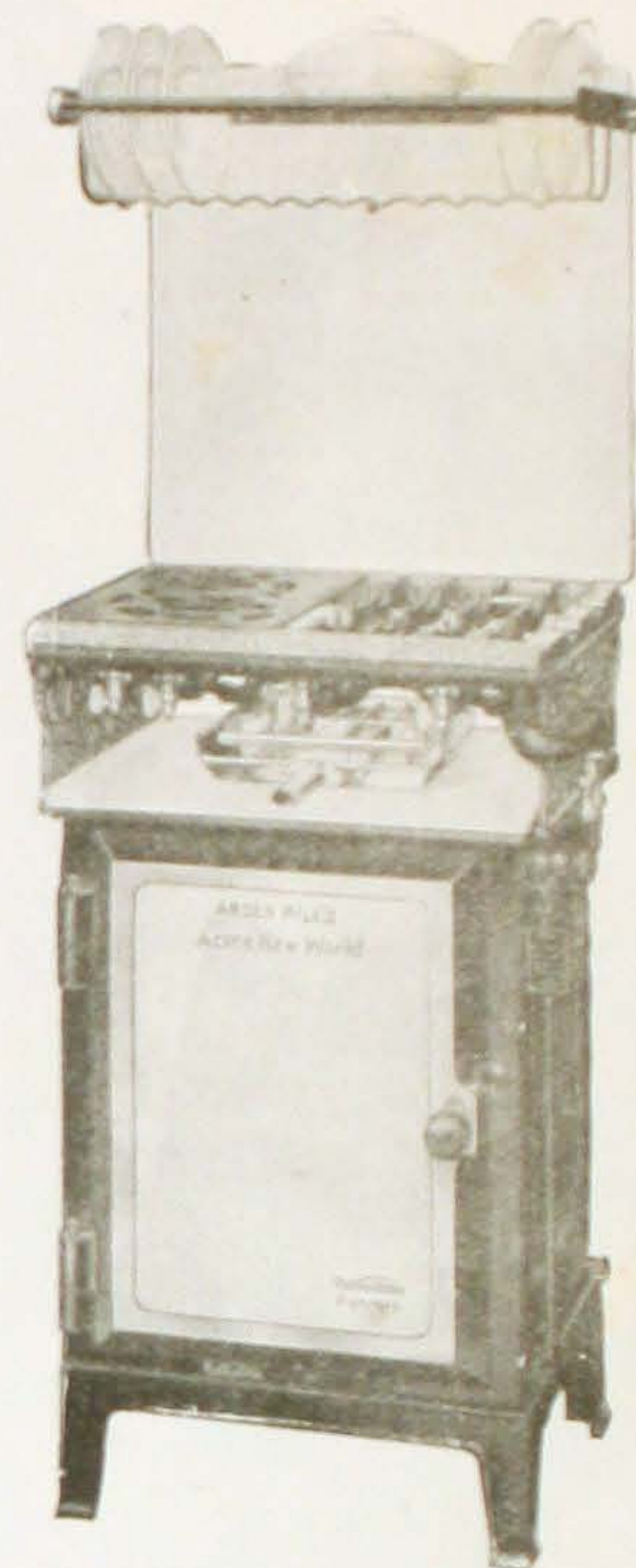
The principle of the one-burner oven, with flue at bottom, that was first introduced in the original "New World" Cooker, resulted in a vast advance in cooking conditions. A much more uniform heat was obtained than was possible with ordinary ovens, and—more important still—the atmosphere in the oven during cooking proved to be exceedingly rich in steam, greatly improving the browning and flavour of the bread, pastry, etc. Meat roasted in this moist atmosphere is rich in the substance called Osmazone, which gives so delicate a taste to the joint.

The "Acme New World" oven has the above features, with further developments making for simplicity and even greater ease of operation.

The "Regulo" Automatic Oven Heat Controller



The "REGULO" Oven Heat Controller is automatic. By having the "Regulo" available, the user avoids all watching and worry, and need no longer be confined to the kitchen while cooking goes on. The "Regulo" enables the temperature of the oven to be fixed at a definite point required for the cooking of food. It is only necessary to turn the graduated disc until the pointer is opposite the correct mark to ensure that the oven is suitably heated, and is maintained at that exact heat all the time. In ten to fifteen minutes from lighting up, the food is put in, and no further attention is needed till the end of the cooking period, when the food will be found perfectly cooked.



No. PGS 120 Size No. H66 with Double Plate-Rack, Back-Plate, White Enamelled Tray, and "Regulo" Controller.

DIMENSIONS AND PRICES. No. PGS 120

Size No. of Cooker	Inside size of Oven.	Door Opening.	Size of Hot-plate.	Height to top of Hot-plate.	Height overall including Plate-rack.	Cooker with enamelled exterior, white enamelled tray and including 'Regulo'	Single Plate-rack Extra.	Double Plate-rack Extra.	Enam-Floor-plate Extra.
	H W D ins. ins. ins.	H. W. ins. ins.	W. D. ins. ins.	ins.	ins.	£ s. d.	£ s. d.	£ s. d.	
H44	20½ × 14½ × 15½	20½ × 14½	24 × 22	37½	59	13 19 0	1 10 0	1 17 6	9/6
H66	20½ × 16 × 15½	20½ × 16	26 × 22	37½	59	15 4 6	1 12 6	2 0 0	10/6
H88	20½ × 18 × 15½	20½ × 18	28 × 22	37½	59	17 0 0	1 17 6	2 5 0	11/6

Extras - If with Porcelain Enamelled Hot-Plate—Cornice and Hot-Plate Supports.
Size H44, 15/-; H66, 17/6; and H88 21/- extra.

No. PGS 121 Size No. H2 with Single Plate-Rack, Back-Plate, White Door and White Enamelled Tray.

DIMENSIONS AND PRICES. No. PGS 121

Size No. of Cooker	Inside size of Oven.	Door Opening.	Size of Hot-plate.	Height to top of Hot-plate.	Height overall including Plate-rack.	Cooker with white door and white enamelled tray.	'Regulo' Extra.	Single Plate-rack Extra.	Double Plate-rack Extra.
	H W D ins. ins. ins.	H. W. ins. ins.	W. D. ins. ins.	ins.	ins.	£ s. d.	£ s. d.	£ s. d.	
H1	19 × 13 × 13½	19 × 13	20 × 18	34	55½	7 6 0	1 0 0	1 5 0	1 12 6
H2	19 × 14½ × 13½	19 × 14½	20 × 18	34	55½	8 2 6	1 0 0	1 5 0	1 12 6
H3	19 × 16 × 13½	19 × 16	22 × 18	34	55½	9 7 0	1 0 0	1 7 6	1 15 0

Extras - If with Porcelain Enamelled Hot-Plate Cornice and Hot-Plate Supports.
All sizes 11/6 extra.

"Acme New World" Gas Range

WITH RADIATION "REGULO" CONTROLLED OVEN.
("New World" Patents).

The "Acme New World" Gas Range is quite different in design from the ordinary Gas Cooker. The Hot-plate and Oven hob are on one uniform level. This gives additional working space, and, moreover, saves much labour. The hob not only provides a place on which to put joints, etc. on removal from the oven, but also enables heavy pans to be moved clear of the Hot-plate without any need for lifting. The oven Flue-outlet is at the bottom and permits uniformity of heat. There is only one oven burner and this is controlled by the "Regulo." The bottom of the oven is closed by means of an enamelled baseplate, and the shelves slide on the embossed sides of the oven. Beneath the Hot-plate is fitted a Warming Chamber. This is kept at a suitable heat by independent burners which consume very little gas. The "Acme New World" Gas Range occupies a small space, the overall widths being only 40½", 44½" and 47½" respectively.

DIMENSIONS OF No. PGS 122.

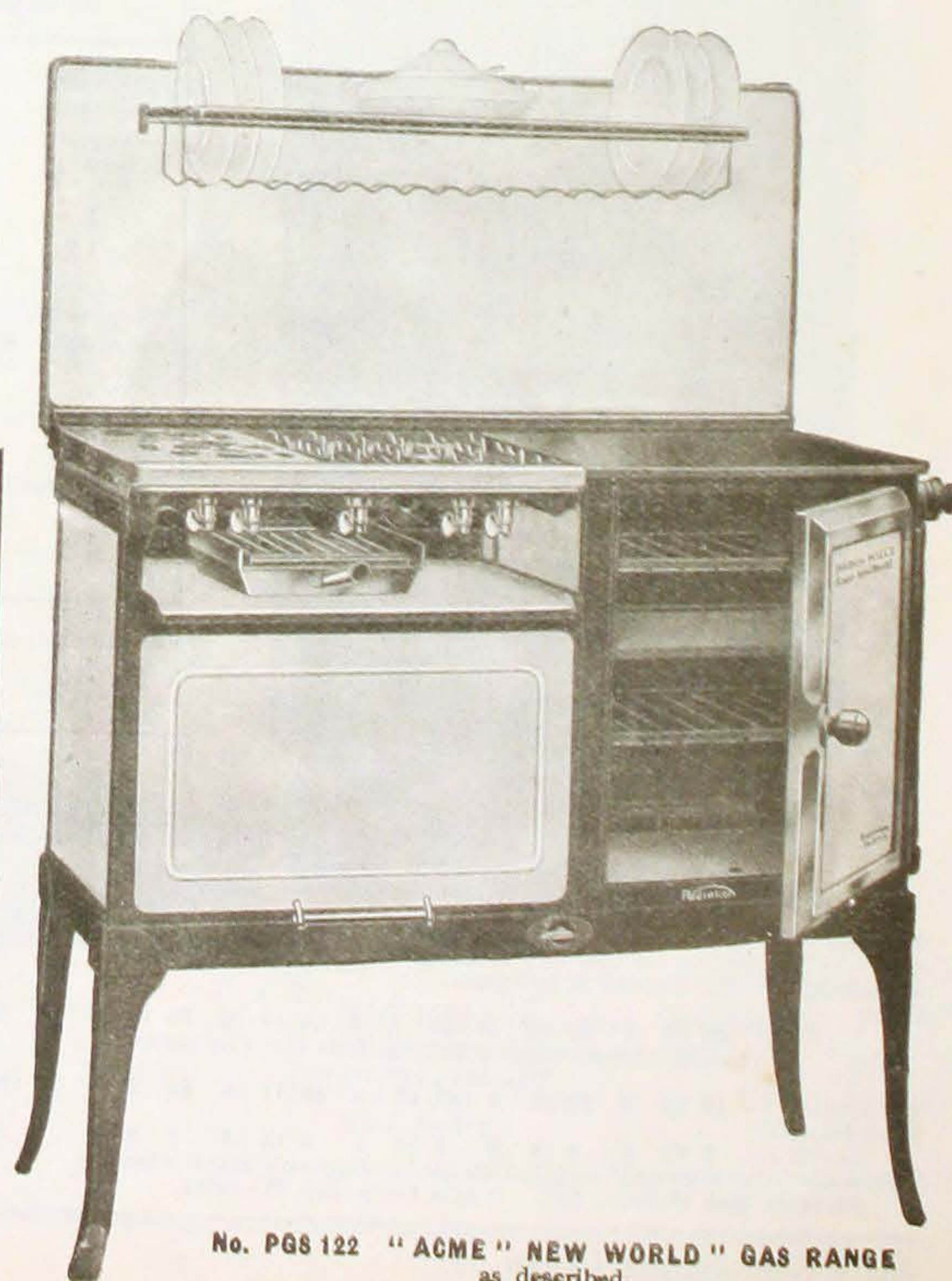
Size No. of Range.	Overall Height	Overall Width	Overall Depth (Front to Back)	Inside Size of Oven.			Door Opening.		Size of Hot-Closet.			Size of Hot-plate.	
				Height	Width	Depth	Height	Width	Height	Width	Depth	Width	Depth
H111	56"	40½"	22"	19"	13"	13½"	19" × 13"	13½"	19"	15½"	20"	20"	20"
H122	56"	44½"	22"	19"	14½"	13½"	19" × 14½"	13½"	21"	15½"	22"	20"	20"
H133	56"	47½"	22"	19"	16"	13½"	19" × 16"	13½"	23"	15½"	24"	20"	20"

PRICES No. PGS 122.

Size Number of Range.	Complete (as illustration) and including "Regulo."	If with front cornice of Hot-plate, legs of stand and grill-pan porcelain enamelled, and with nickel-plated finish on oven door and "Regulo," all other parts standard black finish.
	£ s. d.	£ s. d.
H111	16 10 0	19 0 0
H122	18 0 0	20 12 6
H133	19 10 0	22 5 0

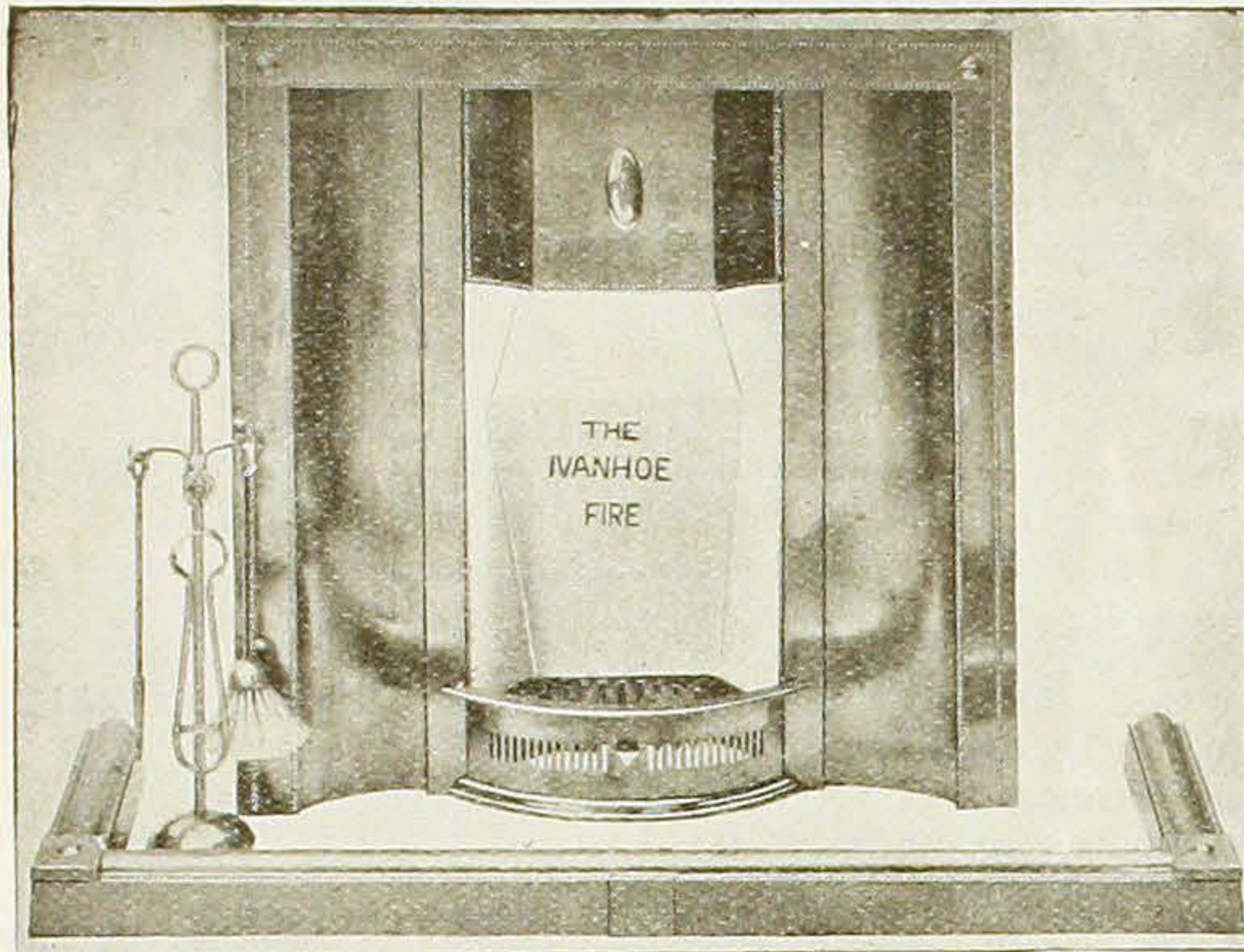
Prices Nett.

All PGS—Stock Lines.



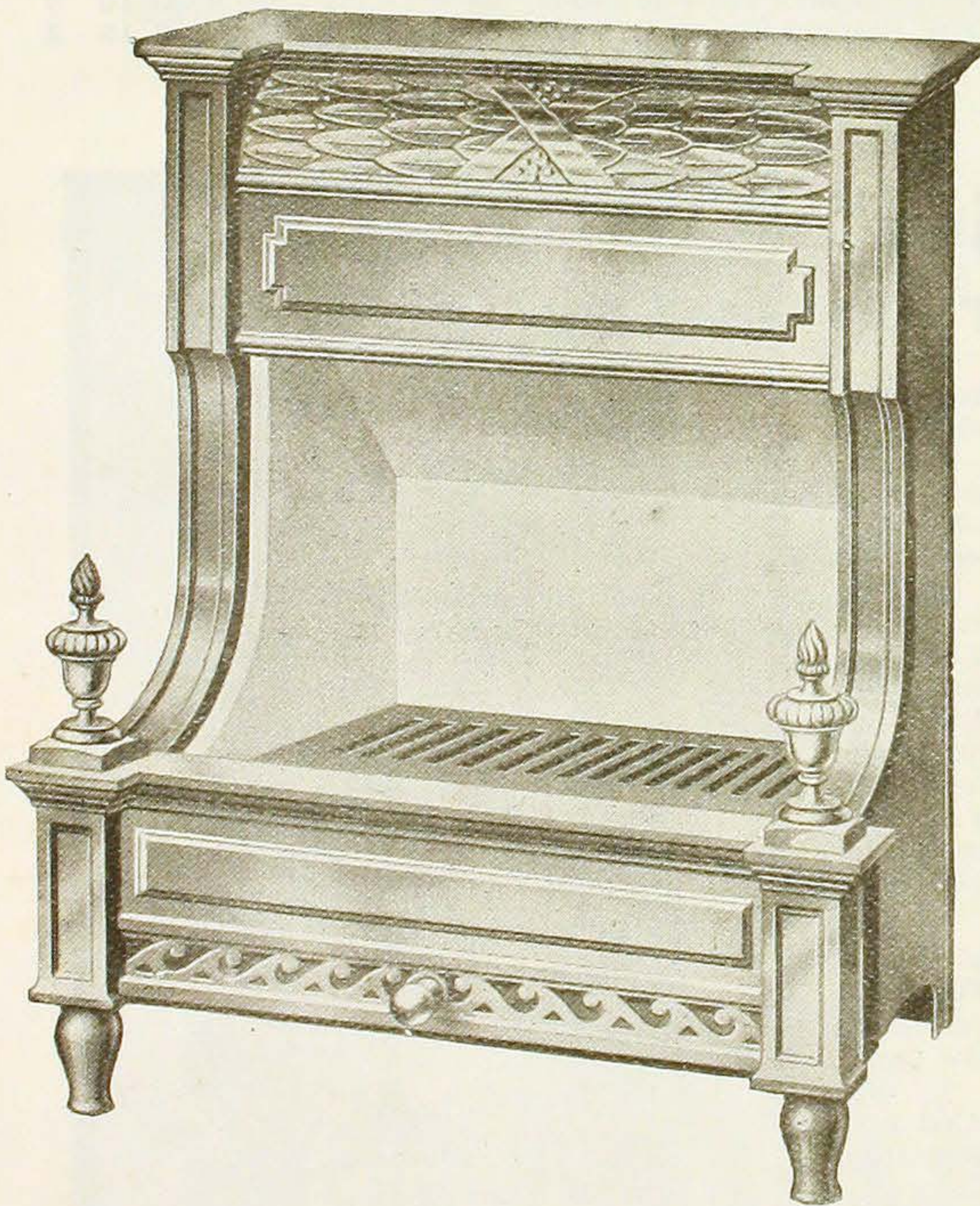
No. PGS 122 "ACME" NEW WORLD" GAS RANGE as described.

Rustless Steel Fire-place Suites



No. PGO 1237 CONCAVE SIDE PANELS.

THE IMPROVED "NAUTILUS" GRATE.



No. PGS 1010 GEORGIAN.

The fundamental "Nautilus" fuel-saving principle consists in the provision of two smoke outlets at the back of the grate. By this means, the heat which escapes up the chimney of an ordinary grate, by reason of the chimney outlet being situated above the fire, is collected by the "Nautilus" heat-conserving canopy and given off into the apartment, thus supplementing the heat derived directly from the fire. Thus a "Nautilus" Grate will warm a room, efficiently and comfortably, with considerably less fuel than will any ordinary grate, the saving on the fuel bill being frequently as much as 50 per cent.

Width of Fire	18"
Height overall	26½"
Width at Front	22½"
Width at Back	18"
Depth	18"

Fine Cast and Black with Bronze or Brass Knobs	£11 2 0
Best Ebonite Finish with Bronze or Brass Knobs	£16 4 0
Best Armour Bright	£20 5 6

Prices include Essential Fittings.

FIREPLACE SUITE.		WITH CONCAVE SIDE PANELS. No. PGO 1237		Antique All Copper with Armour Bright Fret.		Rustless Steel.		Rustless Steel Polished Steel Frets.	
Fire.	Size.	Interior and Panels.							
16"	Sizes to 38½" x 38½"	.. ..	£13 5 3	£18 5 6	£19 6 9				
18"	"	.. ..	£13 13 9	£19 3 6					
16"	Sizes to 42" x 42"	.. ..	£14 5 9	£19 6 0	£20 7 3				
18"	"	.. ..	£14 14 3	£20 4 0					
CURB.	Section 3" x 3½" high	.. ..	£4 6 0	£5 7 3	£5 15 9				
COMPANION SET		.. ..	£3 11 6	£4 16 0	£5 1 3				

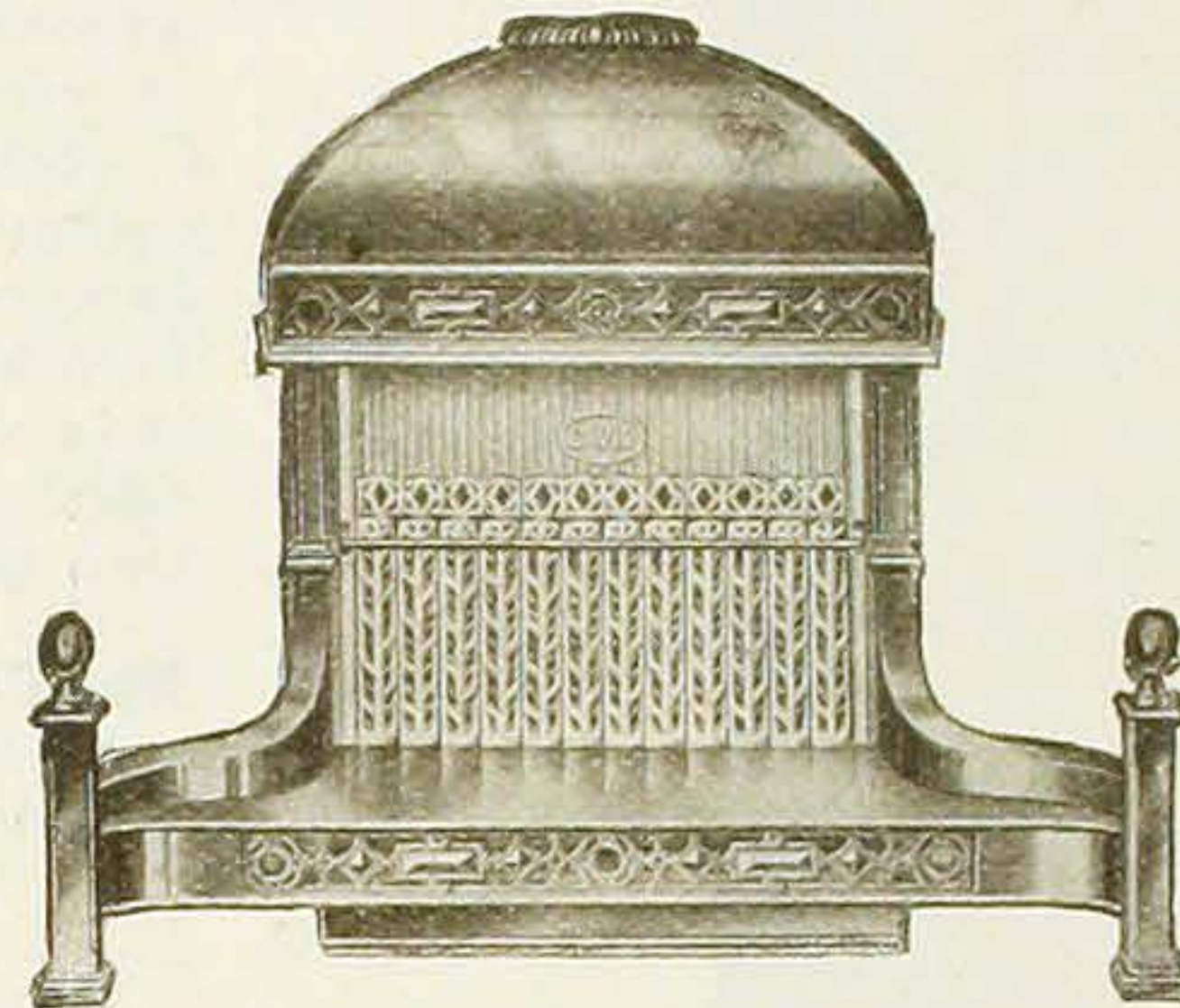
Gas Fires

With Intense Flame Burner, N.P. Trivet and Straight Fire Front (usually supplied with "Thermo" "XX" radiants). *Stocked only in Best Armour Bright.

No. PGS*2700

Width of Fire	17"
Height	28"
Width at back (over canopy)	22½"
Depth (excluding dogs extension)	4½"
Depth to front edge of canopy	6½"
Depth over all	12½"
Floor to top of flue outlet	22½"
Outside size of flue nozzle	13½" x 3"
Trivet projection	5½"
Width overall	34½"
Width of Trivet	34"
Height of dogs (including knobs)	11½"
Projection of dogs	7½"
No. of radiants	12

Best Black, Bright or Ebonite	£ 13 10 0
Antique Armour Bright	£ 10 16 0
Art Bronze	£ 14 15 6
Best Armour Bright	£ 16 0 0
Extra for Sheet-iron Flue Elbow (if required)	£ 0 7 6



THE "CAROLEAN" No. PGS*2700

SELF-CONTAINED TYPE. THE "MEDUSA" (Regd.)

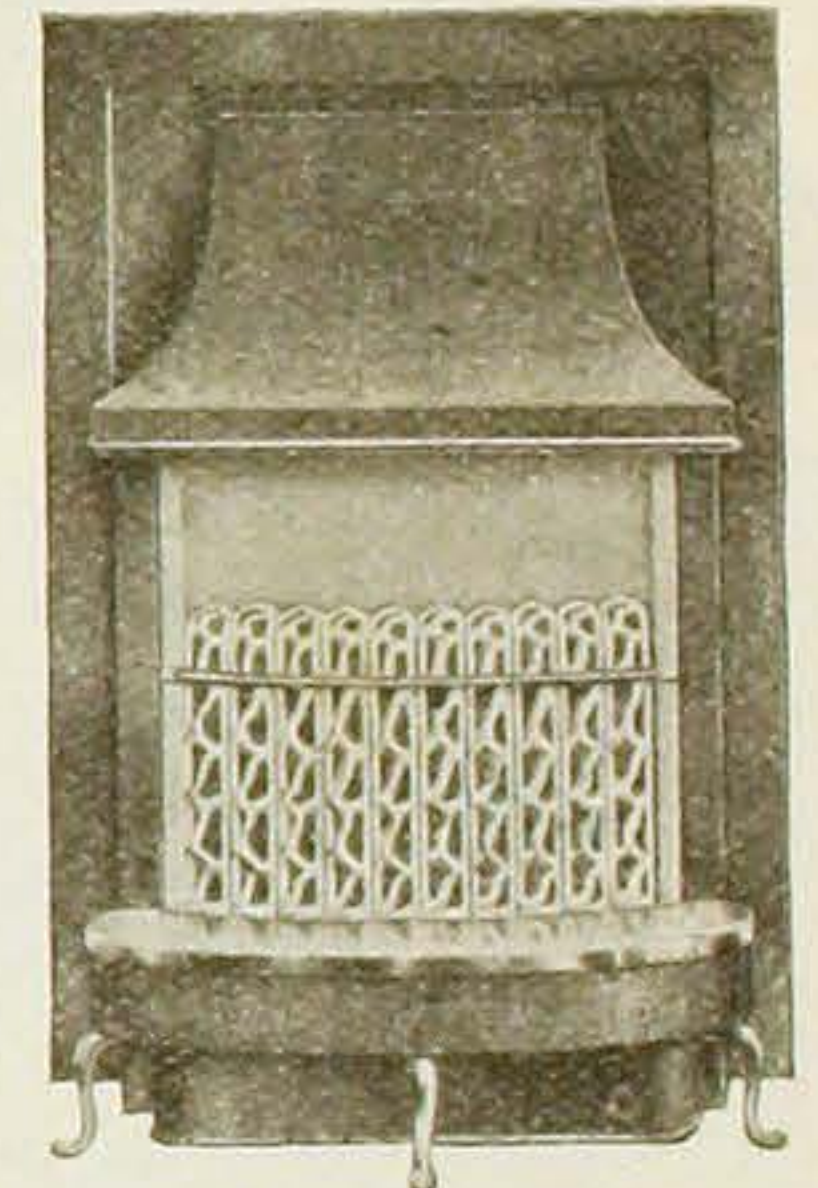
No. PGS*2701

With the "Injector-Ventilator," Radiation patent Burner, "Thermo XX" Fire-Front, Adjustable Flue-Nozzle, and Nickel Plated Trivet.

Size	No. 7	No. 9	No. 9D**	No. 10	No. 10D**
Width of Fire	10"	12½"	12½"	14"	14"
Height overall	26"	29"	29"	30"	30"
Width overall	17"	19½"	19½"	21"	21"
Depth over centre of trivet	8½"	9½"	9½"	9½"	9½"
Depth over centre foot	9½"	10½"	10½"	10½"	10½"
Adjustable flue	9" x 2½"	10½" x 3"	10½" x 3"	11½" x 3"	11½" x 3"
Height to top of flue	19½"	19½"	19½"	21"	21½"
when horizontal	19½"	19½"	19½"	21"	21½"
No. of radiants	7	9	9	10	10
"Medusa" with Copper Front	£28 8 0	£29 13 6	£210 10 0	£210 14 6	£211 11 0

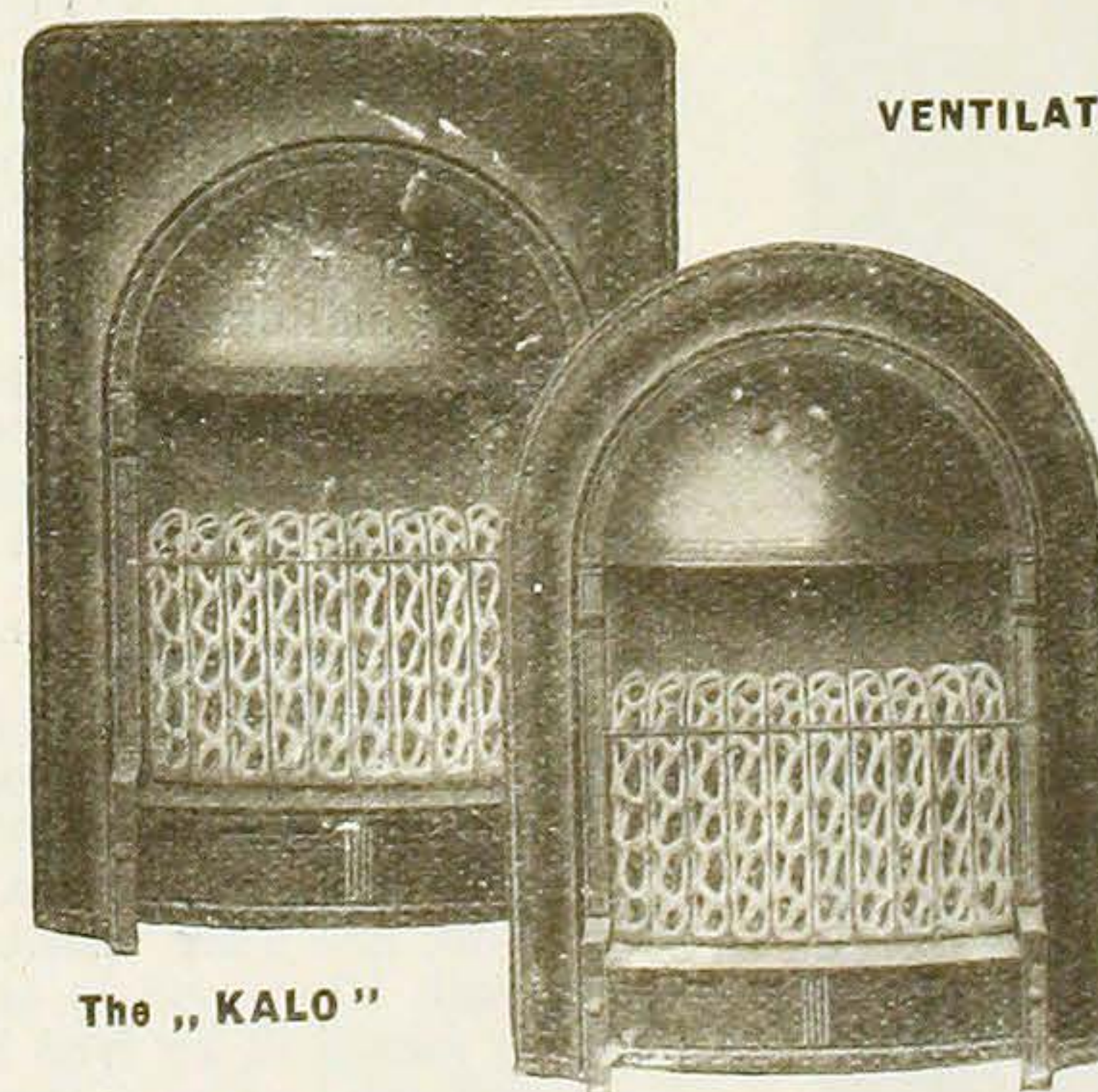
***"D" means Duplex Burner, by means of which either the whole fire or the centre radiants only can be used, as desired.

*Stocked only in No. 9D Size.

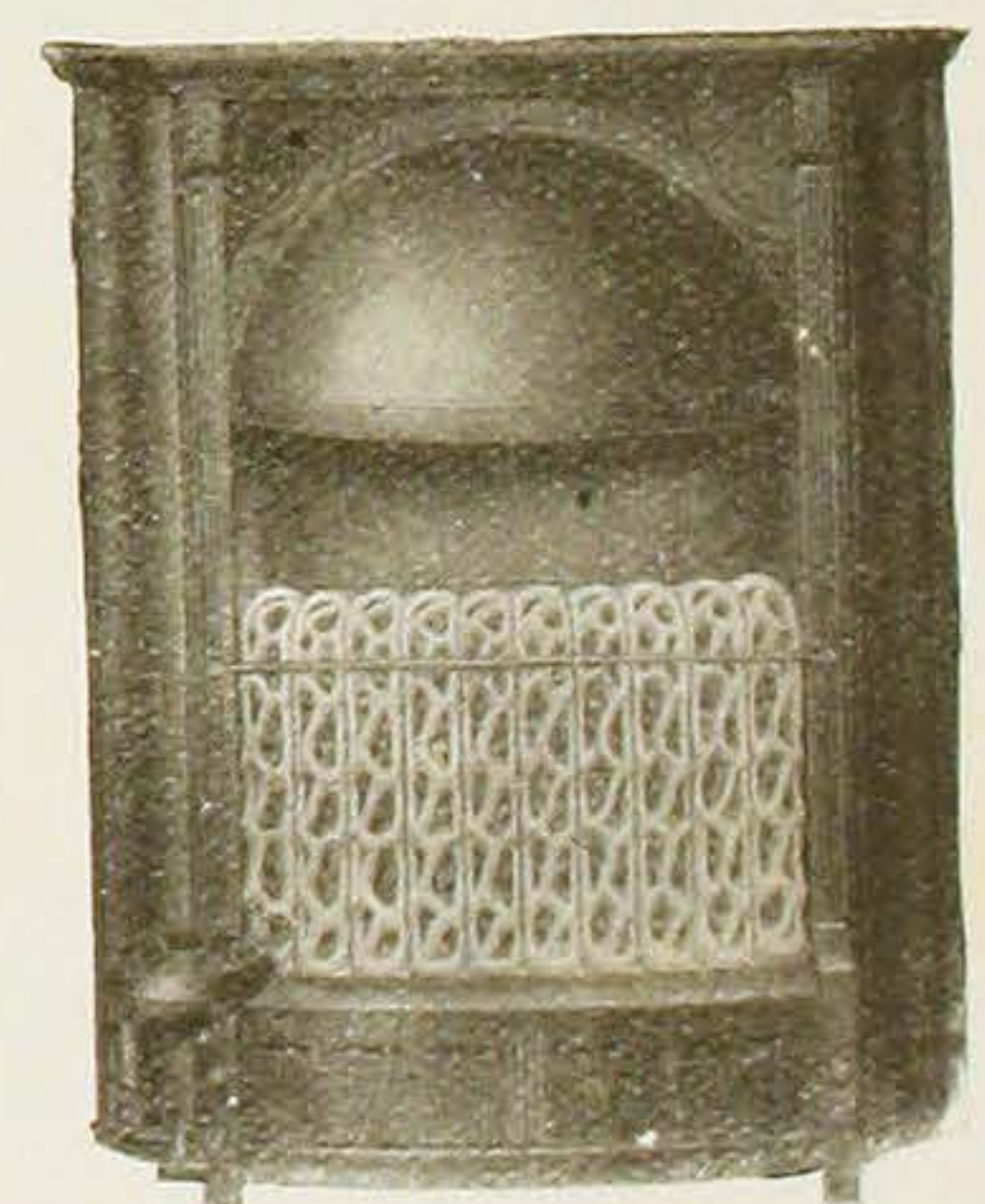


"MEDUSA." No. PGS*2701

VENTILATING GAS FIRES, THE "O.K." SERIES.



The "KALO"



The "LOKA."

The "OLAK."

These Fires are finished in Egg-shell Black, Copper Bronze, Green Bronze, Golden Brown, Apple Green, Tea-pot Brown, Art Silver and Armour. The side Boiling Burner (shown on the "LOKA") or Pedestal Burner can be fitted to any of these fires at a small extra charge.

DIMENSIONS.

No.	PGS	PGS	PGS	PGS	PGS
No. "KALO"	2708	2710	2712	2714	2717d
"OLAK"	2508	2510	2512	2514	2517d
Height "KALO"	23"	26½"	28"	30½"	32½"
"OLAK"	23"	26"	28"	29½"	32½"
Width of Grate	15½"	18"	20½"	22"	25"
Width of Fire	8½"	10"	12½"	14"	17"
Height to Flue Top	20½"	20½"	21½"	22"	23"

PRICES.

Egg-shell Black	46/-	55/-	75/-	86/-	126/-
Special Finishes except Armour	62/6	72/-	91/6	108/-	159/-
Armour Finish	80/-	93/-	113/6	141/-	203/6

†Not fitted with Injector Ventilator. d" Duplex" Burner is fitted in these grates at prices quoted.

EXTRAS (not supplied unless specially ordered.)

Self-contained Lever Tap for all Fires, 8½", 10", 12" or 14" Fires width

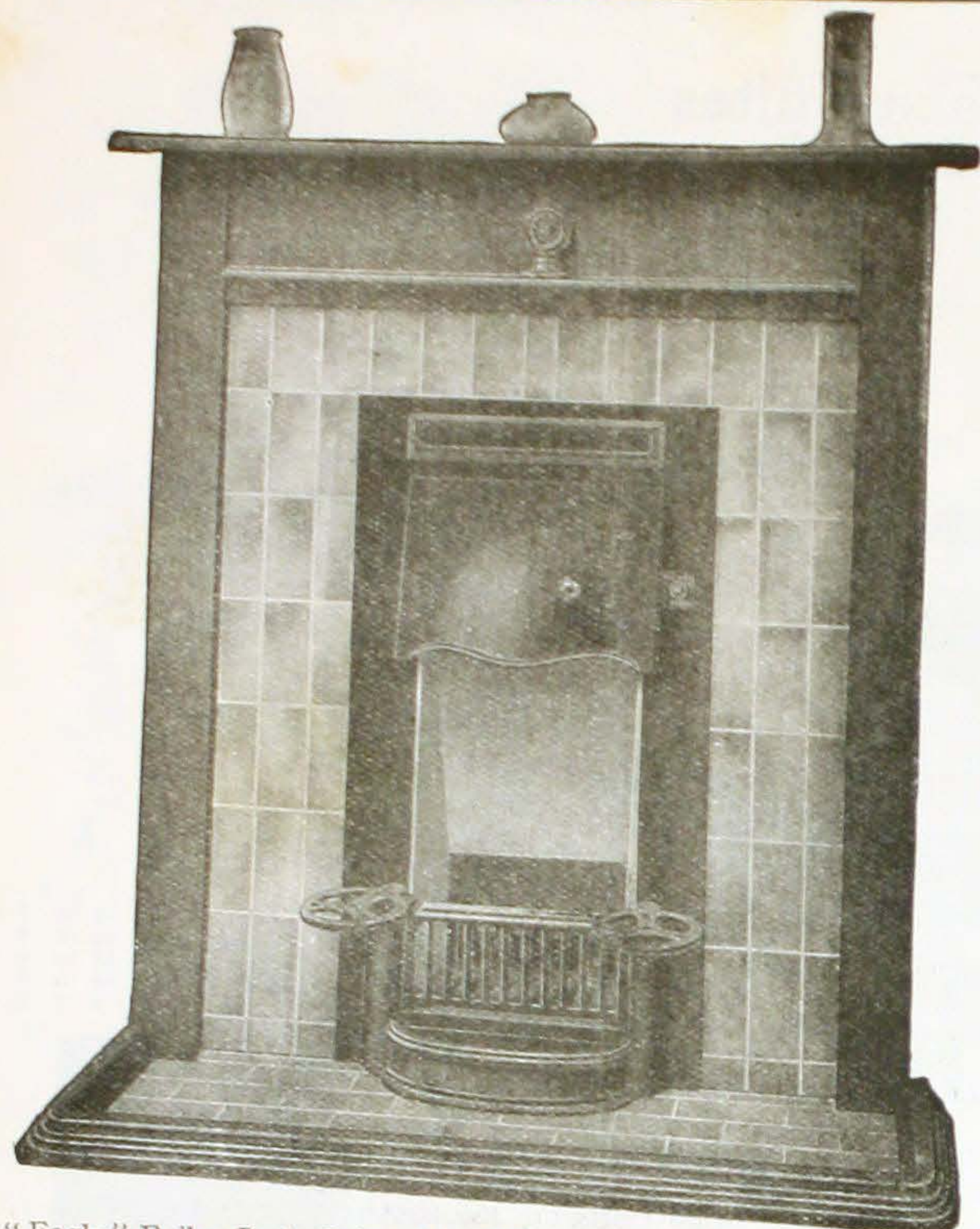
Duplex Burner, with Self-contained Tap for all Fires, 10", 12½" or 14" Fire width

DIMENSIONS.

No.	PGS	PGS	PGS
"LOKA"	2910	2914	2917d
Height	23½"	26½"	30"
Width of Grate	19½"	23½"	26½"
Width of Fire	10"	14"	17"
Height to Flue Top	20½"	22"	23"

PRICES.

Egg-shell Black	55/-	86/-	126/-
Special Finishes except Armour	72/-	108/-	159/-
Armour Finish	93/-	141/-	203/6



"Eagle" Boiler Grate Suite, No. PGS 998 Dimensions of Grate 21" wide; 38" high; depth of brickwork required for fixing 14" only.

The "Eagle" Boiler Grate

Fitted with Cast Iron Back Boiler for Domestic Hot Water Supply.

Advantages :

1. The total depth required for the grate and boiler is 14" only.
2. The highly efficient form of firebrick back and sides, giving maximum heat radiation.
3. Adjustable lift-off canopy with draught regulator. The canopy is made so as to close up the aperture within $\frac{1}{4}$ ". We can make it to close off entirely, if preferred, but do not recommend it.
4. Powerful boiler and complete cast iron back flue, so that no brick flue requires to be built.
5. Adjustable damper to boiler. This damper, while indicating on the front whether open or shut, can be opened to any desired extent, and is so fitted that it will remain in whatever position to which the rod is pulled out.
6. Canopy and boiler damper easily removed for cleaning the boiler flue or sweeping chimney. We have made a special feature of the ease with which the boiler damper can be removed, and invite you to specially examine this.
7. Fall down front bar, to enable the flue under the boiler to be easily raked out, or barless basket fire can be supplied if preferred.
8. Adjustable ashes pan for regulating air supply to bottom of fire.
9. Two swing trivets for boiling accommodation.

No. PGS 998 Prices as illustrated, excluding Ornaments and Clock.			
"Eagle" Boiler Grate, Stove Enamelled Finish	...	...	£8 16 3
Extras for Jacobean Oak Mantel, with under shelf	...	...	2 15 6
Tile Surround in plain enamels	...	...	1 18 3
Hearth Tiles in plain enamels	...	...	0 12 9
Cast Iron Curb	...	...	1 5 6

£15 8 3

Extras not shown above :

Handsome Trivet as shewn in PGS 833 on the following page	£0 10 9
If supplied with Brass or Copper Canopy	0 15 3

The "Eagle Bijou" Combination Grates

Suite No. PGS 999 with Fire as fitted to the "Eagle" Combination Grate and Grate Range, but constructed to suit brick-work openings which are too narrow to accommodate these. The overall size of grate is 22" wide x 38" high, and it will go into an opening 18" deep. The Oven, with Fall-Down Tiled Door, measures 16" wide x 12" high x 14" deep. The Door, when lowered, forms splendid shelf for front of Oven. The Grate is fitted with a very powerful Circulating Boiler, with separate Flue and Damper. All the remaining heat, after passing under Boiler, is conveyed to the Oven Flues. The Boiler is easily accessible for cleaning or removal. The price for the Boiler includes necessary special unions and elbows for flow and return pipes.

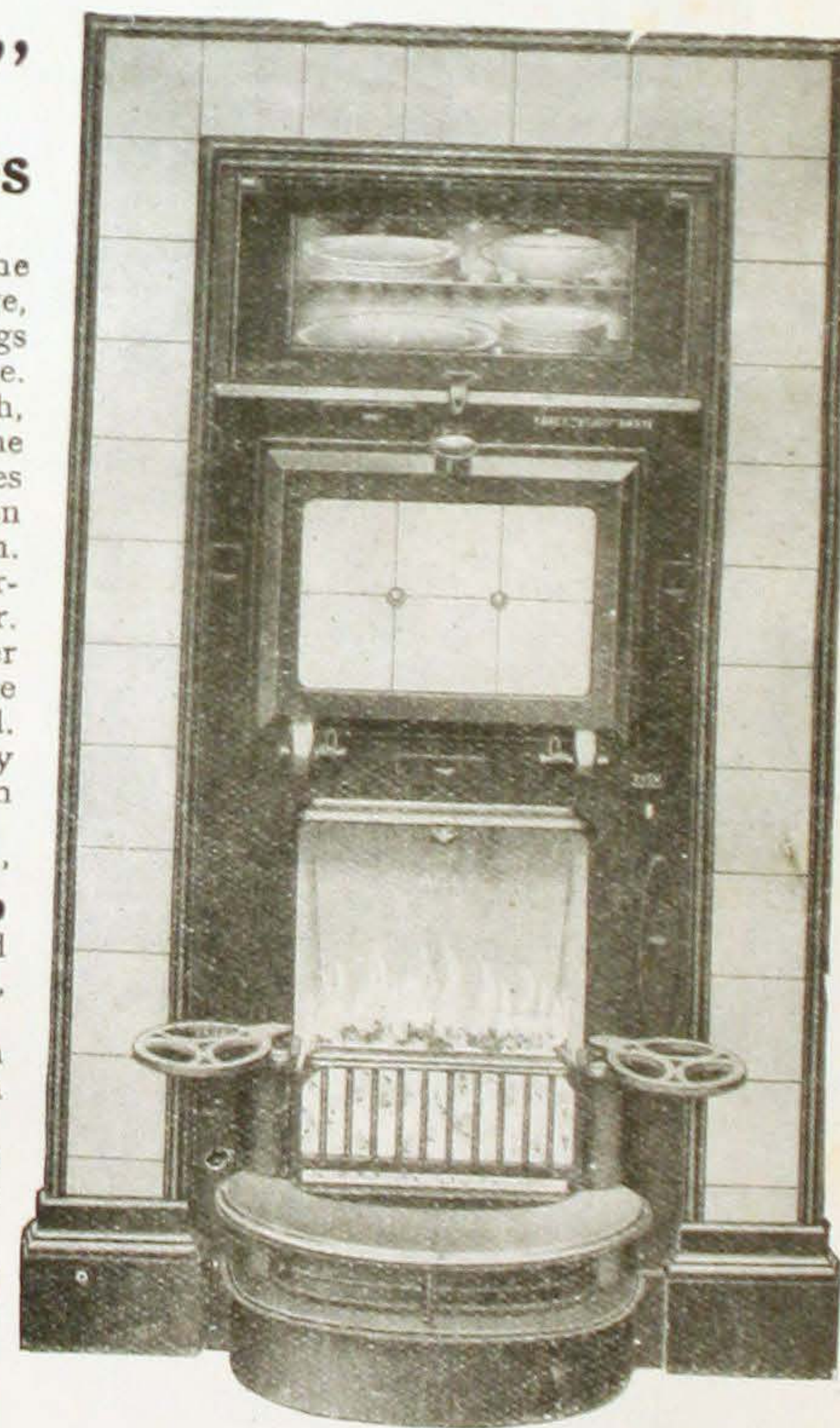
Suite No. PGS 1234 is the "Eagle Bijou" Grate as described under Suite No. PGS 999 but fitted with Hot Closet with perforated Shelf and lift-up Sliding Door, with glass panel, for warming dishes, plates, etc. The Grate has Tiled Mantel Frame fitted with $4\frac{1}{2}$ " square tiles, and is raised 4" higher from floor by means of an Iron Base. If desired, tiles or an iron panel can be supplied in the Hot Closet Door in preference to the glass panel shewn.

SALIENT POINTS :

1. No brickwork Flues required, all self-contained.
2. All Flues cleaned from front without removing oven.
3. Special Main Flue Damper for kindling fire.
4. Fall-down Bars or Barless Fire, and Swing Trivets and Ashes Pan.
5. Adjustable Damper near Fire, which entirely shuts off the Oven.
6. Splendid Hot Water Supply.

Extras Applicable to both Suites :

Cost of Circulating Boiler in Gun-metal or Copper	£6 16 0
Iron Jamb Mouldings	1 0 0
Enamelling Oven Shelves, 2 @ 9/-	0 18 0
Oven Door Back	0 9 0
Handsome Trivet, as on the following page	0 10 9
Extended front to clip Tiles in lieu of half-round Beading	0 5 9



Prices exactly as shown, excluding crockery, Suite No. PGS 1234

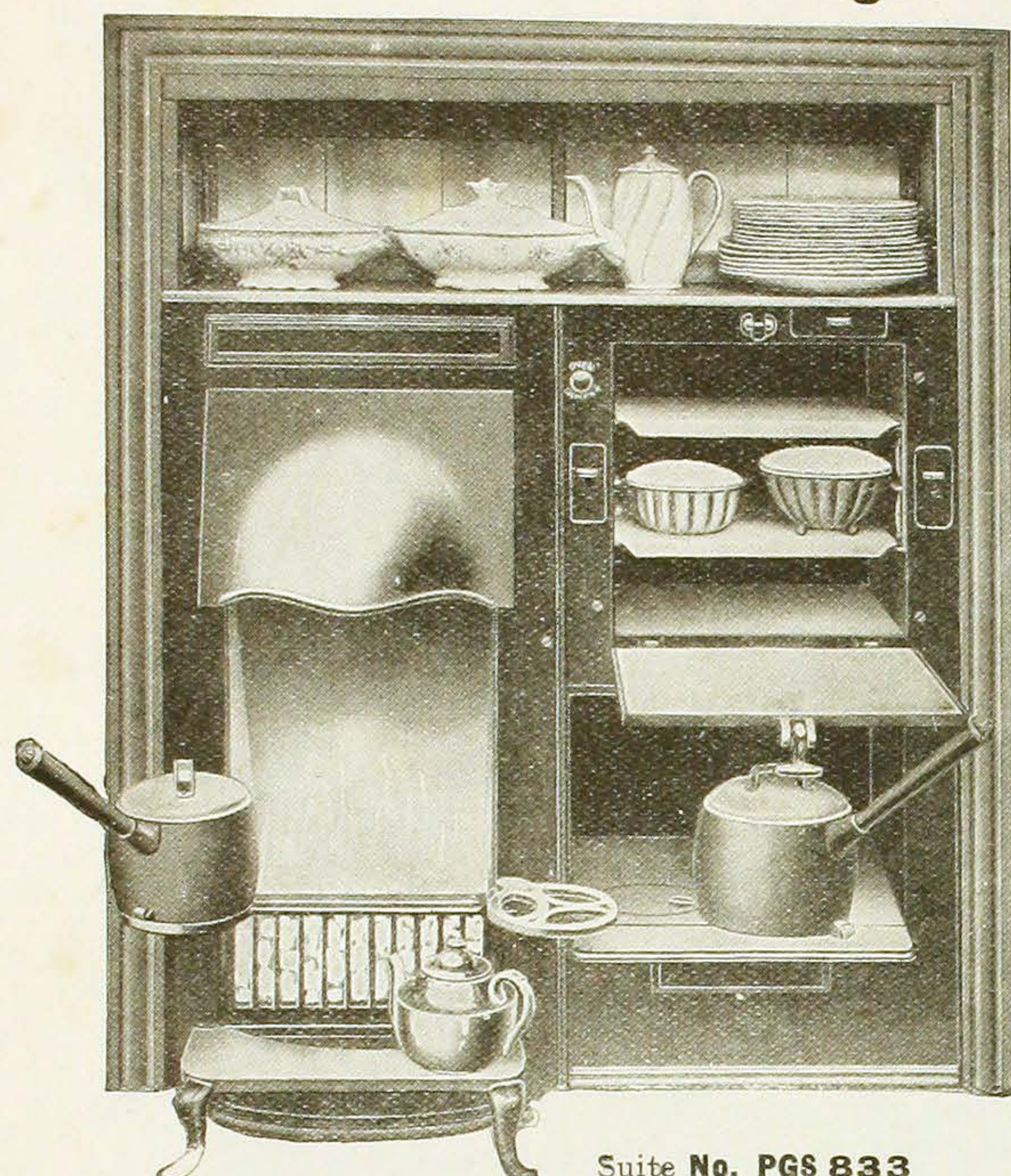
"Eagle-Bijou" Grate in Stove Japan Finish	£9 7 0
Extra for Hot Closet	1 19 9
Half-round Beading for Tiling	0 16 6
Tiled Surround, in Mantel Frame, including Tiles	3 19 6
Iron Base	0 11 6
Footman Trivet	0 10 9
Circulating Boiler in Cast or Wrought Iron	3 8 0
	£20 13 0

Prices exactly as shown. Suite No. PGS 999	
"Eagle-Bijou" Grate in Stove Japan Finish	£9 7 0
Half-round Beading for Tiling	0 16 6
Circulating Boiler in Cast or Wrought Iron	3 8 0
Jacobean Oak Mantel	2 15 6
Tile Surround in Plain Enamels	1 11 6
2½ dozen 6" x 3" Tiles for Hearth	0 12 9
Cast Iron Curb	0 18 0
	£19 9 3

"Bj" Basis.

All PGS—Stock Lines.

"Eagle" Combination Grates



Suite No. PGS 833

With Hot Plate and Tiled Plate Recess above.

POSSESSING a wealth of comfort, economy and convenience the "Eagle" Grate has become the most popular of Combination Grates. Giving a cheerful open fire, satisfactorily cooking all meals and providing a plentiful supply of hot water, its outward elegance and substantial casting put it in a class by itself. Its coal consumption averages less than one shilling's worth per day.

The illustration shows the "Eagle" Patent Combination Grate with Hot Plate and Tiled Plate and Dish Recess, heated by the flues of the Oven and the Fire Grate itself.

This recess is a most useful adjunct to the grate, being a perfect hot closet, in which to heat plates and dishes, or to keep edibles thoroughly warm, being heated from the flues, and not relying upon radiation from the hot plate as in the case of a kitchen range.

We keep a varied selection of Tiles in stock, and practically any colour which a customer may favour can be supplied without delay.

The illustration shows the grate with oven door open, thus giving a useful table in front of the oven.

We also show the white enamelled oven shelves and oven door back, which we strongly recommend owing to their cleanliness, and on account of the reflection of light inside the oven. The Iron Mouldings shown or a Tiled Surround similar to that shewn in the No. PGS 997 below, add greatly to the appearance of the stove.

When Grate is required for fixing in Tiled Surround, we can supply half-round beading fitted to sides and top so as to form a suitable clip for tiles.

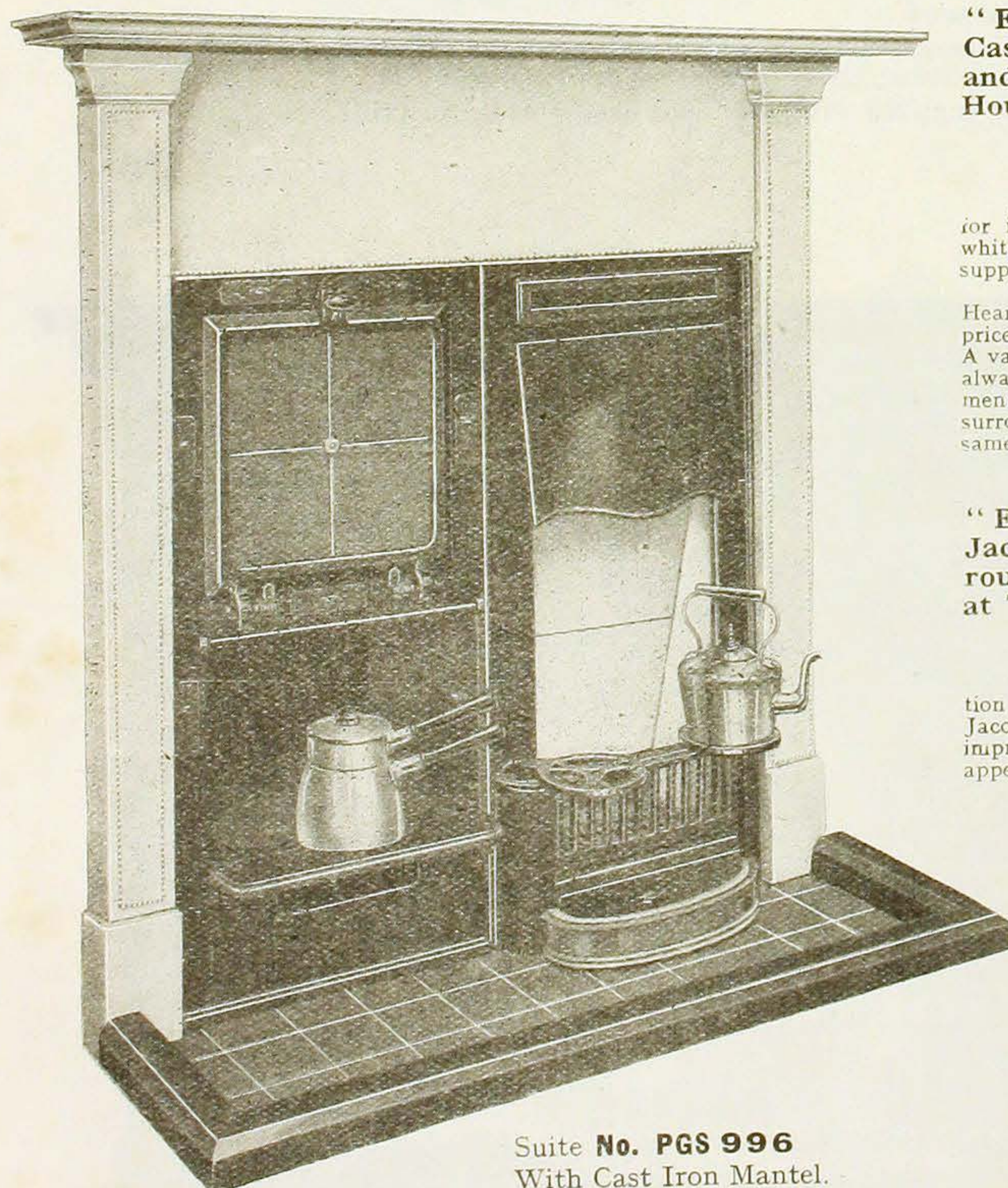
Plain Strips can be fitted to sides and top of Grate, increasing width by 6", and the height as desired, to existing Mantel Pieces.

The Grate can be raised up 4" from floor by the addition of Cast Iron Base.

NOTE.—The bare sides of Grate must not be allowed to come in direct contact with a WOOD Mantel Piece, but may be made up with plain iron strips or tiles.

Prices as illustration. No. PGS 833. Excluding Crockery and Kitchen Utensils.

	38" x 48" high, with Hot Plate and Tiled Recess at top.	42" x 52" high, with Hot Plate and Tiled Recess at top.
Stove Enamelled Finish	£15 16 0	£18 6 0
Extras for Handsome Trivet	0 10 9	0 10 9
C.I. Boiler	4 1 6	4 1 6
Unions, Malleable Iron	0 7 3	0 7 3
White Enamelled Oven Shelves, 2 @ 9/- each	0 18 0	0 18 0
White Enamelled Oven Door Back	0 9 0	0 9 0
Mouldings	1 10 9	1 10 9
	£23 13 3	£26 3 3



Suite No. PGS 996

With Cast Iron Mantel.

Prices as above illustration, excluding Kitchen Utensils.

SUITE No. PGS 996

"Eagle" Patent Combination Grate, 38" x 38" Ordinary Stove	£13 15 6
Enamelled Finish, Tiled Oven Door	4 1 6
C.I. Circulating Boiler	0 7 3
Unions, Malleable Iron	1 14 6
Cast Iron Mantel, to suit, with opening 38" x 38"	1 5 6
3½ dozen 6" x 3" Plain Enamel Tiles for Hearth (colour to suit)	0 18 0
Cast Iron Curb to suit	
	£22 2 3

"Eagle" Combination Grate with Cast Iron Mantel, Tiled Hearth and Cast Iron Curb, Suitable for Housing Schemes.

No. PGS 996

An excellent Suite giving splendid value for its cost. The Cast Iron Mantel, painted white has a "quiet" dotted border and is supplied with white wood shelf.

This illustration shows more clearly the Hearth Tidy or Ashes Tray, included in the price of all "Eagle" Grates.

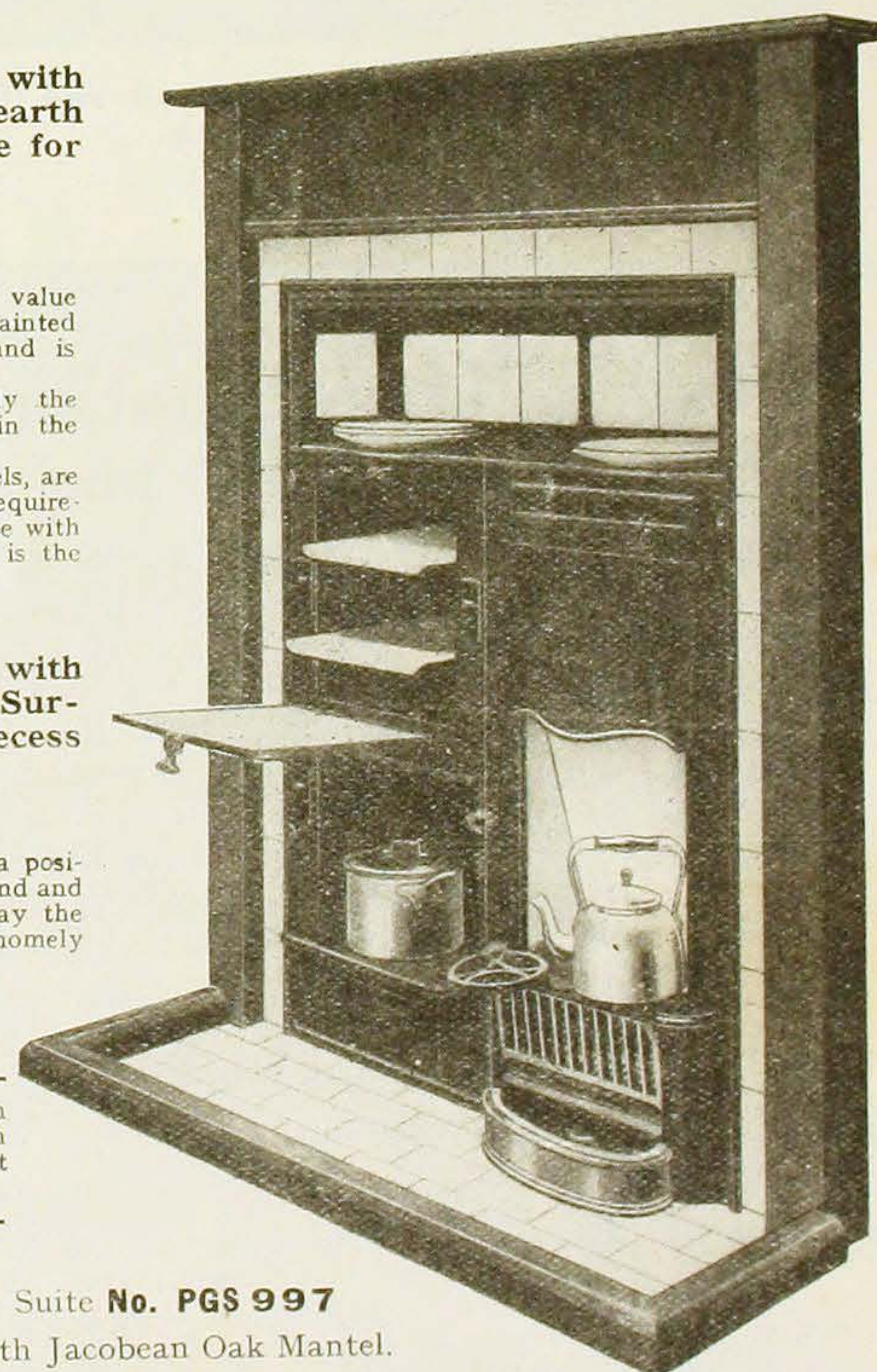
A variety of coloured Tiles in plain enamels, are always in stock, to suit the individual requirements of Customers desiring to harmonize with surrounding colour schemes. The price is the same for most colours.

"Eagle" Combination Grate, with Jacobean Oak Mantel Tile Surround, Hot Plate and Tiled Recess at Top.

No. PGS 997

Quite an attractive Suite befitting a position in any living room. The Tile Surround and Jacobean Oak Mantel tend to take away the impression of a cooking range and the homely appearance senses a welcome.

Handsome Table Trivet as shewn in Suite No. PGS 833 may be had with either of these two lower Suites at 10/9 extra.



Suite No. PGS 997

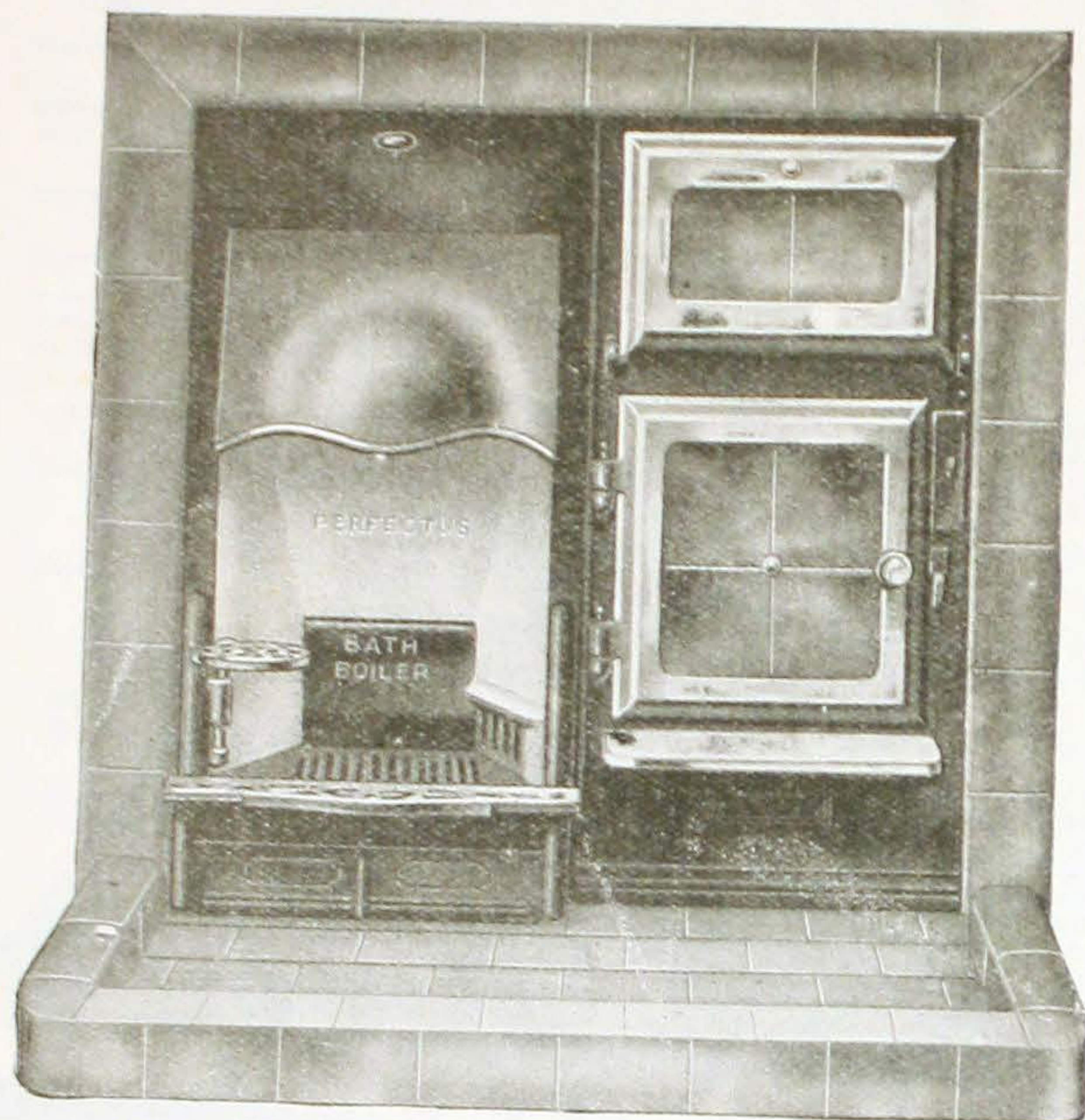
With Jacobean Oak Mantel.

Prices as above illustration, excluding Kitchen Utensils, etc.

SUITE No. PGS 997.

Jacobean Oak Mantel	£3 16 6
"Eagle" Patent Combination Grate, Stove Enamelled Finish, with Hot Plate and Tiled Recess at top, 38" x 48"	15 16 0
Half-round Tiling Bead	1 0 6
C.I. Circulating Boiler	4 1 6
Unions, Malleable Iron	0 7 3
White Enamelled Oven Shelves	0 18 0
Ditto, Oven Back	0 9 0
2 dozen 6" x 3" Antique Blue Egg-Shell Tiles to form Surround	1 0 6
4 dozen ditto for Hearth	2 0 0
Best Black Cast Iron Curb to suit 48" x 12" inside	0 18 0
	£30 7 3

The "Wren" Combination Grate, with Tile Surround.



No. PGS 1230 With Tile Surround, and "Perfectus" Brick Back.

General Description.

Combined Oven, Hot Closet and Interior at side, with self-contained Cast Iron Flues to Oven and Boiler. Sectional brick back in Iron Frame, in three parts when with Boiler and Flue, or in four parts when no Boiler is used. Roll Front Fire (16") with removable Fall Bar. Oven right or left hand. Tiles supplied in any standard colour. Large cleaning doors for easy access to Flues or to Boiler. Hot Closet Door hinged to fall flat and form Dish Rest. **Finish.**—All Berlin Black Finish or with the Mouldings and Oven Table Bright. Also Fine Cast and Blacked.

Sizes:—Width 38", height 38", depth 15" overall front to back. Fire 16", oven 14½" wide × 15" high × 14" front to back. Hot Closet, 15½" wide × 10" high × 14" front to back.

No. PGS 1230 With Tile Surround and "Perfectus" Brick Back.

Price as illustrated.

	£	s.	d.
Fine Cast and Blacked, Mouldings and Oven Table Bright, Tiles in Oven Door and Hot Closet, Wrot.			
H.P. Boiler, one Trivet, etc., complete	9	19	9
White Enamelled Plates, fitted inside both Doors	0	14	6
Tile Surround of 4" × 2½" Tiles	2	17	3
Tile Hearth to suit, 10/3 ; Tile Curb, 42/6	2	12	9
	£16	4	3

Extras: Berlin Black Finish throughout, 12/9 extra.

Extra Trivet to swing over fire, 3/6 extra.

Brass or Copper Canopy, 15/6 extra.

Deductions:—

If prepared for, but not including Tiles, 6/- less.

If without Boiler or Boiler Flues, 40/9 less.

If supplied with All Black Iron Doors (no tiles) 6/- less.

The "Wren" Combination Grate with Cast Iron Mantel.

Combined Oven, Hot Closet, and Interior at side, with Self-contained Cast Iron Flues to Oven and Boiler.

Sectional Brick Back in Iron Frame in three parts when with Boiler and Flue, or in four parts when no Boiler is used. Roll Front Fire with removable Fall Bar. Oven right or left hand. Tiles supplied in any Standard Colour. Large cleaning Doors for easy access to Flues or to Boiler. Hot Closet hinged to fall flat and form Dish Rest.

Finish.—All Berlin Black Finish, or with the Mouldings and Oven Table Bright. Also fine Cast and Blacked.

Sizes:—Width 38", height 38". Depth 15" overall front to back. Fire 16". Oven 14½" wide × 15" high × 14" front to back. Hot Closet 15½" wide × 10" high × 14" front to back.

No. PGS 1231 With Cast Iron Mantel.

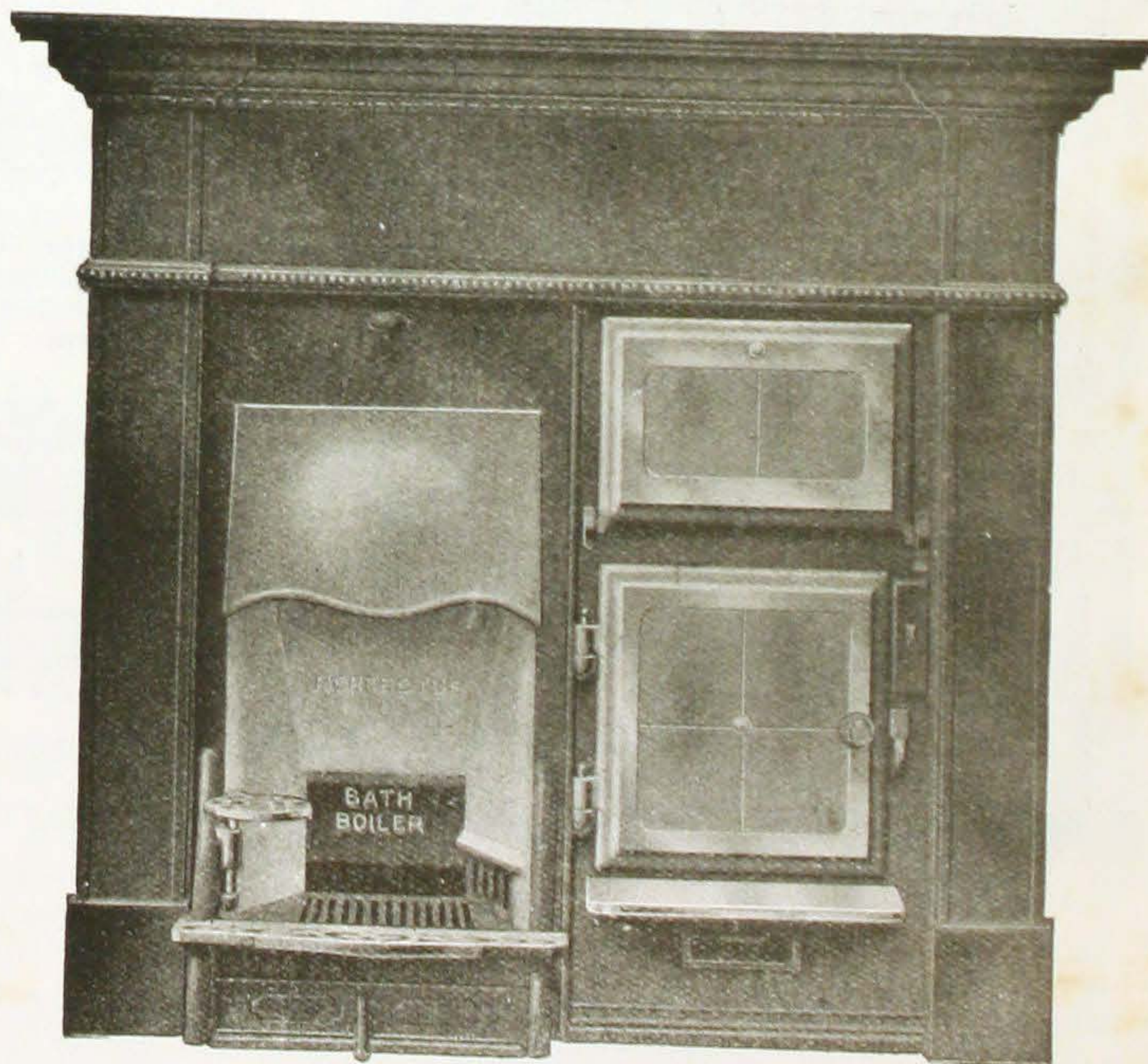
Price as illustrated.

	£	s.	d.
Fine Cast and Blacked, Mouldings and Oven Table Bright			
Tiles in Oven Door and Hot Closet, Wrot. H. P.			
Boiler, Trivet, etc., complete	9	19	9
White Enamelled Plates, fitted inside both doors.	0	14	6
Mantel No. PGS 1008 Fine Cast 6" Jambs, 13" Frieze, 57" × 7½" Shelf	2	11	0
	£13	5	3

Extras and Deductions same as for No. PGS 1230

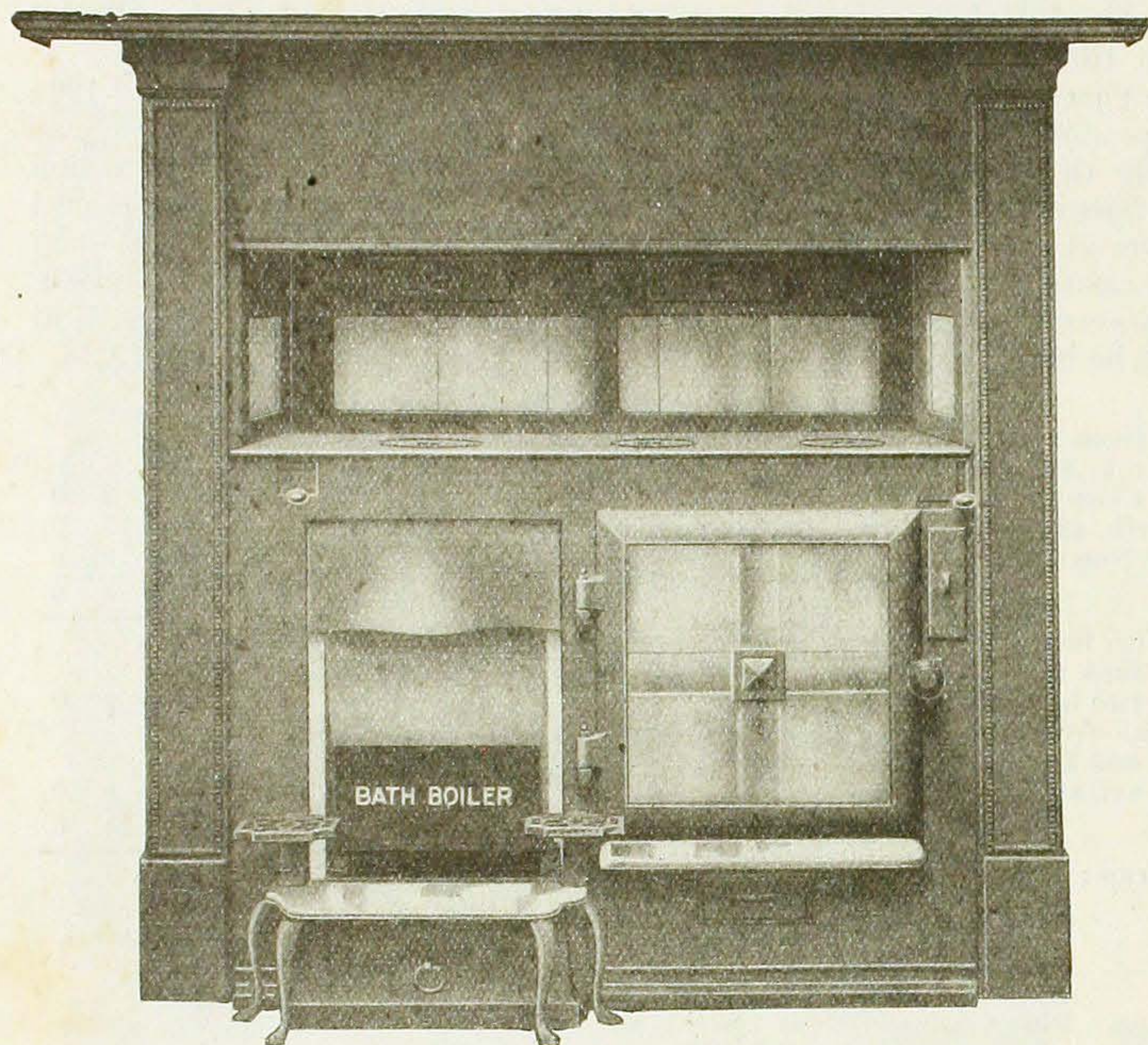
No. PGQ 1009 Cheaper Mantel, Fine Cast, 4" Jambs, 10" Frieze, 50" × 7½" Shelf, 28/3

No. PGQ 1011 Ditto, but with 4½" Jambs, 11½" frieze, 50" × 7½" Shelf, 34/-



No. PGS 1231 With Cast Iron Mantel.

The "Curlew" Combination Grate, with Tiled Hot-Plate Recess.



No. PGQ 1232 With Tiled Hot-Plate Recess.

General Description.

Combined Oven, Hot-Plate, Interior, etc., with self-contained Cast Iron Flues. Patent Roll Top Front Bars, Adjustable Fire, sectional Bricks, Lift-off Canopy, Low Fire. Oven right or left hand. Tiles supplied in any standard colour. Fire, 13" wide, Oven, 15"×16" high×14" front to back. Height to top of Hot Plate, 28". Total depth front to back, overall 14½". Size of Grate 38"×38".

	£	s.	d.
No. PGQ 1232 With Hot-Plate Recess, Fine cast and Blacked, Tiles in Door and Hot-Plate Recess, H.P. Boiler, complete with Trivet and Table as shewn	12	9	6
White Enamelled Plate fitted inside Oven Door and White Enamelled Oven Shelves	1	3	0
Mantel No. PGQ 1011 Fine Cast, 4½" Jambs, 11½" Frieze, 50"×7½" Shelf	1	14	0
	£15	6	6

Extras :—Ground and Berlin Black Finish throughout, 45/3.

Deductions : If without Bath Boiler or Boiler Flues, 68/- less.

If prepared for but not including Tiles, 11/6 less.

The "Curlew" Combination Grate with Tiled Covets.

General Description.

Combined Oven, Hot-Plate, Interior, etc., with self-contained Cast Iron Flues. Patent Roll Top Front Bars, adjustable Fire, Sectional Bricks, Lift-off Canopy, Low Fire. Oven right or left hand. Tiles supplied in any standard colour.

Fire, 13" wide, Oven, 15"×16" high×14" front to back.

Height to top of Hot Plate, 28".

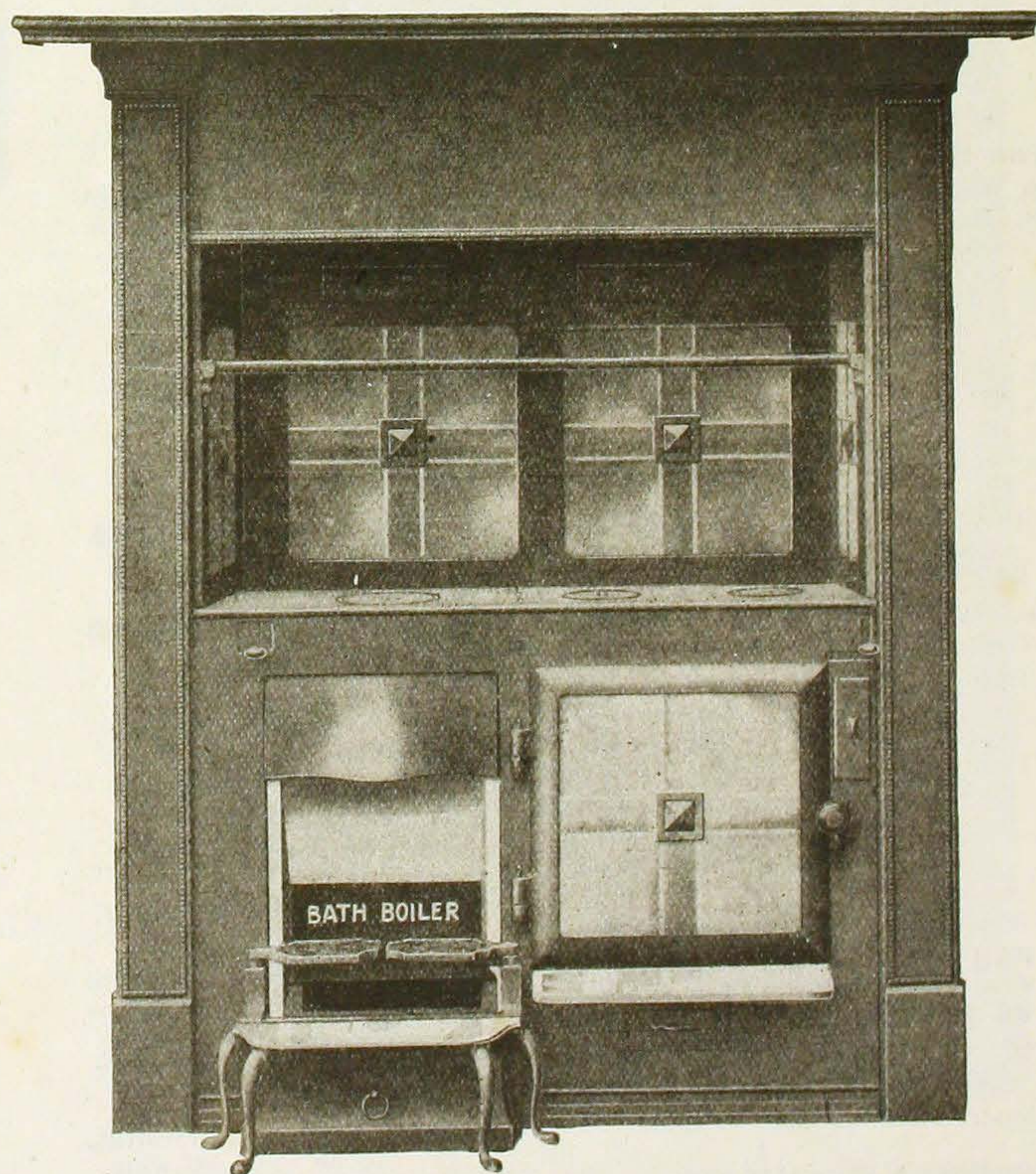
Total depth front to back, overall 14½".

	£	s.	d.
No. PGQ 1233 Fine Cast and Blacked, Tiles in Door and Covings, Wrot. H.P. Boiler complete with two Trivets and Fire Table	14	3	6
White Enamelled Plate, fitted inside Oven Door and W.E. Oven Shelves	1	3	0
Mantel No. PGQ 1011 Fine Cast, 4½" Jambs, 11½" Frieze, 50"×7½" Shelf... ..	1	14	0
	£17	0	6

Extras : Ground and Berlin Black Finish throughout, 55/3

Deductions : If without Bath Boiler or Boiler Flues, 68/- less.

If prepared for, but not including Tiles, 11/6 less.



No. PGQ 1233 With Tiled Covets.

"B" Basis.

The "PARWINAC" (Regd.) Grate

Patent No. 4724/23

The "Parwinac" Grate is 36" wide, with hobs 26" high from the floor. The Oven Hob is 18" wide $\times$ 12 $\frac{1}{2}$ " deep. Depth of brickwork required with Hot Water Boiler is only 18".

The Cast Iron Oven, which is fitted with tiled door, is 14 $\frac{1}{2}$ " $\times$ 14 $\frac{1}{2}$ " $\times$ 12 $\frac{1}{2}$ " deep, and the sides are rounded to assist the currents of hot air to pass freely all round. The Oven has a patented draft accelerator by which the bottom can be made as hot as the top, and will hold four two pound loaves at one time and bake them perfectly. There is a patented open and closed fire arrangement, the simplest and most effective yet devised, to prevent any smoke escaping, no matter from what direction the wind may be blowing.

Prices as illustrated. No. PGQ 864

36" Oven and Sham with Coves, Plate Rack, etc., complete with C.I. Mantel and Shelf, fitted with Tiles as shown, Open and Close Fire	£	s.	d.
Hearth, 42" $\times$ 18" (3 $\frac{1}{2}$ dozen 6" $\times$ 3" tiles)	0	17	0
Cast Iron Curb	1	5	6
Without Boiler	£11	4	6

If with Back Boiler Wrot. Welded, Arch Flue, $\frac{5}{16}$ " plate fitted with sunk man-lid, complete with India-rubber Joint Rings, drilling two holes up to 1 $\frac{1}{4}$ "

Note.—When Back Boiler supplied, Grate is fitted with Soot Door and Damper on Sham Side in lieu of Panel of Tiles and charged extra

With Back Boiler £12 11 6

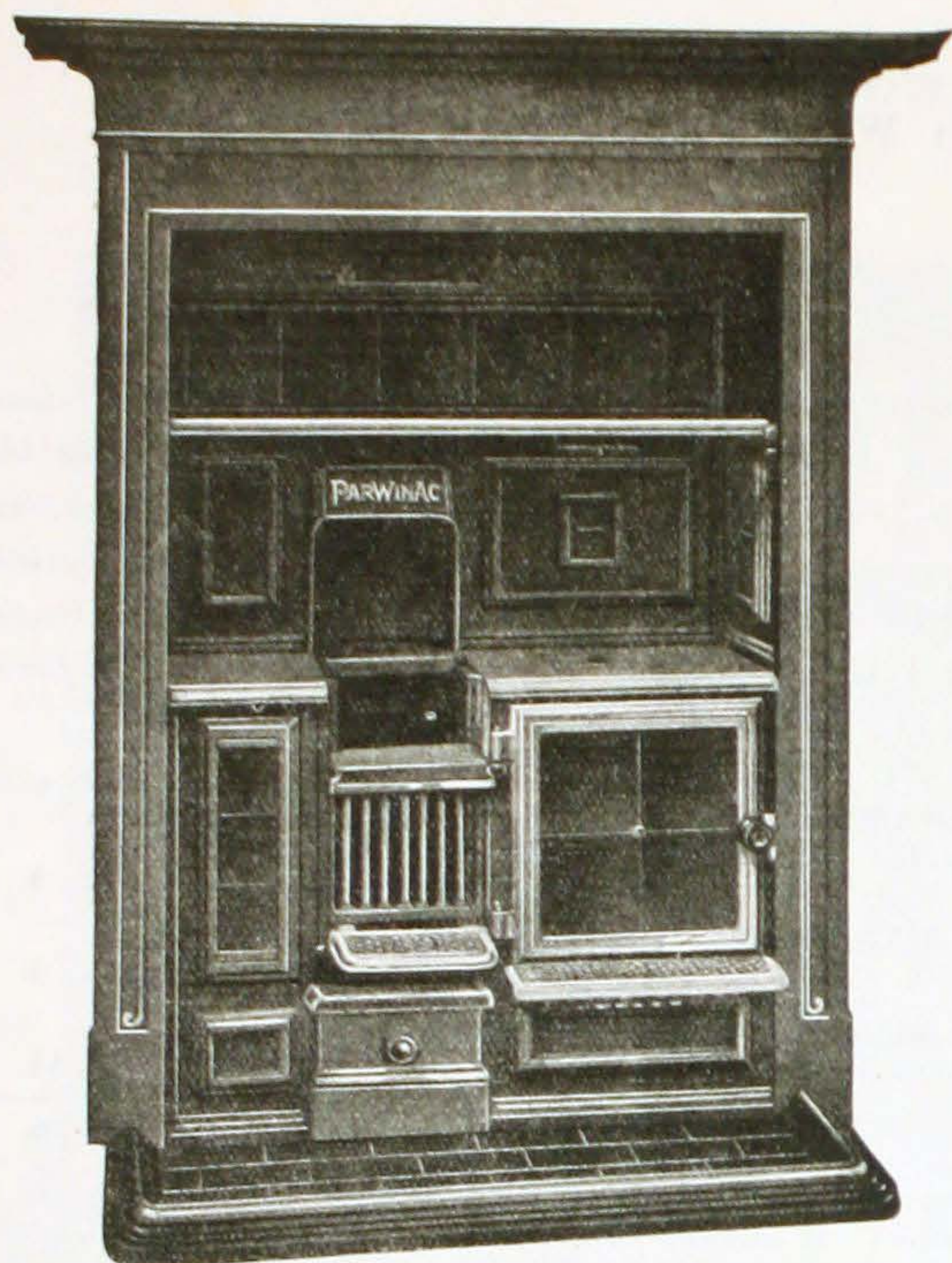
Extras : If with Side Boiler and Brass Tap, 25/6 extra.

If with Solid Oven Door, finished Berlin Black, 8/6 extra.

If supplied B.B. Finish throughout with Hobs and Doors Ground and B.B., 25/6 extra.

If fitted with Lifting Fire, 9/6 extra.

Fine Cast Iron Mantel fitted with Single Iron Shelf included in above, supplied separately, 25/6



No. PGQ 864

The "PARWINAC" (Regd.) GRATE.

Adopted by the Birmingham Corporation and other leading Municipal Bodies.

Oven Grate

No. PGS*709A

With Back and Crane. Range Pattern. *Stocked only in 36"

With Bright O.G. Mouldings. Oven Bands and Latch. Height to top of Hobs, 26"; Total Height, 48", Oven, 15", Fire, 9" Inside size of Oven, 14 $\frac{1}{2}$ " wide $\times$ 11" high $\times$ 11" deep.

	Oven and Sham, no Back.	Oven and Sham with Back and Cast Crane.	Oven and Boiler, Brass Tap, Back and Cast Crane.	Double Oven, Back and Crane.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Size, 30"	2 2 6	2 12 9	—	—
Size, 36"	2 6 9	2 17 0	4 0 0	—
Size, 39"	2 13 6	3 8 0	4 8 6	—
Size, 42"	3 2 3	3 16 6	5 3 0	4 16 0
Size, 48"	—	—	—	5 9 6

If with Wrot. Welded Arch Flue Boiler, $\frac{5}{16}$ " plate, fitted with sunk Man-lid, complete with India-rubber Joint Rings, drilling two holes up to 1 $\frac{1}{4}$ ", £1 1 0 extra.

Note.—When Back Boiler is supplied Grate is fitted with Soot Door and Damper on Sham Side and charged extra, 6/-

Extras : End Coving and Cover Plate, for 30" to 36" ... 17/-
End Coving and Cover Plate for 39" to 48" ... 21/-

Plate Racks for 30" to 36" 7/8 39" 9/6 42" 12/- 48" 13/9

Ashes Pan and Fire Table Trivet ... 10/3

Bright Table under Oven ... 7/-

If made with 12" fire ... 1/9

If with "Clara" patent open and close sliding panels 8/6

Deduction :—If without Brass Tap, 4/3 less.

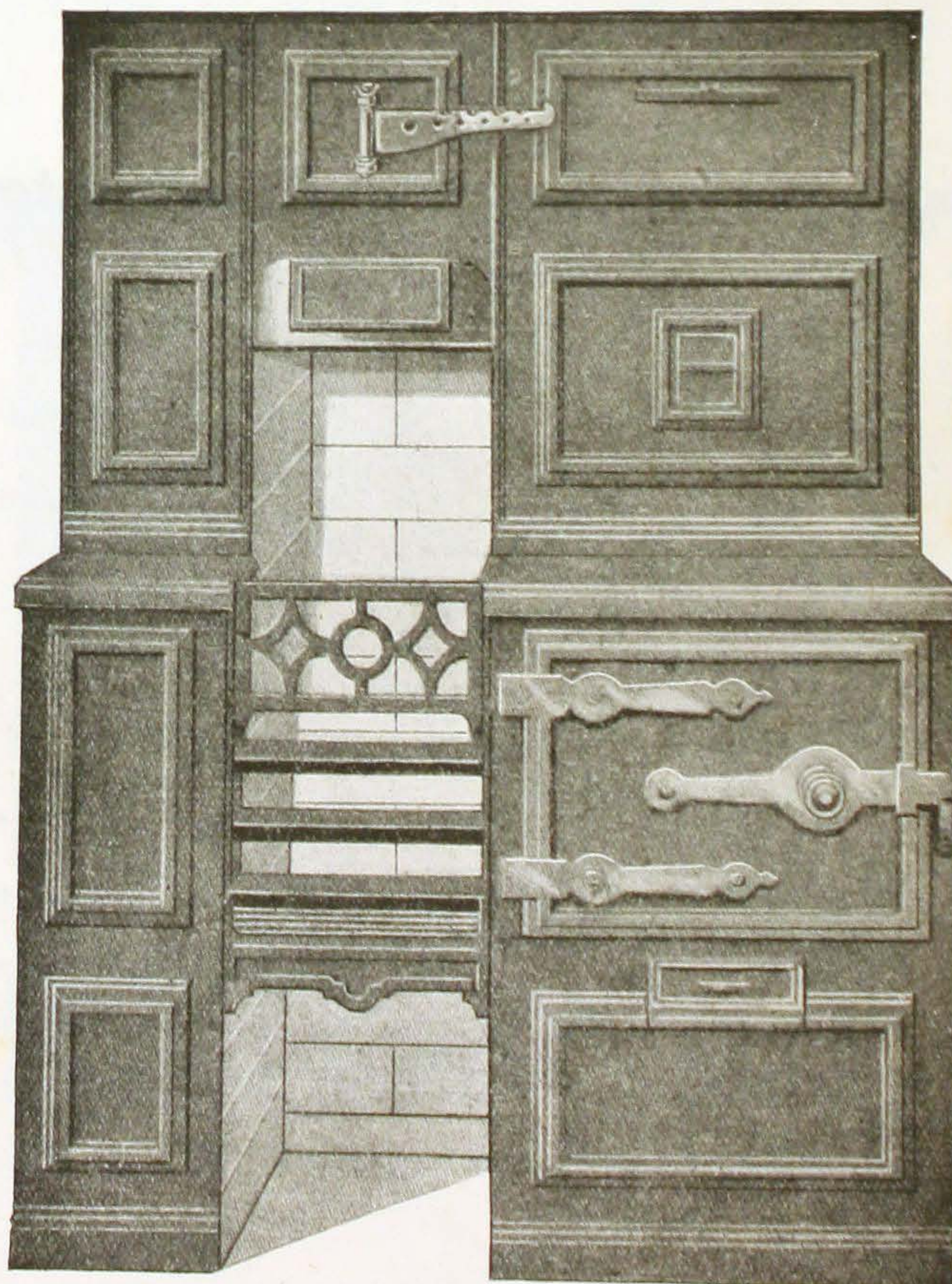
No. PGQ 709 As above but with 13" Oven and 10" Fire, may be had in sizes 30" and 36" at same prices, but cannot be supplied as quickly as **No. PGS 709A**

JAMB MOULDINGS. No. PGS 30

As illustrated around the "Popular" Cottage Range. Made in two widths.

	36"	42"	48"	54"
3" Mouldings, 4' 3" or 4' 6" high	23/-	26/4	40/-	53/6
4 $\frac{1}{2}$ " " 4' 6" or 5' 0" high	38/3	40/10	48/6	59/6

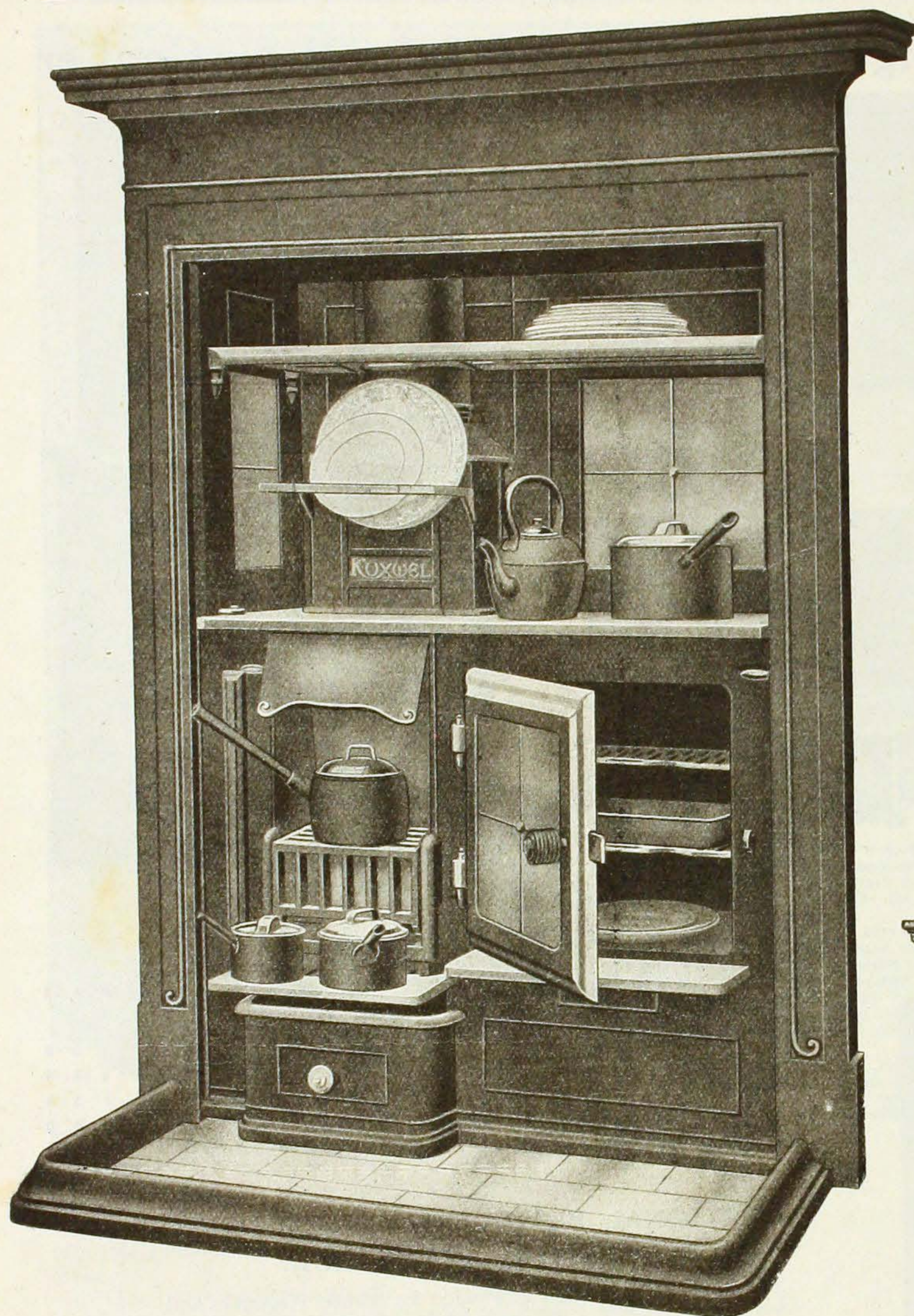
Height to suit Oven Grates, 4' 3" inside measurement.



No. PGS 709A

"B" Basis.

PGS—Stock Line ; PGQ—Quick Delivery.



The "Kuxwel" Grate with Enamelled Coves

Patented and Registered.

Suite No. PGQ 991

The White Enamelled Sheet Iron Covings are very attractive, thoroughly hygienic and easily kept clean.

Prices :

Suite No. PGQ 991—Type B.

Price of **Grate only**, as illustrated, including Fine Cast and Blacked Finish with Bright Mouldings, Tables and Plate Rack, Heavy Cast Iron Oven with Tiled Door, Iron Flues to Oven, White Enamelled Sheet Iron Covings, *without* Boiler at back, requiring brickwork or concrete to fill in spaces at back of fire and on Sham Side ...

£7 13 0

Cast Iron Mantel to suit as shewn ... Extra ...

£1 8 3

Suite No. PGQ 991—Type C.

Similar to Type B, but Stove with *Back* Coving of White Enamelled Sheet Iron, and Wrot. Iron Plate Rack supported on C.I. Side Brackets, completely enclosed with Sheet Iron Sides to Oven, all other parts Cast Iron and all Cast Iron Flues. *Without* Boiler at back ...

£8 1 6

Ditto. with Wrot. Bath Boiler and C.I. Flue 42/6 extra.

£1 8 3

Cast Iron Mantel to suit as shewn ... Extra ...

The "Kuxwel" Combination Grate

Heavy Cast Iron Type.

Patented and Registered.

Suite No. PGQ 990

This is not an ordinary Portable Stove but is constructed as a durable up-to-date Coal Saving Stove giving plentiful supplies of hot water, hot oven and ample cooking convenience. Requires no Brickwork flues, self setting, goes into brickwork opening 14" deep. Ovens made right or left hand. Patent Plate Holder, takes any size plate. Ample accommodation for cooking utensils. Bath Boiler ensures quick supply of hot water. All Cast Iron—Substantial—With Fire Bricks, etc., Tiled Door, Tiled Covings, etc.

Prices, excluding Crockery and Kitchen Utensils.

Suite No. PGQ 990—Type A.

Price of Stove complete as illustrated, including Fine Cast and Black Finish with Bright Mouldings, Tables, and Plate Rack; Tiled Door and Covings and piece of 6" pipe, 24" long ...

£8 18 6

Cast Iron Mantel to suit ...

1 8 3

Wrot. Bath Boiler ...

1 0 0

Cast Iron Curb 36" x 9" inside ...

1 0 6

Tiled Hearth ...

0 7 9

£12 15 0

Suite No. PGQ 990—Type D.

Grate only up to Hot-Plate level. No Mantel, Covings, Plate Rack, Tiled Hearth and Curb; also minus the 2' of 6" pipe and without Boiler. Quite self-contained, no brickwork flues to build. ...

£7 4 6

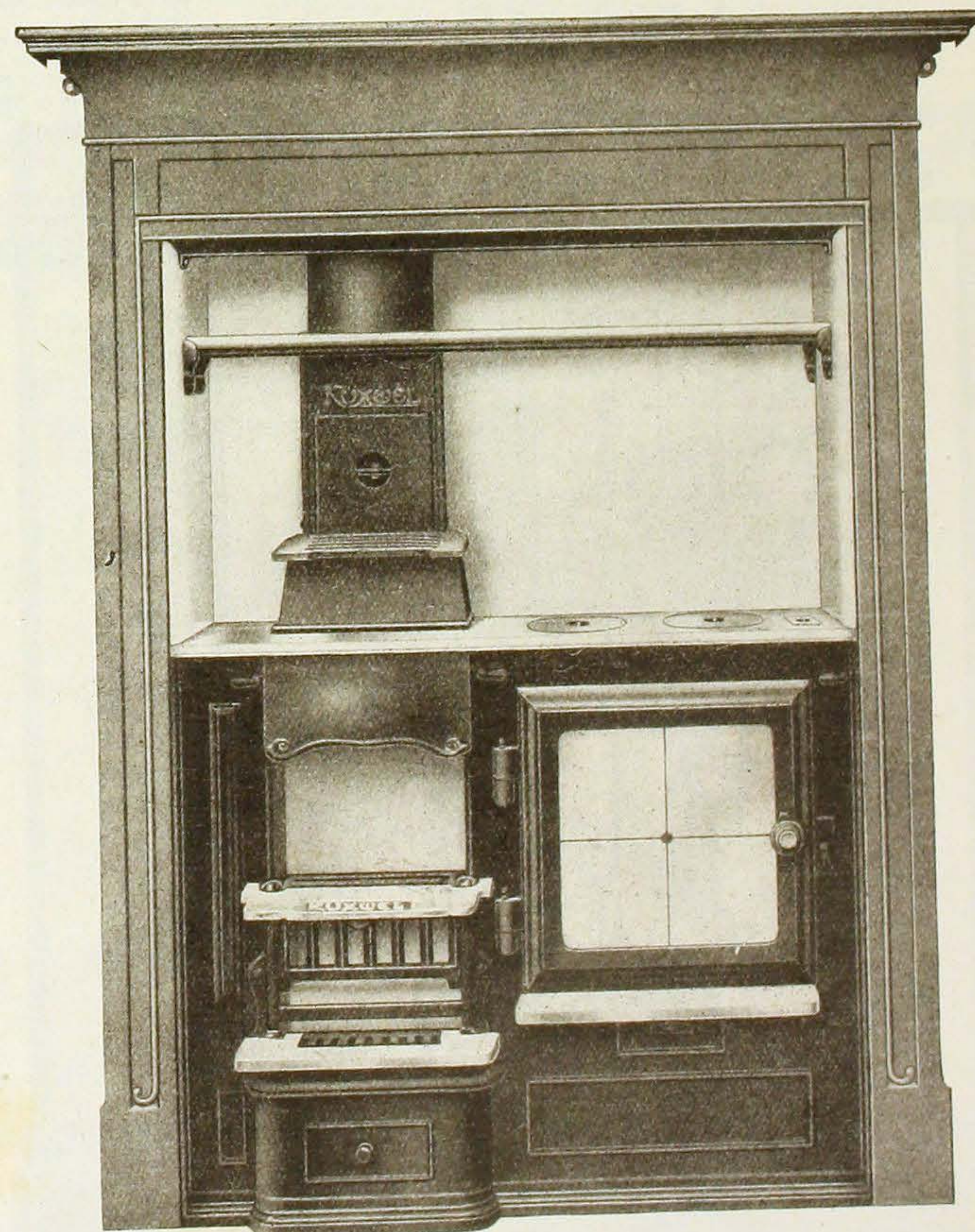
Ditto with Boiler ...

9 7 0

2' 0" length of Cast Iron Pipe to fit on Bonnet, 7/- extra.

Sizes—Suite No. PGQ 990

Stove, 36" wide, 30" high to Hobs; 51" high to top of Coves. Mantel: 4" Jambs, 10" Frieze. Shelf, 50" x 7½". Total height overall, 62" Oven inside measures 15" x 15" x 13½" deep.

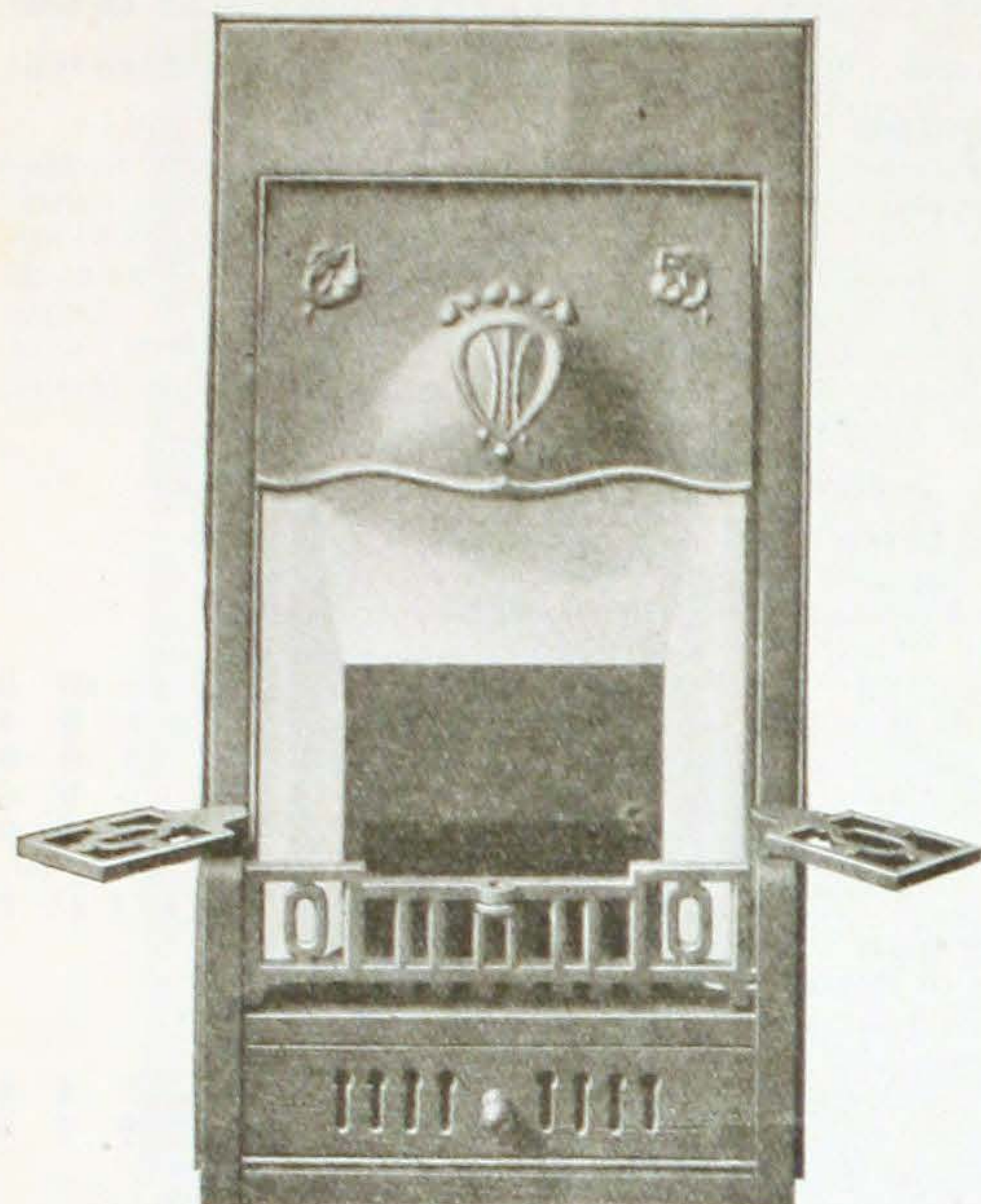


No. PGQ 991 Stove 36" wide, 30" high to Hobs, 51" high to top of Coves. Mantel: 4" Jambs, 10" Frieze. Shelf, 50" x 7½". Total height overall, 62". Oven inside measures 15" x 15" x 13½" deep.

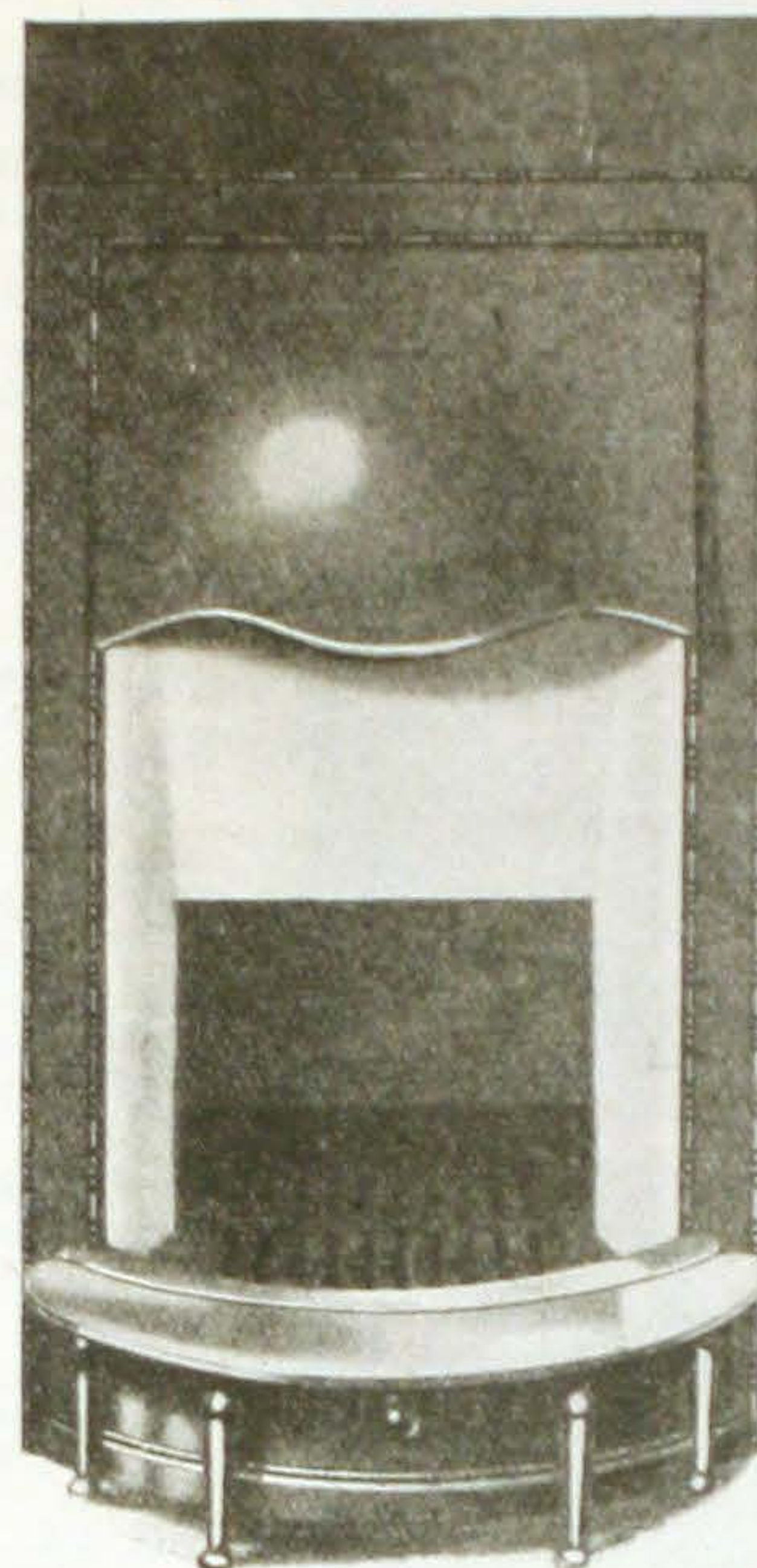
"B" Basis.

All PGQ—Quick Delivery.

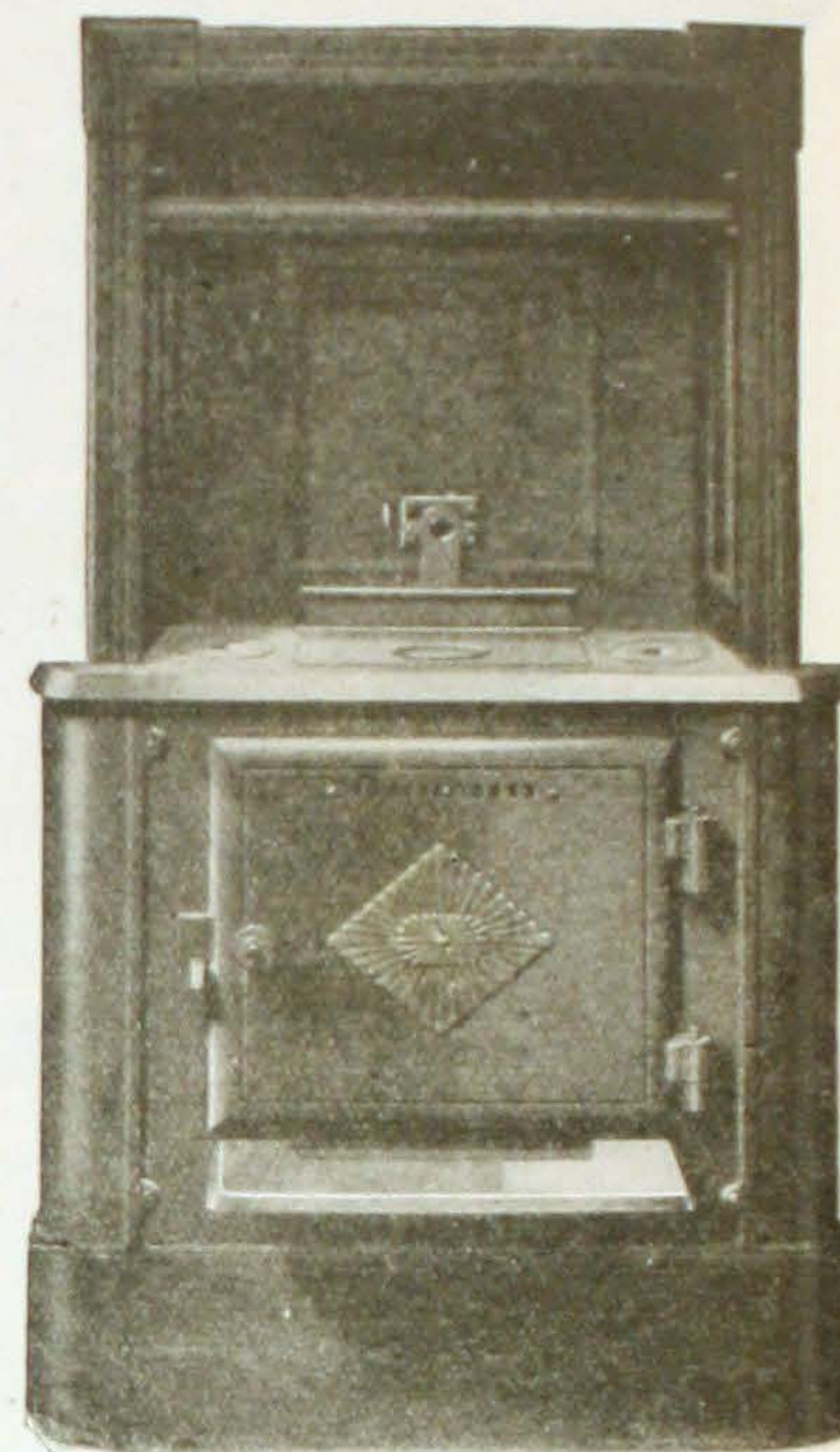
The "URE" Back-to-Back Living Room Grate and Scullery Cooker



No. PGO 935—Back-to-Back Oven, having 24" wide Hot-Plate with Interior as shewn, 20" x 38" having matted surface, 16" fire, having Fall-bar and two Swing Trivets, Swing Canopy, stoved and stoved blacked, and Oven fine cast and blacked ... £12 15 0
 Antique Copper or Brass Canopy, extra ... 0 18 3
 Copper Boiler, 1/2" plate, two 1" tapped bosses, no manlid, extra ... 1 14 0
 Ditto, fitted with Oval Double Nutted Manlid, extra ... 2 0 0
 Wrot. Welded Boiler, 1/2" plate, with double nutted Manlid and Joint Rings, drilled two holes, extra ... 0 18 0
 Do., with Sunk Manlid, extra ... 0 18 9



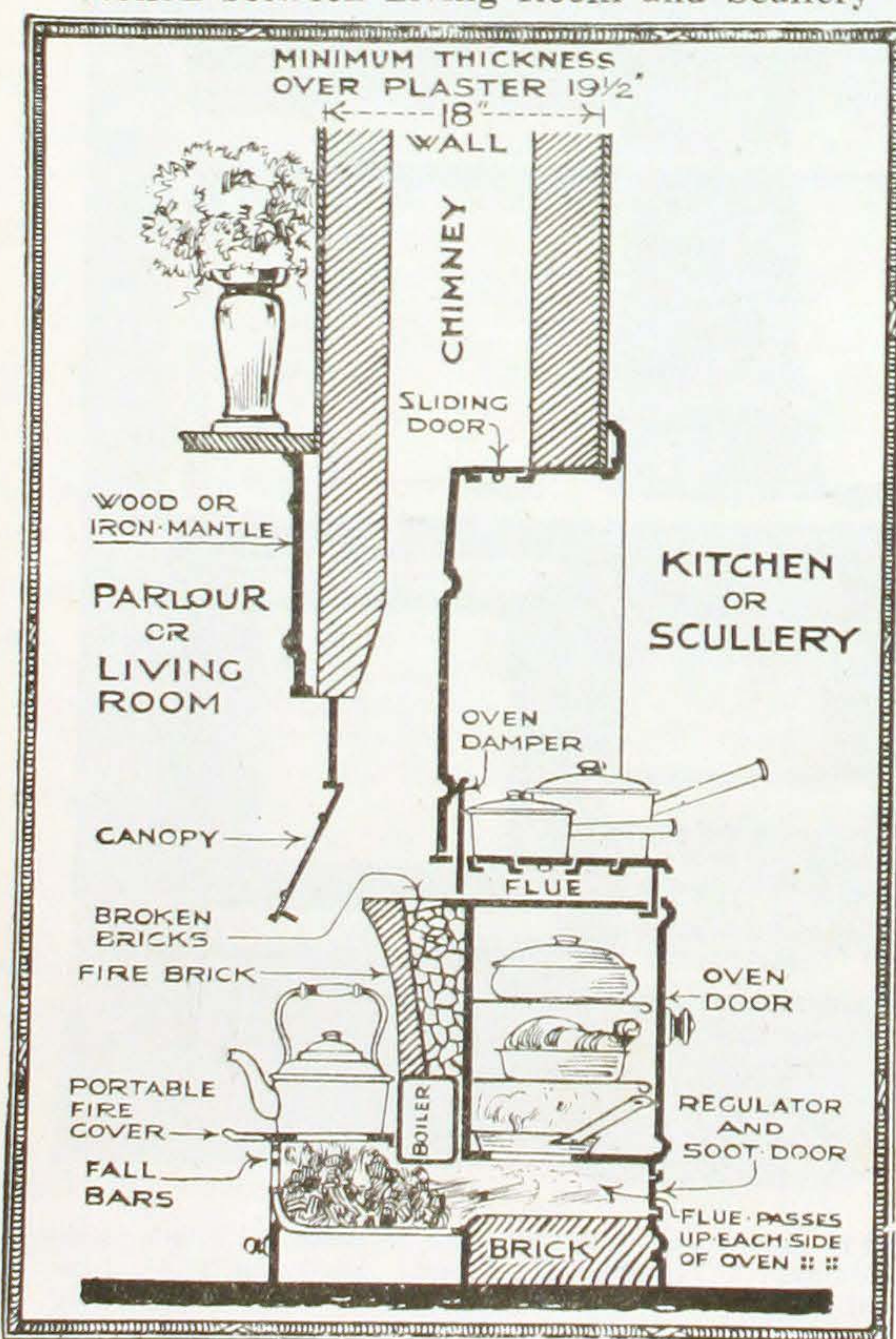
No. PGO 930—Back-to-Back Oven, having 24" wide Hot-Plate, with interior as shewn, 20" x 38", having 16" Bar-less Fire and Fret, Swing Canopy, all ground and Berlin blacked, 4th finish, and Oven fine cast and blacked ... £12 19 6
 Ditto, 3rd finish, extra ... 0 8 0
 Antique Copper or Brass Canopy, extra ... 0 18 3
 Table for front of Barless, G. and B.B. extra ... 0 14 3
 Table covered in Antique Copper or Brass, extra ... 1 2 9
 Copper Boiler 1/2" Plate, two 1" tapped bosses, No Manlid, extra ... 1 14 0
 Ditto, fitted with Oval double nutted Manlid extra ... 2 0 0
 Wrot. Welded Boiler, 1/2" Plate, with double nutted Manlid and Joint Rings, drilled two holes, extra ... 0 18 0
 Ditto, with Sunk Manlid extra ... 0 18 9



Back-to-Back Oven.
 Extras on Oven Side.

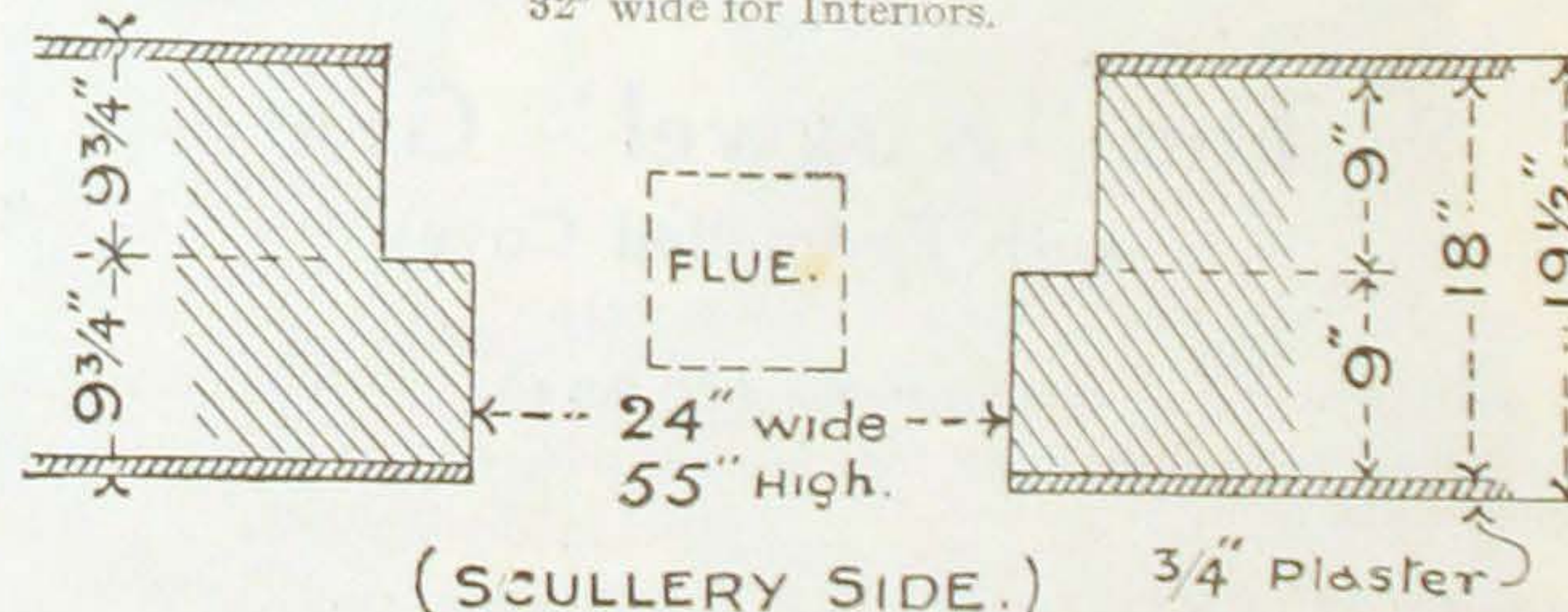
Scullery Cooker, Stove Berlin Blacked	£0 9 0
Front of Plate Rack and Front of Hot-Plate and Bracket Shelf Nickel Plated and other parts Berlin Blacked	3 3 0
Hot-Plate, Ground Bright	0 16 6
Hot-Plate, Ground and Berlin Blacked	1 3 3
Packed Oven Door	0 8 0

Section between Living-Room and Scullery



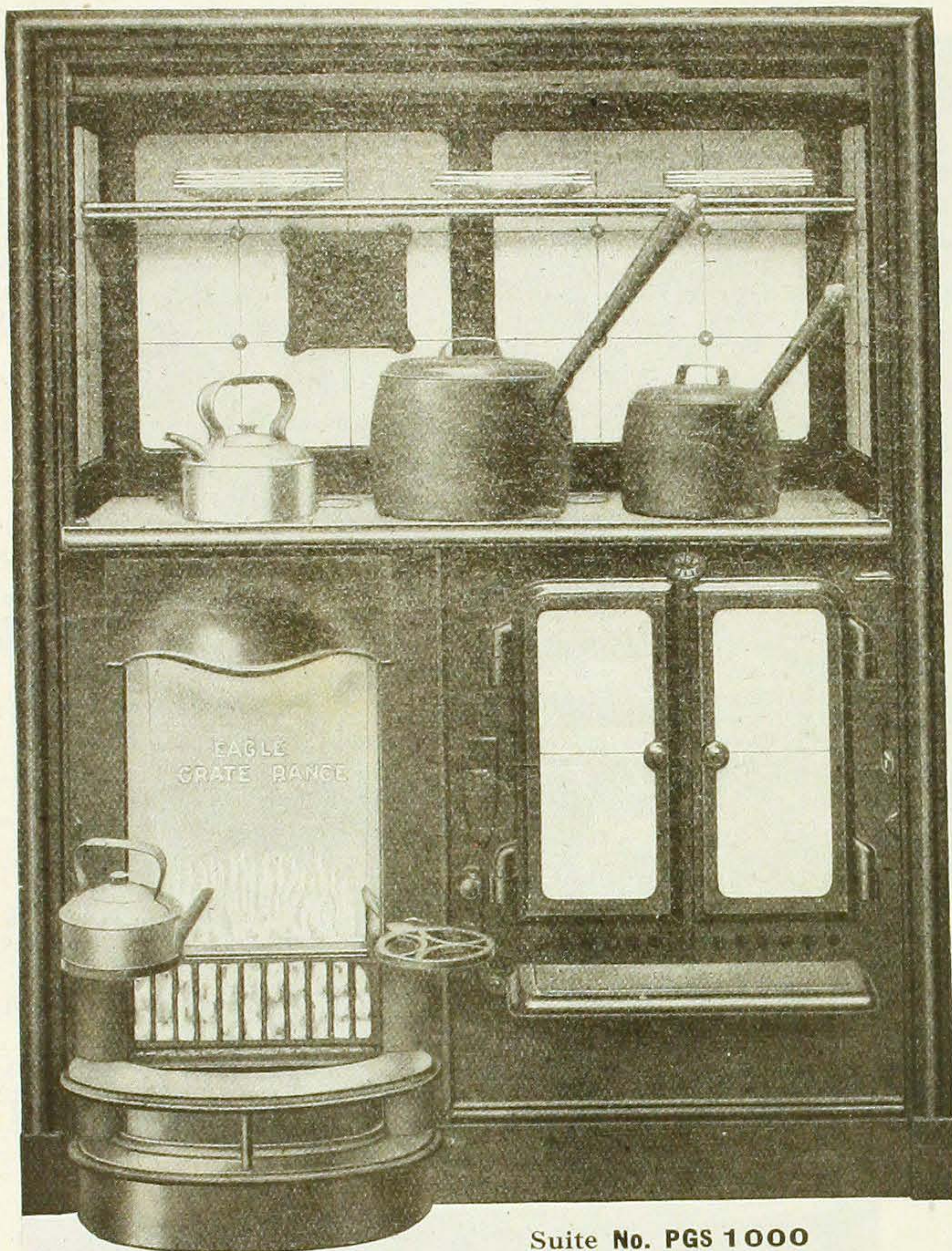
SECTIONAL PLAN THRO' WALL OPENINGS. LIVING-ROOM SIDE.

Opening 38" high x 29" wide for Mantel Registers and 32" wide for Interiors.



The Back-to-Back Sitting Room Fire and Scullery Cooker has the fire in the sitting or living-room, and from it the flame passes under the high pressure boiler at back of fire direct to the bottom of an 18" oven in the scullery. The heat passes up the flues on both sides and over the top of oven to the chimney giving an uniform heat to the oven.

Three places are provided for boiling—On the bottom plate of oven, on trivet over centre of fire or portable fire cover in living room, also on hot plate.



Suite No. PGS 1000

The "New Eagle Grate Range"

(FOR GAS OR COAL)

The illustration shows Grate for either Gas or Coal with lift-up Gas Hot Plate for Boiling and Grilling, and Gas connected for Heating Oven.

This Grate possesses all the advantages of the Coal Heated one, and has also the very latest improved method of Heating the Oven and Hot Plate by Gas. The Oven is capable of baking 20 lbs. of Bread at one time, and the gas cannot be turned on until the Vent is opened, thus making it quite safe from explosion.

The "New Eagle Grate Range" is Self-contained; no brick-work Flues to build.

Bottom of Oven can be used as Boiling Hot Plate.

Sizes: 42" wide x 54" high. Oven 17" wide x 19" high x 16" deep. Depth of brickwork opening required, 21".

The Gas Oven is heated on an improved and patented principle; the air entering through holes at bottom of Door, passes under a Plate to supply Gas Burner. The products of combustion are sucked away from bottom of Oven, thus adding to economy in use of Gas. The ventilation of Oven is so arranged that gas cannot be turned on without opening the Vent, making explosion impossible.

Prices as shown excluding Crockery and Utensils.
Suite No. PGS 1001

"Eagle" Grate Range complete with Gas Attachment to Oven and Hot Plate	£	s.	d.
...	24	18	9
Extras for Iron Base	0	18	3
Tiled Mantel Surround (including Tiles and Mantel Frame)	4	19	3
Cast Iron Circulating Boiler	4	1	9
Unions, Malleable Iron...	0	7	6
Footman Trivet...	0	10	9
White Enamelling Two Oven Shelves	0	18	6
White Enamelling Oven Door Back	0	18	6

£37 13 3

Additions: Special Finish (3 coats) £1 5 6.

Gun-Metal Boiler, £7 8 0; Gun-Metal Unions, 10/3 pair.

Deductions: Iron Covings instead of Tiled Covings, £1 8 6
If without Drying Rails, 5/3

Can be supplied with Gas Attachment to Oven only, or to lift-up Hot-Plate only, at proportionate reduction.

The "New Eagle Grate Range"

(COAL ONLY)

Showing Grate for Coal only; Stove Enamelled Finish, with Fall-down Fire Bars, Footman and Swing Trivets, Double Oven Doors, Tiled; full length Boiling Hot Plate, Tiled Covings, Plate Rack, Drying Rails and Iron Jamb Mouldings. The whole raised on 4" Iron Base. Powerful Circulating Boiler to give copious Hot Water Supply.

May be had with Basket Fire, in lieu of Fall-down Bar Fire at no extra cost.

Iron Covings in place of Tiled Covings make a slight reduction. (see below).

If supplied with Solid Brick Back, no Boiler or Unions would be required and cost of these should be deducted.

Prices as illustrated excluding Crockery and Kitchen Utensils.
Suite No. PGS 1000

"Eagle" Grate Range, for Coal only, in Stove Enamelled Finish	£	s.	d.
...	19	5	6
Extras for Iron Jamb Mouldings	1	10	9
Iron Base	0	18	3
Cast Iron Circulating Boiler	4	1	9
Unions, Malleable Iron...	0	7	6
Footman Trivet...	0	10	9
Two Oven Shelves, White Enamelled	0	18	6
White Enamelled Oven Door Back	0	18	6

£28 11 6

Additions: Special Finish (3 coats) 25/6

Gun-Metal Boiler £7 8 0; Gun-metal Unions, 10/3 pair

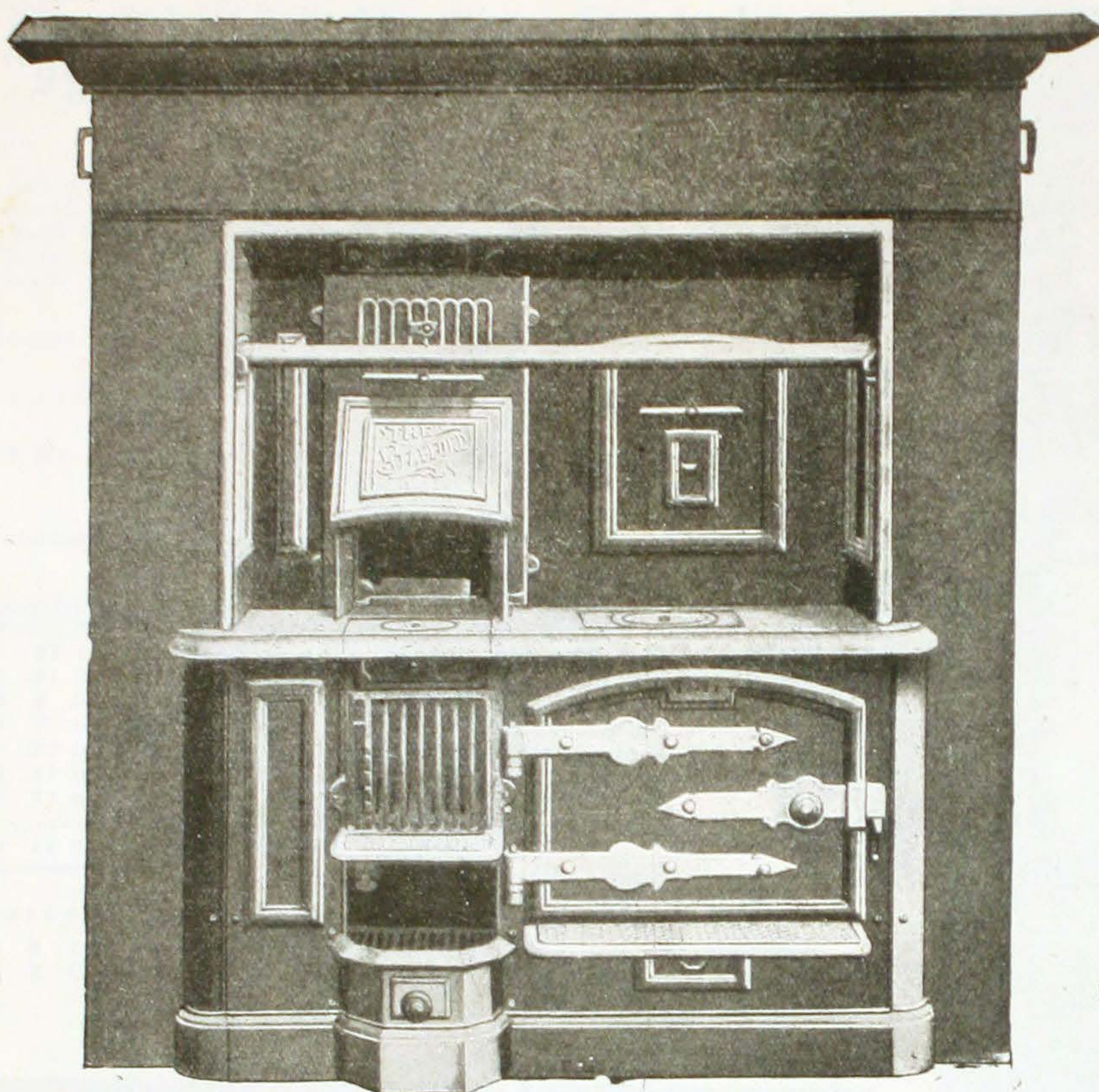
Reductions: Iron Covings instead of Tiled Covings ... 1 8 6
If without Drying Rails ... 0 5 3



Suite No. PGS 1001

All PGS—Stock Lines.

"B" Basis.



The Improved "Stafford" Range

The Improved "Stafford" is the best popular low-priced Range on the market. It is well-made, fitted and finished, thoroughly reliable, and up-to-date in every respect. A Bath Boiler Flue is arranged at the back of the blower in all Ranges, except where our Improved Box Flue is specified. The Bright Tables in Front of Fire can be fixed in two positions.

* Stocked only in 36" and 42"

No. PGS*719 "Stafford" Range, Oven and Sham.					
Size ...	30"	36"	39"	42"	48"
Oven ...	16"	18"	18"	21"	21"
Price...	£9/17/3	£10/4/9	£11/6/2	£12/3/2	£16/8/2
If with Low Skirting					
	£8/18/6	£9/7/0	£9/15/6	£10/17/8	£14/14/2

No. PGQ 719A "Stafford" Range, Oven and Side Boiler, Brass Taps.					
Size ...	36"	39"	42"	48"	
Oven ...	16"	18"	18"	21"	
Price ...	£11/11/3	£12/16/9	£13/17/2	£18/19/2	

Extras :—Improved Boiler Flue and Damper, 16/2 extra.

3" Jamb Mouldings, fitted, to 36", 23/-; 42" 26/4; 48" 40/- extra.

Hot Closets fitted to 36", 21/3; 42", 26/6; 48", 32/6

Tile Coves 2/4 per inch extra.

Wrot. Welded Arch Flue Boiler, $\frac{5}{16}$ " plate, fitted with Sunk Man-lid, complete with I.R. Joint Rings, drilled two holes up to 1 $\frac{1}{4}$ " £11/0 extra.

Suitable Cast Iron Mantel may be supplied. Designs and Prices on application.

Deductions :—If with Square Corners, 5/- less; If without Lifting Fire, 8/6 less; If without Plate Rack, 3/6 ft. less; If without Covering-in Plate, 5/2 per foot less.

Oven and Sham, High Coves, Round Corners to return 2 $\frac{1}{2}$ ".
Hot Plate 16" deep, Front of Range 29" high. Ovens 16" high; 16" deep.
9" Open and Close and Lifting Fire, Vertical Steel Bars. Height of Range 4' 6".

No. PGS 719 is Oven and Sham.

No. PGQ 719A is Oven and Boiler with Brass Tap.

Low Skirting Ranges are 29" high to Hot Plate and 51" to top of Blower.

No. PGS 717 Double Oven, Square Corners, High Coves.

Hot Plate 16" deep. Front of Range 29" high. Ovens 16" deep by 16" high.
9" Open and Close and Lifting Fire, Vertical Steel Bars. Height of Range 4' 6".

No. PGS*717 "Stafford" Range, Double Oven.

*Stocked only in 42" and 48"

Size ...	42"	48"	54"
Width of Large Oven	14"	16"	21"
" " Small Oven	11"	14"	14"
Price ...	£17 0 0	£18 14 0	£20 8 0

Extras : Improved Boiler Flue and Damper, 16/2 extra.

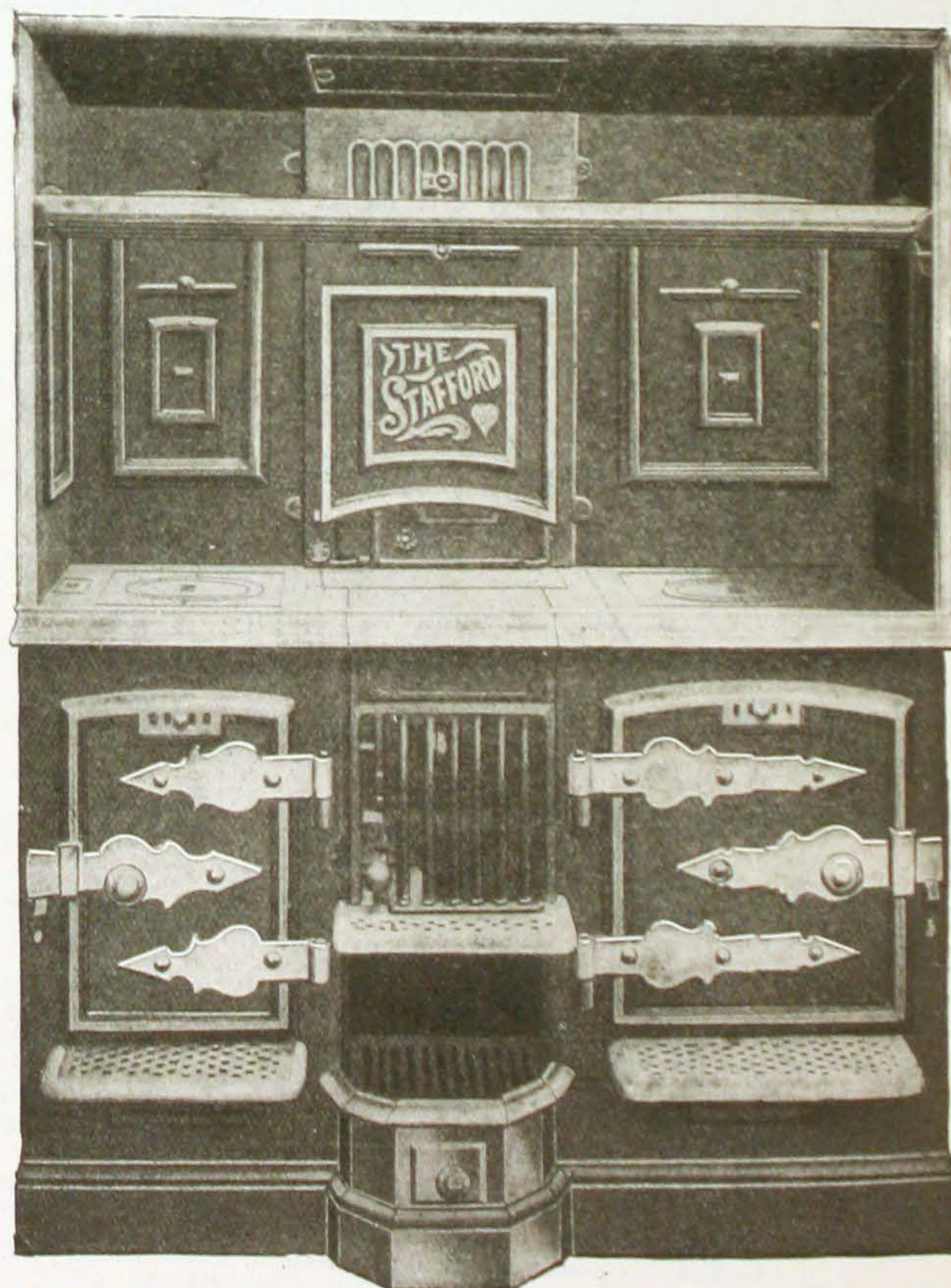
Tiled Covings, per inch, 2/4 extra.

3" Jamb Mouldings, 42" 26/4; 48" 40/-; 54" 43/6

Wrot. Welded Arch Flue Boiler, $\frac{5}{16}$ " Plate, fitted with Sunk Man-lid, complete with I.R. Joint Rings, drilled two holes up to 1 $\frac{1}{4}$ ", £11 0

Deductions : If without Lifting Fire, 8/6 less.

If with Low Skirting (instead of Iron Covings), 42" 34/-
48" 51/-; 54" 51/- less.



No. PGS*717 Double Oven, High Coves, Square Corners.

"B" Basis.

All PGS—Stock Lines in sizes mentioned. Remaining sizes PHQ—Quick Delivery.

New Model City Ranges.

The New Model "City" Range has been designed to meet the need for a high-class Range. It is well fitted and finished, and contains many essential features, and the price is reasonable.

The best medium priced Range on the market. All the latest improvements.

Specification:—

Oven and Sham (or Double Oven) with Round corners as illustrated, Iron (or Tiled) Covings, Open and Close Fire, Lifting Bottom Grating, Removable Steel Front Bars, Cast Perforated Plate Rack, Split Draught to Ovens for securing equal top and bottom heat, Improved Iron Boiler Flue Damper, Bright O.G. Mouldings and Mountings, Fire and Oven Tables, Ashes Pan and Cinder Sifter. Brass Ventilators to Oven Doors. Hot Plates and Oven Doors Ground and all castings Stove Enamelled Black.

Sizes:—Total height, 60"; Hot Plates, 18" deep, $\frac{5}{8}$ " thick; Front of Range, 28" high. Height of Oven 18", depth of Oven, 19".

No. PGS*738—Oven and Sham.

No. PGS*739—Double Oven.

	738	738	739	738	739	739	739
Width of Range	36"	42"	42"	48"	48"	54"	60"
Width of Large Oven	18"	20"	14"	20"	16"	18"	20"
Width of Small Oven	—	—	10"	—	12"	16"	20"
Width of Fire	8"	10"	8"	10"	10"	10"	10"
Price	£21/10/0	£22/7/0	£24/1/0	£24/1/0	£25/15/0	£27/9/0	£30/0/0

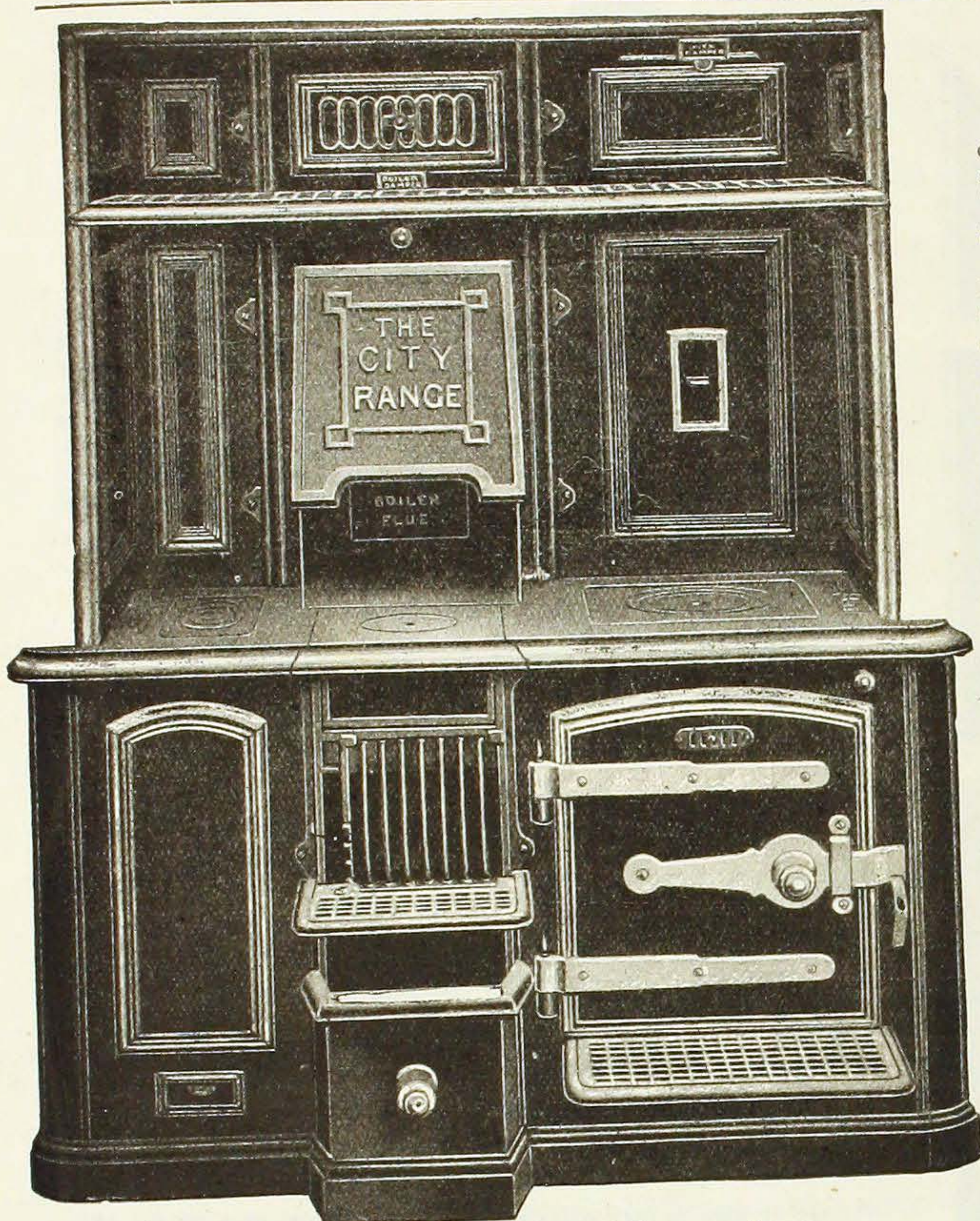
If with Low Skirting, W.I. Plate Rack and Covering in Plate—

	£2/2/6	£2/11/0	£2/11/0	£2/14/6	£2/14/6	£2/19/6	£3/8/0
Mantel Piece, Iron,							[less.
8" Jamb	£2/11/0	£2/18/0	£2/18/0	£3/10/6	£3/10/6	£4/9/3	£5/7/3

*Stocked only in 42" and 48" both Nos.

Deductions to either No. 738 or 739—If Ground doors and Hot Plates, not stove blacked, 20/6; If all castings, Fine Cast and Blacked Finish, 34/-; If Square Corners, 5/- each less.

Extras to either No. 738 or 739—White Tile Covings, 3/6 per inch extra; Wrot Welded Range Boiler, Arch Flue, Sunk Man-lid, drilled two holes up to 1 $\frac{1}{4}$ ", including I.R. Joint Rings, 22/9 extra; Pure Copper Boiler, $\frac{1}{8}$ " plate, double nutted or centre pin Man-lid, Joint Rings and two tapped bosses, 82/- extra.



No. PGS *738 Oven and Sham as shewn.

No. PGS *739—Double Oven.

The "Popular" Cottage Range

No. PGS 710

Height 4' 3" (exclusive of Mouldings); 15" Oven, (14 $\frac{1}{4}$ " wide x 11" high x 12" deep inside measurements); Fire, 9" Bright O.G. Mouldings, Latches and Bands.

Sizes.	Oven and Sham, Complete with Mouldings as shewn.	Oven and Boiler With Brass Tap, Complete with Mouldings.	Double Oven Complete with Mouldings.	Size of Smaller Oven.
	£ s. d.	£ s. d.	£ s. d.	
36"*	5 16 6	7 9 9	—	—
39"	6 7 6	8 1 6	—	—
42"	6 17 0	8 11 0	8 11 0	13" x 9" x 11"
48"	—	—	10 10 0	14 $\frac{1}{4}$ " x 11" x 11"

*Stocked only in 36"

Deductions:

	36"	39"	42"	48"
If without Jamb Mouldings	23/-	23/-	26/4	40/- less.
If without Side & Top Coves	9/4	17/10	18/9	20/6 "
If without Plate Rack	7/8	9/4	12/-	13/6 "
If without Ash-Pan and Trivet	10/3 less.			

Extras:—Wrought Welded Boiler, $\frac{5}{16}$ " Plate, Arch Flue, fitted with Sunk Man-lid, complete with India-rubber Joint Rings, drilled two holes up to 1 $\frac{1}{4}$ " £1 1 0 each.
Copper Boiler, made from 6 gauge Plate fitted with double nutted Man-lid or Centre Pin Man-lids, the latter projecting above the top of the boiler approx. $\frac{1}{4}$ ", complete with joint rings and two tapped bosses, 66/- each.

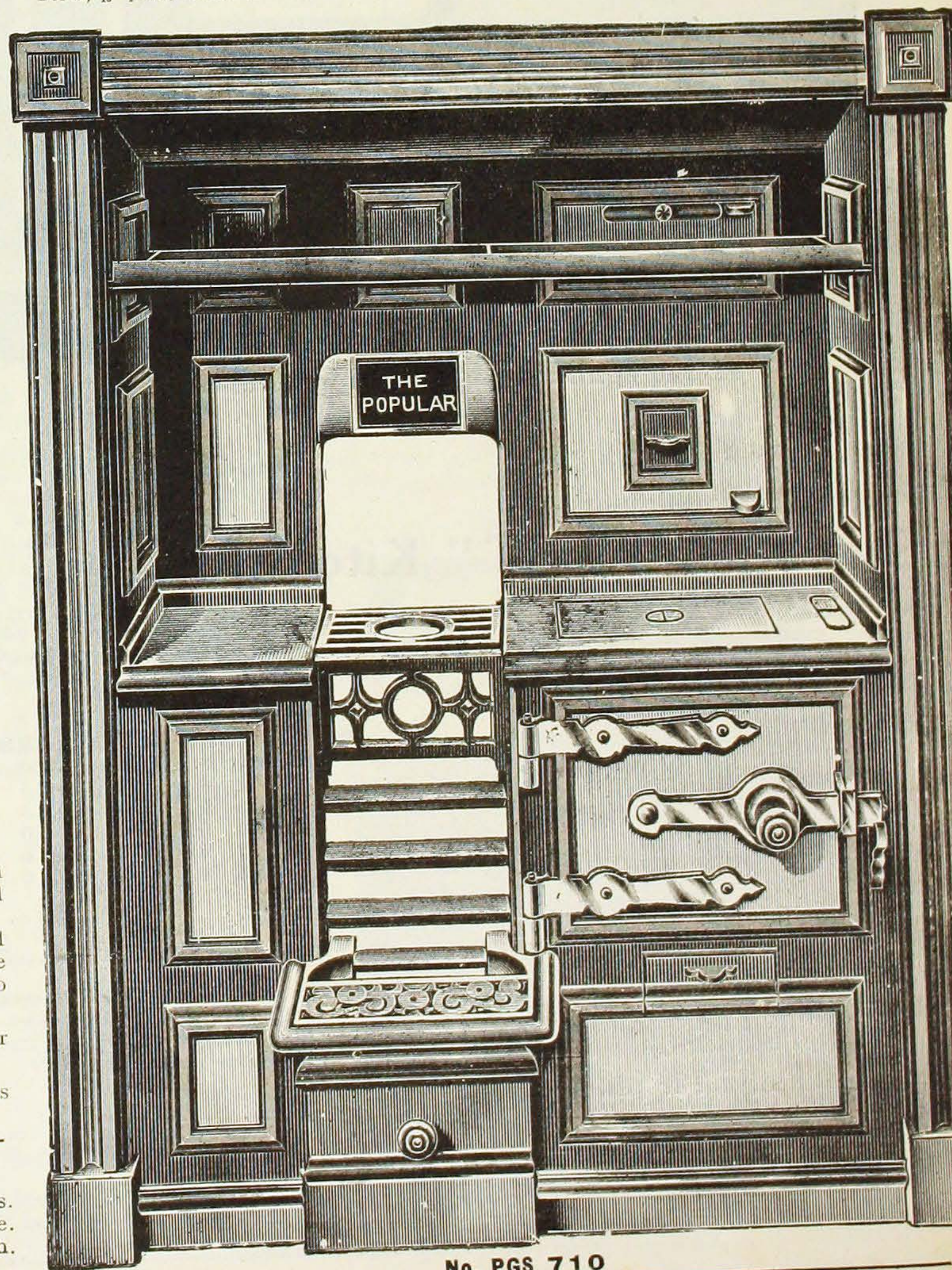
Note.—When supplied with Boiler, Range is fitted with Soot Door and Damper on Sham Side at 6/- extra.

"Clara" Patent Sliding Panel to convert open and closed fire as desired (for 9" fire only), 8/6 extra.

JAMB MOULDINGS. No. PGS 30

As illustrated on the "Popular" Range on right. Made in two widths.

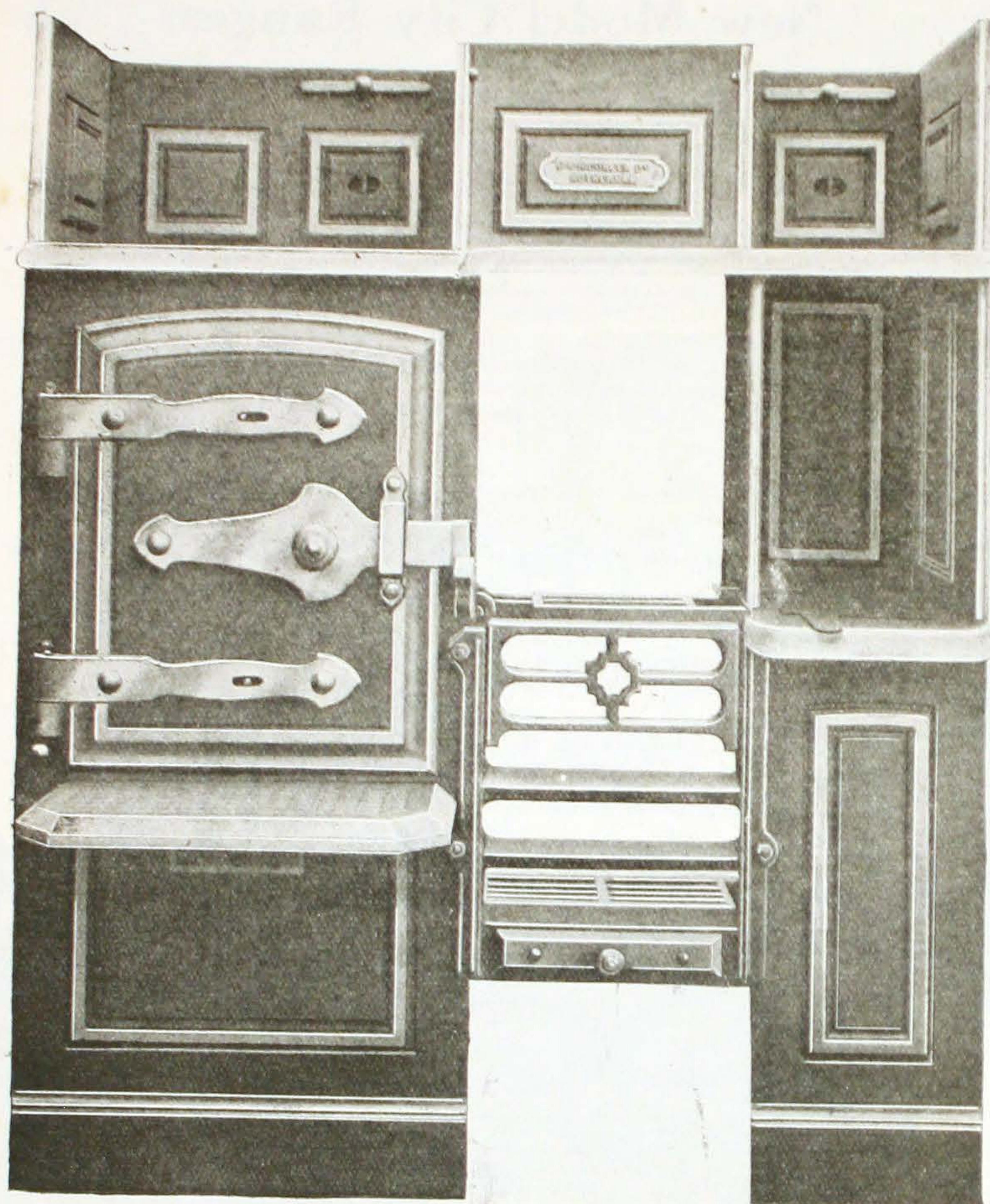
	36"	42"	48"	54"
3" Mouldings 4' 3" or 4' 6" high	23/-	26/4	40/-	53/6 each.
4 $\frac{1}{2}$ " " 4' 6" or 5' 0" high	38/3	40/10	48/6	59/6 "



No. PGS 710

"B" Basis.

All PGS—Stock Lines in sizes mentioned. Other Sizes PHQ—Quick Delivery.



No. PGQ 1020 The "IRONCLAD" Yorkshire Range.

The "IRONCLAD" Yorkshire Range

No. PGQ 1020

New Model Yorkshire Range, Sectional Oven, with Corrugated Bottom, 16" x 20" x 16" inside measures. Moulded Door hung on Jamb Side, fitted with bright bands, latch and bracket table, Ventilators and two shelves. 12" Fall Bar Range, screwed on from front, draw-out Meat Stand, Fall Crow, Side Boiler with Copper Hinged Lid and Steam Pipe, Covings, Projecting Plate Rack, with O.G. Moulding and Swing Smoke Slip, two Dampers and Soot Doors, strong Bottom Grate and Saddle on Oven and Boiler.

Size: 42" wide x 51" high. Ovens on Right or Left Hand.

Prices. No. PGQ 1020

Fine Cast and Blacked	£8 0 0
4th Finish Sanded and Stove Blacked	9 7 0
3rd Finish Ground and Berlin Blacked	10 15 0
2nd	11 13 9

Extras:—

Back Boiler, Wrot Welded $\frac{5}{16}$ " Plate, Arch Flue, fitted with sunk man-lid, complete with I.R. Joint Rings, drilled two holes up to 1 $\frac{1}{4}$ ", 21/6 extra.

Ditto, Pure Copper, 6 gauge Plate, fitted with double nutted man-lid, or centre pin man-lids, complete with Joint Rings and two tapped bosses, 82/- extra.

Nickel Plated Fittings, £4 13 6 extra.

Oven Door, Ground and Berlin Blacked, 6/3 extra to Fine Cast. 5/3 " " 4th Finish.

Damper, Rod and Knob, for use with Back Boiler, 4/8 extra.

Covering-in Plate, 5/8 extra. Ashpan Front, 4/8 extra.

Ashpan Front and Pan, 8/6 extra.

Deduction: Oven and Sham, 13/9 less.

Prices. No. PGQ 1021

Range as above, but without Covings and Extension Plate, 28/- less.

Extras and Deduction as for No. PGQ 1020

The "PILOT" Kitchen Range

Open Fire Covings with Plate Rack, or Skirting. Draw Fret, Ashpan Front, Grid over Fire, Boiler, $\frac{5}{8}$ " Tap. Hobs, 28 $\frac{1}{4}$ " high, 15 $\frac{1}{2}$ " deep. Covings 19 $\frac{3}{4}$ " high.

Width of Range.	Oven Front.	Fire.	Boiler Front.	With Covings and Plate Rack.	Skirting only.
				No. PGQ 1022	No. PGQ 1023
				£ s. d.	£ s. d.
36"	17"	10"	9"	8 4 4	6 5 3
39"	17"	11"	9"	8 16 0	6 9 3
42"	19"	12"	11"	9 8 0	6 17 0
45"	21"	13"	11"	10 7 6	7 16 6
48"	21"	14"	13"	11 5 0	8 16 0

Extras:

Blower Hood to No. PGQ 1022 8/- extra. To No. PGQ 1023 12/- extra.

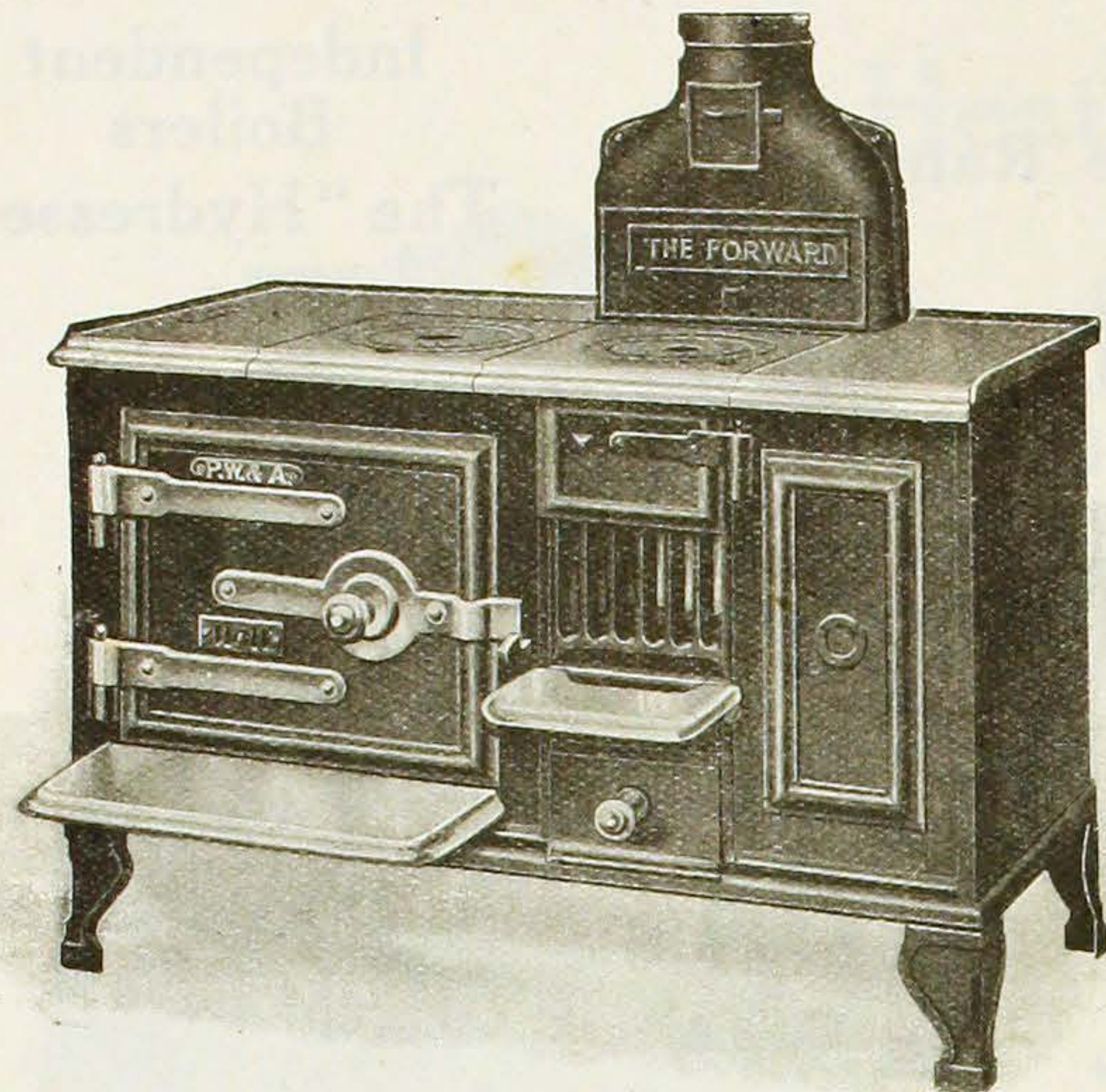
Back Boiler for 36" Size.—Wrot Welded, $\frac{5}{16}$ " Plate, Arch Flue fitted with sunk man-lid, complete with I.R. Joint Rings, drilled two holes up to 1 $\frac{1}{4}$ " 19/- extra. Ditto, Pure Copper, 6 gauge Plate, fitted with double nutted man-lid, or centre pin man-lids, complete with Joint Rings and two tapped bosses, 58/- extra.

Back Boiler for 42" Size.—Same Specifications as above. Wrot Welded, 21/- extra. Pure Copper, 66/- extra.



No. PGQ 1022 As illustrated.

No. PGQ 1023 Skirting only.



The "Forward" Portable Range

SPECIFICATION.

Oven. (Patented). Sides, top and bottom of strong Sheet Steel Plates fixed with Cotter Pins and easily removable; Sheet Iron Oven Back; Nickel Plated Handle and Ventilating Shield. Plain Bracket Shelf.

Firechamber. Brick lined. Fall Bar; Bracket Shelf with Chute to Ashpan. Nickel Plated Handle to Ashpan.

Hotplate. In all sizes, with strengthening beading all round and specially thickened Fire Cover.

Flue Outlet. Round Nozzle, takes 5" Cast Iron Pipe.

Sides and Back. Of strong Sheet Steel.

No. PGS*970 Without Boiler. Oven and Sham. Open and Close Fire.

Width of Range	...	24"	30"	33"	36"	42"
Oven	...	11"	15"	15"	15"	17"
Width of Fire	...	5½"	6½"	6½"	6½"	7½"
Nett Prices as Advertised	...	85/-	95/-	—	100/-	—

No. PGS*970 With W.I. Boiler with Man-lid and Connections. Constructed with alternative kindling Flues under and over Boiler.

Width of Range	...	24"	30"	33"	36"	42"
Nett Prices	...	—	152/3	155/9	159/6	172/-

Extras: Cast Iron Back and Ends (recommended) up to 36", 3/-; 42", 4/6

¾" Copper Boiler and Connections (no Manhole), 15/- extra to above prices.

*Stock sizes: 24", 30" and 36"
Carriage Paid England and Wales.

Fuel and Labour Saving. Easily Cleaned.

Cooks Well.

Removable Oven.

Portable.

Convenient Height.

Requires no Building in. Saves its cost in short time.

The "Simplex" Independent Self-Setting Range

No. PGQ 815

SPECIFICATION:—

With Hobs, 28" high, 20" broad, panelled ends with bright moulding of hobs carried to back with rounded corners, Ovens 18" high × 16½" deep, made easily removable from front without disturbing setting of range, control damper at side away from direct action of flame, oven door with spring catch, cool wire handle and pedal opener, plain polished bracket shelf; Patent Fire, 9" wide × 8½" back to front × 9" deep with heavy cast oval vertical front bars sliding in guides, bright moulding on top, cast iron side cheeks, fire door hinged on bar guide, furnace bars to bottom, heat reflecting brick under furnace bars, with raker to rake ashes into chute, and ashpan below. Small high power pressure boiler at back on fire brick sole, with arch flue in bottom and up back, fitted with 1¼" flow and return connections. (for connecting to 30 or 35 gallon Cylinder). Small sham side without flue. Smokebox on hob with separate flues for oven, boiler and open fire. One movement Open and Close arrangement with runners for grill. Round nozzle on top to take 6" smokepipe. Plate Rack on brackets with polished bead. All parts where possible made to lock into position without screws.

OVEN AND SHAM RANGE, with W.I. BOILER.

Prices given below include Wrought Iron Pressure Boiler with Manhole and two 1¼" Pipe Connections, one with Dip Pipe, extending above top of Smokebox.

Sizes:	...	34"	36"	38"	40"	42"	44" wide.
Ovens, Right or left hand	...	14"	16"	18"	18"	20"	20" "
Sham Hob	...	4"	4"	4"	6"	6"	8" "
Fire	...	9"	9"	9"	9"	9"	9" "
Prices:	...	£19 12 9	£20 0 0	£20 7 3	£20 14 3	£21 1 6	£21 8 6 each.

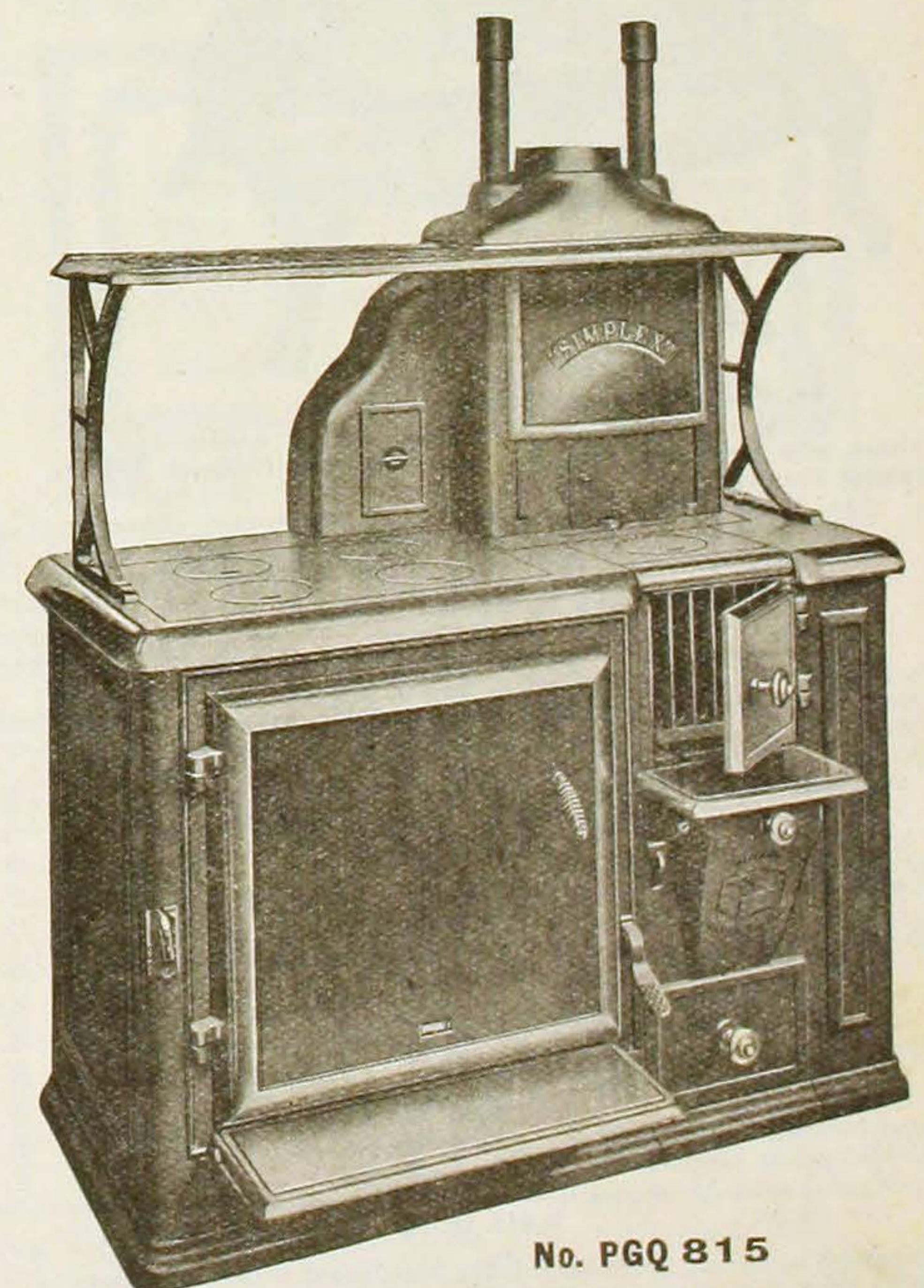
Extras:

Cast Iron Plate Rack and Standards	25/3	25/3	25/3	28/9	28/9	28/9	18/-
Cast Aluminium Grill for over Fire	...	...	...	...	...	...	28/9
If Boiler is required Rustless	...	...	...	...	...	...	134/-
If Copper Boiler with Copper Pipe Connections	...	...	...	...	...	...	...

Deduction:

If without Boiler and Pipes but fitted with Brick in place of Boiler or Prepared for Boiler ... 71/6

Note.—The measurements given are the overall widths of Range, the moulding of hob and base extend beyond the body of Range. The width of body of Range is 2" less than above.



No. PGQ 815

PGS—Stock Lines; PGQ—Quick Delivery.

("Forward" Portable Range, Strictly Nett; Approx. "A" Basis). Remainder of page "B" Basis.



The "Cookanheat" Portable Range

For Cooking and Hot Water Supply. To remove boiler for cleaning take off front plate and doors and disconnect pipes.

No. PGQ	Water Contents Gals.	B.T.U. per hour for Hot Water Supply	Fuel Capacity cu.ft.	Prices			
				Black Finish	Polished Edges	Edges Polished and Plated	Extra if Boiler made rustless
				£ s. d.	£ s. d.	£ s. d.	£ s. d.
986	2.75	20,000	0.5	13 16 9	14 17 0	15 10 6	1 2 6

No. PGQ 986 Height to top plate, 29"; Width, 40"; Depth, 20½" Oven, 15×15×13½" deep. Flow and Return Tappings, 1½".

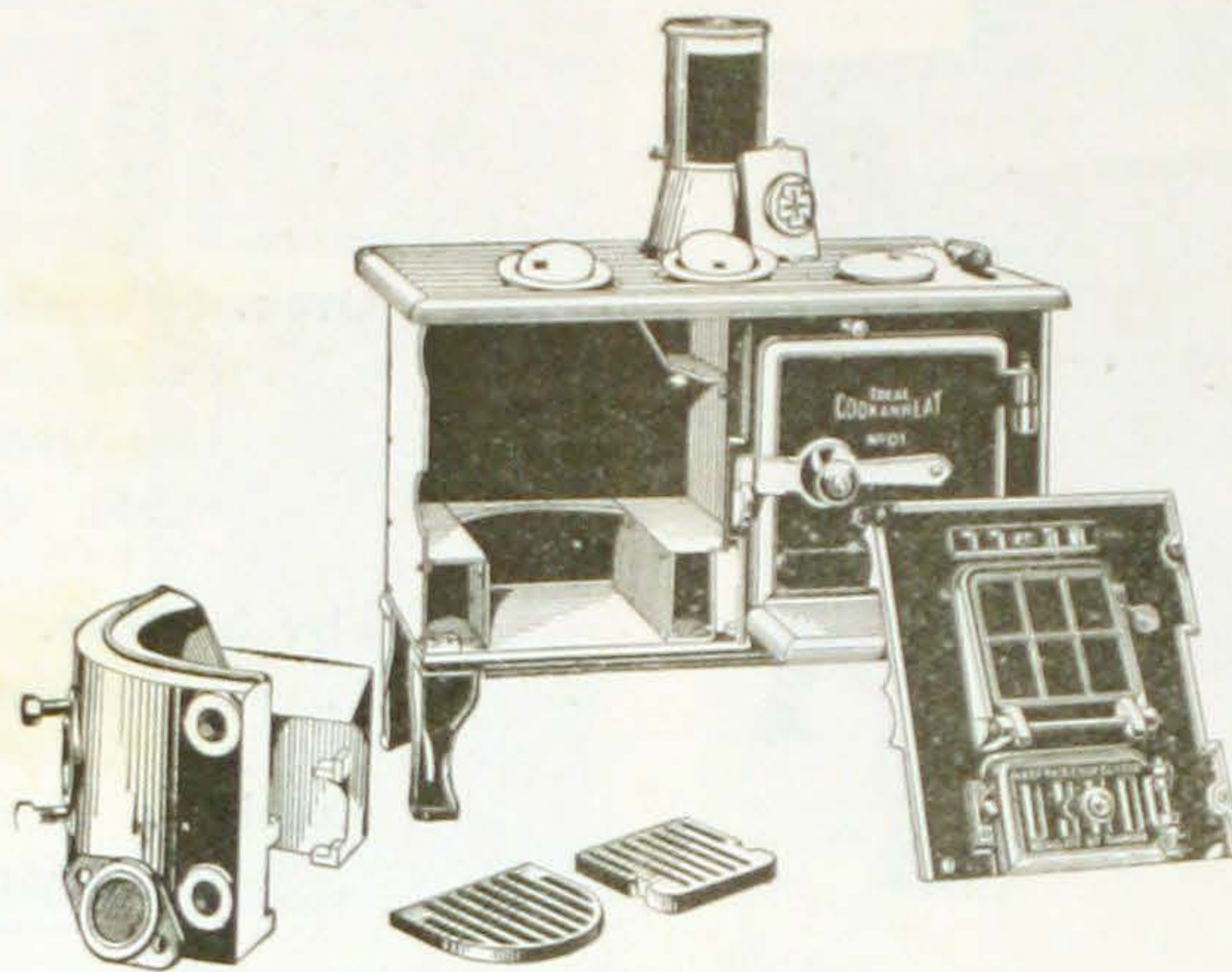
No. PGQ	Fuel Capacity cu. ft.	Capacity B.T.U. per hour	Prices			
			Black Finish	With Polished Edges	With Edges Polished and Plated	
			£ s. d.	£ s. d.	£ s. d.	
987	0.9	17,500	16 2 6	17 0 6	17 12 6	
988	1.6	35,000	25 4 9	26 5 0	26 18 6	

No. PGQ 987 Height, 29"; Width, 36½"; Depth, 21"

No. PGQ 988 Height, 33½"; Width, 42½"; Depth, 23½"

Oven: No. PGQ 987 15×15×13½" deep; No. PGQ 988 16×16×16" deep. Flow and Return Tappings at back; No. PGQ 987 1½"; No. PGQ 988 2"

Ratings: No. PGQ 987, 17,500 B.T.U. equal to 120 sq. ft. of radiation or 20 gallons per hour raised through 90°, based on a fuel consumption of 3 lbs. hourly. The No. PGQ 988 size has double the heating capacity of the No. PGQ 987 based on a consumption of 5 lbs. hourly.



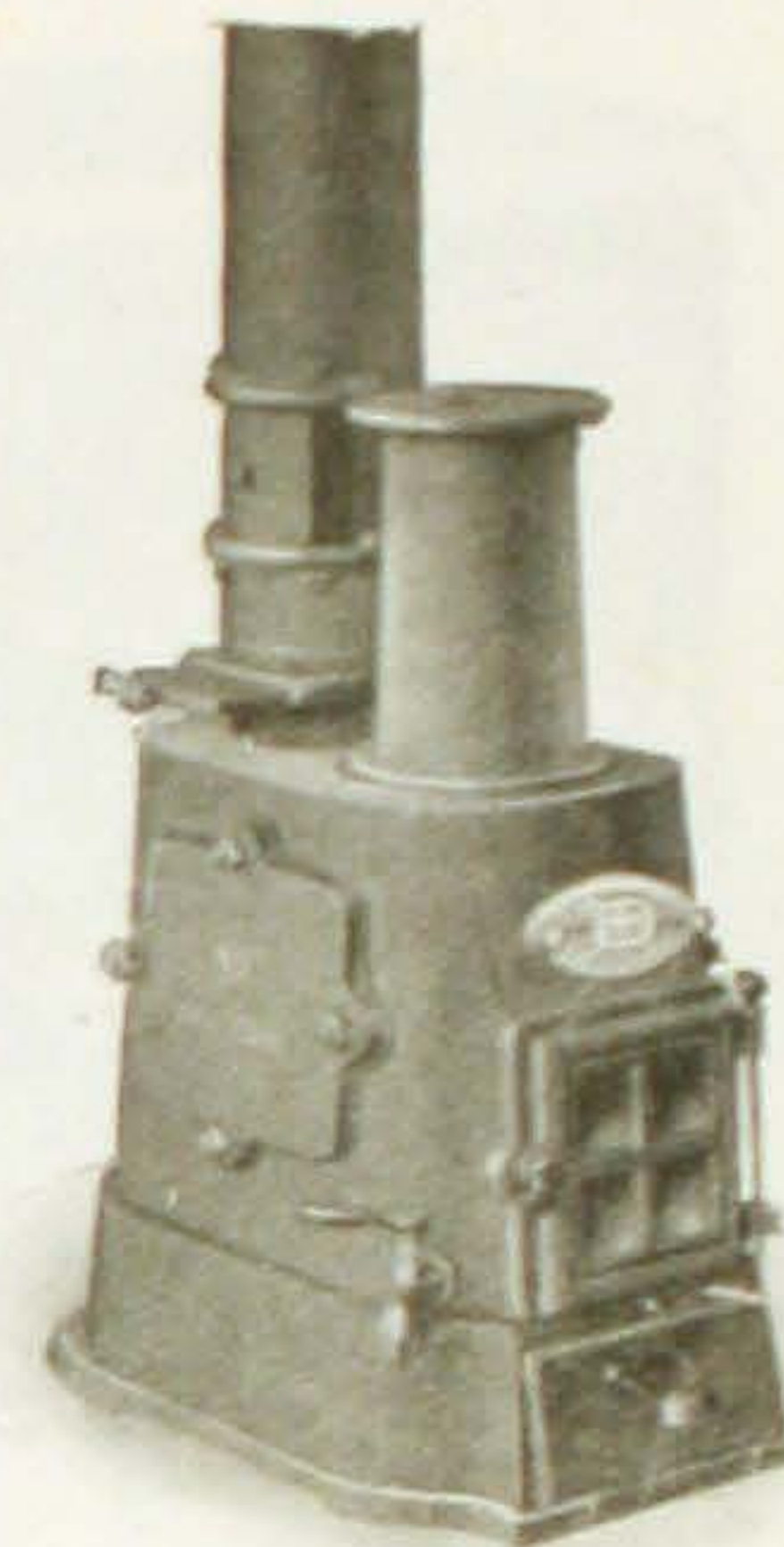
Showing Range Dissected.

A Plate-Rack may be supplied of Polished Steel with an Extending Front for airing clothes. The supports are of Cast Iron. Heights 18" and 24". Please state which size when ordering. Projection 16". Length 36½". Price £1 13 9

If Dull Nickel Plated with front edge polished and plated, £2 8 0

If supplied with ½" Draw-off Tap, 5/- extra.

Independent Boilers The "Hydresse"



No. PGO 1050

Showing Boiler without any Extras.

See lower illustration for Boiler fitted with Extended Hot-Plate.

As Specification in centre at foot of this page, on solid Metal Base, and with Stoking Tools, £11 5 0

Width at base, 15½"; width at top, 10", depth at base, 22", height from floor to top 19½"; height from floor to centre of return pipe, 7½"; height from floor to centre of flow pipe, 18½".

The "Duchess" Portable Cooker and "Hydresse" Boiler



No. PGQ*841 *Stocked only as above in size No. 8.

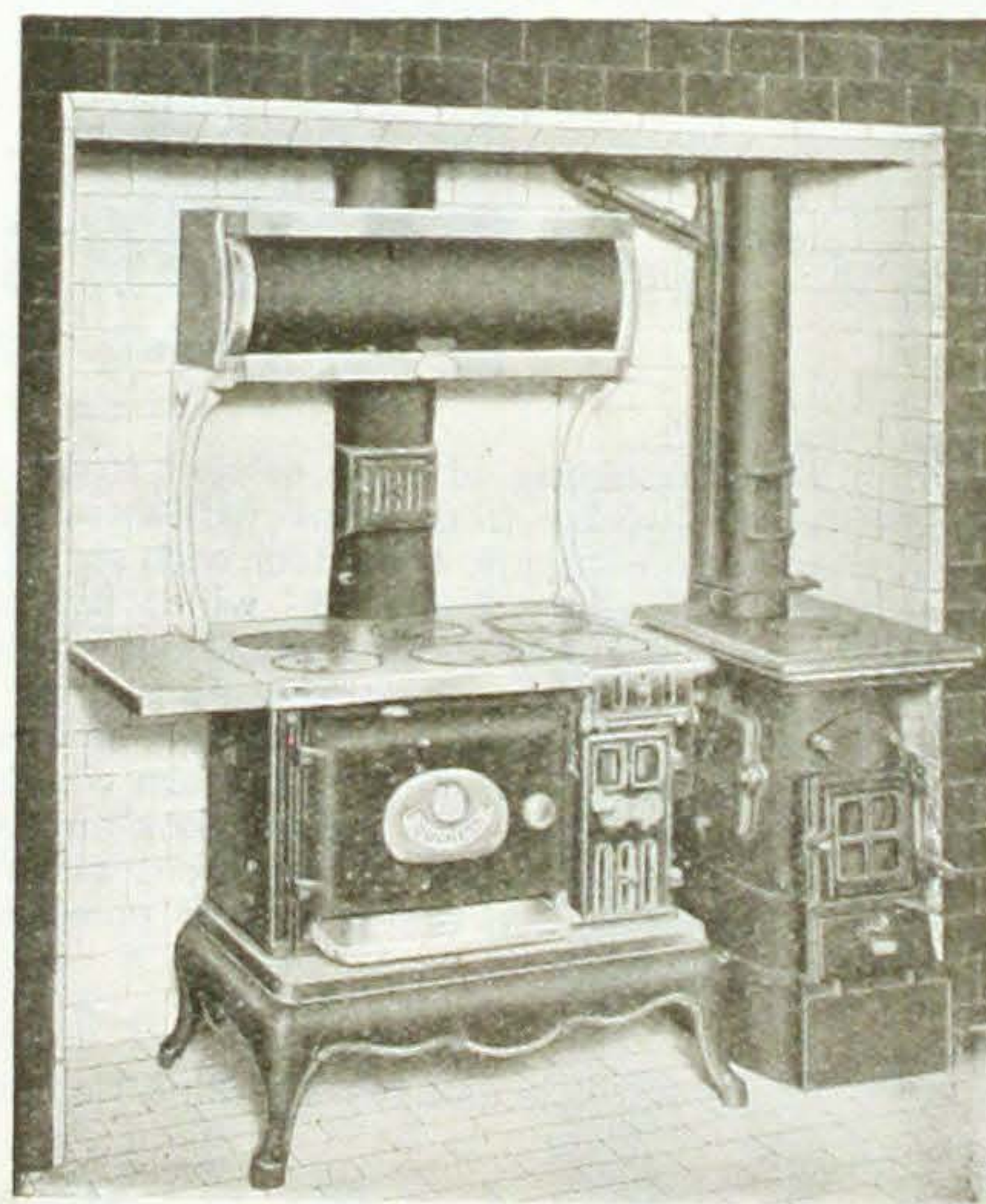
Suitable for Ordinary Household Coal or Anthracite.

Fitted with Revolving Triplex Bottom Bars and Firebrick Linings. Special Features. Cast Iron throughout. Large Hot-Plate with Six Boiling Openings. Reversible Flue Nozzle. Extension Hob, 8" wide, fits either end. Draught Control Slides in Feed Door, Fire door and End plate. Pedal Opener to Oven door.

OVENS MADE HANDED.

Sizes.	No. 7 Fire 6"		No. 2 Fire, 6½"	
	Width.	Depth. Hgt.	Width.	Depth. Hgt.
Hot Plate	31" × 24"	28"	34" × 20½"	29"
Oven	16" × 16"	11"	18" × 18"	12"
Price as shewn	£7 7 6		£8 15 0	
Cast Iron "L" shaped Pressure Boiler with manholes heating 20-25 gallon tank or Cylinder	1 12 6		1 15 0	
30" length, Oval C.I. Pipe with cleaning door and Draught Control Slide	0 17 6		0 17 6	
Elevated Steel Hot Closet, 28" high (or 25" if so ordered) with Nickel Plated Mountings, including Back plate Enamelling White Back-plate, Cast Piping and Side Brackets	3 2 6		3 2 6	
Heat Indicator on Oven Door	1 10 0		1 10 0	
Mica Panels in Fire Door	1 1 0		1 1 0	
Price as shewn in centre illustration	0 5 0		0 5 0	
	* £215 16 0		£17 6 0	

*Supplied to order. Note when "Duchess" used with "Hydresse" Boiler there is of course no need for C.I. Pressure Boiler, the price of which should be deducted.



EFFICIENT COMPANIONS.

It should be emphasised that Portable Cookers of the "Duchess" type are designed for excellent cooking on small fuel consumption and not to supply large quantities of hot water quickly. We therefore suggest that where storage cylinders of more than 30 gallons are required to be heated quickly and cheaply, an independent, specially designed water heater, should be used, such as "The Hydresse." In the centre illustration we have these two companions built in a recess, making a very compact arrangement. The prices for the "Duchess" Stove as shown will be found on the left, whilst those for the "Hydresse" (No. 1 with extended Hot Plate) are under the larger illustration of it on the right.

SPECIFICATION.

The "Hydresse" Boiler Body is of a special alloy, and other parts Cast Iron with quick heating waterbridge, including also fuel reservoir, brass emptying cock, pull-out damper and 2' 6" Cast Iron flue pipe with ventilating door.

CAPACITY OF "HYDRESSE" INDEPENDENT BOILER.

Nos. PGO 1050 and PGO 1051.

Heating surface, 3.58 sq. ft.
B.T.U.'s. per hour, 36,000
Gallons raised 100° per hour—36.
Suitable Storage Cylinder, 40-60 gallons.
Radiation, 125 sq. ft.



No. PGO 1051

"Hydresse" Boiler with Black Finish Extended Hot Plate, (as Specification in centre at foot of this page), on solid Metal Base and with Stoking Tools, £12 9 0

NOTE.—Hot Plate measures 16" wide × 21½" deep and increases height from floor to 22"

EXTRAS:—Square or obtuse bend with cleaning door 8/6 extra.

High Base, increasing height measurement by 6" 14/- extra.

Hot-Plate, ground and polished finish, 11/- extra.

Hot-Plate, Nickel Plated finish, 27/- extra.

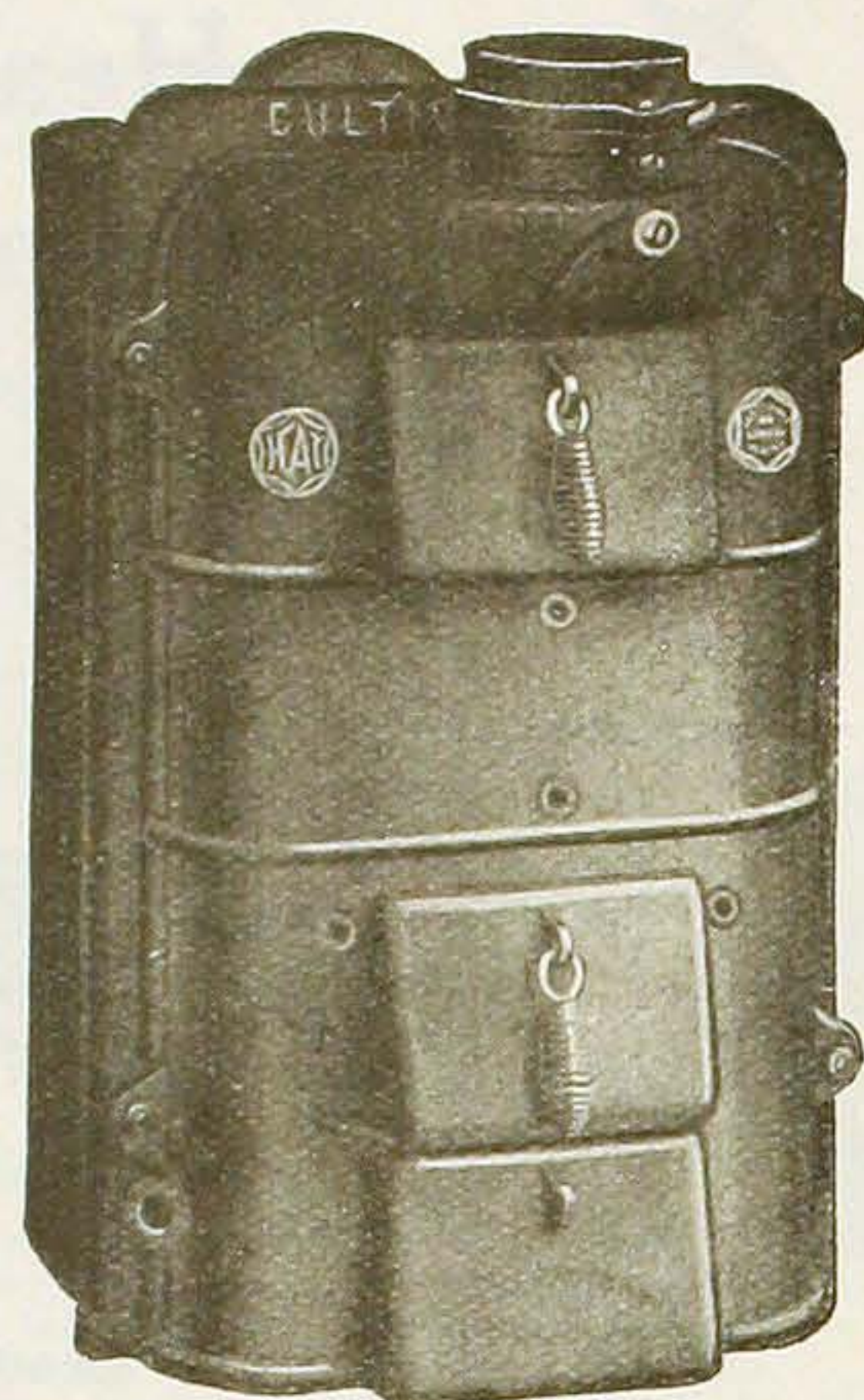
Internal waterways bower barbed, rustless process 37/6 extra.

Measurements beneath illustration at top of page

PGQ—Quick Delivery; PGO—To order only.

"A" Basis.

Heating Apparatus

**No. PHS 8913****THE "CULTIVATUM" BOILER.**

The neatest, cheapest, and most efficient Boiler ever produced for Greenhouse, Garage or Coach-house Heating.

Thoroughly tested and strongly recommended.

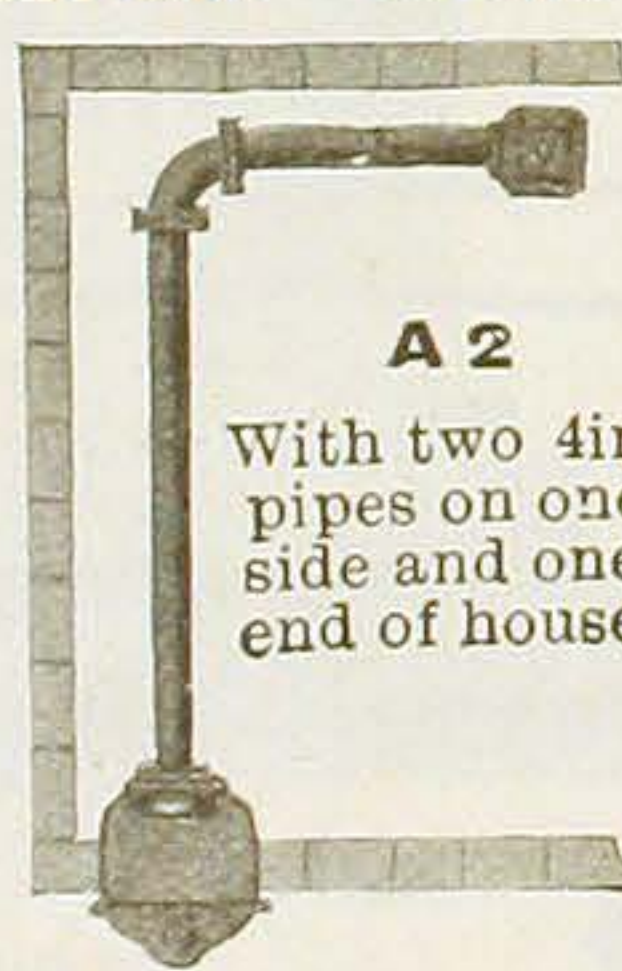
Size No.	Height overall.	Outside Dimensions. Boiler Body only. Height. Width. Depth.	Smoke Pipe size.	Heating Capacity.	Price. £ s. d.
1	22"	20" x 16" x 9 1/2"	4 1/2"	70'	5 3 3
2	27"	25" x 16" x 9 1/2"	4 1/2"	100'	6 6 3
3	30"	28" x 16" x 9 1/2"	5"	130'	7 15 0
4	30"	28" x 16" x 16 1/2"	5"	200'	10 0 9

These Boilers have two 4" expansion joint connections at back, at 7" centres and have a 1/2" hole for emptying. Two 2" or 3" connections, or two screwed holes can be supplied at 2/3 per hole extra.

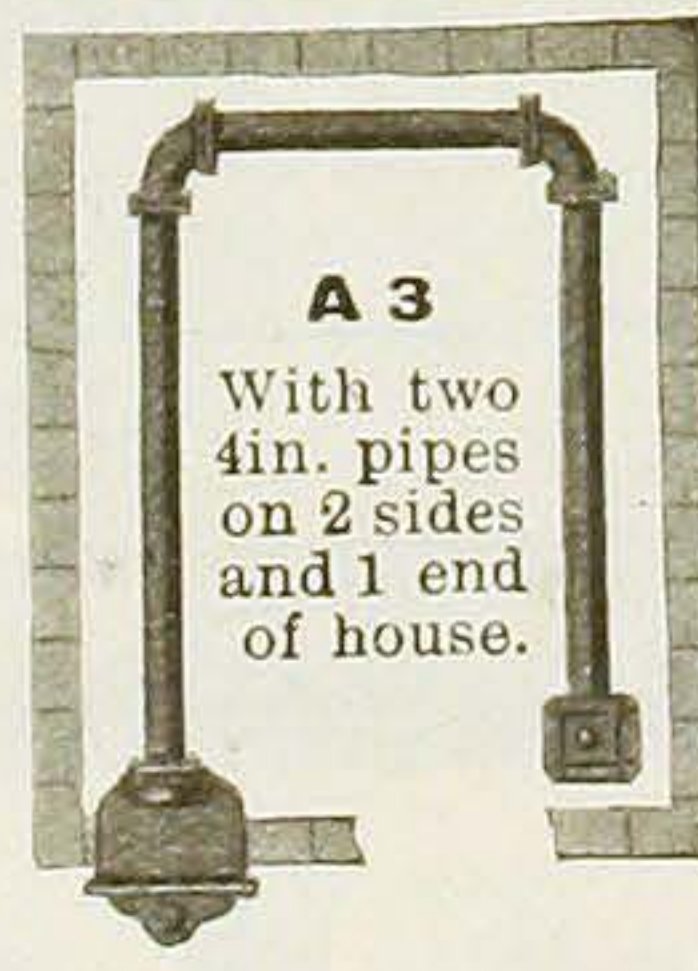
Socket Connections can be substituted at an extra cost of:
2" 3/5, 3" 4/3, 4" 5/1 per hole.

"CULTIVATUM" COMPLETE APPARATUS.**A 1**

With two 4in. pipes on one side of house.

**A 2**

With two 4in. pipes on one side and one end of house.

**A 3**

With two 4in. pipes on 2 sides and 1 end of house.

No. PHS 8914 Each apparatus consists of "Cultivatum" Boiler, Smoke Nozzle and Damper, 4" pipes, elbows, joints, stands, expansion box (or supply cistern), brass emptying cock, steel shovel, rake, teaser and spanner for fixing.

Suitable for house outside Meas'ments	No. of boiler.	A1 Illustration Price. £ s. d.	No. of boiler.	A2 Illustration Price. £ s. d.	No. of boiler.	A3 Illustration Price. £ s. d.
8' x 6'	1	7 17 7	1	9 3 4	1	11 0 4
10' x 7'	1	8 2 8	1	9 8 9	1	11 14 1
10' x 8'	1	8 2 8	1	9 11 2	1	11 16 4
12' x 8'	1	8 15 0	1	10 8 10	1	13 7 11
12' x 10'	1	8 15 0	1	11 0 5	1	13 19 2
15' x 8'	1	9 5 11	1	10 19 9	2	15 19 7
16' x 8'	1	9 5 11	1	10 19 9	2	16 5 1
16' x 10'	1	9 5 11	1	11 10 11	2	16 16 2
20' x 8'	1	10 1 6	2	13 7 1	3	19 16 8
20' x 10'	1	10 1 6	2	13 18 3	3	20 7 11
25' x 10'	1	11 13 3	2	15 1 6	3	22 17 8
30' x 10'	2	13 11 9	3	17 18 7	4	27 0 6

Three plans illustrating the best methods of fixing pipes in greenhouses, motorhouses, etc. Prices above have been estimated to include pipes of sufficient length for houses of outside measurements given.

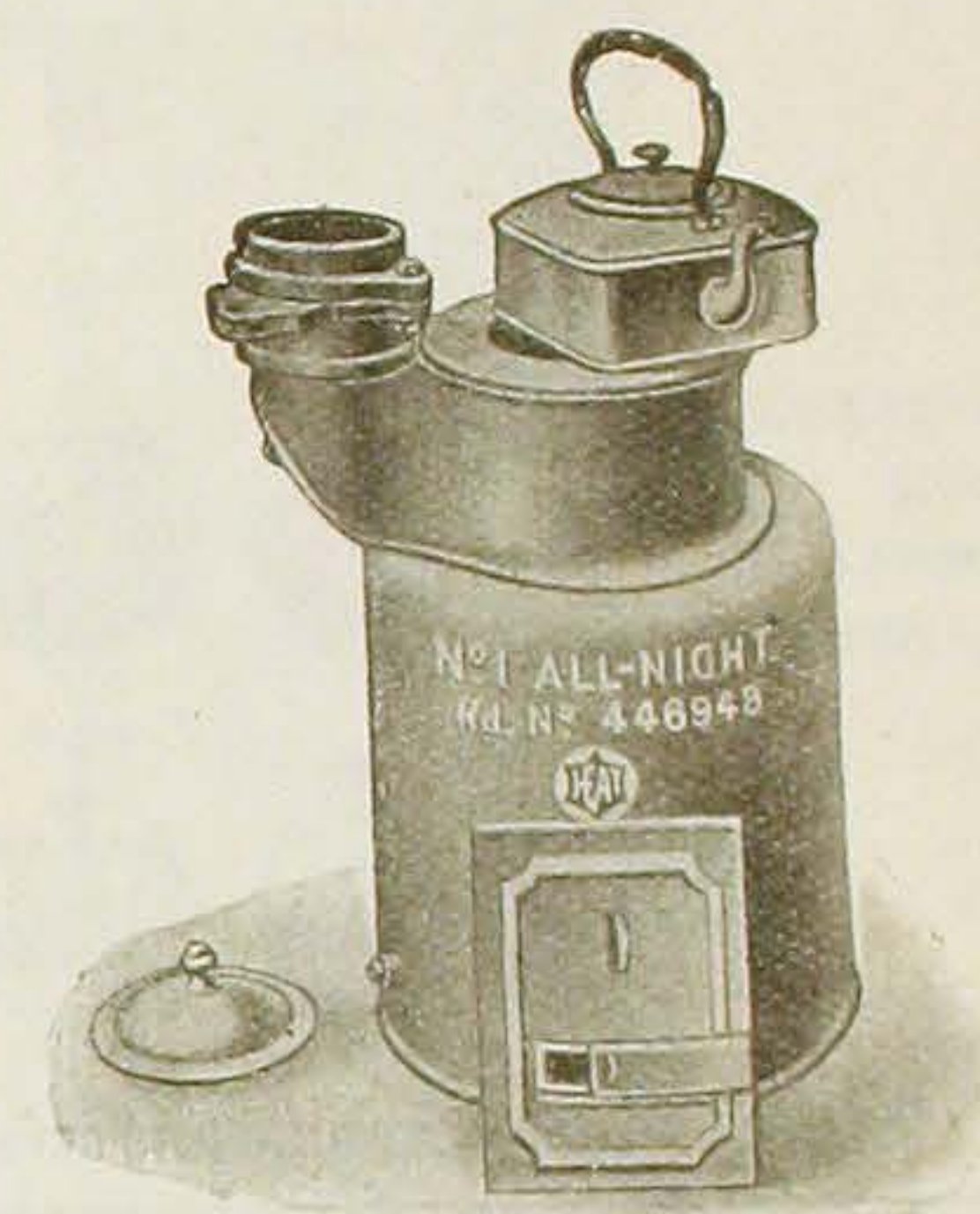
Quotations will be given for houses of any size on receipt of exact inside measurements, height to ridge, height to eaves and temperature required.



Front View.

No. PHS 8915 The "ALL-NIGHT" BOILER.

A neat, efficient Boiler for Garage Heating.



Showing Loose Ring in use when Magazine is removed.

Size No.	Height overall.	Outside Dimensions. Height Boiler only. Dia. at Bottom	Smoke Pipe Size.	Heating Capacity.	Price. £ s. d.
1	40"	14" 13"	4"	50'	3 12 3
2	44"	18" 16"	4 1/2"	90'	5 3 3
*3	*34"	24" 19"	5"	130'	7 9 2

*Magazine is not supplied with No. 3 Boiler, the fuel space being sufficiently large without it, but one can be supplied if required at 13/2 extra.

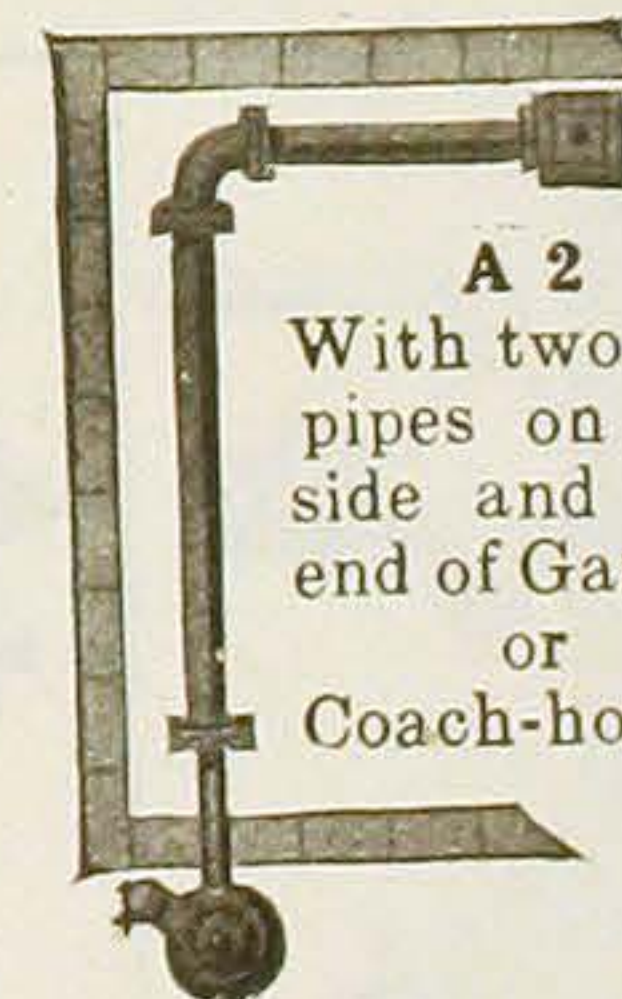
Standard Connections :

Nos. 1 and 2 Boilers have two 1 1/4" tapped holes at 7" centres in back. No. 3 Boiler has two 1 1/2" tapped holes at 15" centres in back.

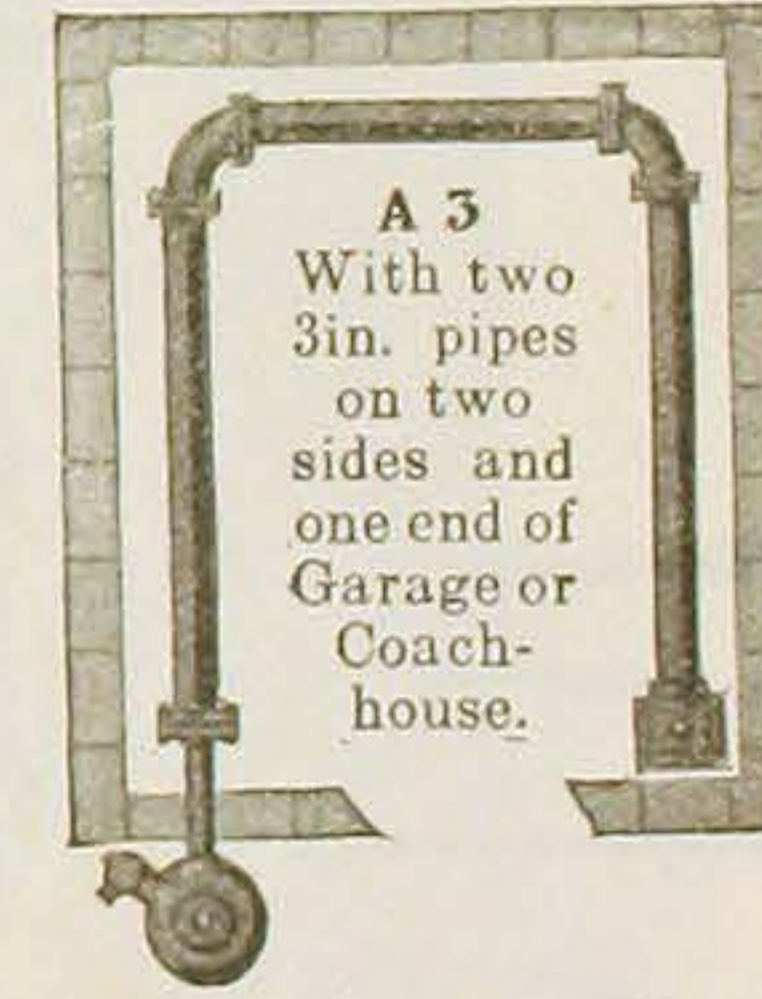
All Boilers are provided with an 1/2" hole for emptying. Standard tapings can be plugged and holes provided in other positions to order at an additional cost of 1/10 per hole.

"ALL-NIGHT" APPARATUS.**A 1**

With two 3in. pipes on one side of Garage or coach-house

**A 2**

With two 3in. pipes on one side and one end of Garage or Coach-house.

**A 3**

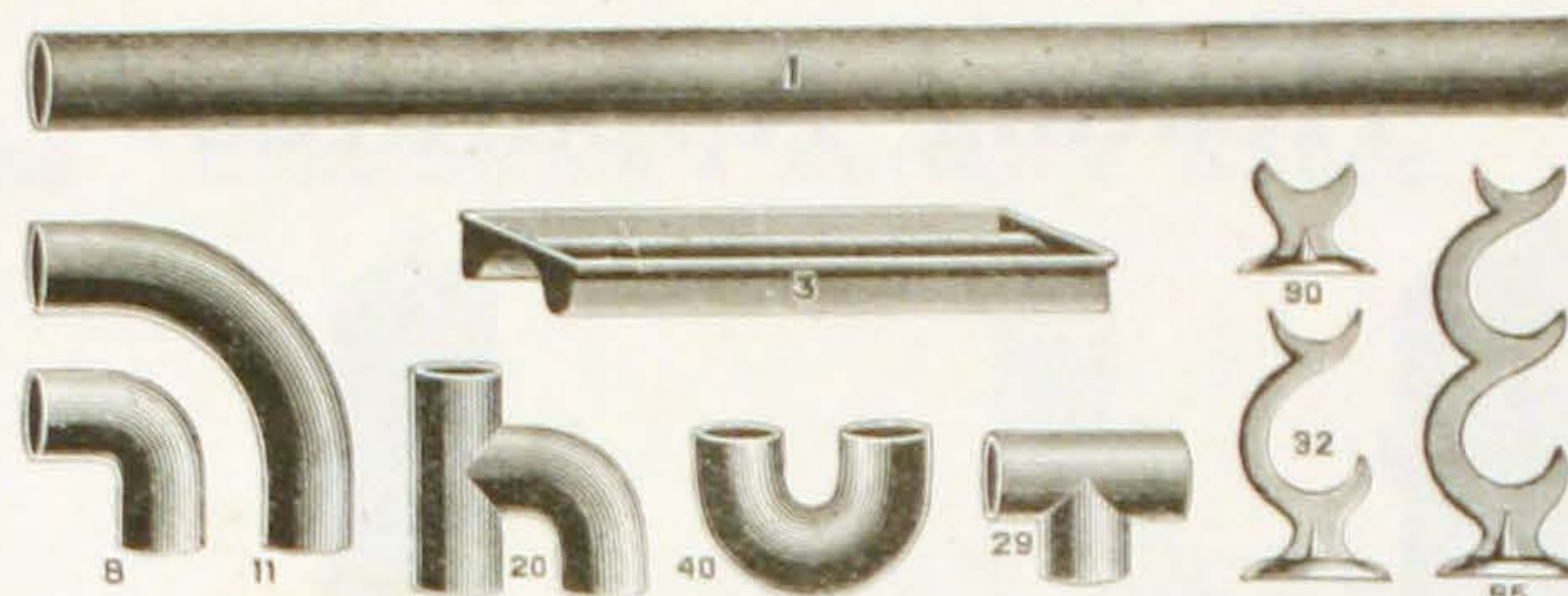
With two 3in. pipes on two sides and one end of Garage or Coach-house.

No. PHS 8916 Each apparatus consists of "All-Night" Boiler, smoke nozzle, damper, W.I. connecting tubes, 3" pipes, joints, stands, expansion box (or supply cistern), brass emptying tap, steel shovel, rake, teaser and spanner for fixing.

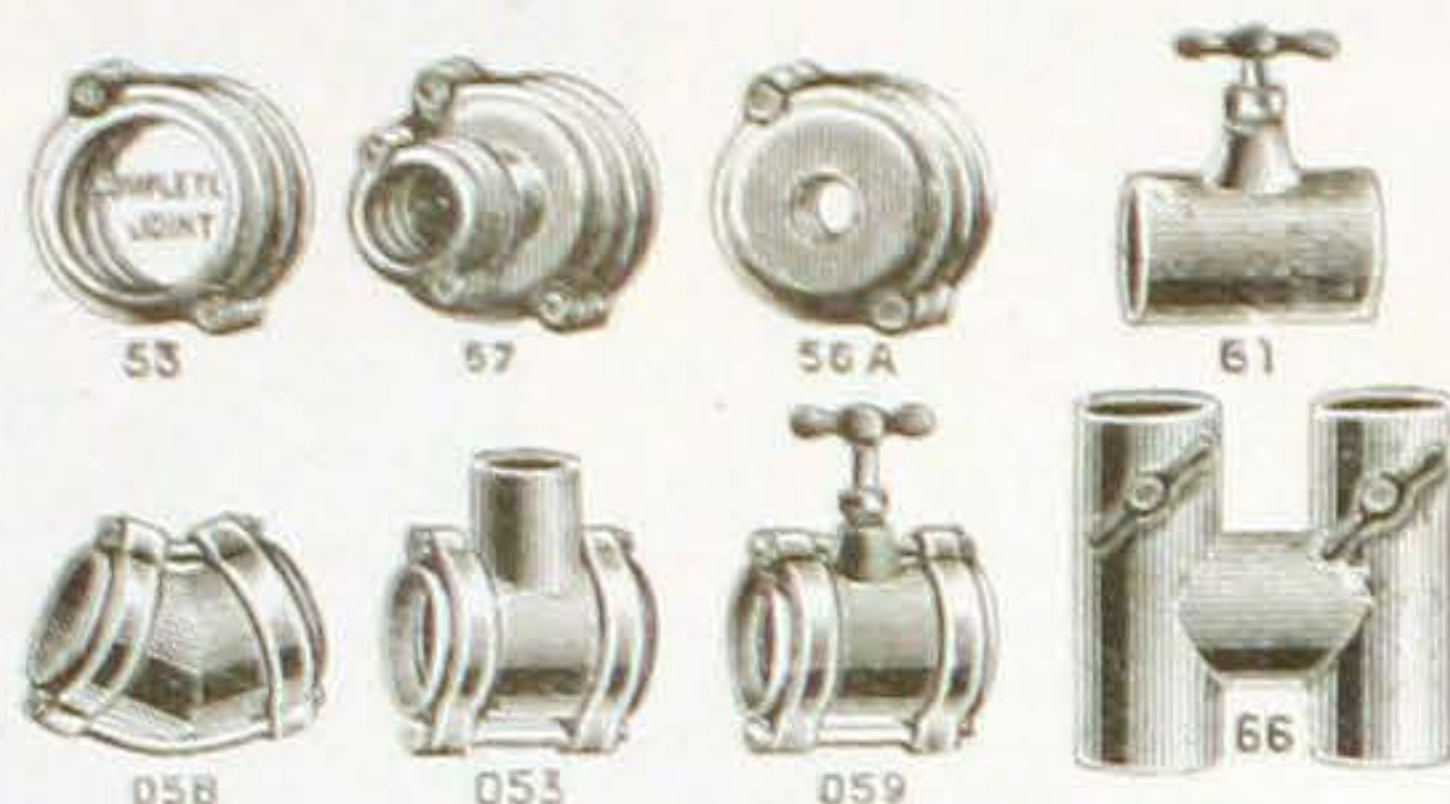
Suitable for House outside Meas'ments	No. of boiler	A1 Illustration Price. £ s. d.	No. of boiler	A2 Illustration Price. £ s. d.	No. of boiler	A3 Illustration Price. £ s. d.
10' x 8'	1	6 15 2	1	8 2 11	1	9 17 5
12' x 8'	1	7 3 8	1	8 15 6	2	12 4 1
15' x 10'	1	7 14 3	1	9 9 0	2	14 2 3
18' x 10'	1	8 0 8	1	9 15 5	2	14 15 0
18' x 12'	1	8 0 8	2	11 9 6	2	14 18 4
18' x 16'	1	8 0 8	2	12 17 5	3	18 11 2
20' x 10'	1	8 4 1	2	11 9 10	2	15 5 2
20' x 12'	1	8 4 1	2	11 12 11	3	18 2 6
20' x 16'	1	8 4 1	2	13 0 10	3	19 1 7
24' x 16'	1	9 3 1	2	13 19 8	3	21 8 10

Three plans illustrating the best methods of fixing pipes in greenhouses, motor houses, etc. Prices above have been estimated to include pipes of sufficient length for standard houses of outside measurements given.

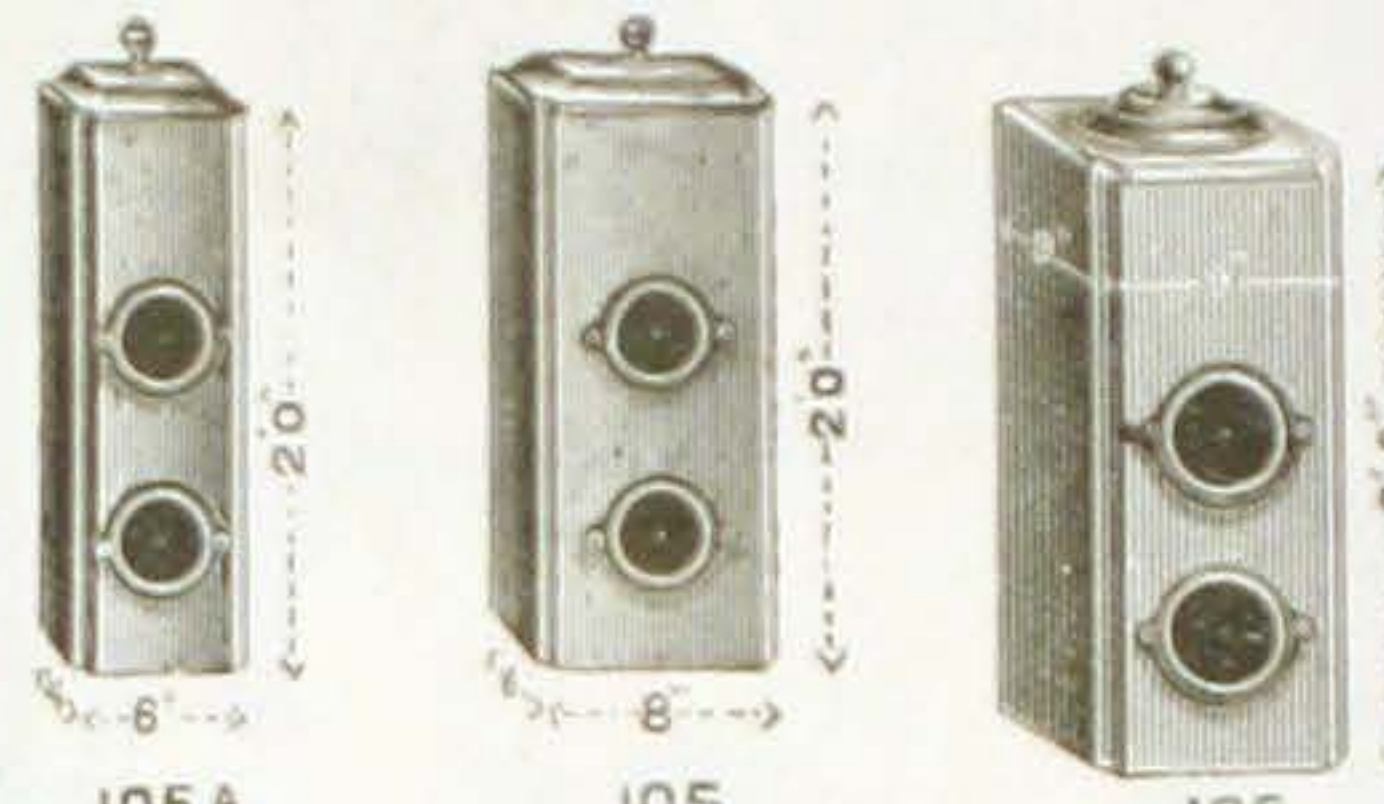
"B" Basis.

Pipes and
Connections for

Group No. PHS 8917

Heating
Apparatus

GROUP PHS 8918



GROUP PHS 8919



GROUP PHS 8920

Group PHS 8917		2"	3"	4"
Article No.				
1	Plain Pipe, 6' 0"	6/5	8/10	11/1
1	" " 7' 6"	8/6	10/5	13/9
1	" " 9' 0"	—	12/1	16/4
8	Evaporating Trough, 30" long	—	7/7	8/8
8	Elbow, ordinary	1/-	1/9	2/3
11	" outside for two rows	4/3	4/10	6/6
20	Branch, two-way	3/7	4/7	6/6
29	Tee Piece	1/9	2/5	3/5
40	Syphon, 4 1/2", 5 1/2", 7" centres respectively	1/3	2/3	3/8
90	Pipe Stand, for 1 pipe	5d.	5d.	5d.
92	" " 2 pipes	5d.	5d.	9d.
95	" " 3 "	9d.	10d.	1/2

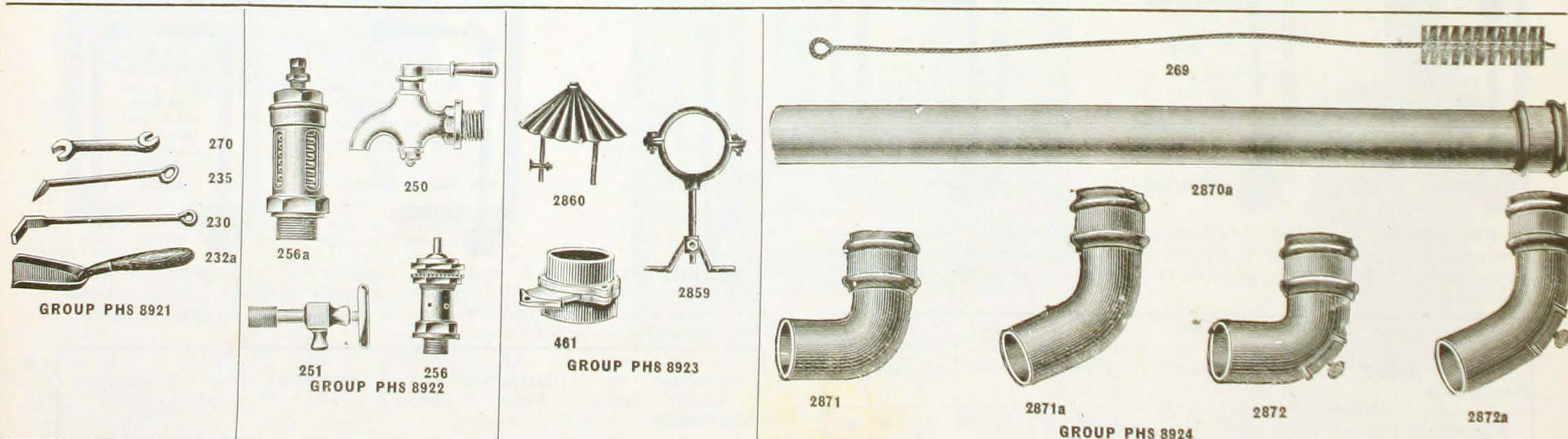
Group PHS 8918		2"	3"	4"
Article No.				
56A	Blank Joint, tapped any size up to 2"	3/5	4/-	4/7
57	Joint Diminished to 3", 2", 1 1/2" or 1 1/4"	2/10	3/8	4/-
053	Tee Joint, equal	4/10	5/8	7/2
058	Angle Joint, 135°	4/3	4/10	6/-
059	Valve Joint	12/1	12/11	14/4
61	Throttle Valve	10/5	10/8	12/1
66	" " H with 2 Valves	24/2	25/6	29/9

Group PHS 8919		2"	3"	4"
Article No.				
105A	Expansion Box with 2 joints, small size 24" x 6" x 4"	17/2	17/2	17/2
105	" " " medium size, 24" x 8" x 6"	21/7	21/7	21/7
106	" " " large size, 24" x 9" x 9"	29/9	29/9	29/9

Group PHS 8920		2"	3"	4"
Article No.				
111	Boiler or Coil Joint with rubber ring	7d.	10d.	1/3
112	" Blank Cap	1/3	1/9	2/5
112A	" " with tapped holes and rubber ring	2/5	2/10	3/7
123	Boiler Reducing Joint, 4" to 3" with 4" and 3" rubbers, also 3" to 2" with 3" and 2" rubbers	—	2/-	2/10

CLENSOL.—The Perfect Scale Remover. Clensol is a fluid, which is supplied ready for use in 40 gallon barrels, or in concentrated form in 3 gallon stone jars (when diluted makes 10 gallons in all). Clensol will effectively remove the hardest scale in from 24-48 hours and its use ensures the maximum efficiency from your plant. May we send further information?

Smoke Pipes and Accessories



Group PHS 8921		20" long, 9d. each ; 24" 1/- ; 30" 1/5 each.
Article No.		
230	Rake, (Wrought Iron)	7d.
232A	Shovel (Steel), 4 1/2" or 5 1/2" pan	1/5
235	Teaser (Wrought Iron)	9d.
270	Spanner (Malleable)	

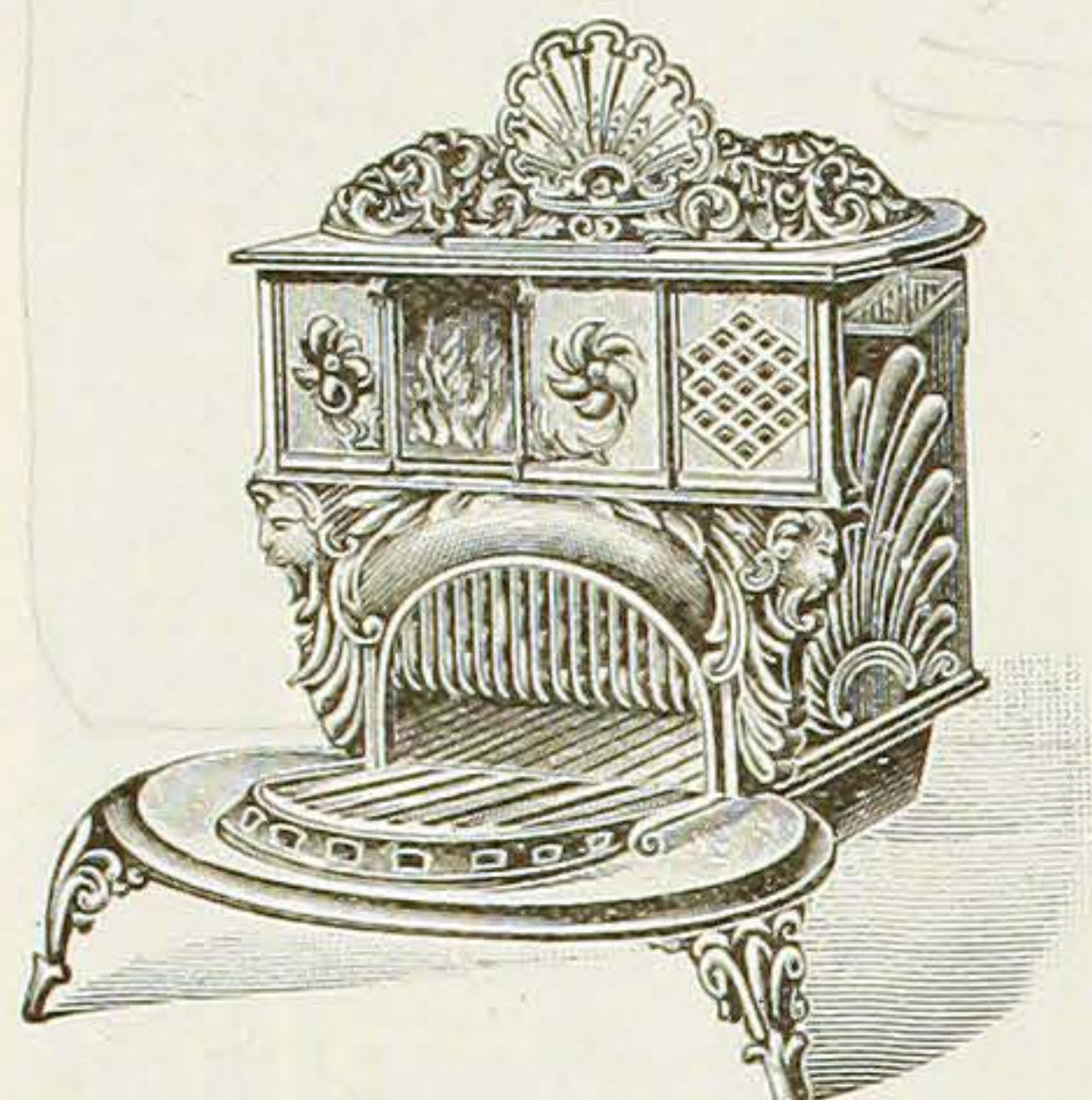
Group PHS 8922		1" 3/5 each ; 1 1/2" 4/3
Article No.		
250	Bibcock (Gun Metal)	2/3
251	Bibcock (Wheel action) 1/2"	5/1
256	Spring Safety Valves (Gun Metal) 1/2"	25/3
256A	" " " " 1"	

Group PHS 8923		4"	4 1/2"	5"	6"	7"
Article No.						
2859	Stay (adjustable) for Smoke Pipe	3/5	3/8	4/-	4/3	6/10 each.
2860	Cap (Cast Iron)	3/10	3/10	4/-	5/1	6/10
461	Damper (Socket and Spigot Sides)	1/9	1/10	2/7	3/2	5/5
2856	Damper (two Spigot Sides) not illustrated	1/9	1/10	2/7	3/2	5/5

Group PHS 8924		4"	4 1/2"	5"	6"	7"
Article No.						
2871	Smoke Elbow, Right Angle, 90°	4/-	4/3	5/5	7/2	10/8
2871A	" " Obtuse Angle, 112 1/2° or 135°	4/-	4/3	5/5	7/2	10/8
2872	" " (with Soot Lid) Right Angle 90°	5/1	5/3	6/5	8/5	12/1
2872A	" " (with Soot Lid) Obtuse Angle 112 1/2° or 135°	5/1	5/3	6/5	8/5	12/1
2870A	Smoke Pipe, 3' 0" long	5/-	5/8	7/2	9/3	12/8
"	" " 4' 0" "	6/10	8/8	9/9	13/2	16/11
"	" " 6' 0" "	9/9	11/3	13/11	17/9	24/8
269	Flue Brush, Wire, 6' 0" long					4/7 each.

Heating Stoves

THE "QUEEN"



No. PGS 869

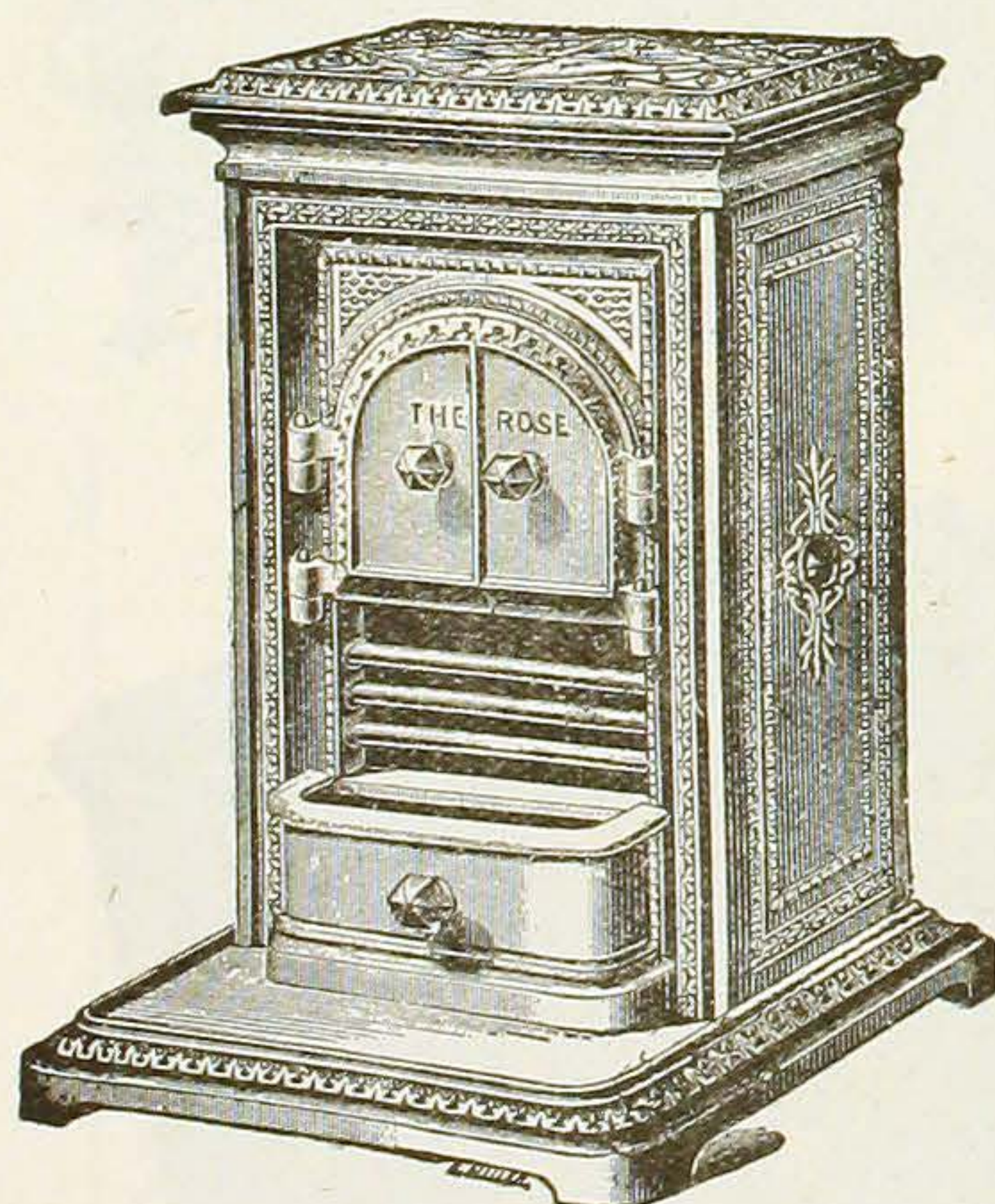
A low-priced Stove, recommended for Bedroom, Nursery, Library, Office, Shop, etc. Has Sliding Blower Doors, and Hearth Shelf acting as a Damper when turned up. Movable Scroll Top with two Boiling Openings on Hot-plate; Ashpan, Riddle, etc.

	Width.	Depth.	Height.	Prices.
No. 5	16"	17"	22"	£1 5 0
No. 6	20"	18"	24"	1 8 0
No. 7	23"	19"	26"	1 14 0

Can be supplied in plain modern design if preferred.

Prices on request.

THE "ROSE"



No. PGS 871

A handsome Stove at a moderate price, suitable for Halls, Sitting Rooms, Schools, Offices, etc. It is strongly made, has a bright ornamental top and polished mouldings. The fire chamber is fitted with brick linings, a flue deflector, and draw-out ashpan.

	Width across Sole-plate.	Front to back.	Height.	Nozzle.	Price.
Size 1	18"	20"	25"	5"	£2 12 6
Size 2	21"	25"	30"	6"	3 10 0
Size 3	24"	25"	35"	6"	5 2 0

Size 1 has one fire door only. Can be had with top nozzle if desired.

No. PGS 209 CAP PIECES, on 6" lengths of Pipe.
2" to 4½" 2/6 5" 2/10 6" 3/9 each nett.

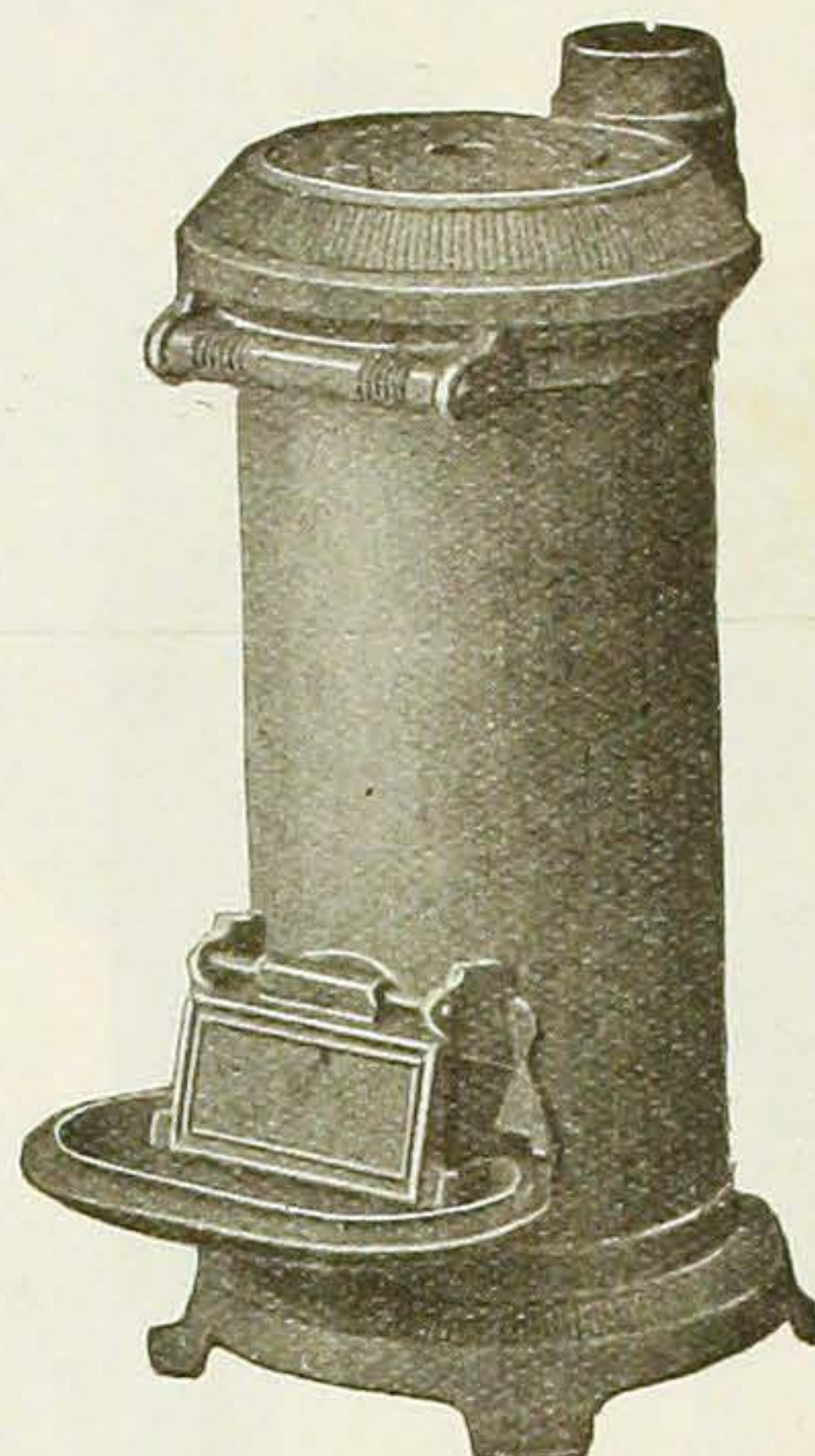
No. PGS 207 SHEET-IRON STOVE PIPES.
Stove Pipe, stock patterns.

	2" to 3½"	4"	4½"	5"	6"
	6d.	7d.	7½d.	8½d.	10½d.

per ft. nett.

No. PGS 208 SHEET-IRON ELBOWS.
Elbows, square or obtuse, hand made, any size up to 4½",
2/3; 5", 2/6; 6", 3/6 each nett.

THE "GLOW-WORM" SLOW COMBUSTION STOVE.
STRONG. RELIABLE. SIMPLE.

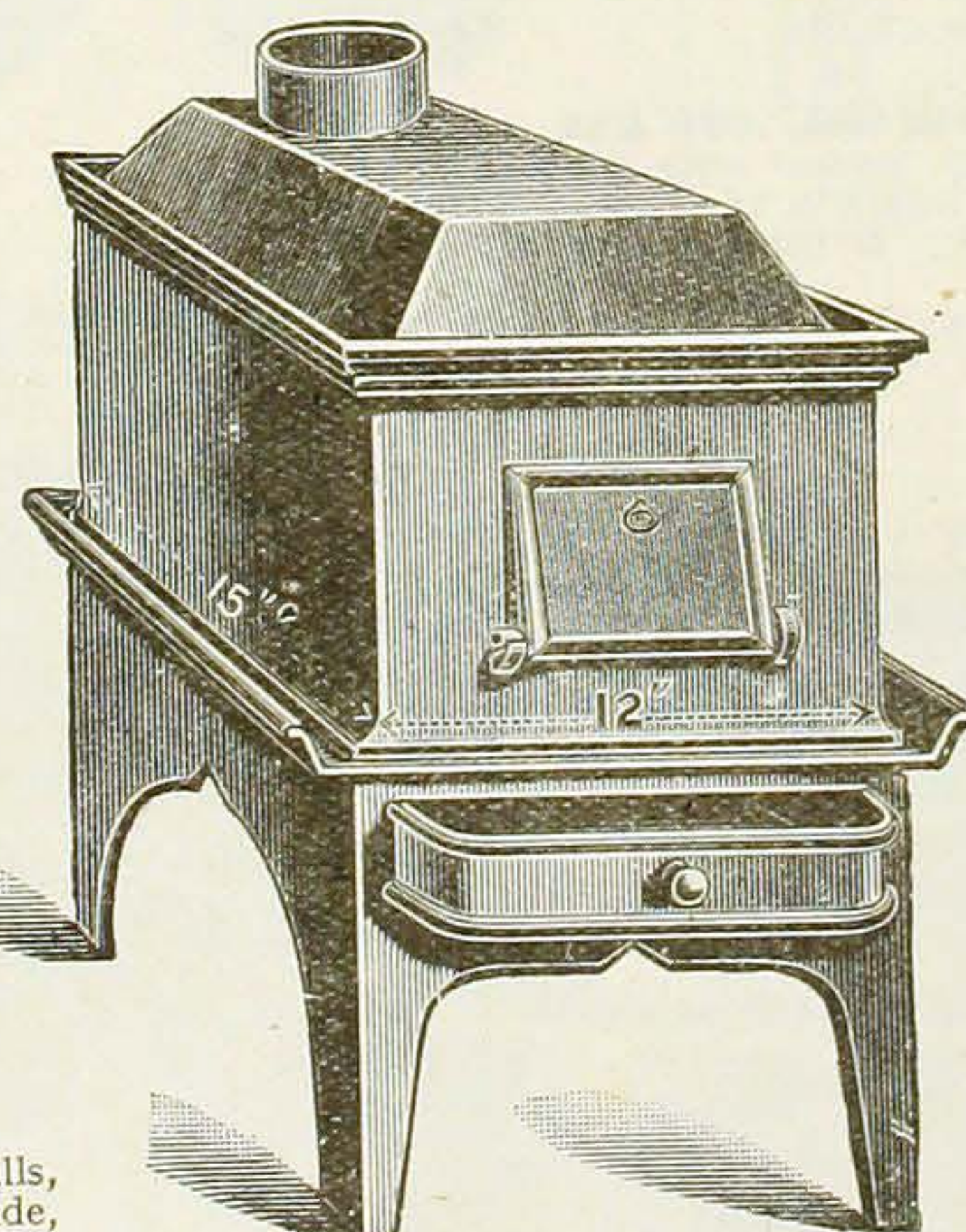


No. PGS 865

	Height	Width	*Nozzle	Heating Power, about	Prices
	20"	9"	3½"	2,000	24/6
	25"	10"	4"	6,000	29/6
	30"	12"	4½"	10,000	39/-
	32"	14"	5"	15,000	52/-
	34"	16"	5"	24,000 c. ft.	82/6

Gives Maximum Heat with Minimum Fuel Consumption.
State if required with Smoke Nozzle on top or at back.

*These dimensions are liable to vary, and should be confirmed before ordering stove pipe, etc.



No. PGS 880 and 880A

LAUNDRY STOVES.

No. PGS 880

With bodies in loose plates and hinged fire doors.

	Size	1	3
Front	12"	12"	12"
Side	12"	15"	15"
Height	23"	23"	23"
Flue	4"	4"	4"
Nozzle	4"	4"	4"

PRICE

	Size 1	3
	£3 7 6	£4 7 6

No. PGS 880A

As above, but without ashpan.

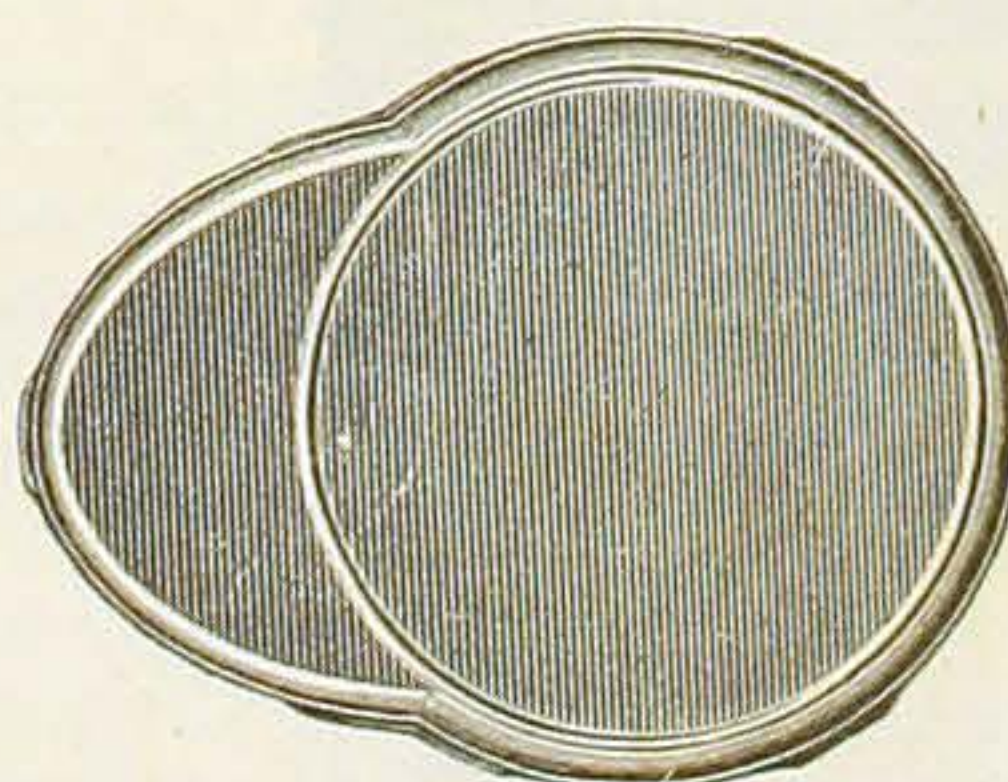
	Size 1	3
	£3 0 0	£3 16 0

No. PGS 824

"TORTOISE" TRAYS.

For use on wood or carpeted floors.

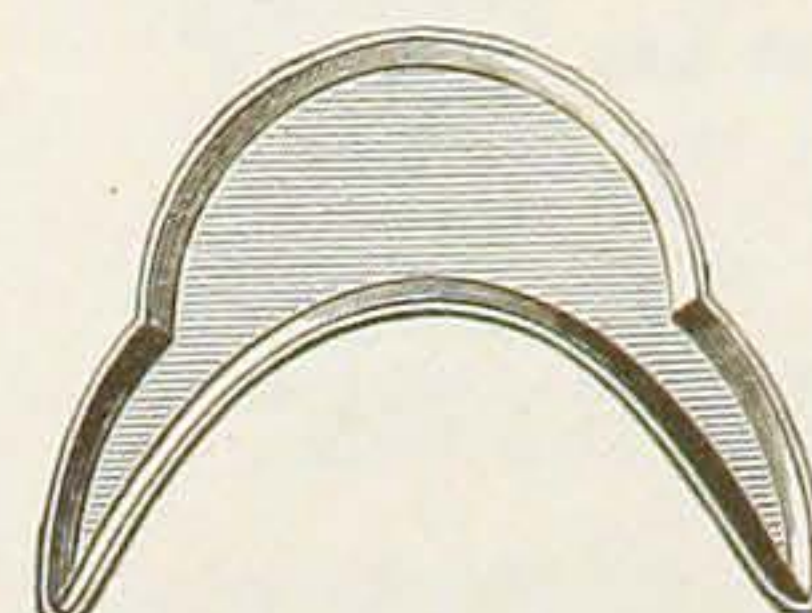
	Nos.	0	1	2	3
		5/-	6/6	9/-	11/-
	Nos.	4	5	6	
		14/-	18/-	25/-	each nett.



No. PGS 937 FIRE BRICKS For Relining.

Sizes	0	1	2	3	4	5	6
	4/-	5/-	6/-	9/-	13/-	16/-	20/-

each nett.



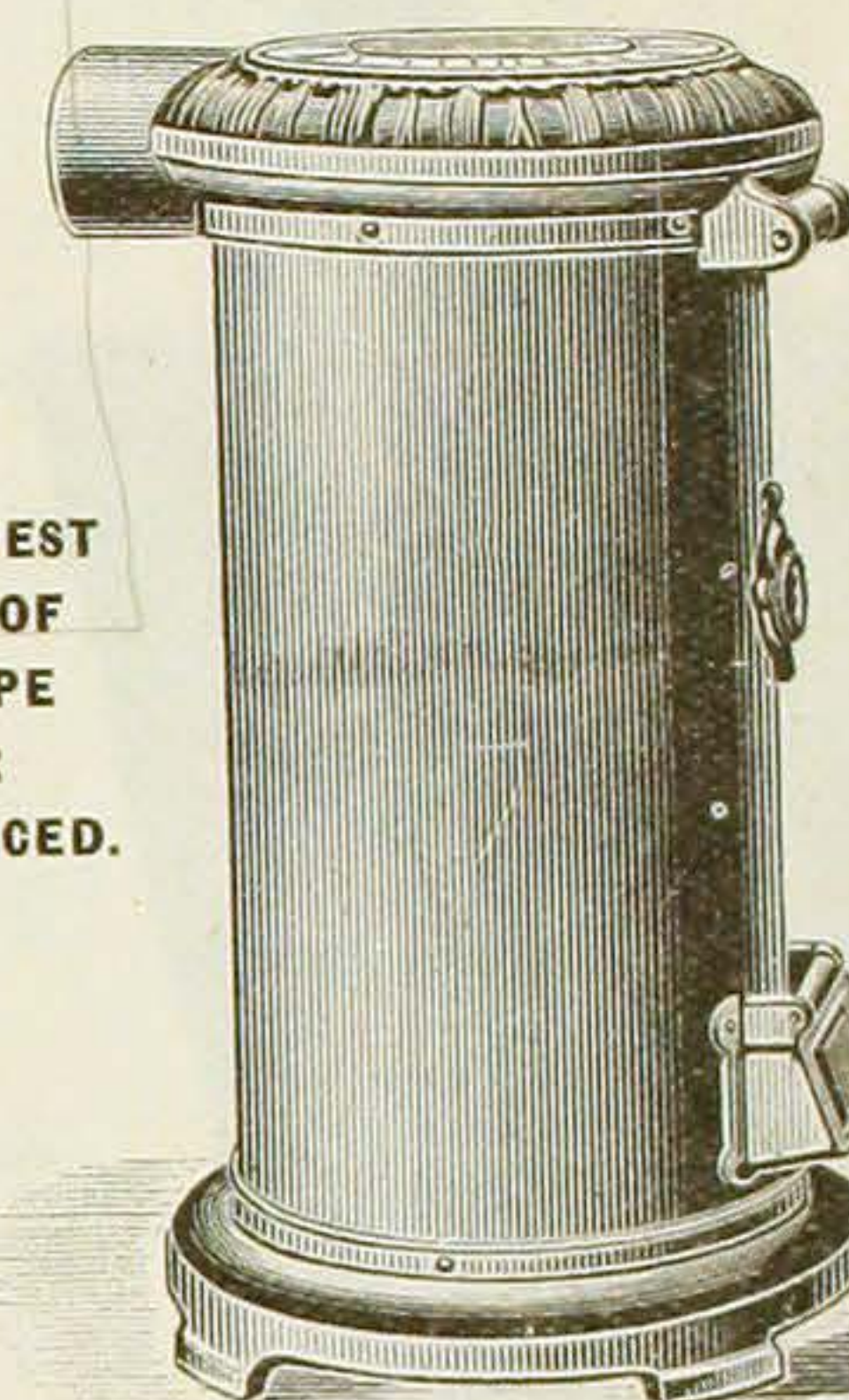
ASHES PAN.

Included in Price of "Tortoise" Stoves.

These are not sent when Tray illustrated above is ordered.

THE "TORTOISE" SLOW COMBUSTION STOVE.

THE BEST—THEREFORE CHEAPEST.



THE FINEST STOVE OF ITS TYPE EVER INTRODUCED.

GREAT FUEL AND LABOUR SAVER.

No. PGS 866

Lined throughout with Finest Fireclay.

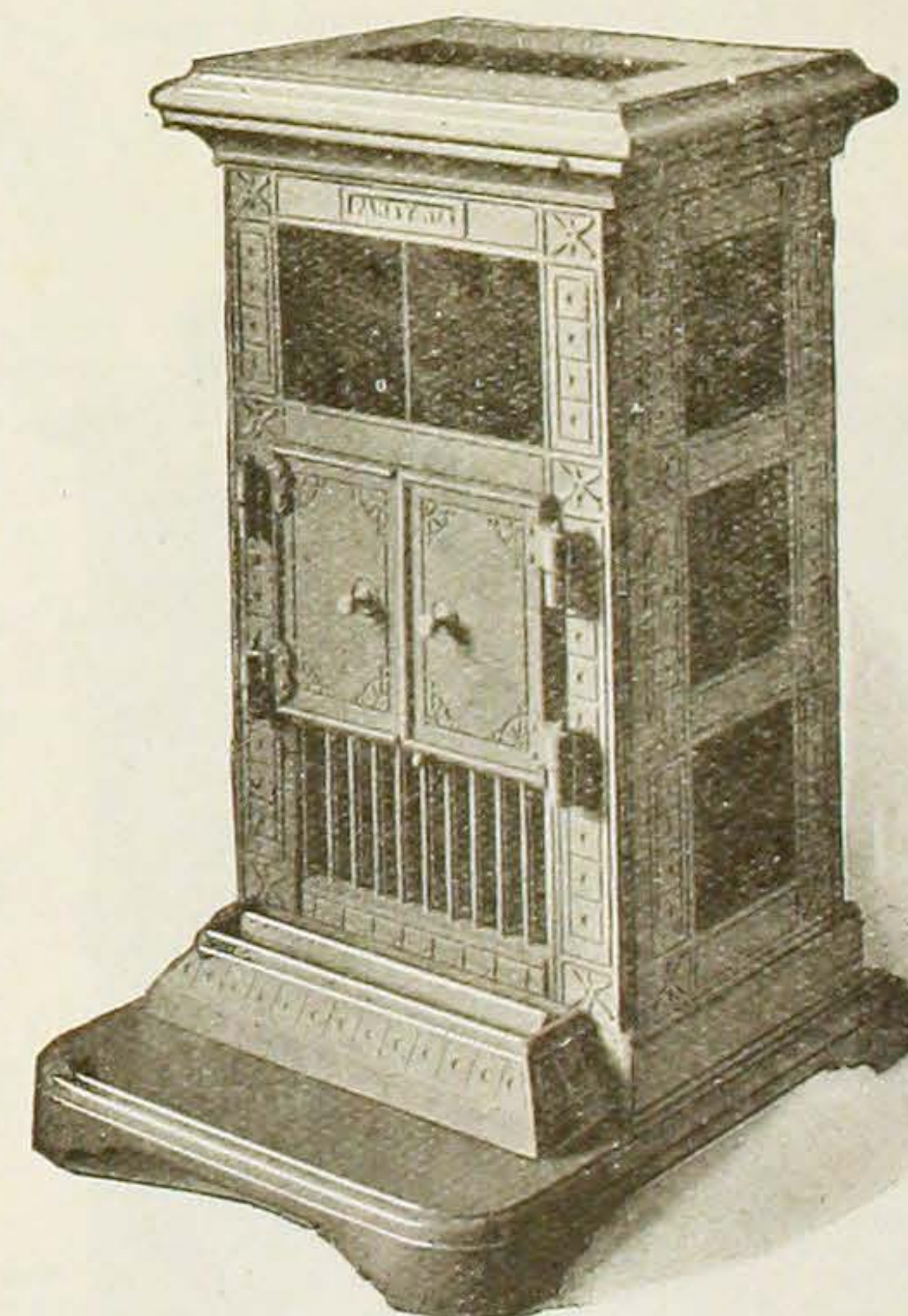
IMPORTANT.—Please state whether Flue is to be on top or at back.

Size No.	0	1	2	3	4	5	6
Diameter	8"	9"	10"	12"	14"	16"	18"
Height	16"	20"	24"	30"	32"	35"	40"
Nozzle	3½"	3½"	3½"	4½"	4½"	5½"	6½"
Heating Power	about 1,000	2,000	6,000	10,000	15,000	25,000	40,000
Prices	24/3	29/6	34/6	49/6	69/-	99/-	137/6

Including Ashpan for Front of Fire.

Prices of larger sizes on application.

THE "PANSY"



No. PGS 870 Registered Design.

A superior and handsome tiled stove, fitted with brick linings, vertical steel spindle bars and hinged fire doors.

	Wide.	Deep.	High.	Fire.	Nozzle.
Size 1	14"	11"	28"	8"	5"
" 2	17"	12½"	32"	10"	6"
" 3	20"	12½"	36"	12"	6"

PRICES, WITH TILES.

Sizes	1	2	3
*Fine cast and blacked	£5 9 6	6 14 0	9 14 6
Second finish, Berlin blacked	7 0 0	8 13 0	11 15 0

*Not stocked.

No. PGS 210

CAST-IRON STOVE PIPE, in 6' 0" lengths.

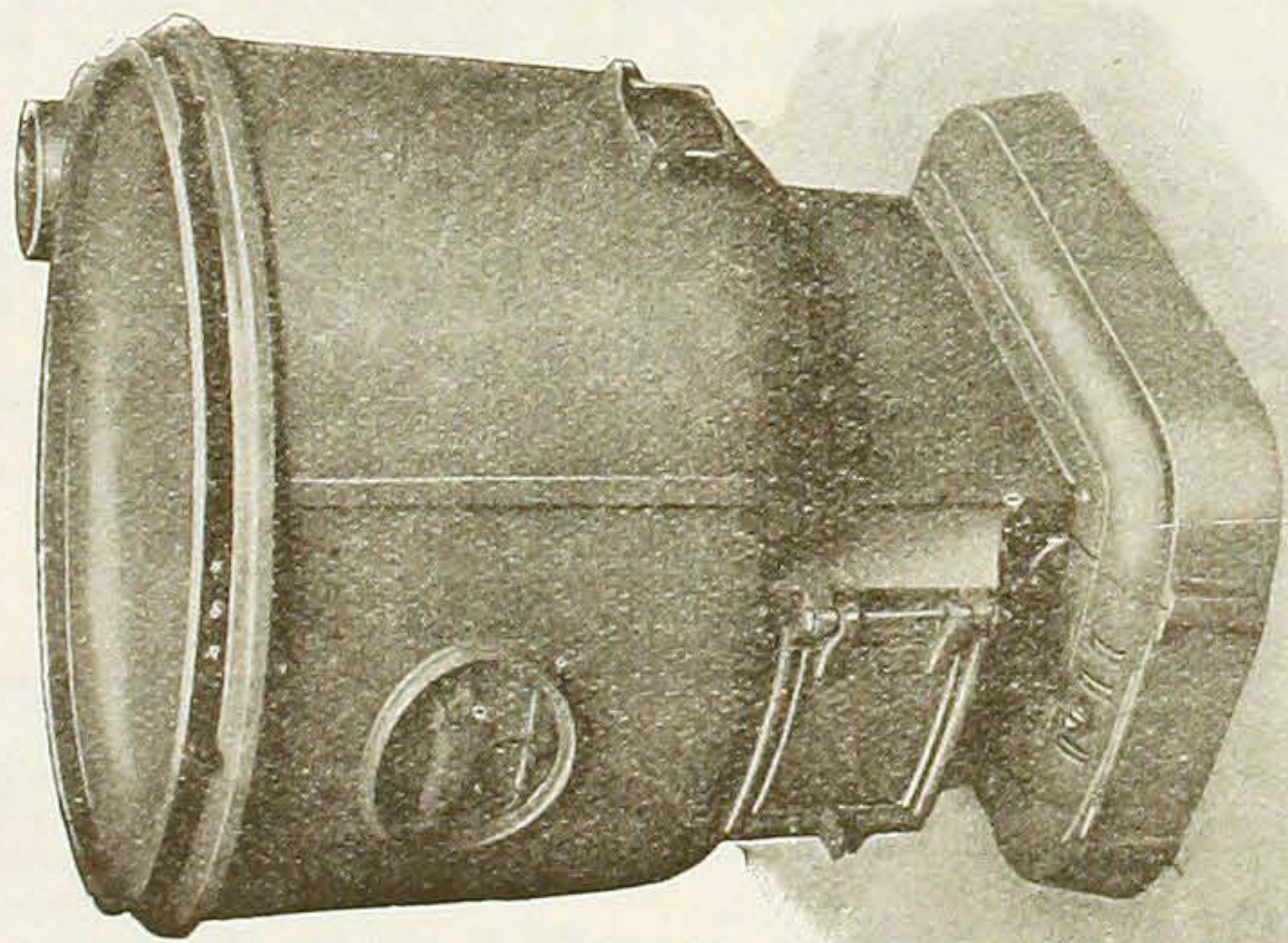
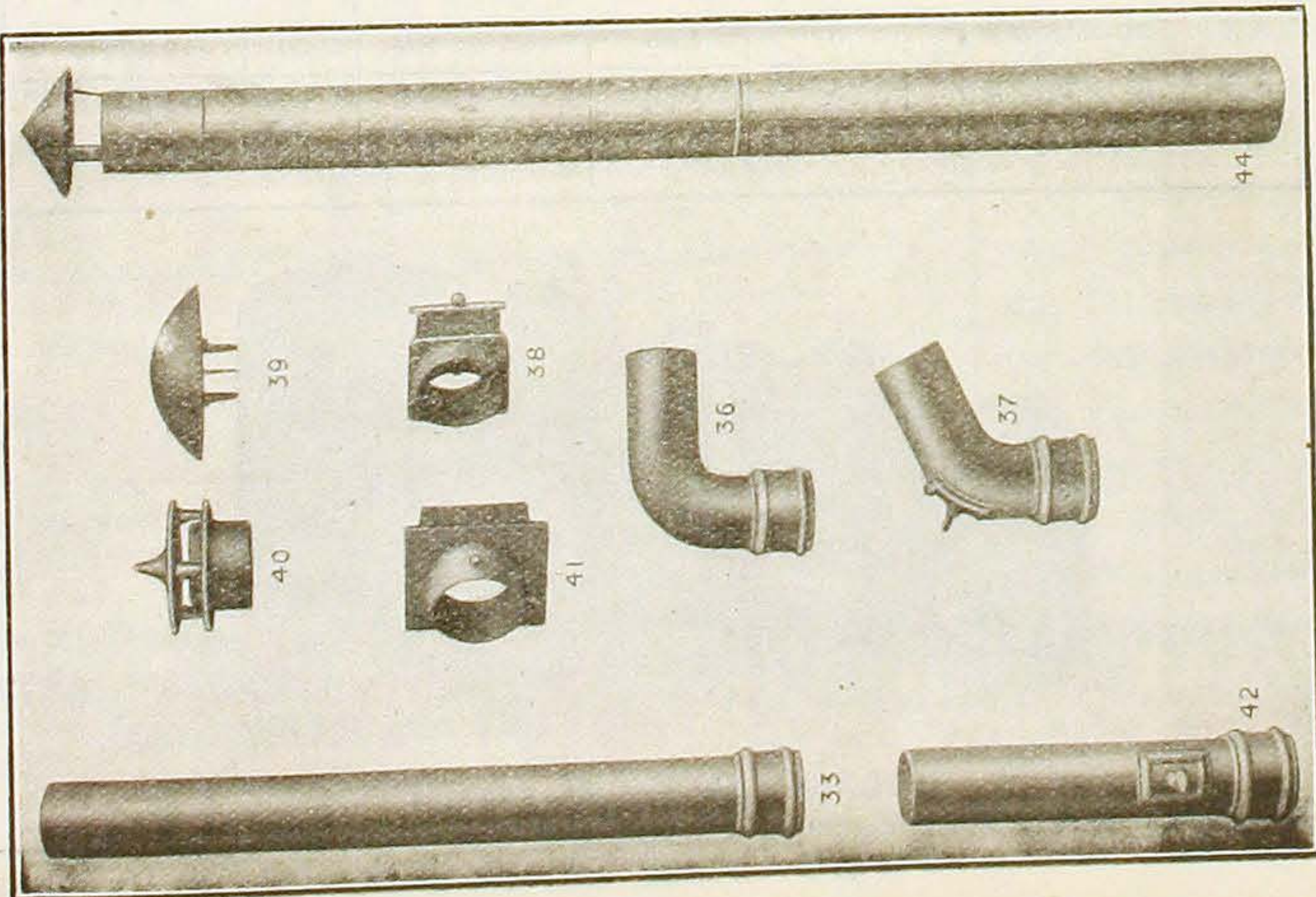
	2½"	3"	3½"	4"	4½"	5"	6"
	5/9	6/9	8/3	9/6	11/6	14/6	18/3

each.

"B" Basis.

All PGS—Stock Lines with one exception as indicated by asterisk.

PGQ—Quick delivery.
“B” Basis.



No. PGQ 885 Standard Pattern, 6-12 gallons.
No. PGQ 903—Standard Housing Scheme pattern, similar to PGQ 885 but slightly higher and having Galvanized Hinged Cover Channel, Steam Escape and 3/4" Brass Draw-off Cock included in prices below.

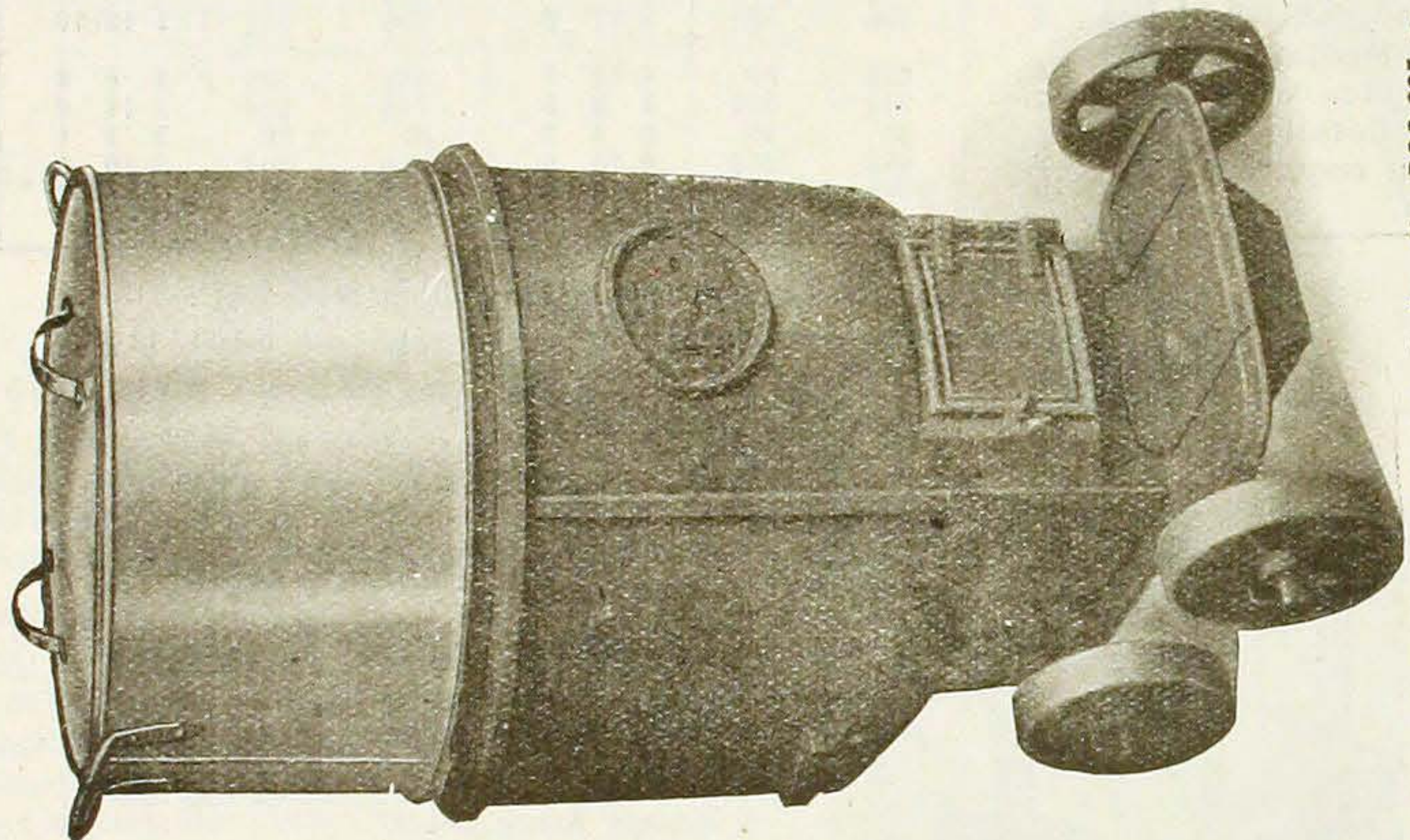


Illustration shows 10-gallon Boiler, No. PGQ 885 on Wheels, with Galvanized Steam and Galvanized Lift-off Cover (see Extras).

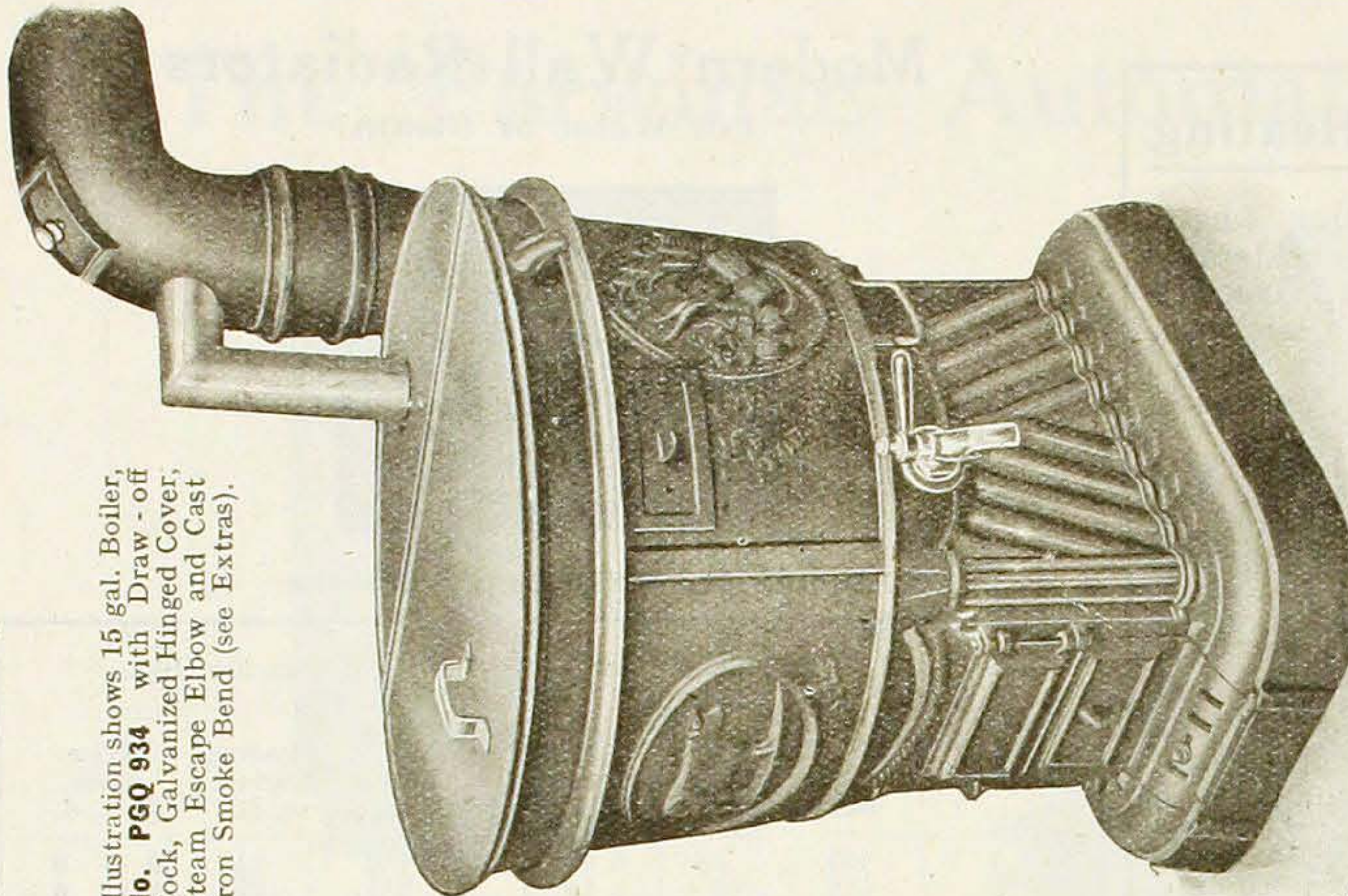


Illustration shows 15 gal. Boiler, No. PGQ 934 with Draw-off Cock, Galvanized Hinged Cover, Steam Escape Elbow and Cast Iron Smoke Bend (see Extras).

Suitable Smoke Pipes and Connections.

The “Cow” Brand Portable Boilers

CONSTRUCTION.—The removable inside pan rests in a strong cast-iron sectional frame over a brick-lined fire chamber, the whole standing on a solid base (or on feet if so ordered). This sectional frame is more durable than sheet-steel, and prevents fracture through expansion due to overheating; it also ensures more rapid boiling than with a clumsy solid frame boiler or the old-fashioned brick-set pattern. The heat is intercepted and retained around the pan; economy of fuel is therefore conspicuous; repairs are inexpensive and easily effected.

SMOKE PIPES AND CONNECTIONS.	Description.	Diameter.			
		4"	4 1/2"	5"	6"
No. PGQ 33a	Cast Iron Pipe, Round, 2' 0" long	3/1	4/3	5/-	6/2
No. PGQ 33	" " " " " "	4/8	6/5	7/6	9/3
No. PGQ 34	" " " " " "	6/2	8/6	10/-	12/4
No. PGQ 35	" " " " " "	8/9	12/-	14/3	17/6

		PGQ 885				PGQ 903			
Pattern Number	Capacity, Imperial Gallons	10	12	15	20	22	25	30	36
Width across Top	...	21 1/2"	23 1/2"	26 1/2"	28 1/2"	28 1/2"	28 1/2"	31 1/2"	34 1/2"
Height to Top of Pan	...	24"	26 1/2"	28 1/2"	32"	32 1/2"	33 1/2"	34 1/2"	37 1/2"
Inside diameter of Pan	...	19 1/2"	20 3/4"	24 1/2"	24 1/2"	26 1/2"	26 1/2"	30"	33 1/2"
Inside Depth of Pan	...	11"	12 1/2"	14 1/2"	18"	17 1/2"	19 1/2"	19 1/2"	22 1/2"
Suits Cast-iron Flue Pipe, dia.	...	4 1/2"	4 1/2"	5"	5"	5"	5"	6"	6"
PRICES		PGQ 885				PGQ 903			
With Plain Cast-iron Pan	...	66/-	84/-	102/-	118/-	123/-	127/6	164/-	194/-
With Rustless Cast-iron Pan	...	72/-	94/-	116/6	137/-	144/6	151/6	193/-	238/-
With Galvanized Cast-iron Pan	...	74/-	96/-	120/6	143/-	150/6	157/6	202/-	250/-
With Tinned Copper Brazed Pan	...	103/-	129/-	188/-	208/-	220/-	230/-	284/-	336/-
EXTRAS		PGQ 885				PGQ 903			
Galvanized Lift-off Cover	...	8/3	8/3	9/-	10/-	10/-	10/-	11/-	13/6
Galvanized Hinged Cover	...	11/-	11/-	13/6	15/6	15/6	15/6	17/-	22/-
Galvanized Steam Escape Elbow	...	3/3	3/3	3/6	3/6	3/6	3/6	3/6	3/6
Copper Hinged Cover	...	23/-	24/-	33/-	33/-	38/6	38/6	52/6	63/-
Copper Steam Escape Elbow	...	6/-	6/-	6/9	6/9	6/9	6/9	7/6	7/6
Copper Steam and Cover	...	36/-	39/-	52/6	54/-	58/-	58/-	68/-	77/-
Mounted on Wheels	...	27/-	27/-	27/6	27/6	27/6	27/6	27/6	36/-
Gas Bunsen Burner to Fire-chamber	...	13/6	13/6	17/6	17/6	17/6	17/6	—	—

*Can be supplied 3 1/2" higher when so ordered at 3/- extra.
†Can also be supplied to suit 4" C.I. Pipes when so ordered.
**Extras to PGQ 903 Standard Housing Scheme Pattern: 2' 0" length C.I. Pipe with Sliding Damper, 5/9 extra; C.I. Bend with Sliding Cleaning Door, 5/3 extra.
Deductions to PGQ 903 Standard Housing Scheme Pattern: without 3/4" Draw-off Cock, 12/-; if 3 1/2" less in height, 3/-

SMOKE PIPES AND CONNECTIONS—continued.

No. PGQ	Description	Diameter			
		4"	4 1/2"	5"	6"
36	Cast Iron Elbow, Square or Obtuse	3/3	4/3	5/8	7/3
37	" " " " " "	5/3	6/6	8/-	10/-
38	" " " " " "	3/3	3/6	4/-	4/6
39	" " " " " "	4/10	4/10	5/8	7/8
40	" " " " " "	5/7	6/8	8/-	10/10
41	" " " " " "	6/6	6/6	6/6	8/-
42	" " " " " "	2/3	2/3	2/4	2/9
43	" " " " " "	2/3	2/3	2/6	2/9
44	" " " " " "	13/-	14/-	15/6	17/-

No. PGQ 934

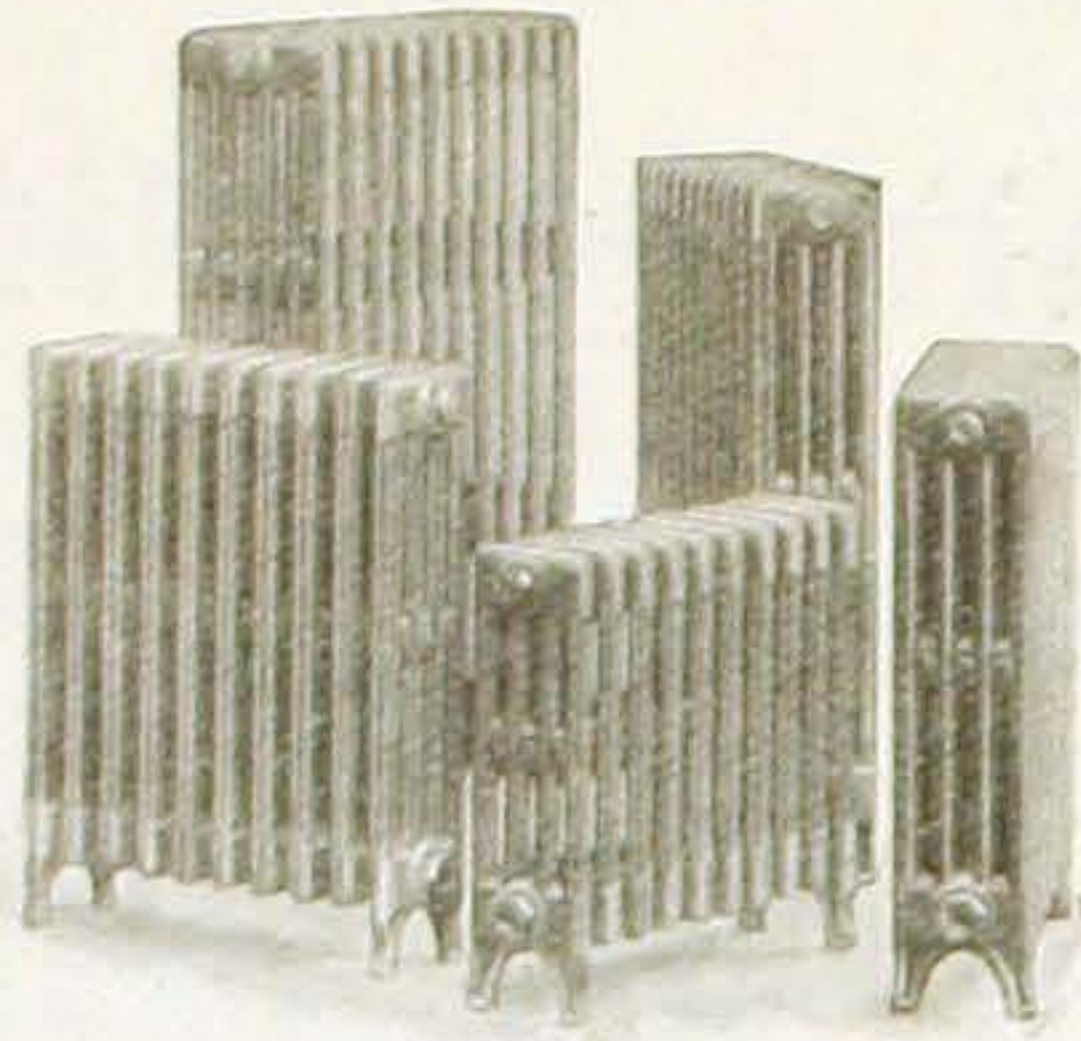
25	30	40	45	50	60	75	90	100
28 1/2"	31 1/2"	31 1/2"	34 1/2"	35"	38"	38 3/4"	40 1/2"	41"
33 1/2"	37 1/2"	37 1/2"	37 1/2"	40"	42"	44"	48"	54 1/2"
26 1/2"	30 1/2"	30 1/2"	33 1/2"	33 1/2"	36 1/2"	37"	39 1/2"	39 1/2"
19 1/2"	19 1/2"	22 3/4"	21 1/2"	24 1/2"	24 1/2"	26 3/4"	30 1/2"	36 1/2"
5	6"	6"	6"	6"	6"	6"	6"	6"
127/6	164/-	176/-	194/-	207/-	246/-	287/-	315/-	357/-
151/6	193/-	215/-	238/-	256/-	305/-	360/-	403/-	454/-
157/6	202/-	226/-	250/-	270/-	321/-	383/-	430/-	483/-
230/-	284/-	309/-	336/-	370/-	409/-	461/-	504/-	546/-
10/-	11/-	13/6	13/6	13/6	17/9	17/9	21/-	21/-
15/6	17/-	22/-	22/-	22/-	28/-	28/-	34/-	34/-
3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/6	3/6
38/6	52/6	52/6	63/-	63/-	63/-	63/-	75/-	75/-
6/9	7/6	7/6	7/6	8/3	8/3	8/3	10/-	10/-
58/-	68/-	71/-	77/-	77/-	89/-	89/-	93/-	93/-
27/6	27/6	27/6	36/-	36/-	36/-	36/-	36/-	36/-
17/6	—	—	—	—	—	—	—	—

1 1/2" for Boilers up to 95 gallons, and 1" Cocks for larger Boilers).

Brass Draw-off Cock 3/4" 12/- extra; 1" 20/- extra. 3/4" Cocks are suitable for Boilers up to 25 gallons, and 1" Cocks for larger Boilers).

NOTE.—All sizes of Boilers can be supplied on feet instead of on Solid Base when so ordered, and at the same prices as above.

Modern Radiators For Water or Steam.



No. PGS 4200

Pattern	Height ins.	*** Length per section. ins.	Width at Feet. ins.	Heating Surface per section. sq. ft.	Price per Square foot. s. d.	Price per section. ** s. d.
4-column	36	2	5 1/2	3	2 3/4	6 11
*Stocked only in 4 column size, 30" height, 28 1/2"	30			2 1/2	2 5/8	6 1 1/2
	24			2	2 6/8	5 1 1/2
	18			1 1/2	2 10	4 3
6-column	36	-2	8 1/2	4 1/2	2 1 1/8	9 7 1/2
	30			3 3/4	2 2 1/8	8 4
	24			3	2 4 1/8	7 2
	18			2 1/2	2 6 1/8	5 9

***Multiply these prices by the number of sections you require.
***In estimating length of Radiator add one inch to length of radiator for bushings and plugs.
Height from floor to centre of top openings, 4".
Height from floor to centre of bottom openings: 36" height, 34 1/8"; 30" height, 28 1/8"; 24" height, 22 1/8"; 18" height, 16 1/8".

Central Heating

We are Heating Engineers of some considerable standing. All apparatus is installed with a due sense of responsibility. We shall, therefore, be glad of your enquiries.

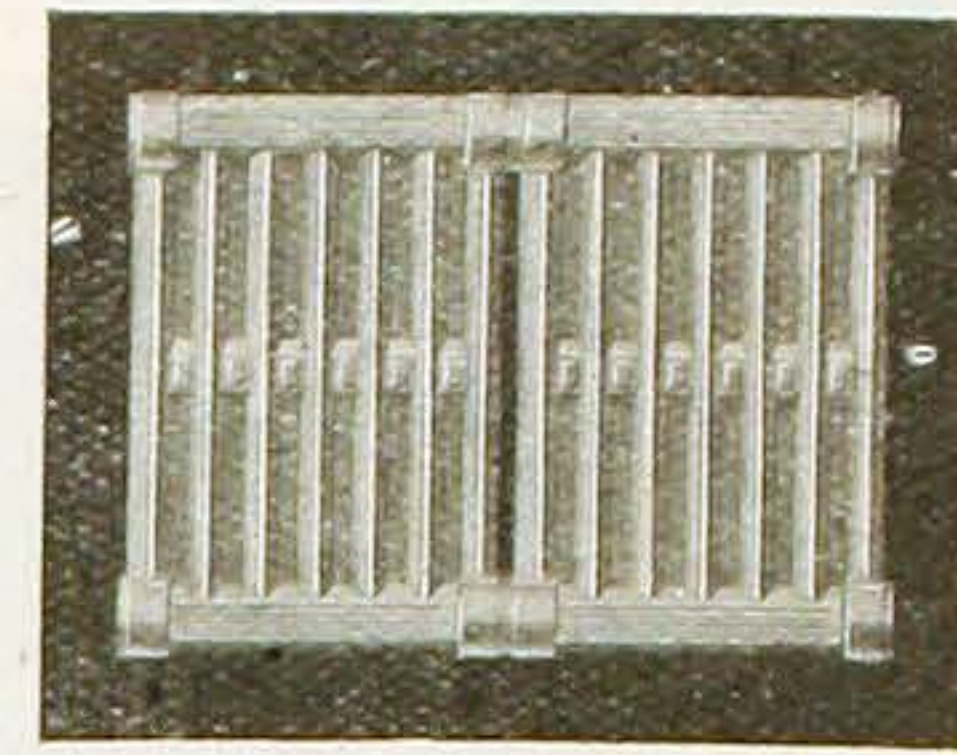
An engineer will at your invitation, call, suggest and arrange for prices to be sent you, without your entailing any obligation.

Our Central Heating Booklet is a non-technical treatise on this important subject and worth reading.

Write simply a post card for **Catalogue CH507**.

Better Terms can be quoted for Radiators, Boilers, Pipes, etc., when we are given details of the installation required.

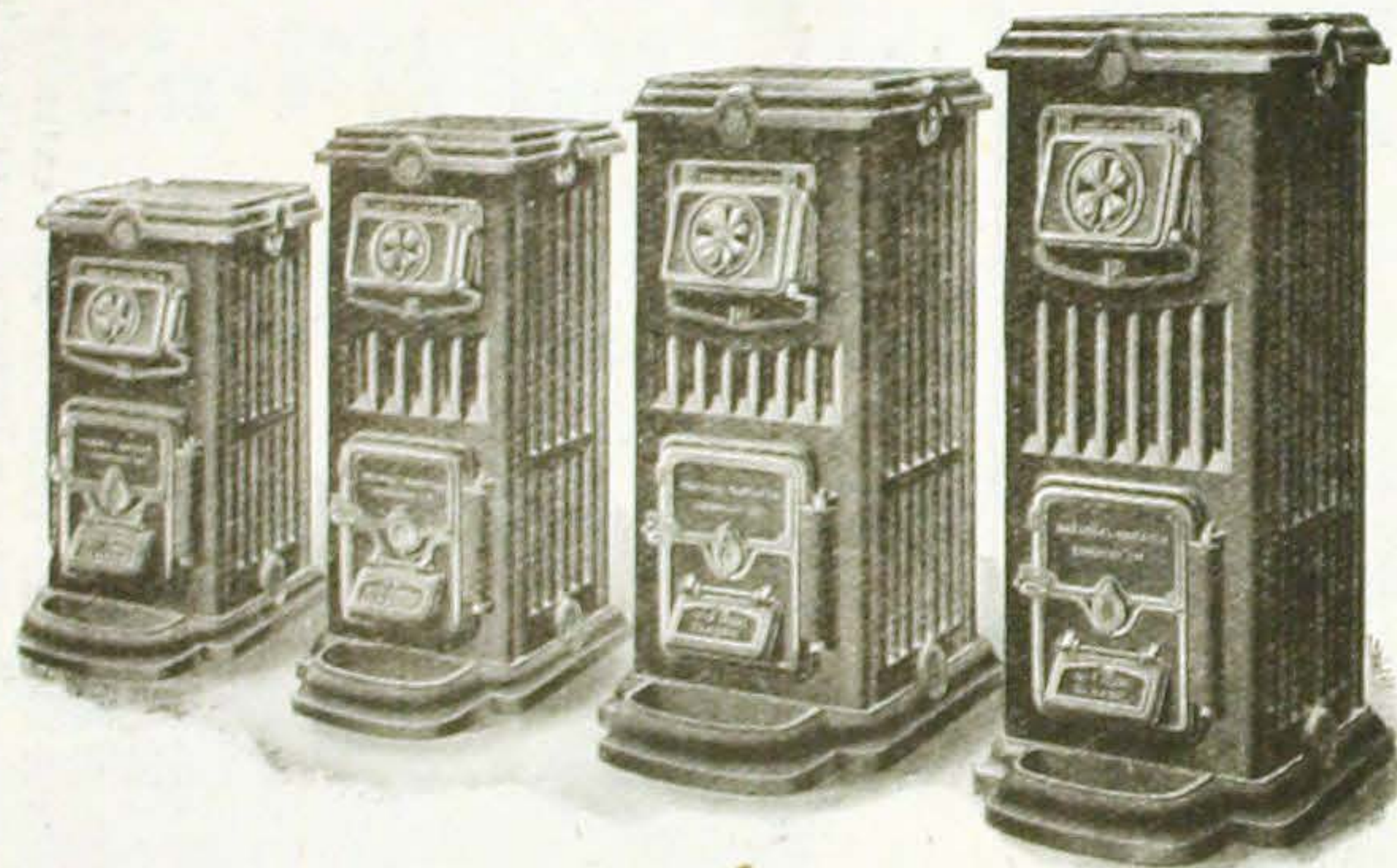
Modern Wall Radiators For Water or Steam.



No. PGO 4201 Two Section Radiator illustrated.

Number of Sections	32 inches High.			16 inches High.		
	* Length ins.	Heating Surface sq. ft.	Price each. £ s. d.	* Length ins.	Heating Surface sq. ft.	Price each. £ s. d.
1	10 1/2	6 1/2	0 15 6	10 1/2	3 1/4	0 7 9
2	21 1/2	13	1 11 1	21 1/2	6 1/2	0 15 6
3	31 1/2	19 1/2	2 6 7	31 1/2	9 3/4	1 3 4
4	42 1/2	26	3 2 1	42 1/2	13	1 11 1
5	53 1/2	32 1/2	3 17 8	53 1/2	16 1/4	1 18 10
6	63 3/4	39	4 13 3	63 3/4	19 1/2	2 6 8
7	74 1/2	45 1/2	5 8 8	74 1/2	22 3/4	2 14 4
8	85	52	6 4 3	85	26	3 2 1
9	95 1/2	58 1/2	6 19 9	95 1/2	29 1/4	3 10 0
10	106 1/2	65	7 15 4	106 1/2	32 1/2	3 17 8

*Add 1" for bushings and plugs. Width of section, 2 1/4".
Centre to centre of tappings, 32" height, 29 1/8"; 16" height, 13 1/8".



Size No. 1 No. 2 No. 3 No. 4

Modern Boilers For Hot Water Warming.

The type of Boiler shown above is both a Boiler and a Radiator, and being neat in appearance is suitable for fixing in Hall or Living Room.

No. PGS 4108 *Stocked only in Size No. 3

Prices and Capacities. No. PGS 4108

Size No.	Ratings.			Prices.	
	B.T.U. per hour.	Direct Radiation sq. ft.	External Surface B.T.U. per hour.	Boiler £ s. d.	Stoking Tools s. d.
1	22,000	150	3,300	5 6 0	2 9
2	28,000	200	3,600	6 10 6	2 9
3	46,200	320	4,700	8 17 6	2 9
4	57,200	400	5,000	10 7 6	2 9
5	88,000	600	6,000	16 2 6	10 6
6	114,400	800	7,000	20 17 6	10 6

Dimensions. No. PGS 4108.

Size No.	Height ins.	Width of Base ins.	Length of Base ins.	Diameter of Smoke Outlet ins.	Tappings: Flow and Return ins.
1	25 1/2	14 1/2	20 1/2	4 1/2	1-1 1/2
2	29 1/2	14 1/2	20 1/2	4 1/2	1-1 1/2
3	33 1/2	17 1/2	22 1/2	6	1-2
4	37 1/2	17 1/2	22 1/2	6	1-2
5	39 1/2	21 1/2	23 1/2	8	1-2 1/2
6	45 1/2	21 1/2	23 1/2	8	1-2 1/2

*4 1/2" x 6" Smokepipe Adapter for sizes 1-4" 2/-
Draw-off Cock 4/6

Grate Bars: Grill pattern unless rocking specified.
Stoking Tools and Draw-off Cock supplied unless otherwise ordered.
Unless otherwise ordered, these Boilers are supplied with smoke outlet at back.



Ladies can stoke these Boilers.

The "Beeston" Domestic Boiler

A "BEESTON" Domestic Boiler ensures a constant supply of hot water day and night, with one-third the consumption of fuel used by a Kitchen Range Boiler.

Domestic Hot Water Supply for Housing Schemes.
Two of our Robin Hood Boilers are working on a most successful domestic hot water supply for 90 houses.

The average temperature of the water at the taps is 150°, and the cost in fuel is 1/15d. per gallon. It is thus possible to provide a warm bath for 3d., and we believe this to be far lower than could possibly be obtained by, say, a Steam Boiler, Gas or Electricity.

The water is very soft and the Boilers are Bower-Barffed to prevent rusting.

Prices and Capacities. No. PGS 4109

Size.	Outside Measurements overall.			Diam. of Smoke Pipe. in.	Fuel Capacity cubic feet	Capacity—gallons per hour.			Price £ s. d.
	H. in.	W. in.	D. in.			60° to 100°	60° to 130°	60° to 212°	
OX	25 1/2	15 1/2	16 1/2	5	1.10	105	130	212	6 11 0
AX	30	18 1/2	16 1/2	5	1.14	133	108	35	8 12 0
CX	31	18	20 1/2	5	2.08	189	130	50	10 10 0
DX	36	20 1/2	20 1/2	5	2.39	227	130	60	13 10 0
EX	39 1/2	23 1/2	24	5	3.60	312	179	82	18 15 0

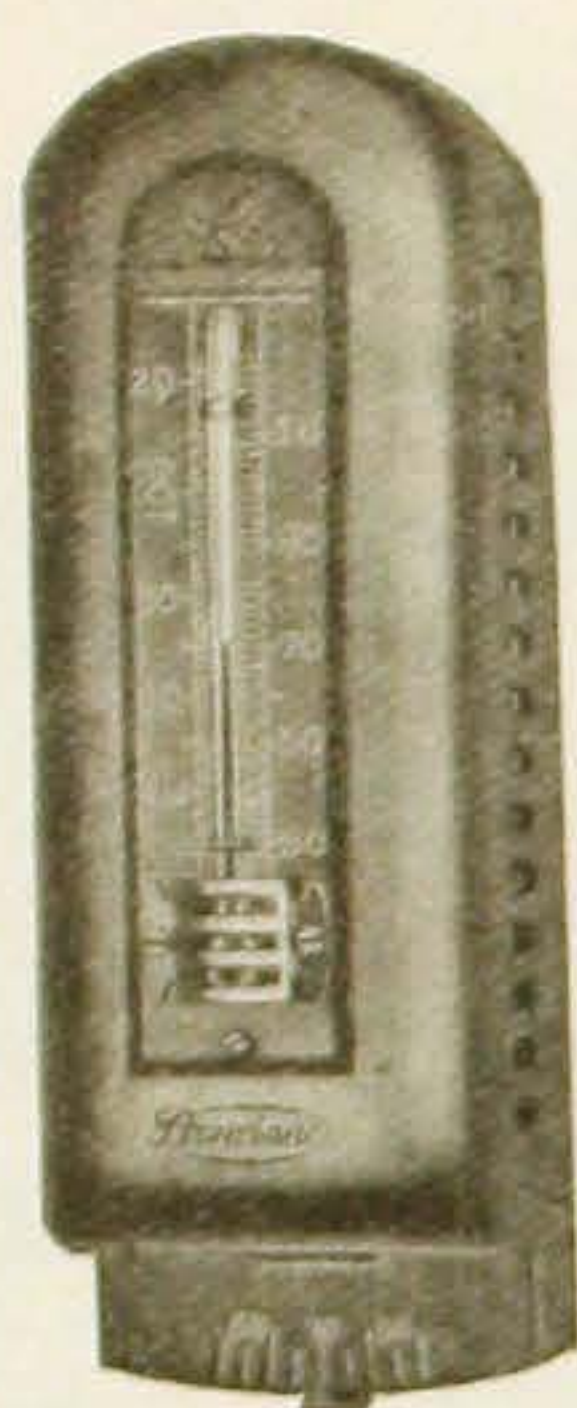


"BEESTON" BOILERS, No. PGS 4109

PGS—Stock Lines; PGO—To Order only.

All Prices on this Page are Strictly Nett.

The Parwinac Automatic Oil Burning Heater



THE THERMOSTAT

The movement of the lever obtains heating of a constant desired level of temperature.

Salient Facts about Oil Burning

IT IS THE CHEAPEST HEAT.

It is a proven fact that Central Heating costs less than any other form of heating. Central Heating with Oil-Burning is more economical than Central Heating with Coke-Burning.

IT IS A CLEAN HEAT.

Oil is entirely consumed. There is no residue, and smoke, soot, sparks and cinders are entirely eliminated from the chimney flue. In view of the Smoke Abatement Act, this is an important consideration for Factories.

Furthermore, as the Parwinac burns oil in suspension, the amount of soot or carbon deposited on the Fire-brick lining of the combustion chamber is negligible.

IT IS A SAFE HEAT.

Fire Underwriters state that perfected oil burners like the Parwinac are safer than any other form of heating. When you leave the house, or throughout the night, you can rest assured that the Parwinac will give you constant even heat in perfect safety, so that when you return or rise in the morning your house is warm and no early rising to stoke the fire is necessary.

IT IS A CONVENIENT HEAT.

The mere adjustment of the thermostat obtains the desired temperature of a building.

ATTENTION.

The only attention the Parwinac requires is that of keeping water in the boiler and oil in the tank. Its operation is mechanical and reliable, and, if for any reason there is no water in the boiler, a safety device automatically stops the Parwinac and prevents the firing of a dried boiler.

ODOUR.

There is no smell at all as a result of oil-burning.

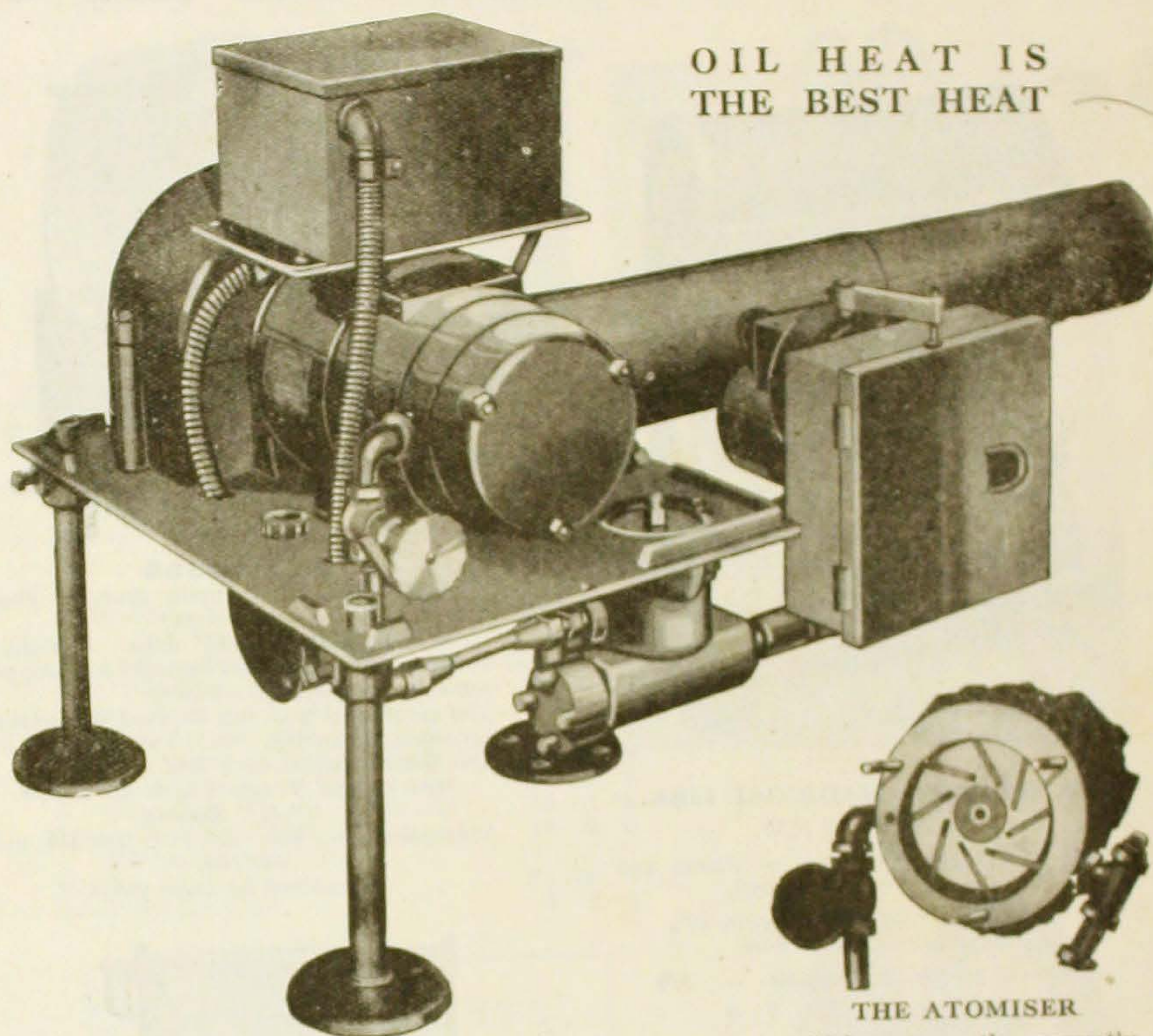
NOISE.

Noise, which makes crude oil burners impracticable for use in houses or public buildings, is reduced to a minimum.

FUEL.

The fuel used is semi-crude Diesel Oil, of .880 specific gravity, or Domestic Light Fuel Oil, easily procurable from any of the large oil distributors. The price varies according to quantity.

Demonstration Installations in—
BIRMINGHAM, LONDON, MANCHESTER
LEICESTER and EXETER.



**OIL HEAT IS
THE BEST HEAT**

THE ATOMISER

which secures the correctly balanced proportions of oil and air essential to efficient burning.

The Parwinac Automatic Oil-Burning Heater is an apparatus designed to burn Oil wherever coal or coke are now consumed in the existing boiler of any type of Heating Plant.

What the Parwinac Automatic Oil-Burning Heater does

It should be realised primarily that the Parwinac Oil-Burning Heater, by burning oil instead of coal in the furnaces of central heating installations, gives Heating Service which is absolutely automatic. The human element, which is so much a part of heating with coal, is reduced to a minimum. Moreover a control may be exercised over the heat given by the Parwinac method, which is quite impossible by other means. These two tremendous assets are guaranteed by a mechanism which is trouble-free, fool-proof and easy to understand.

The fuel is stored in a tank which may be installed overground or underground in the most convenient place. This fuel oil is carried mechanically from the main source of supply to the Heater. Here it is ignited, either electrically or by a gas jet which is in turn lit by a spark from an electric control motor which is in turn connected with an instrument called a thermostat, that may be fixed on the wall of the most convenient room in the building.

This thermostat is an instrument which has a thermometer that records the heat of a room and a lever that may be moved along a plate recording a wide range of temperature. The desired temperature of a room is secured by moving this lever to the desired temperature point on the plate, which is part of the whole instrument as shown in the illustration above. If the temperature desired is higher than that shown on the thermometer the action of moving the lever to the higher temperature sets in motion the control motor which secures the firing of the fuel oil and the consequent operation of the burner. As soon as the action of the burner has raised the heat of the room, in which the thermostat is fixed, to the desired level indicated by the pointer of the lever, the burner is automatically closed down. As soon as the temperature of the room declines two points the burner is once more automatically turned on again and the heat of the room restored to its desired level. Accordingly, an even temperature is achieved by this intermittent burning, such as is impossible in heating with coal.

Model.	CAPACITIES.			DIMENSIONS.			Weight	Motor h.p.	Average Consumption of Oil in gallons per hour.	Price.
	B.T.U'S.	Hot Water Radiation.	Steam Radiation.	Length	Height	Width				
G5	11,520-46,080	80'-320'	50'-200'	10"	11"	15"	45lb.	1/20	.104-.416	£55
H10	46,080-115,200	320'-800'	200'-500'	15"	12"	12"	100lb.	1/20	.416-1.04	£75
E20	115,200-230,400	800'-1,600'	500'-1,000'	17"	17"	12"	130lb.	1/10	1.04-1.874	£95
D30	230,400-576,000	1,600'-4,000'	1,000'-2,500'	22 1/2"	20"	13 1/2"	170lb.	1/6	1.874-4.998	£115
D40	576,000-921,600	4,000'-6,400'	2,500'-4,000'	22 1/2"	20"	13 1/2"	170lb.	1/3	4.998-7.913	£130
D50	921,600-1,843,000	6,400'-12,800'	4,000'-8,000'	24"	20"	15"	225lb.	1/2	7.913-15.826	£145

The above prices are for apparatus alone, the price of the fuel storage tanks and the cost of installation vary according to specified requirements.
The above dimensions do not include Draught Pipe and Legs.

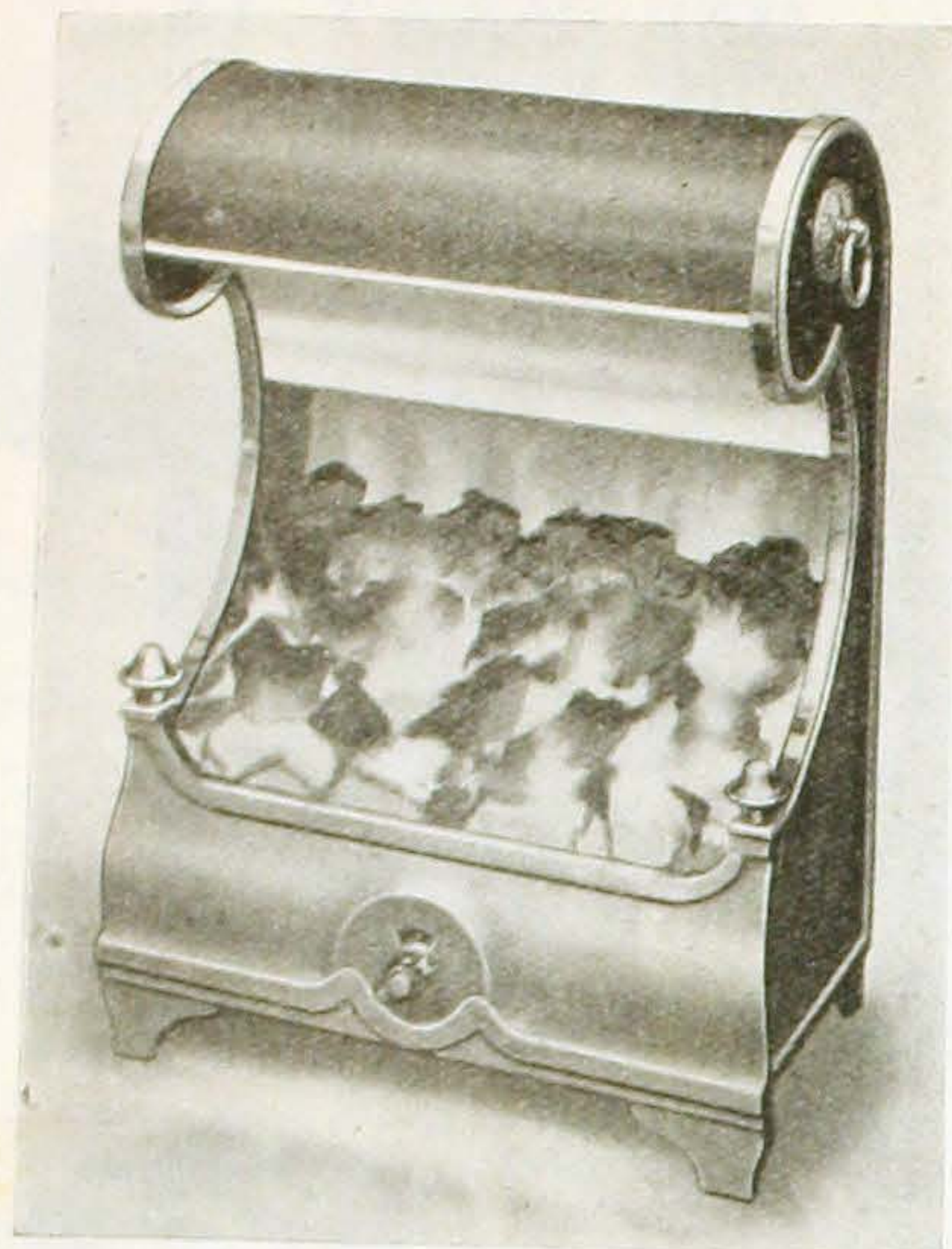
Manufactured especially for PARKER, WINDER & ACHURCH, Ltd., by the
NU-WAY CORPORATION, Rock Island, Ill., U.S.A.

Ask for fully descriptive Folder OB507.

Stocked in usual voltages.

"A" Basis.

Electric Fires and Cookers



No. PLS 5397 MAGICOAL FIRE.

2 K.W. and 3 K.W.

Gives a Realistic Imitation of Flame and Smoke. 3-way control.

Width 16½", height 23½" depth 10".
Supplied with 6' 0" Flex.

Element Spirals for renewals ... 3/6

Price, complete, £7 7 0
Prices Nett.



No. PLS 5400

THE

"BUNGALOW" ELECTRIC COOKER.

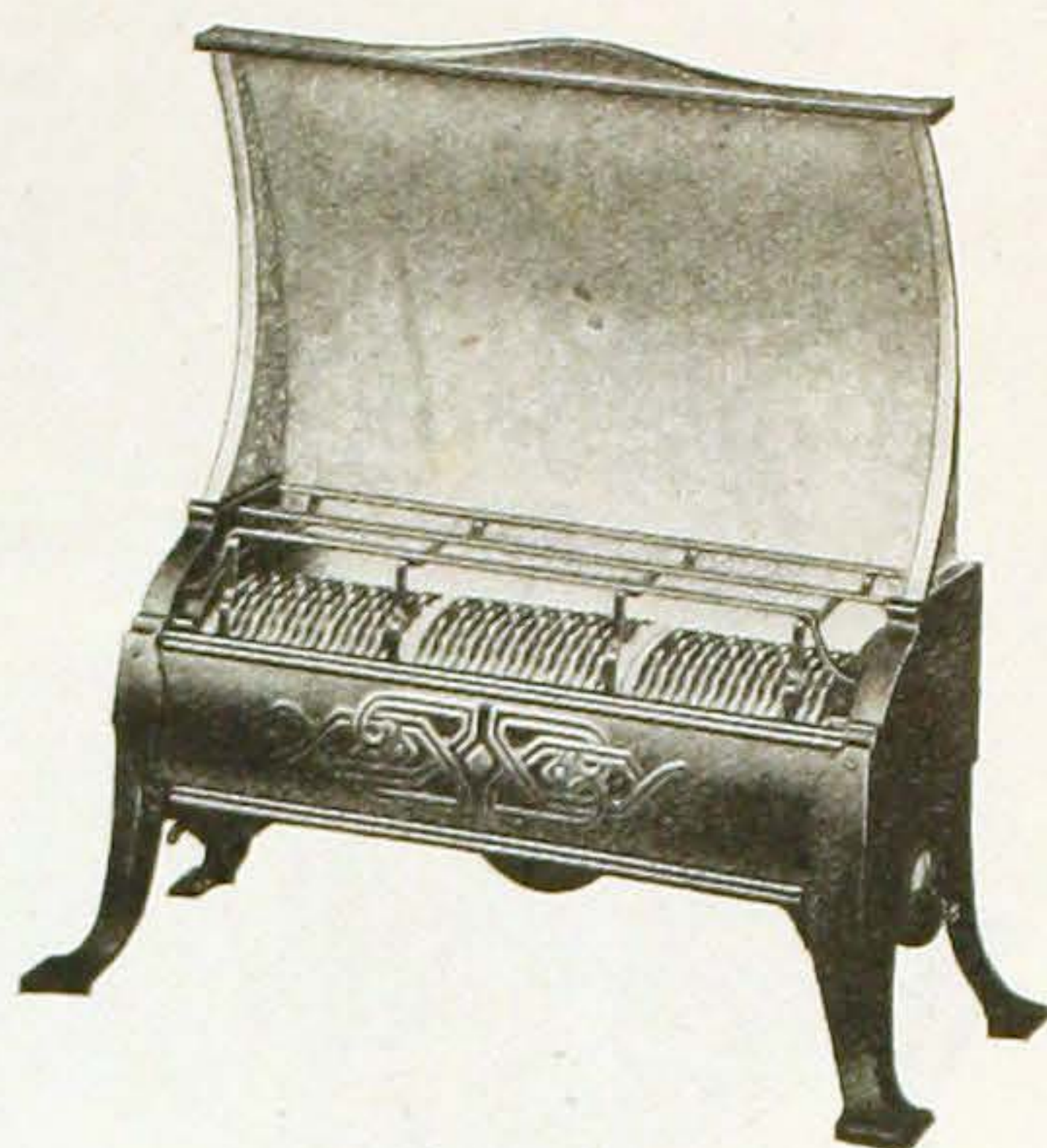
Suitable for a family of from 2 to 4 persons.
A small Cooker of sound construction which is meeting a very big demand.

SPECIFICATION.

Size.	Overall	Cooking Space.	Plate or Grill.
Width ...	15"	12½"	7½"
Depth ...	12"	10"	7½"
Height ...	18"	10"	—
Load in Watts, per hour ...	2500	1000	1500

Price, complete with oven drip pan, racks, etc.
£5 12 6 Nett.

Special Finishes.	Prices Nett.
White Enamelled Door ...	10/-
Thermometer ...	21/-
All Enamelled Interior ...	11/6
Iron Stand to support Cooker ...	16/6



No. PLS 5398

A dainty Fire built upon graceful lines.
Overall sizes:

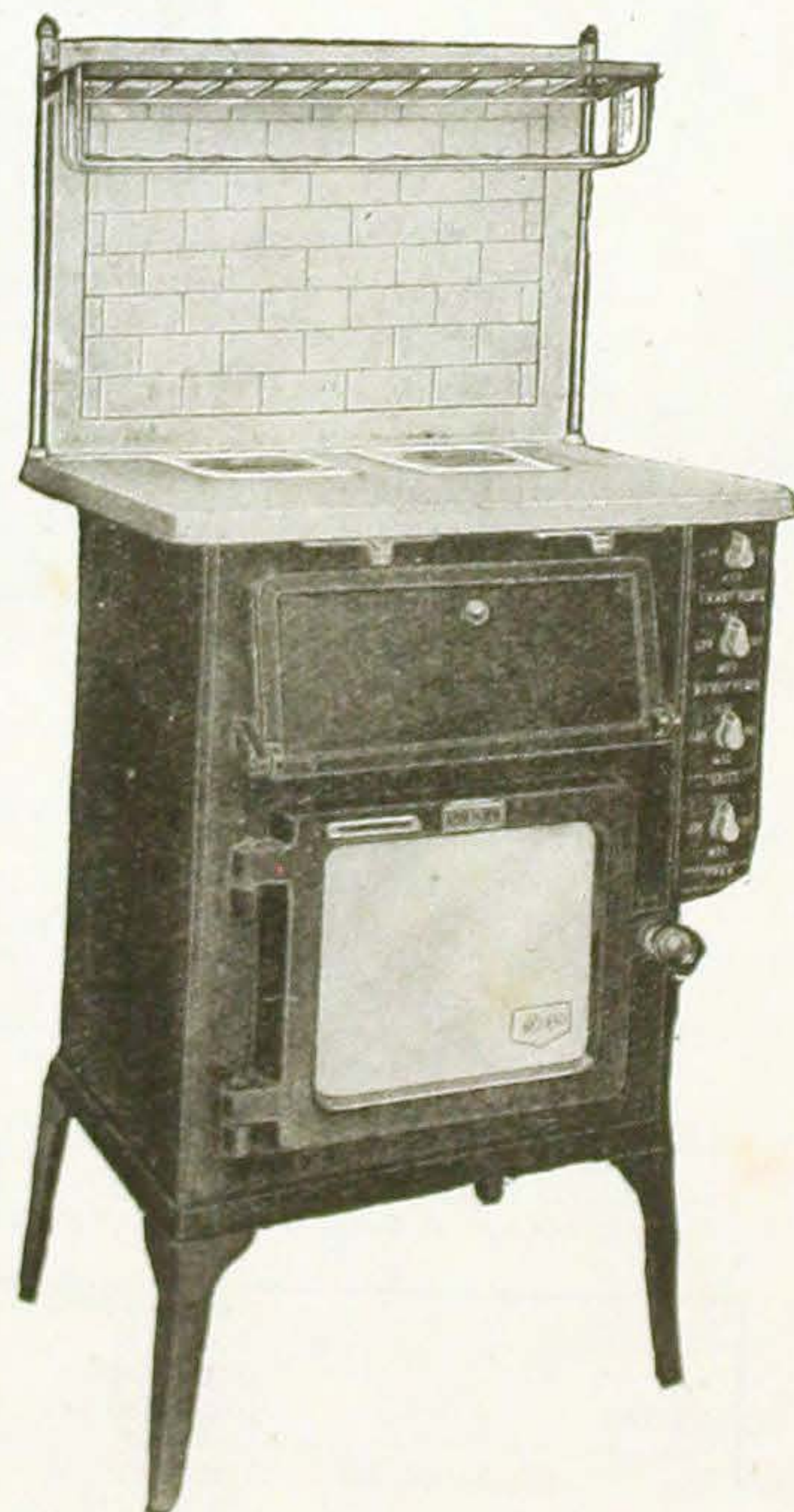
19½" high, 19½" wide, 8½" deep. 2½ units.
Frames of fine grain cast iron and solid copper reflectors with figured surface.

The stout steel grid can be used for kettles, saucepans, toasting, etc. Two yards suitable flex is fitted to each fire.

Rich Copper Bronze Finish £3 15 0
("A" Basis.)

Voltages: 100, 110, 200/210, 220/230 and 240/250.

Guaranteed for three years.



No. PLS 5401

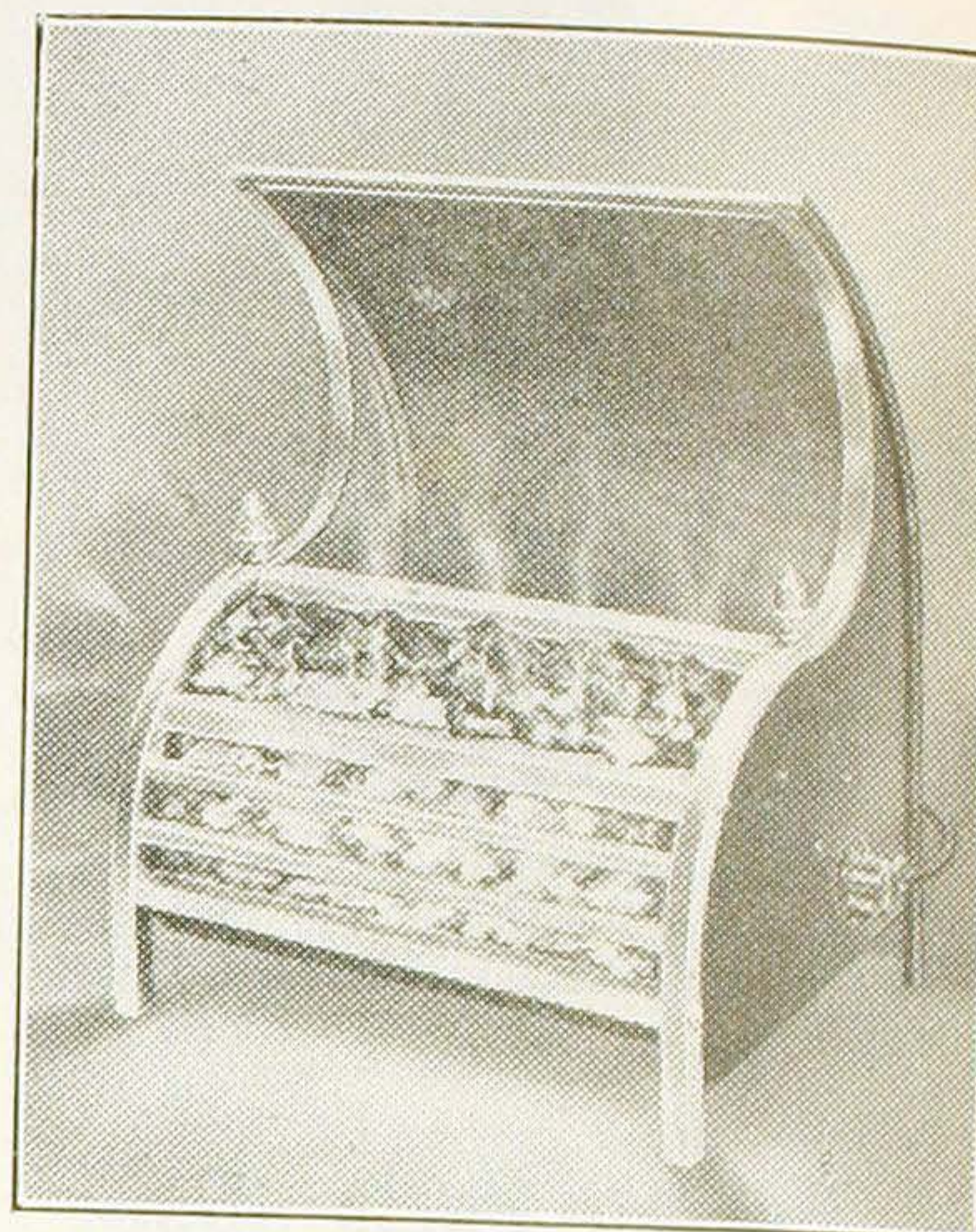
THE "FAMILY" ELECTRIC COOKER.

Suitable for a family of from 6 to 8 persons.
Price, complete with Grill Pan, two racks, oven drip pan, browning tray.

Strictly Nett Price, £17 0 0

Total loading—6,300 watts per hour.

Special Finishes:	Nett Price.
Nickel Plated Top ...	40/-
Plate Rack and Splash Plate ...	40/-
Thermometer ...	21/-
White Vitreous Enamelled Feet ...	9/- set.
White Vitreous Enamelled Grill Walls ...	15/-



No. PLS 5399 MAGICOAL FIRE.

Brass and Bright Rustless Finish.

Overall dimensions:

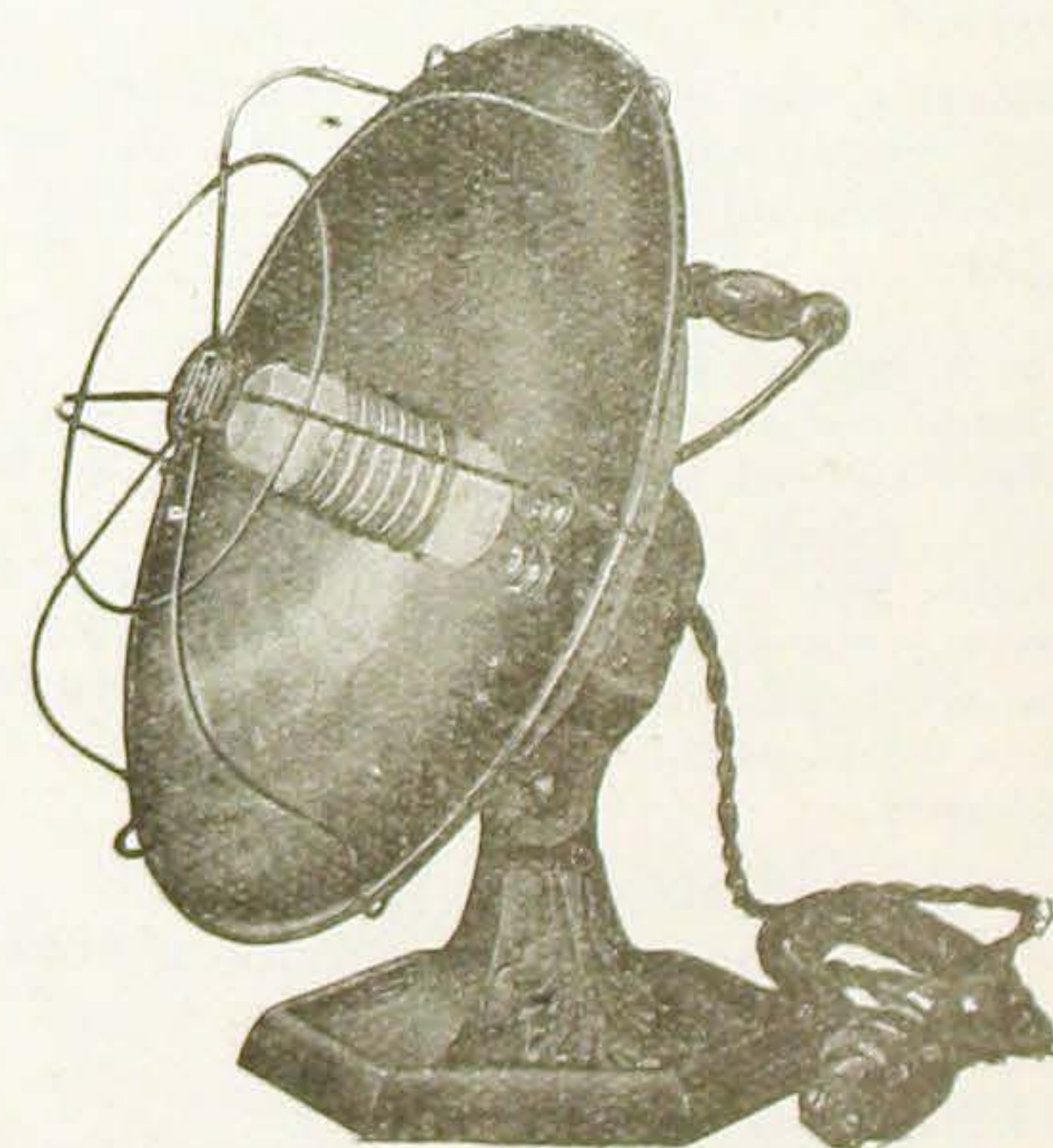
Width 15½", Height 20", Depth 12"

Supplied with 6' 0" of Flex.

Complete with 3 Units, Heating Capacity, 3-Way Control.

Price £7 7 0 Strictly Nett.

Detachable Heating Units can be had in any capacity for 600 watts to 1,500 watts; Price, complete with Connectors and Element spiral ... 17/6 each.



No. PLS 5402

ELECTRIC PEDESTAL HEATER.

Height 12", Dia. of Bowl, 11". 600 watts per hour.

This model, though low in price, possesses exceptionally fine heat radiating powers, and is a dependable portable heater for use in small spaces where local heating is required. The solid copper Bowl has the new figured surface, and it is mounted on a nicely designed cast base finished rich copper bronze. Complete with 3 yards flex and B.C. lamp adaptor.

Standard voltages:

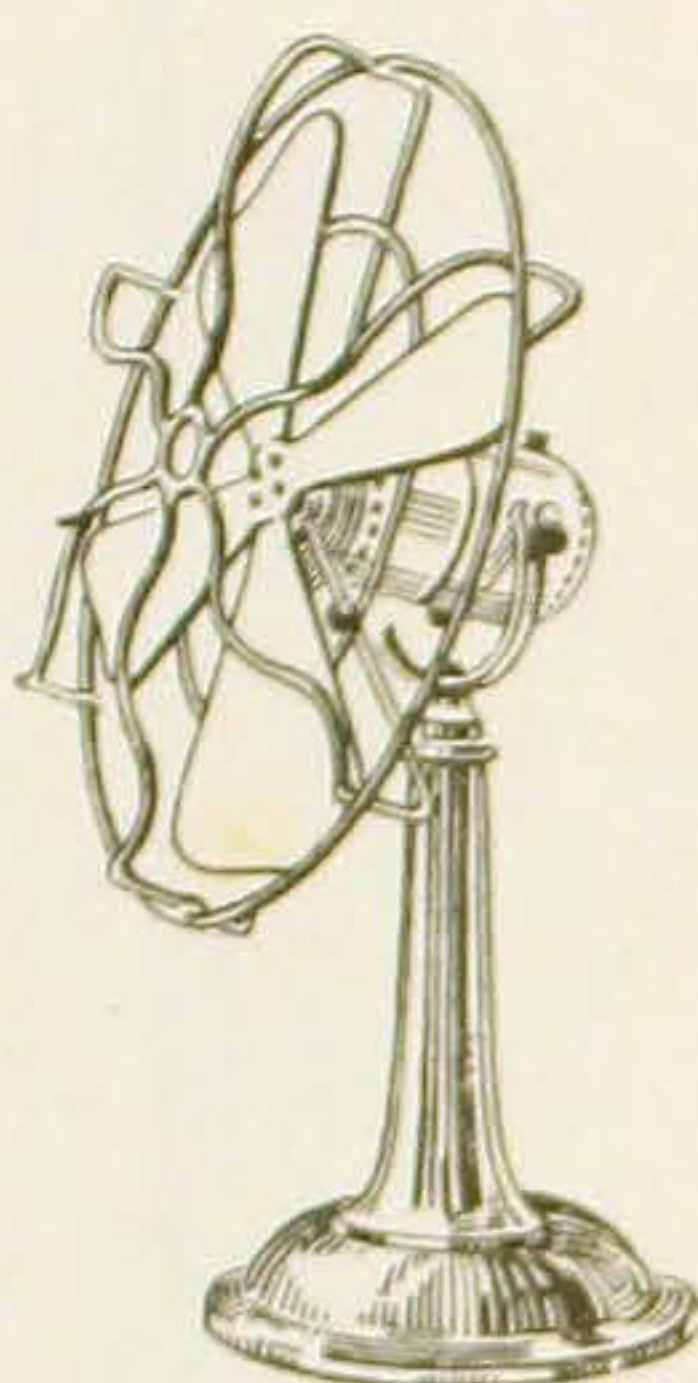
100, 110, 200/210, 220/230 and 240/250.

Price, complete 21/- ("A" Basis.)

Guaranteed for twelve months.

Please state voltage when ordering anything Electrical.

Wireless Sets, Electric Kettles, Irons and Fans



The "Acme" Electric Fan.

No. PLS 5403

This Fan is essential to all modern homes, offices and other places.

Made of heavy Brass highly Nickel Plated.

Nett Price, 37/6



Electric Kettle. No. PLS 5405

Accident-proof Type. Cannot be damaged by boiling dry.

These Kettles are fitted with a Patent Safety Device which automatically breaks the electrical circuit if allowed to boil dry. The circuit can be completed again by simply fitting a new sleeve nut (price 9d.)—a spare one is supplied free with each kettle—and the kettle is ready for use again. On this account they offer considerable advantages over the ordinary kettles, also they are so substantially constructed of Solid Copper that they are practically everlasting.

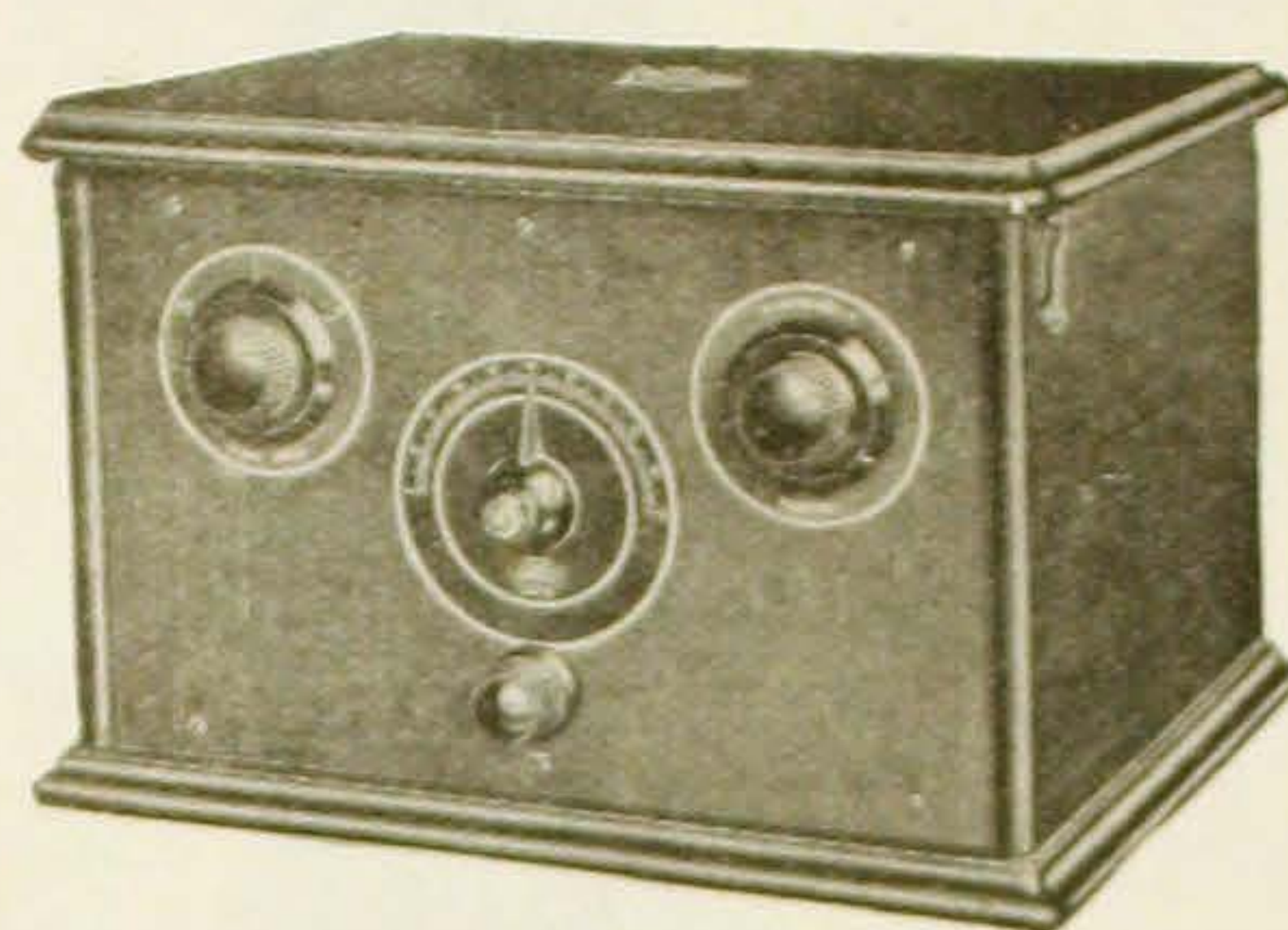
Pints.	Consumes Watts per hour.	Finish.	Accident-Proof.	Plain without Accident-Proof Device.
			Price.	Price.
1½	500	N.P.	£1 10 0	£1 5 0
1½	500	Copper	1 7 6	1 2 6
2	650	N.P.	*1 12 6	*1 7 6
2	650	Copper	1 10 6	1 5 0
3	800	N.P.	2 2 6	1 17 6
3	800	Copper	2 0 0	1 15 0

*This Model is fitted with Metal Feet not China, as illustrated.

The 1½ and 2 pint sizes are fitted with 2 yards flex and adaptor but 3 pints size is supplied with 2 yards flex only, no adaptor.

Standard Voltages: 100/110, 200/220, and 230/250.

Guaranteed for Twelve Months.



No. PLS 5407

Marconiphone Model 22 Two-Valve Receiver
(with Coil Unit for Broadcast Wavelengths,
250-500 metres) £6 10 0
Royalty extra (nett) 1 5 0

All Prices Nett.

£7 15 0

Fully descriptive list on application.

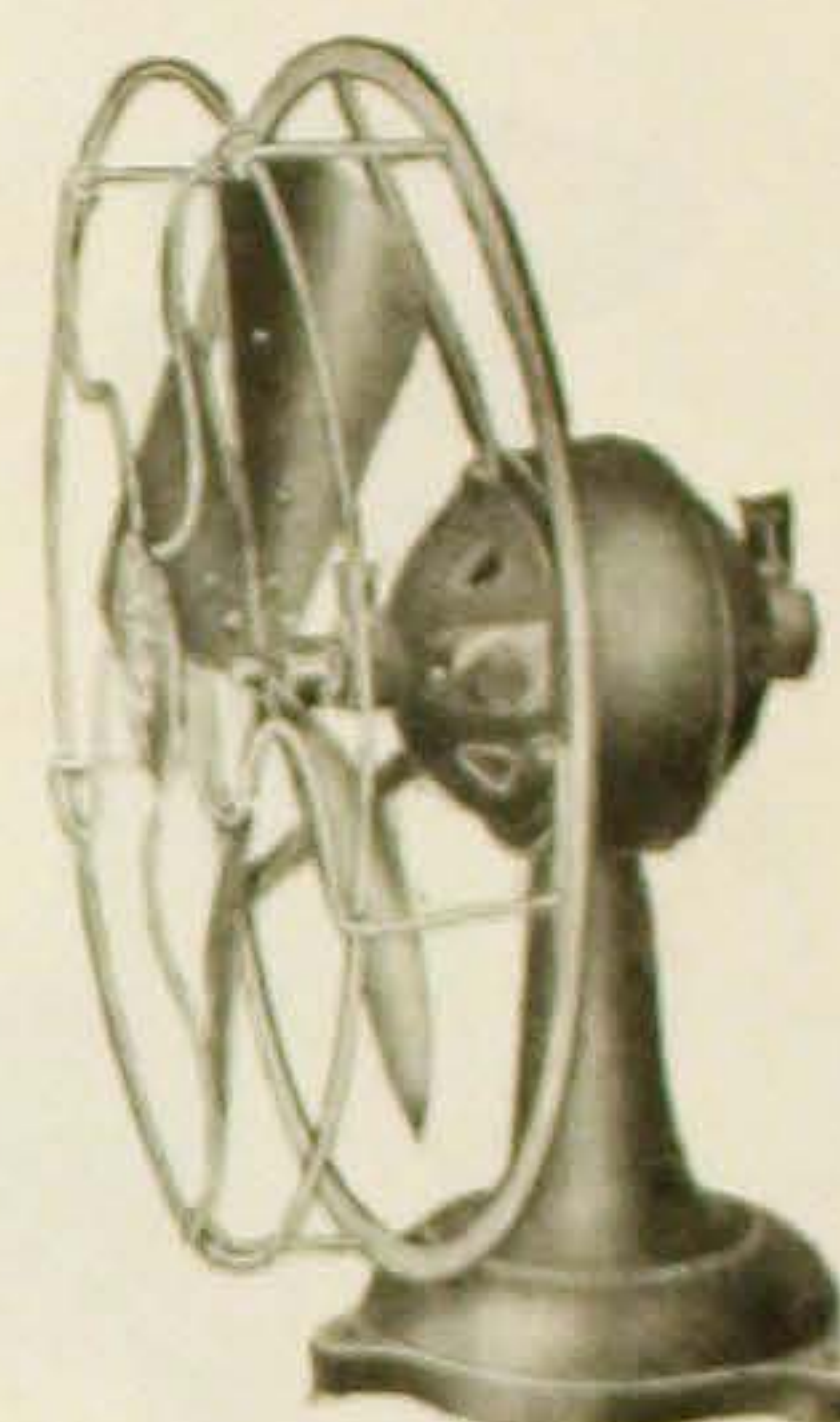
N.B.—This Set may also be supplied with Daventry
Coil Unit (1,000-2,000 metres) at same price.

The following complete equipments (Receiver,
Valves, Leads, Royalties paid) are available:—

1. With 2-volt Battery equipment £11 7 0
2. With 4-volt Battery equipment 12 0 6
3. With 6-volt Battery equipment 13 18 0
4. With all D.C. Mains equipment 15 15 6
5. With all A.C. Mains equipment 19 8 0

Extras, if required:—

- Pedestal Base, extra £1 10 0
Loud Speaker Lead 0 3 6



No. PLS 5404

Electric Desk Fan.

Diameter of blades, 10" Light pattern,
fixed body. Speed 1,500 r.p.m.

Consumption 25/30 watts per hour.

Price ... 53/-

SEPARATE LISTS.

Loose Folders, Pamphlets, and Lists
are issued for Wireless Sets and
Apparatus, Electrical Fans and
Domestic Utensils. Send a P.C.
request for those in which you are
interested.

ELECTRICAL
CONTRACTING

WIRING - INSTALLATION
COMPLETE PLANTS, &c.

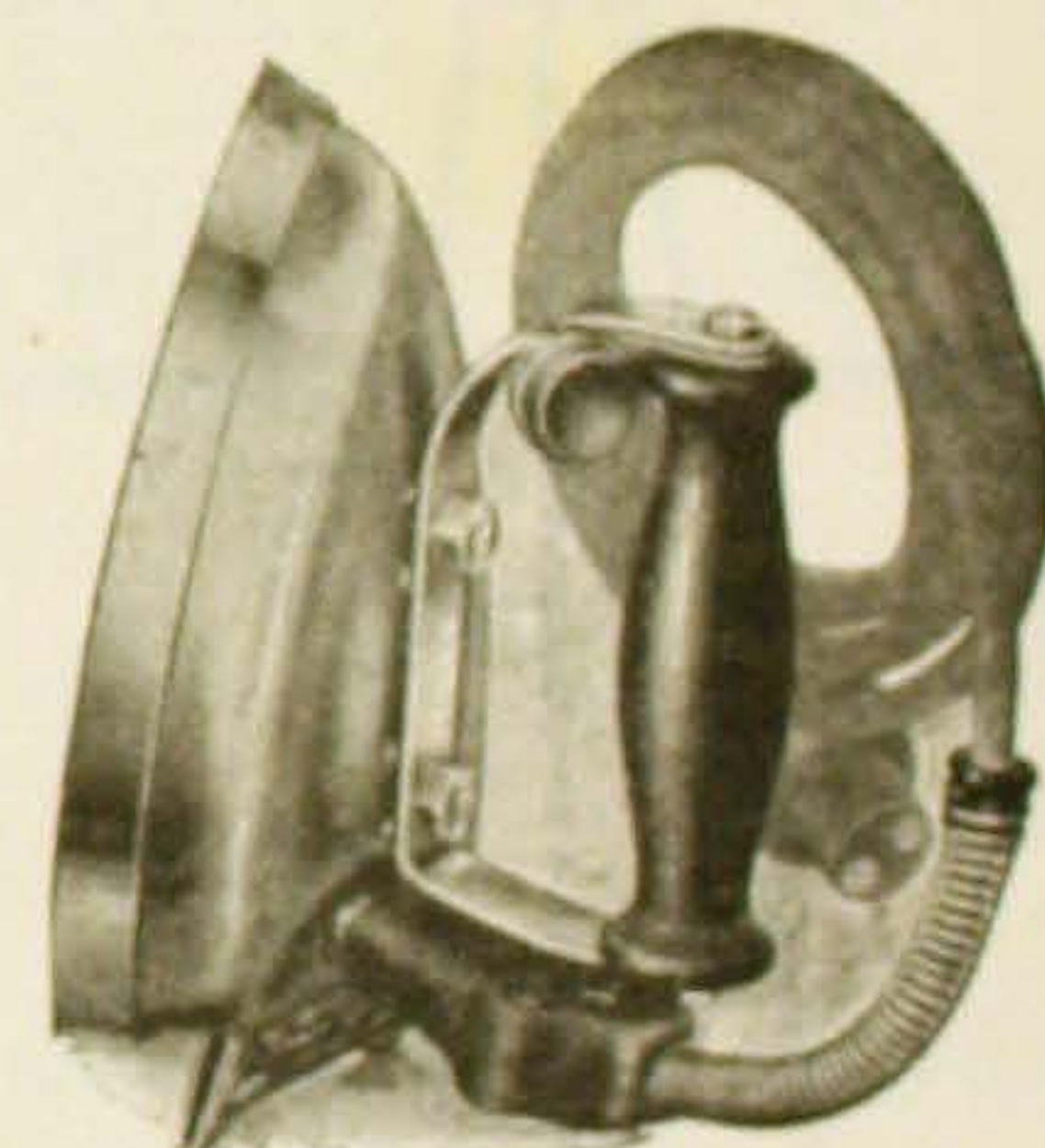
P.W.A. undertake Electrical Con-
tracting with a due sense of respon-
sibility.

Their aim has always been satis-
faction to the patron, and this policy
has been their guiding principle for
nearly ninety years.

Estimates submitted by them are
based on supplying only superior
quality wiring and fittings. Owing
to their wide experience waste is
eliminated and they may be depended
upon to quote the lowest possible
figure for a really trustworthy and
efficient installation.

They are prepared to advise and submit
detailed specifications entirely without
obligation.

Why not secure all the advantages
offered by electricity and ask them
to quote NOW.



No. PLS 5406 Electric Iron.

Heavy Nickel Plated and Superbly
Finished.

This iron is so beautifully designed that it
makes ironing a pleasure, and the scientific
yet simple construction makes low current
consumption practicable; further, it ensures
that the utmost heat value is obtained from
the electricity consumed.

Supplied ready for use, complete with patent
cord grip connector, 2 yards strong round
section flex, lamp adaptor, and thumb rest.

Extra Flex, 1/- per yard.

Spare Elements, 6/6 each, all sizes.

Stocked for Voltages: 100/110, 200/220,
230/250

Weight 4 lbs. 300 watts per hour.

Price, complete ... 16/6

Guaranteed for five years.

STATE VOLTAGE WHEN ORDERING
ANYTHING ELECTRICAL.

Electric Light Fittings



No. PLS 5382

White Enamelled Enclosed Ceiling Fitting.

Suitable for kitchens, bathrooms, etc. or in **Bronze Colour** for halls, porches, etc. Complete with Opal Globe.

8" diam. 6/6 each.

("C" Basis.)



No. PLS 5383

The "CRESCENT" Bowl Fitting.

There are no mouldings or angles on the lower surface to cause dark bands on the glass when lit. The Glass gives a moon-like effect—evenly illuminated and restful to the eyes.

The Brass Gallery is designed to afford good ventilation without allowing dust to enter.

The absorption of light by the glass is only 12.5%

Prices :

Diam.	...	12"	14"	16"
Lamps (Watts)	100-150	200-300	300	
Oxydized Brass	32/6	37/-	41/-	

Prices include Perloid Glass Bowl, Lampholders and wiring. Length overall 3' 6".

("B" Basis.)

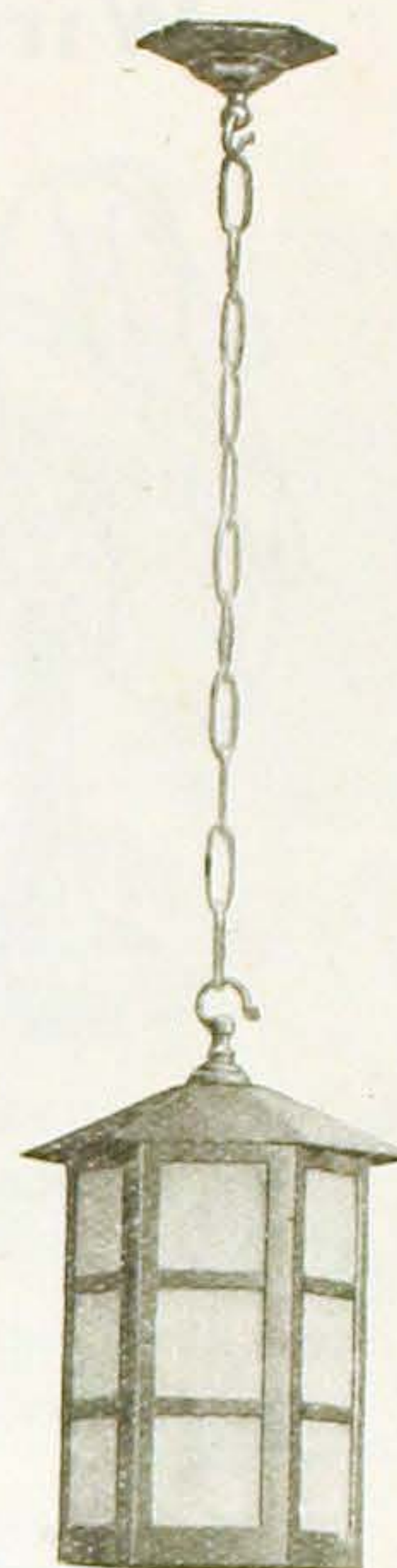
LAMPS.—Any make of Lamp can be supplied. Please state voltage and watts required. As an example: Phillips' Vacuum,

110 volts, 60 watts, cost 2/2 each.

220 " 60 " 2/6 "

(Prices Nett).

PLEASE STATE VOLTAGE WHEN ORDERING ANYTHING ELECTRICAL.



No. PLS 5386
Hall Lantern.

1-Light.

Length 3' 6"

Lantern 7 1/4" diam.

With obscured panes.

In Oxidized Brass wired with Lamp-holder, 21/-

("B" Basis.)



No. PLS 5384 1-Light.

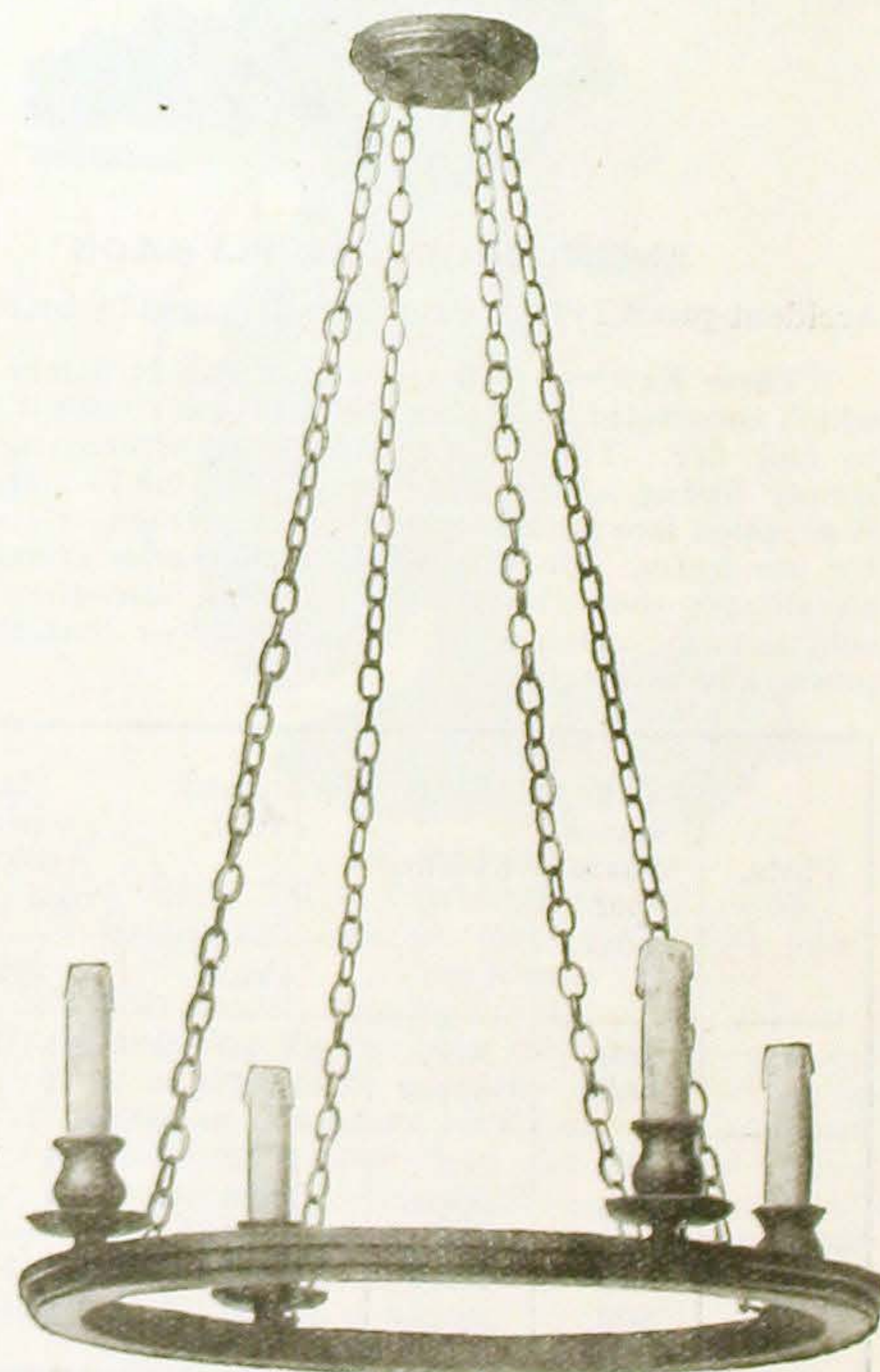
Hexagon Fitting, complete with Wood Ceiling Plate, Wood Bead Chains, wiring and Lamp holder. Size: 17" across corners.

Oak. Mahogany.

With Fringed Silk Flounce 67/- 78/6

Made as a 3-Light Rise and Fall, 19/6 extra.

("A" Basis.)



No. PLS 5385

4-Light Candle Fitting, complete with Candles which take miniature Lampholders.

Oxidized Copper Chains, wiring and Lampholders included.

Size 18" Diam.

Oak. Mahogany.

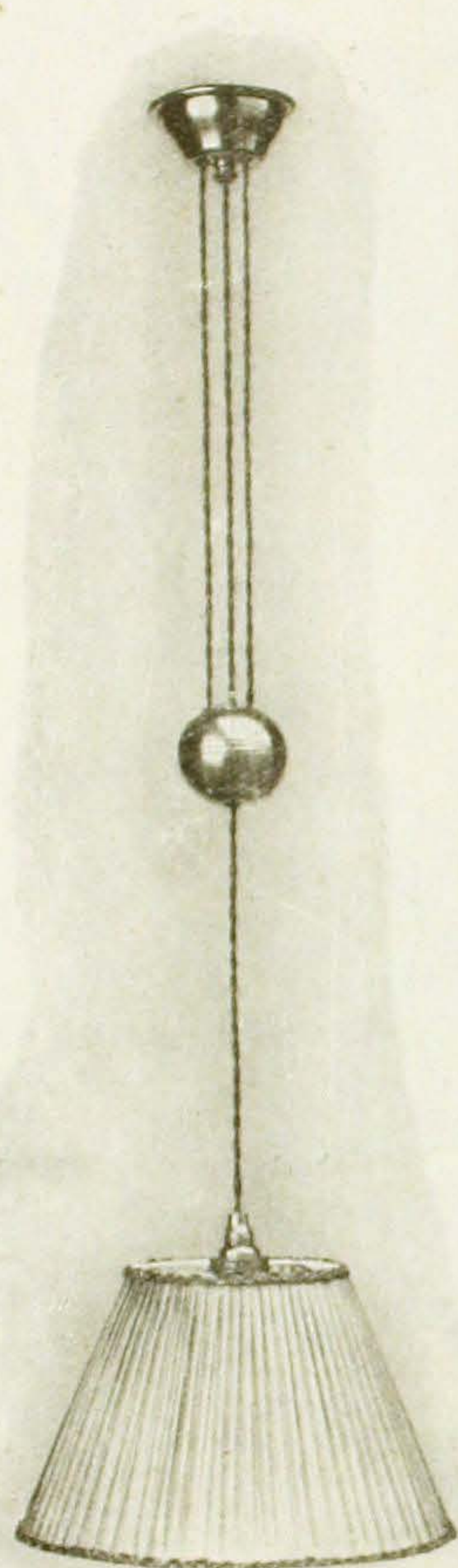
Price ... 82/- 107/-

("A" Basis.)

Basis as indicated above.

All PLS—Stock Lines.

Electric Light Fittings



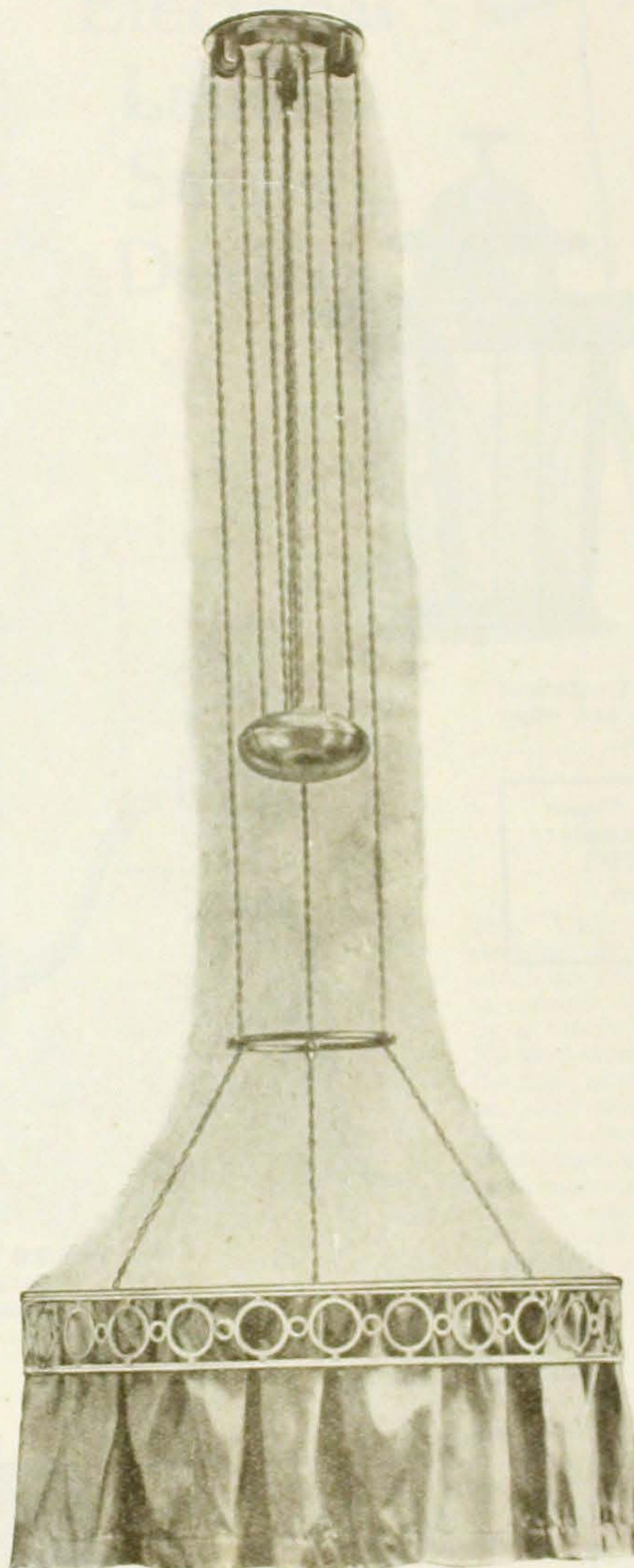
No. PLS 5377

1-Light Rise and Fall Pendant.

Diameter 9" in widest part.

Price in Antique Brass complete with Holders and wiring, 11/6

Artistic Shades from 7/6

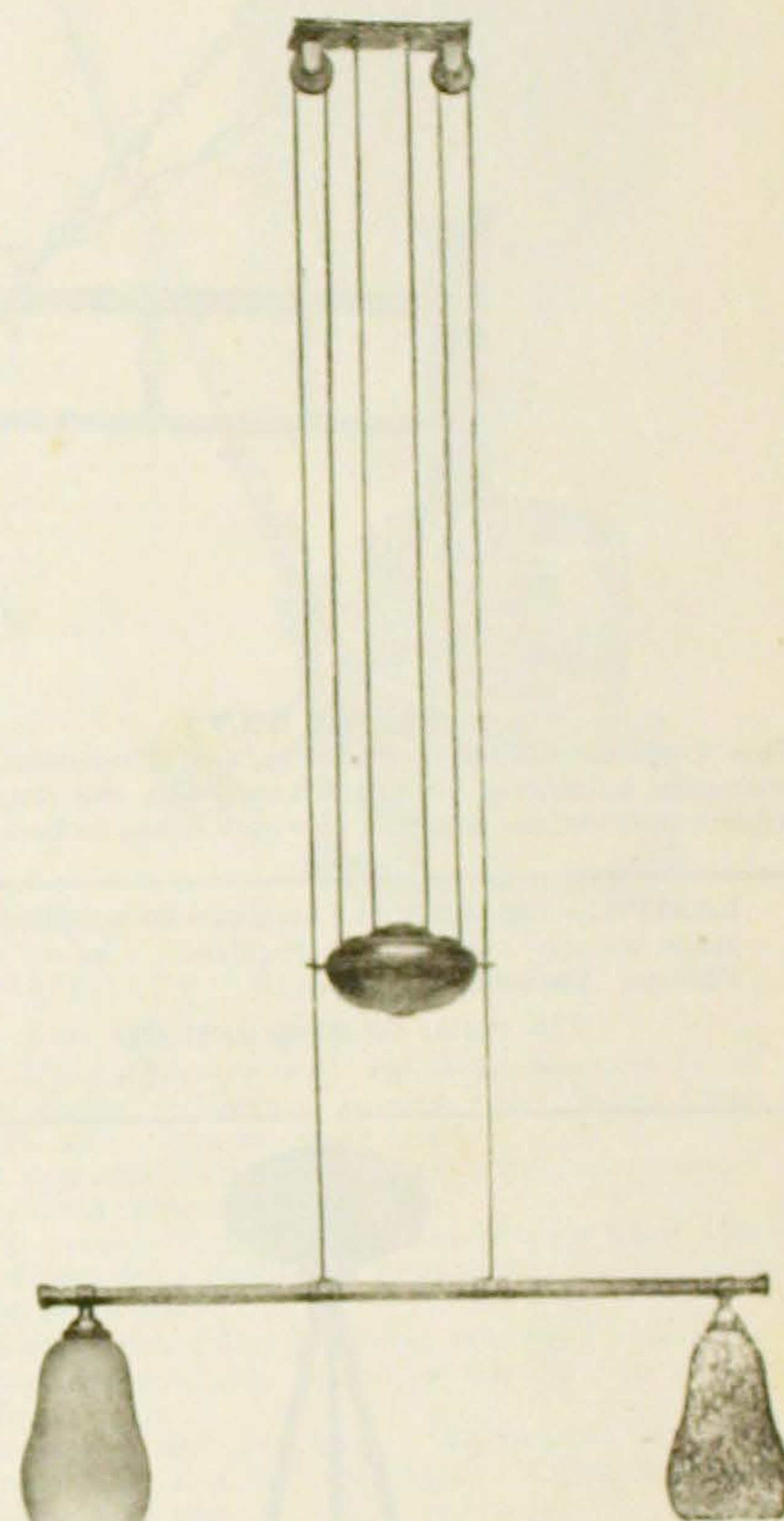


No. PLS 5378

3-Light Counterweight Dining Room Pendant.

Diameter 18".

Price in Antique Brass, complete with Holders, wiring and Silk Flounce, 75/-



No. PLS 5379

2-Light Rise and Fall Bedroom Pendant.

Width 16".

Price in Antique Brass, complete with Holders and wiring, 39/6

Glass Globes from 1/6

LAMPS. Any make of Lamps can be supplied. Please state voltage and number of watts required. As an example: Phillip's Vacuum filled—

110 volts, 60 watts cost 2/2 each, Nett.

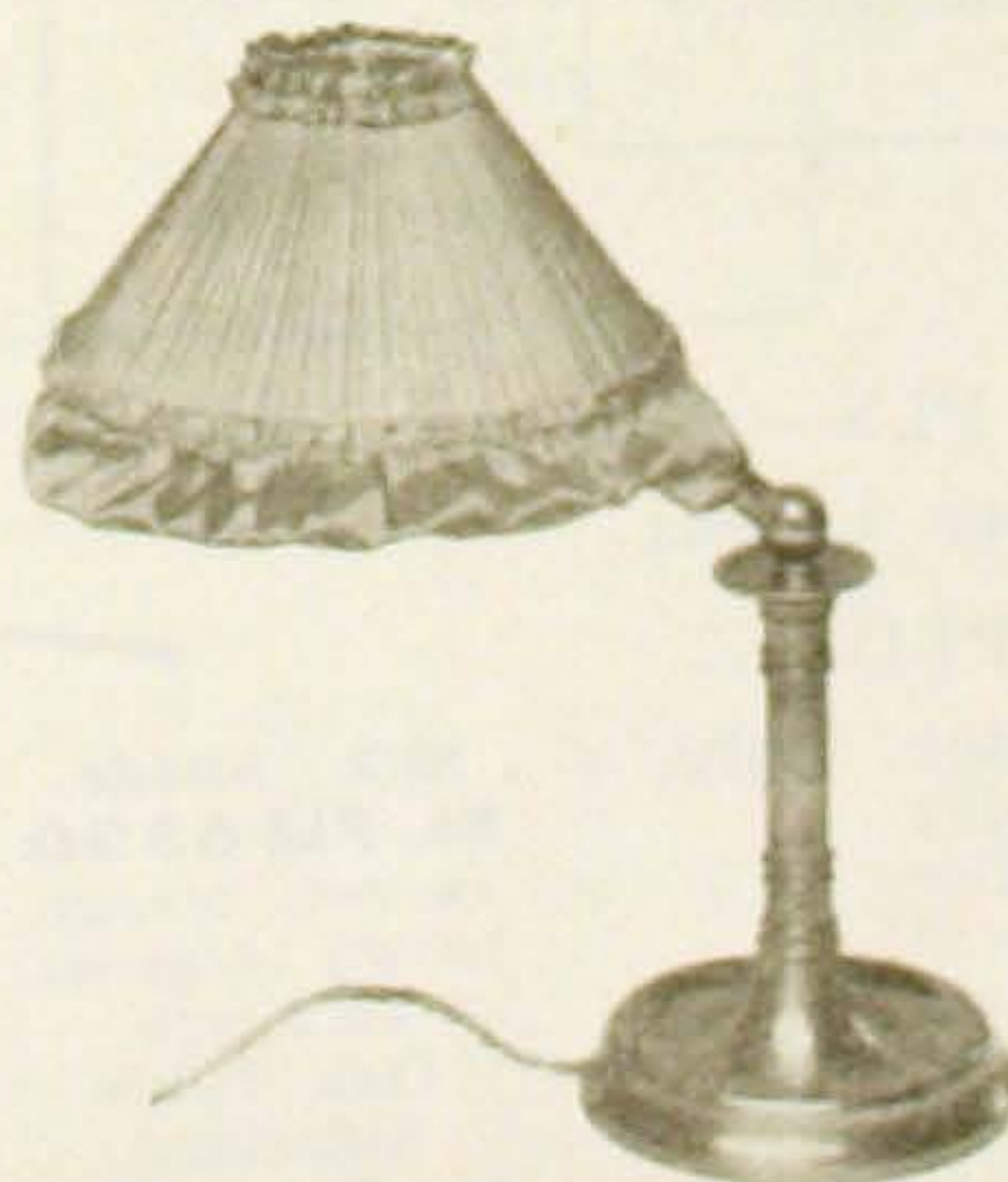
220 volts, 60 watts cost 2/6 each, Nett.

The "Limpet" Lamp.

No. PLS 5380

This useful Lamp will stand on a table, hang on a wall or clip to a chair or bed.

Overall measurements 15½".

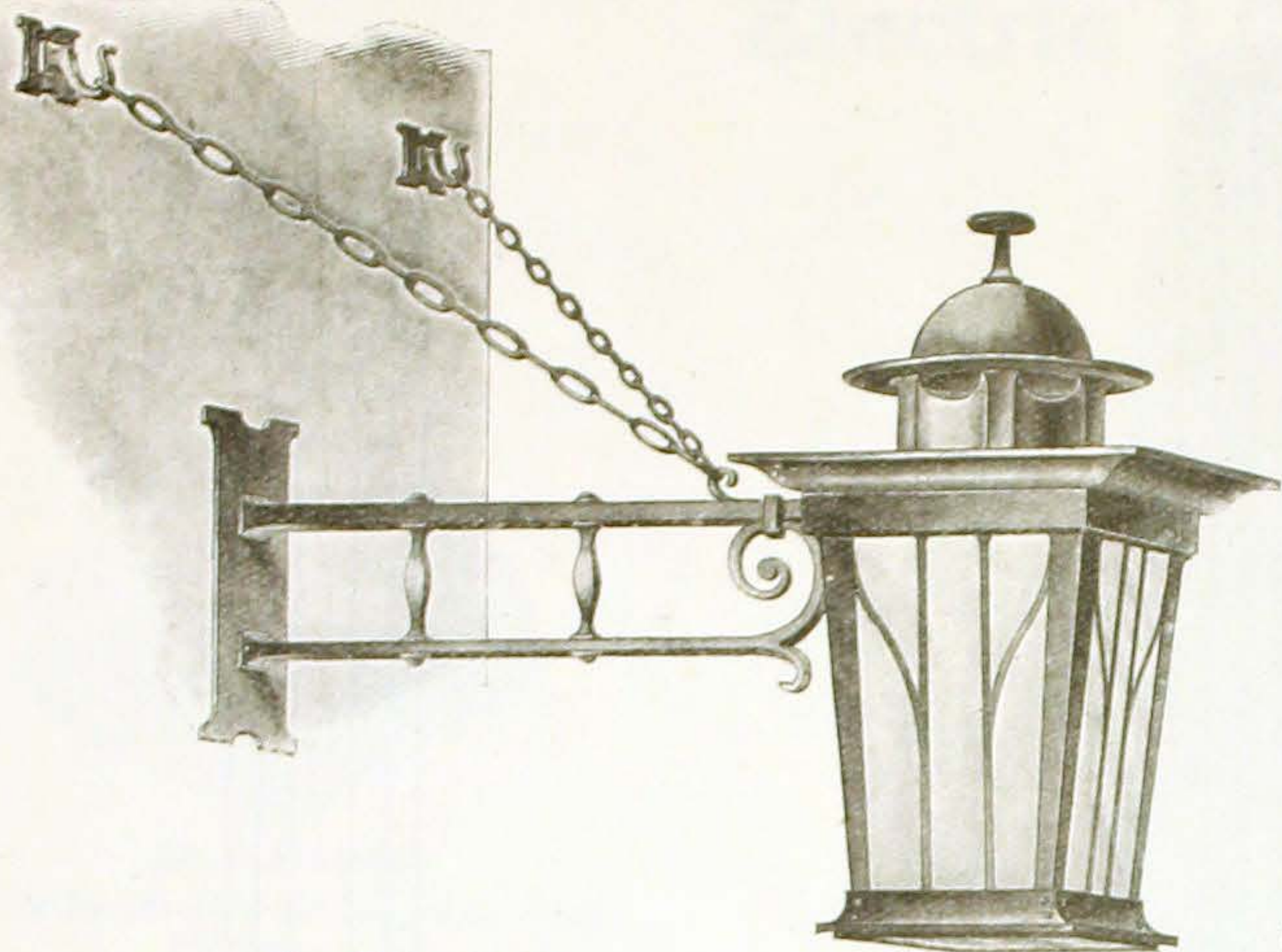


The "Limpet" Lamp has a movable top, so that the Light may be thrown in any direction.

Price, in Antique Brass, complete with Holders, wiring and Silk Shade 30/-

Please state Voltage when ordering anything electrical.

Electric Light Fittings



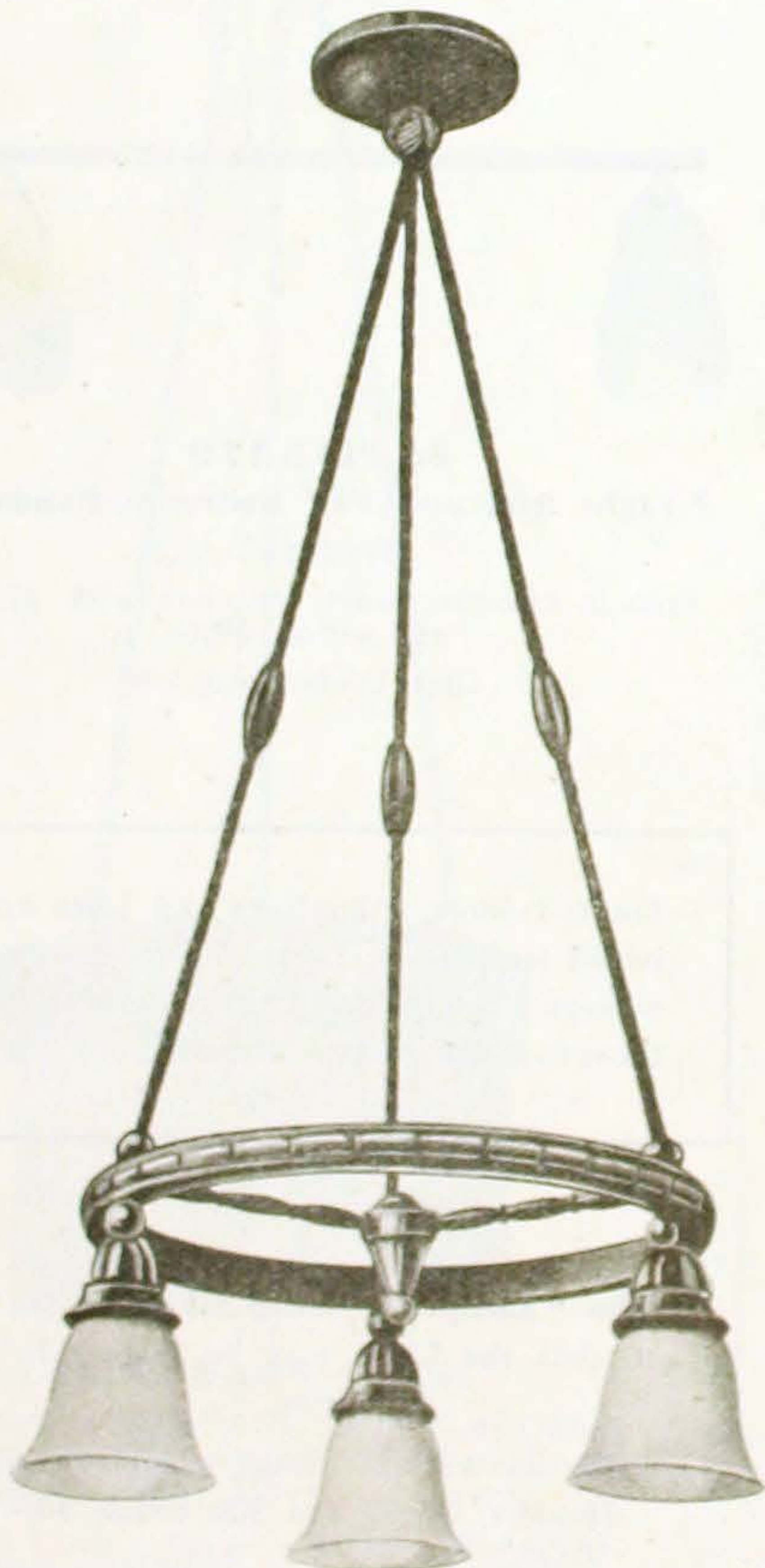
No. PLO 5371

This Outdoor fitting is made to any dimension. Quotations promptly submitted in accordance with the detail and other requirements of the position in which it has to be fixed.

LAMPS.—Any make of Lamp can be supplied. Please state voltage and Watts required. As an example: Phillips' Vacuum,

110 volts, 60 watts cost 2/2 each, nett.

220 " 60 " " 2/6 " "

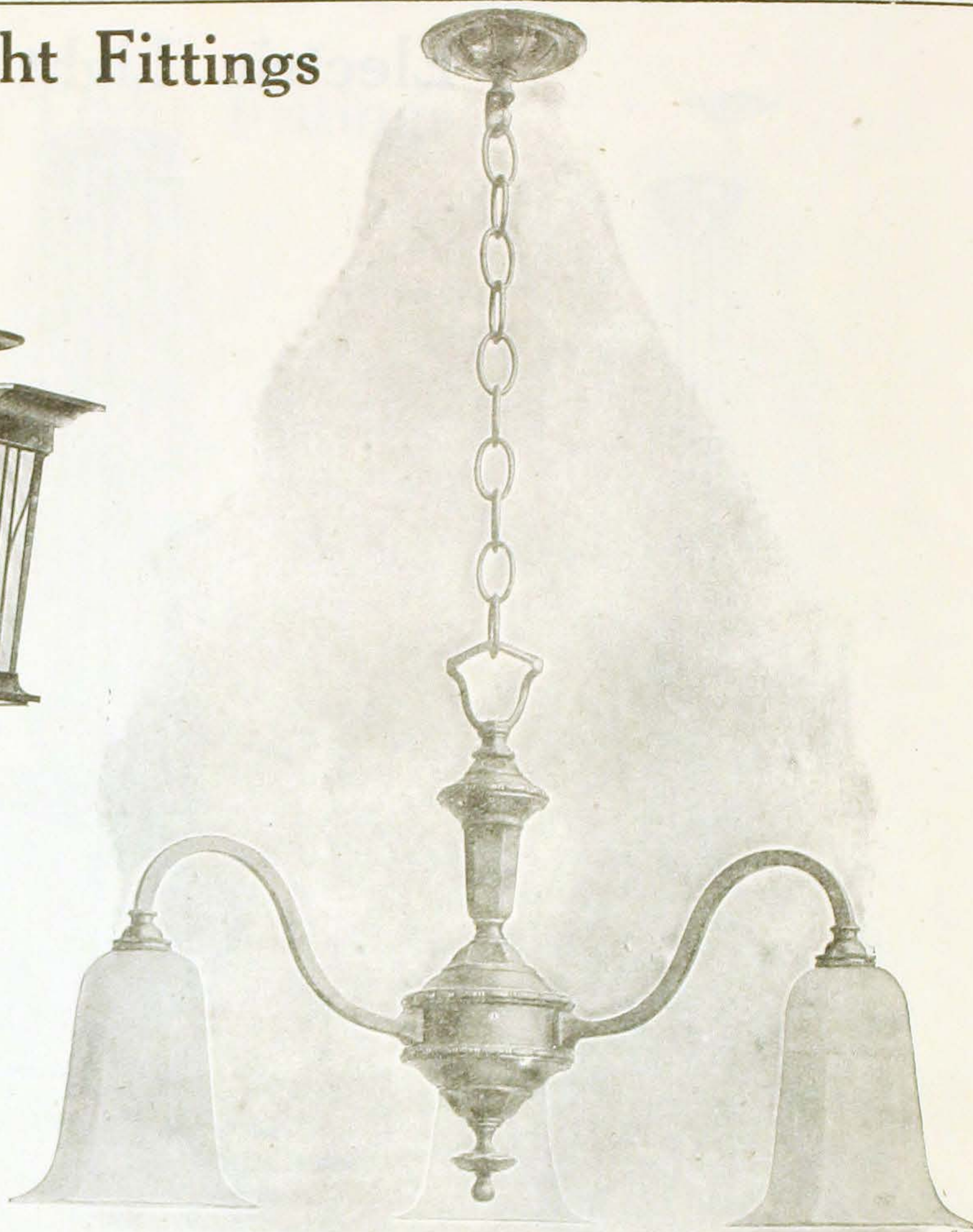


No. PLS 5322

3-Light Oak Fitting.

Diameter 16". Price, complete with Glass Shades and Holders ... 63/- each. ("C" Basis.)

Basis as indicated above.



No. PLS 7675 3-Light ELECTROLIER.

Diameter of Lights, 18".

In Polished or Antique Brass ... 45/- each.
Flint Satined Glass Shades as illustrated, 4/6 each.
("A" Basis.)

Please
state
Voltage
when
ordering
anything
Electrical.

PLS—
Stock Lines;
PLO—
Order only.



No. PLS 5390

Silk Shade.
In red, orange,
brown or green.
10/2 each.

No. PLS 5373

Oak Table
Standard.
With Lamp Holder,
Plug and Flex.
8", 8/6; 10" 10/-;
11½" 10/9 each.

No. PLS 5374

Oak Table
Standard.
With Lamp Holder,
Plug and Flex.
11½" 10/-;
12½" 10/9

No. PLS 5391

Silk Shade.
In red, orange,
brown or green,
8/3 each.

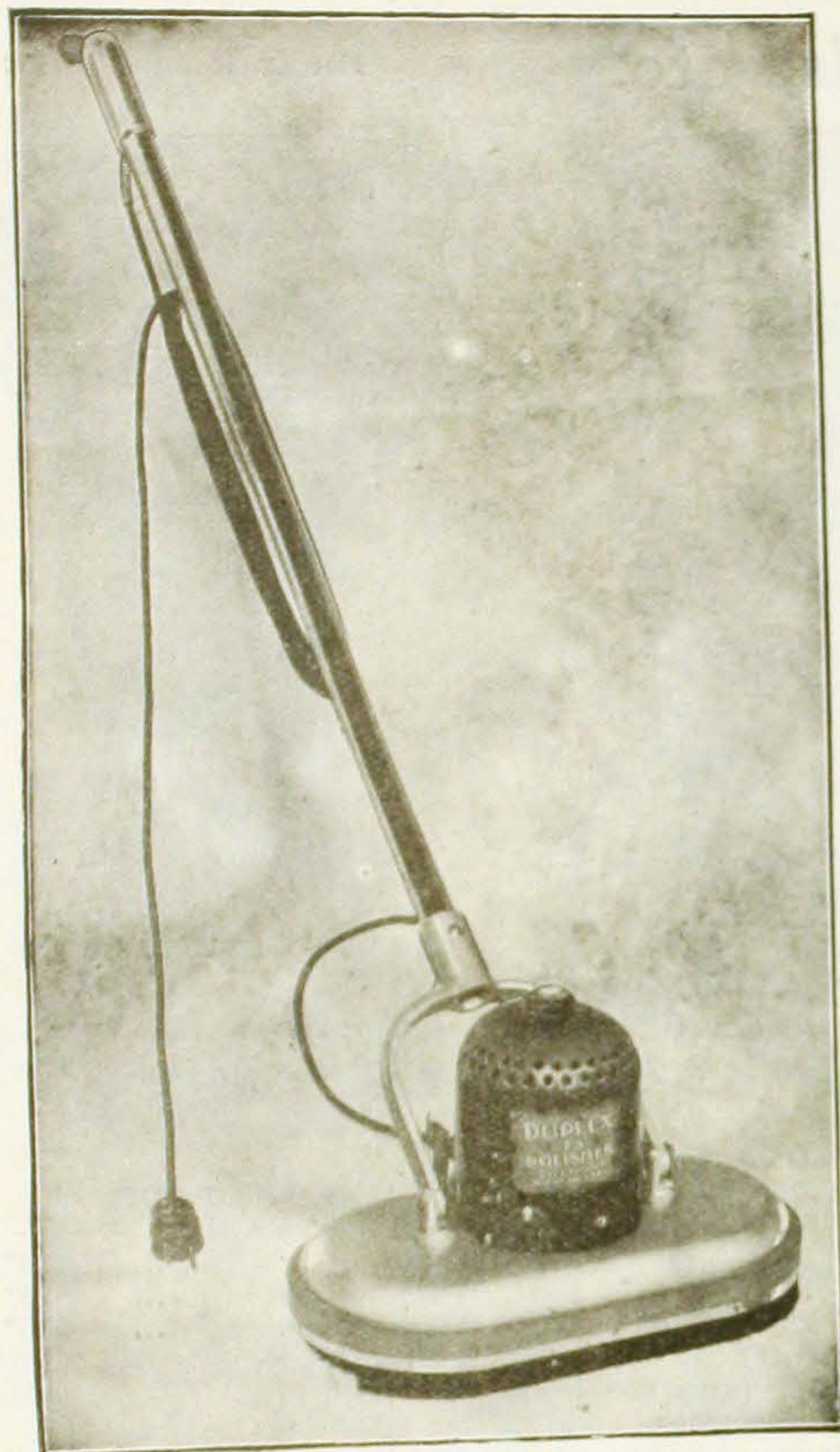
No. PLS 5375

Oak Table
Standard.
With Lamp Holder,
Plug and Flex.
10½" ... 8/6 each.

No. PLS 5376

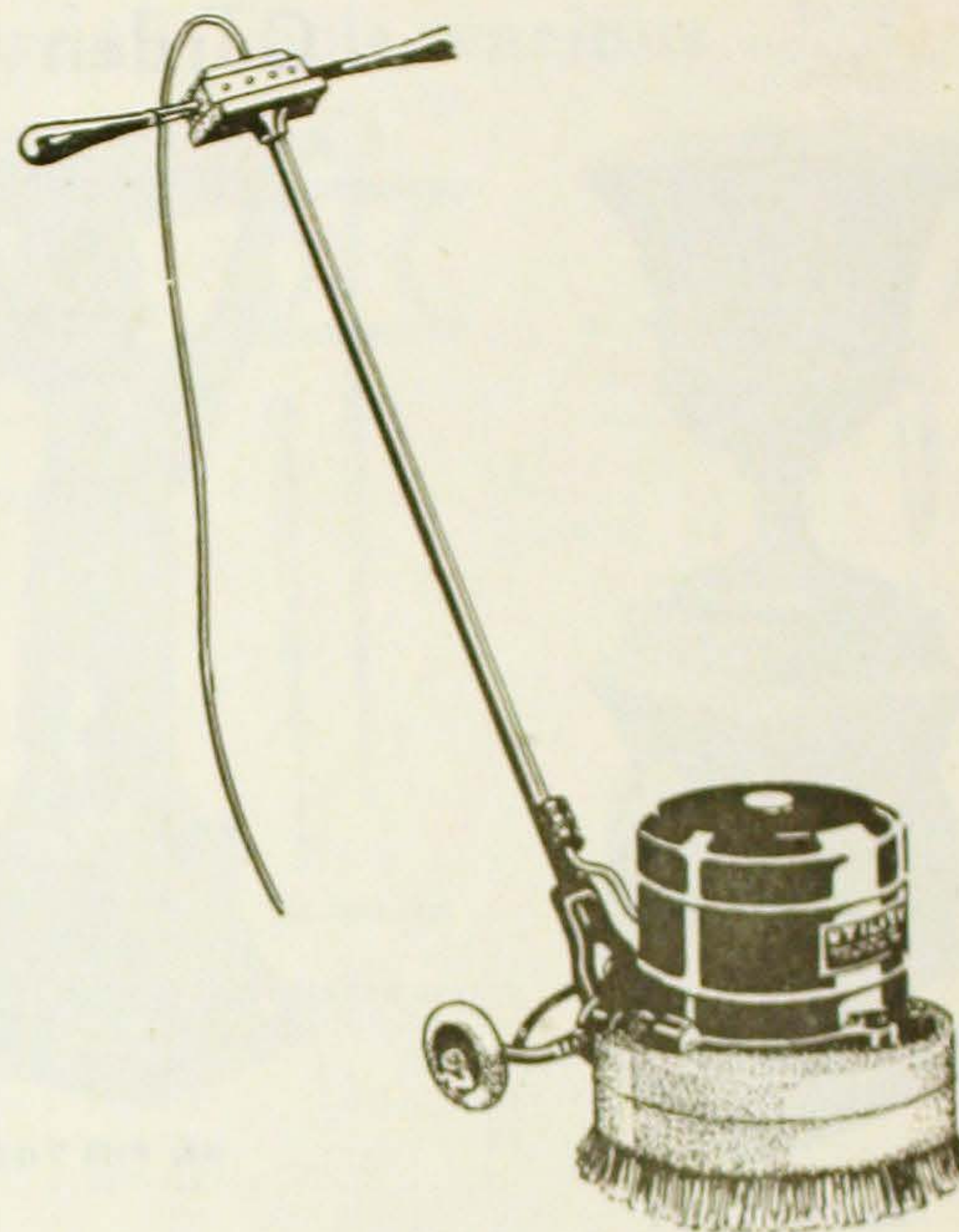
Black Polished
Table Standard.
With Lamp Holder,
Plug and Flex.
10½" ... 8/6

(Shades: "A" Basis; Standards, "C" Basis.)



Electrical Labour Saving Devices

State
Voltage
when
Ordering
anything
Electrical.



THE "UTILITY" FLOOR MACHINE.

No. PLS 5409

The "Utility" Floor Cleaning and Polishing Machine is an electrical device specially designed to clean and polish floors which are difficult and costly to do by hand.

It consists of a specially designed circular brush, surmounted by a totally enclosed Electric Motor.

No hard work is necessary, as the machine propels itself over the floor, at the same time scrubbing or polishing as the case may be. The weight is 45 lbs.

It can be used for scrubbing and polishing, removing varnish or sand-papering wood floors, also removing oil, dirt, or grease from concrete floors.

Current consumption $\frac{1}{4}$ unit per hour. We carry a stock of 110 and 220 volt D.C. and A.C. Machines. Other voltages necessitate ordering specially.

Price, with 35 feet of Waterproof Cable and one 10" Brush, pattern as required ... £45 0 0

("B" Basis.)

THE "DUPLEX 75" ELECTRIC FLOOR POLISHER.
No. PLS 5408

As easy as a Broom. As simple as a Mop. The two circular Brushes travel in opposite directions and the machine "floats" on the floor surface, perfectly even and steady. Special self-aligning bearings are fitted to the brush discs ensuring a full grip at all loads. The Polisher has a powerful silent Motor $\frac{1}{4}$ h.p. Current consumption $\frac{1}{5}$ unit per hour.

Price complete with 20 feet Flexible Cable and Adaptor,

£12 12 0

("A" Basis.)



THE "THOR" ELECTRIC VACUUM CLEANER.
No. PLS 5410

One of the most up-to-date and efficient Vacuum Cleaners on the market. Current consumption approx. $\frac{1}{4}$ unit per hour.

Price, complete, with set of attachments ... £9 9 0

(Net Price.)

LISTS

describing fully, the articles illustrated on this page, will be sent on request.

Ask for those in which you are interested.



THE "THOR" ELECTRIC WASHING MACHINE.

No. PLS 5411

This model is built for years and years of service, and is equipped with either the wood or "Metallo" revolving, reversing cylinder. It washes every particle of dirt out of six full-sized sheets, or equivalent, in fifteen minutes. Current consumption 250 watts per hour.

Price, complete with Motor and Wringer ... £42 10 0

(Net Price.)

Garden Vases, Sun-Dials, etc.

PRICED EACH.

No. PHS 7491
VASE.

Height	...	36"
Width of Bowl	...	16 1/2"
Width at Base	...	11 1/2"
Price complete	...	60/-
Vase only	...	27/-
Trays for Successional Blooms, for Glasshouse development, 4/3 each.		



No. PHS 7495

BIRD BATH.

Height	...	30"
Diam. top	...	16"
Width at base	...	10"
Price complete	...	105/-
Shell only	...	12/6

No. PHS 7492
VASE.

Height	...	37"
Width of bowl	...	19"
Width at base	...	18"
Price complete	...	77/6
Vase only	...	37/-
Trays for Successional Blooms for Greenhouse development, 7/9 each.		

No. PHS 7493
VASE.

Height	...	36"
Width of bowl	...	20"
Width at base	...	15"
Price complete	...	80/-
Vase only	...	45/-

With the exception of Nos. PHO 7498 and 7499 which are of Cast Iron, all are of a matt-glazed ware, biscuit colour in appearance.

No. PHS 7494
VASE and TRAY.

Height	...	11"
Diameter	...	10 1/2"
Tray diameter	...	12 1/4"
Price	...	16/6
(Packing included).		



No. PHS 7494



No. PHO 7499

ORNAMENTAL FOUNTAINS.

No. PHO 7499 24" high.

Finished, plain painted	...	153/- each.
" paint bronzed	...	159/9 "

No. PHO 7497
FOUNTAIN.

Height overall	...	48"
Height to top of bowl	...	34"
Diameter of Bowl	...	22"
Diameter at base of pedestal	...	12"
Price, without Curb, but with Up-right Copper Pipe, Union and Jet, (no Stop Tap)	...	150/-
If without Jet for use as Bird Bath	...	140/-
Curb—6" x 6" section, extra: 48" diameter inside	...	80/-
Curb to special diameter, per foot, measured outside	...	7/-



No. PHO 7498

24" high.

Finished plain painted	65/3
" paint bronzed	68/8

No. PHS 7496
SUN-DIAL.

Height	...	33"
Diam. top	...	12"
Base	...	13"
Price	...	73/-

Antique Brass Dial.

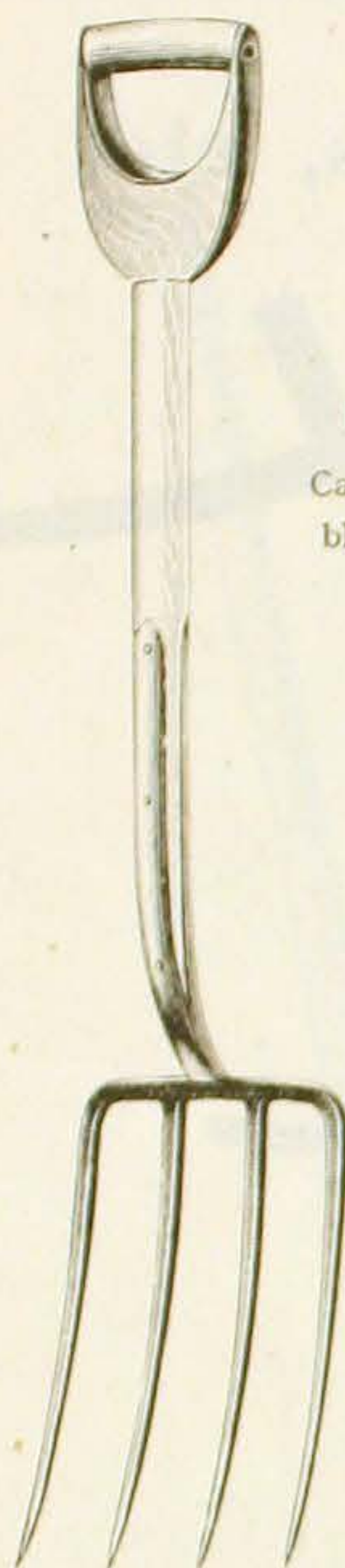
6" Extra	...	14/-
8" " "	...	20/-
10" " "	...	26/-

Separate Sq. Base if desired, 18" x 18" x 3", extra	19/6
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Nett except Nos. PHO 7498 "A" Basis.
and 7499, which are

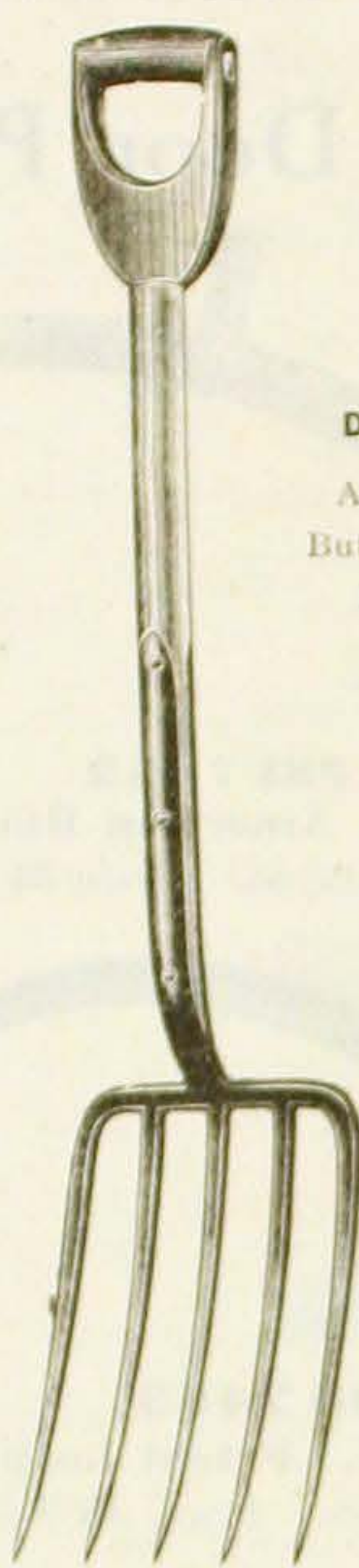
PHS—Stock Lines ; PHO—To Order only.

Garden Tools, various BEST QUALITY.



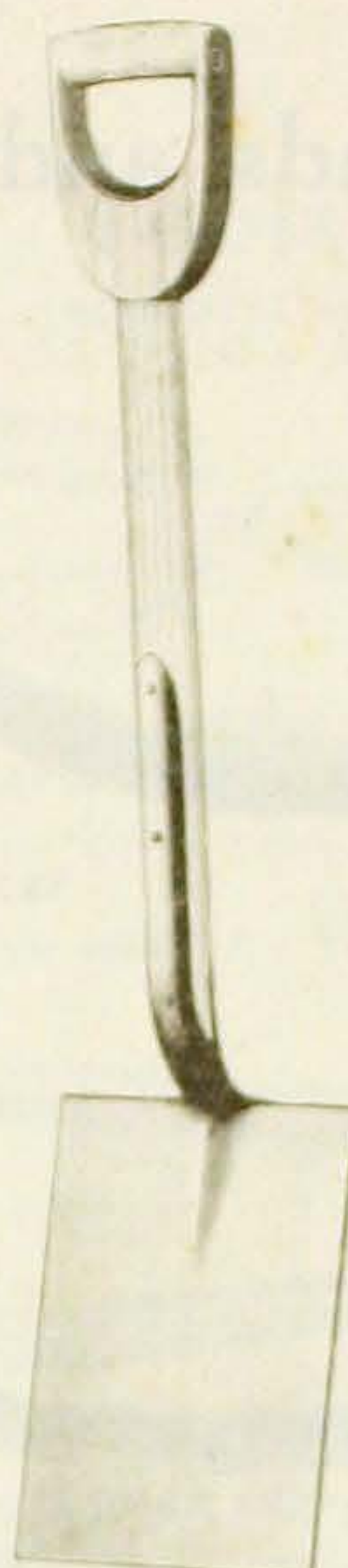
No. PHS 7434
DIGGING FORK.
Cast Steel, with four
black square Prongs.
Rivettted Eye.
Price 6/6 each.

No. PHS 7434



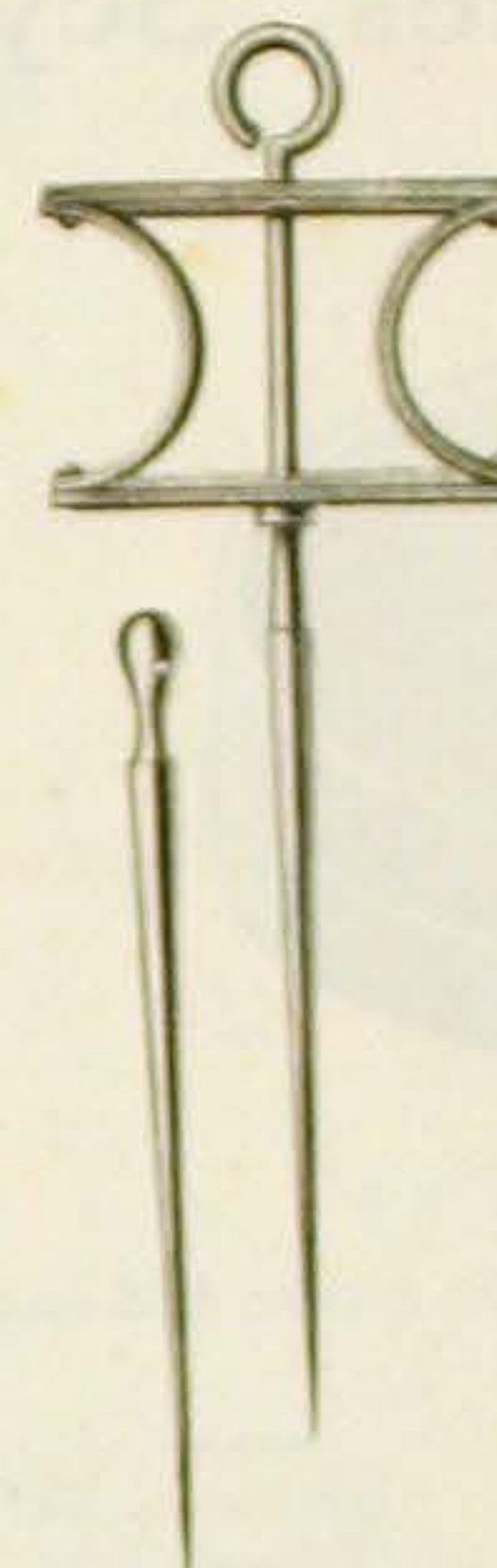
No. PHS 7435

No. PHS 7435
DIGGING FORK.
As No. PHS 7434
But with five Prongs.
Price 8/4 each.



No. PHS 7436
(Priced on right.)

No. PHS 7437
GARDEN REELS.
(Flat).
Size 1 2 6 each.
" 2 2 8 "



No. PHS 7437

No. PHS 7438
DIBBERS.
Iron Shod.
Diam. Price.
No. 1 1 1/4" 2 2 each.
" 2 1 1/2" 2 3 "

No. PHS 7438

No. PHS 7436 **GARDEN SPADES.** With solid Straps and Rivettted Eye.
No. Size. Half Bright. All Bright.
1 7 1/2" x 11 1/2" .. 6 4 7 9 each.
2 8" x 12" .. 6 8 8 4 "
3 8 1/2" x 12 1/2" .. 7/- 8 5 "

No. PHS 7439
GARDEN RAKES.
Bright Steel. Handled.
With Teeth. Price.
8 5/6 each.
10 5/11 "
12 6/5 "
14 6/10 "
16 7/3 "
18 7/9 "



No. PHS 7440

No. PHS 7440
WEED FORK.
Best Blued Steel.
Three Prong, Polished
handles.
2/9 each.
As above, but with
15" handles.
3/- each.



No. PHS 7444

No. PHS 7441
FERN TROWEL.
Bright and Blued.
Socket Pattern.
7" .. 3/6 each.
Sheath for same.
1/3 each.



No. PHS 7441



No. PHS 7442
GARDEN TROWELS.

No. PHS 7442 Rivettted Blued .. 10d. 1/- 1/2 each.
No. PHS 7443 Solid, All Bright. .. 1/11 2/3 2/6 "



No. PHS 7443

No. PHS 7444 **WEED FORK** with 12G Twisted Prongs.
Made of best Steel, bright and red.
Prongs are 2 1/2" wide by 5" long.
Handles .. 7" 8" 17"
Price .. 1/3 1/4 1/7 each.

No. PHS 7445 (not illustrated) as above, but with a handle 4' 0" long. Price 2/6 each.

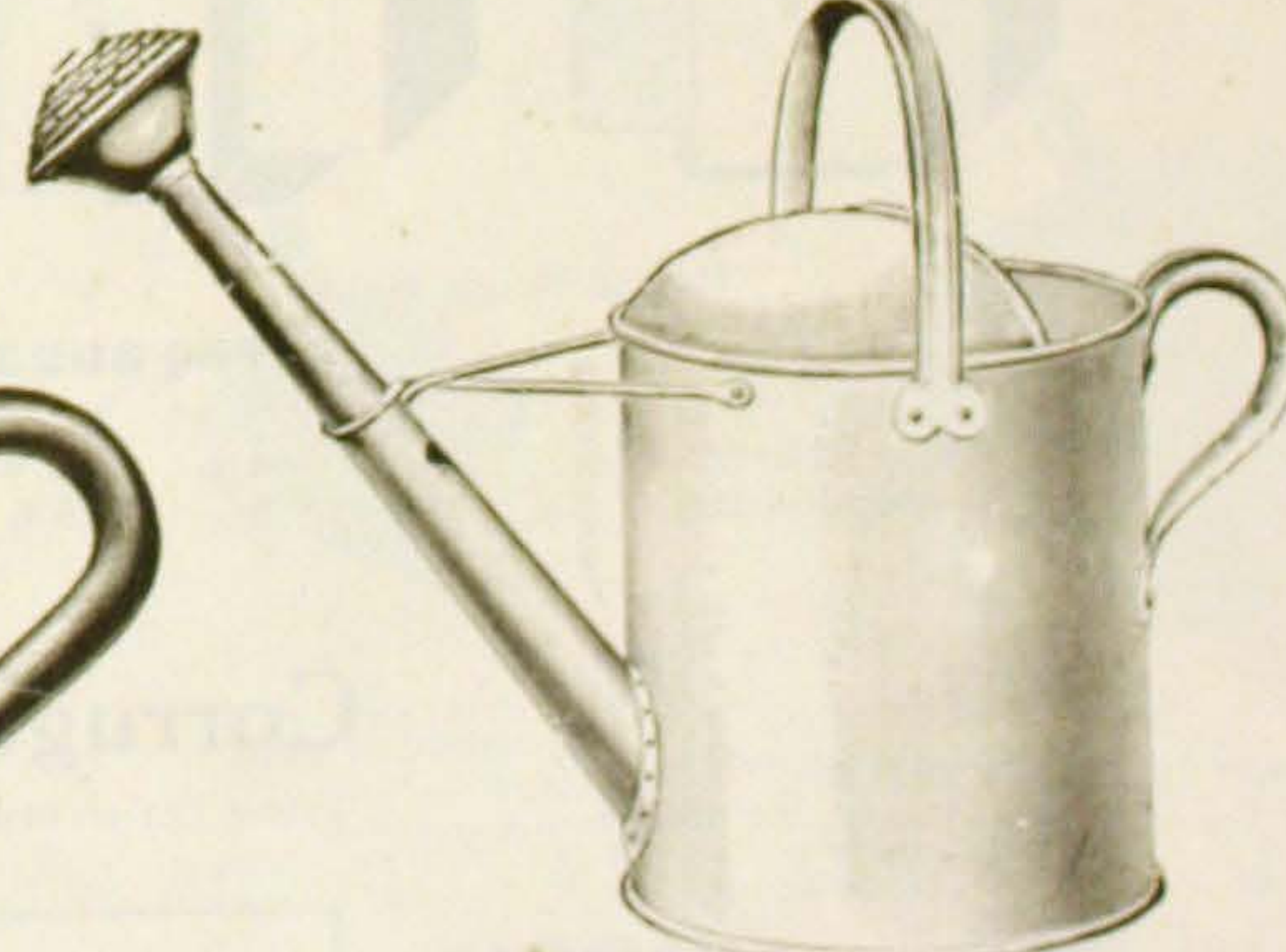


No. PHS 7447 **JAPANNED WATERING CANS.**
Haw's Pattern. All Brass Rose. Fitted with Inside Strainer.

No.	Capacity.	Price.
No. 0000	1 qt. Ladies' Can, one Rose	6/9 each.
" 000	2 qt.	7/11 "
" 00	2 qt. Shell Can, one Rose and extra joint	8/- "
" 0	3 qt. Ditto. ditto.	8/8 "
" 1	3 qt. Propagating Can, two Roses and extra joint	10/6 "
" 2	4 qt. Greenhouse Can, two Roses	10/11 "

No.	Capacity.	Price each.
No. 2 1/2	5 qt. Greenhouse Can, two Roses	12/-
" 3	6 " Nursery Man's Can, two Roses, Iron bound foot.	13/2
" 4	8 " " " "	15/5
" 5	10 " " " "	18/6
" 6	12 " " " "	18/-

Also made Galvanized in sizes No. 1, 2, 2 1/2, 3 and 4, at same prices as Japanned.



No. PHS 7449
WATERING CAN with PATENT TWO-SPRAY ROSE.
Galvanized, Brass screw Connection, interchangeable Copper Face Roses.
Capacity 1 1/2 2 2 1/2 3 3 1/2 4 galls.
Price 3/10 4/2 4/8 5/- 5/9 6/4 7/4 7/11 8/4 each.
With long Bent Spout.
4/6 4/11 5/4 5/8 6/5 7/3 -- -- --

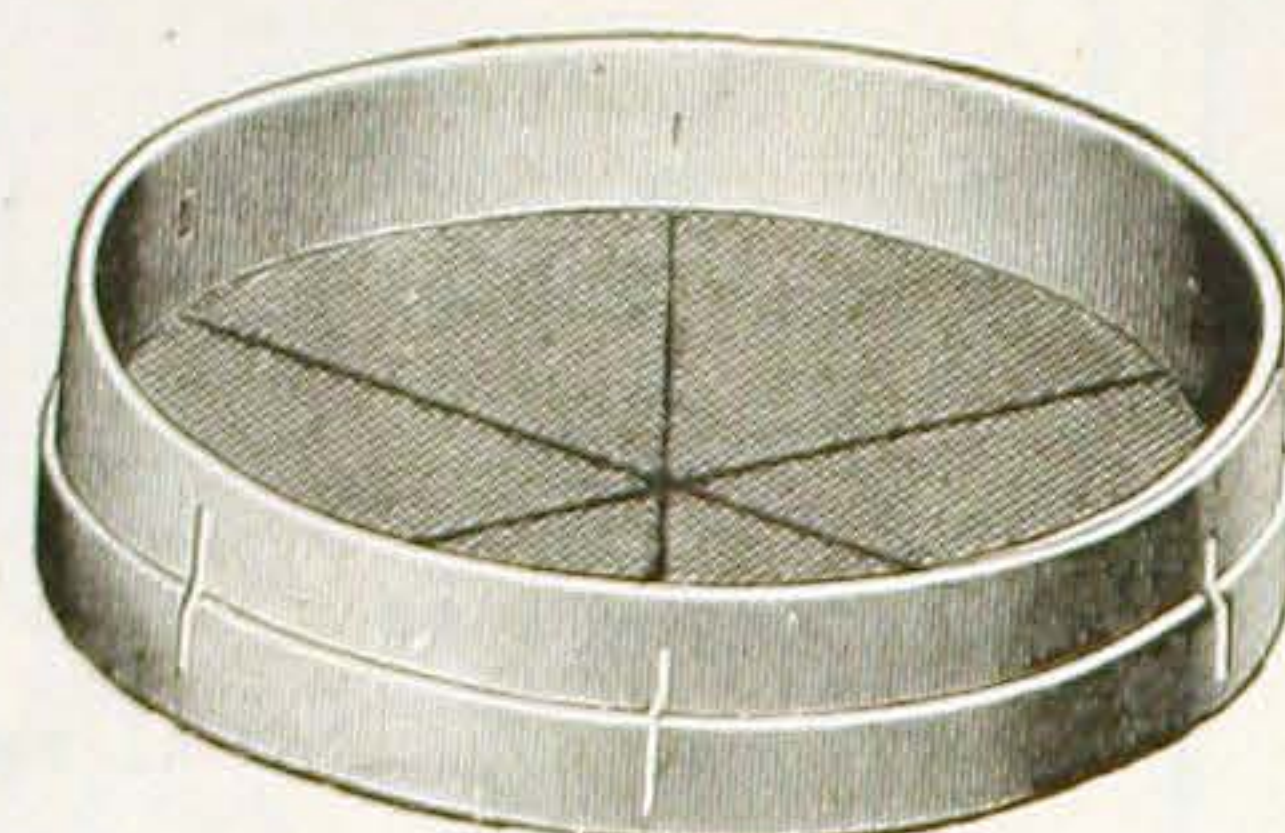
No. PHS 7450
CONTRACTOR'S WATERING CAN.
(Not illustrated) with strong foot and Galvanized Slip-on Rose.
Capacity 3 4 gallons.
Price 5/9 6/6 each.

No. PHS 7439

PHS—Stock Lines in most sizes.

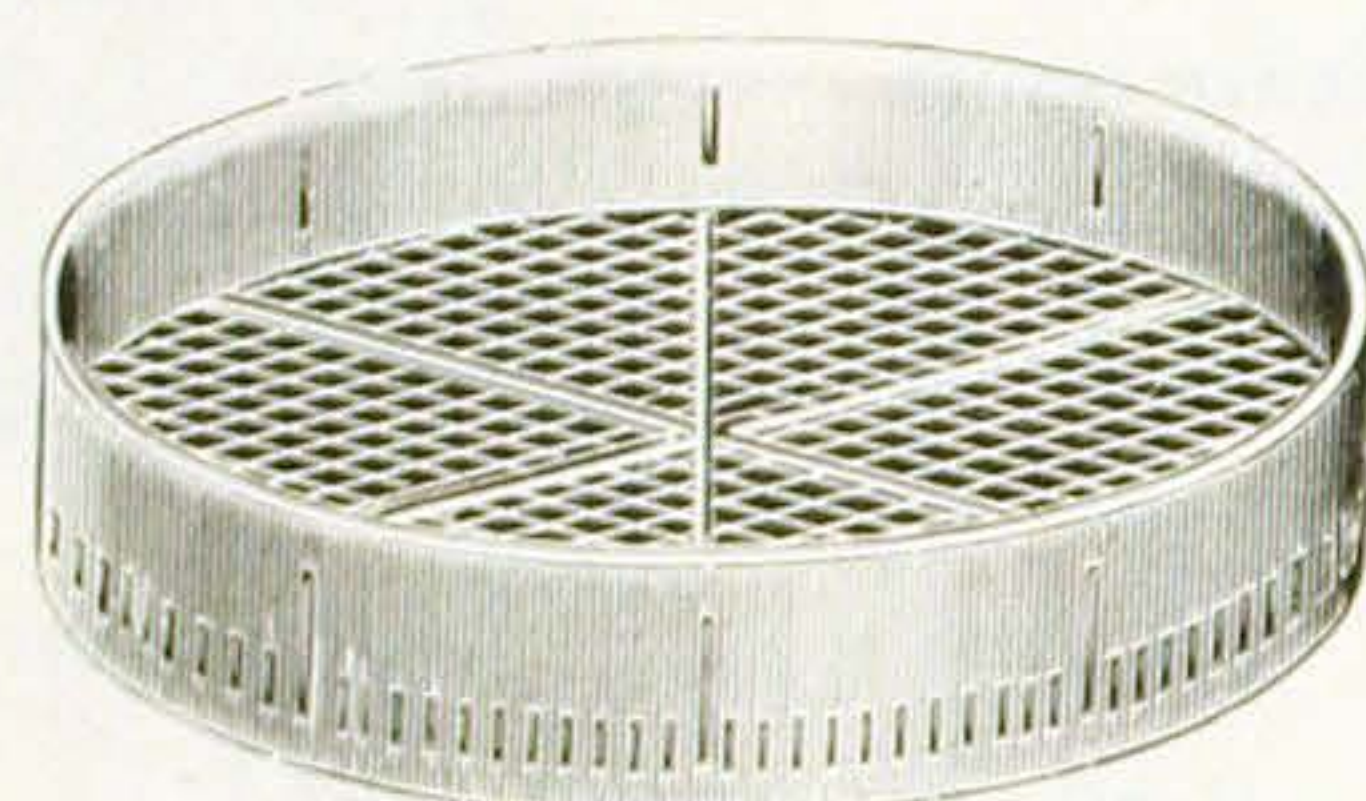
"A" Basis.

Sieves, Riddles, Scythe Sneads and Blades, Door Post Shoes, etc.



No. PHS 7250 18" x 4"

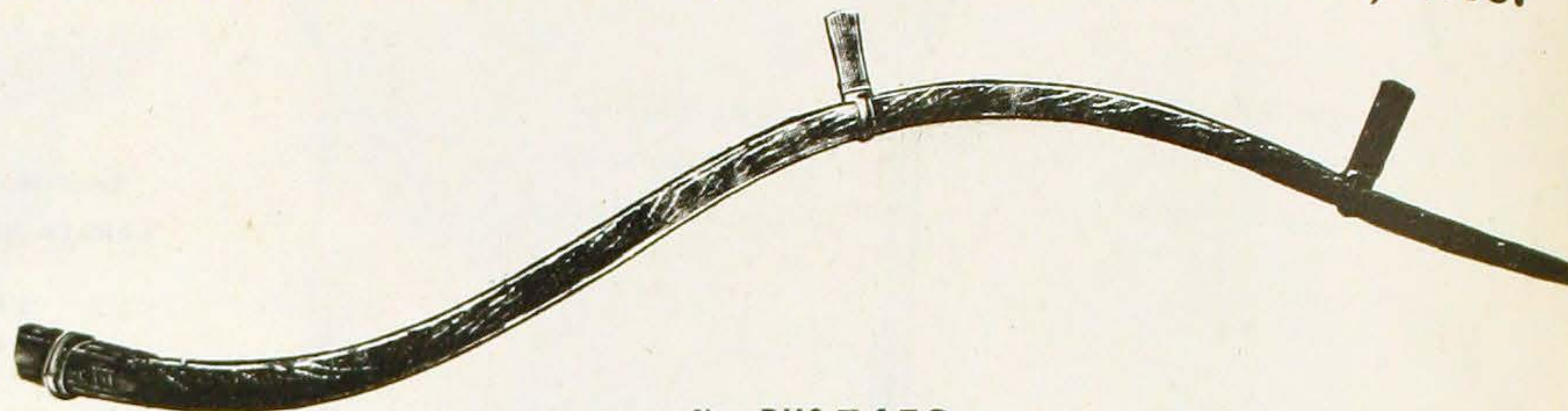
8, 10, 12, 14, 16 mesh, 4/6 18 and 20 mesh, 5/3 each



No. PHS 7118

18" x 4" x 3/8" rims.

1" 3/4" 5/8" 1/2" 3/8" 5/16" 1/4" 1/8" 3/16"
4/- 4/6 4/11 5/8 8/8 6/2 each.



No. PHS 7452

SCYTHE SNEADS. American Ring Pattern.

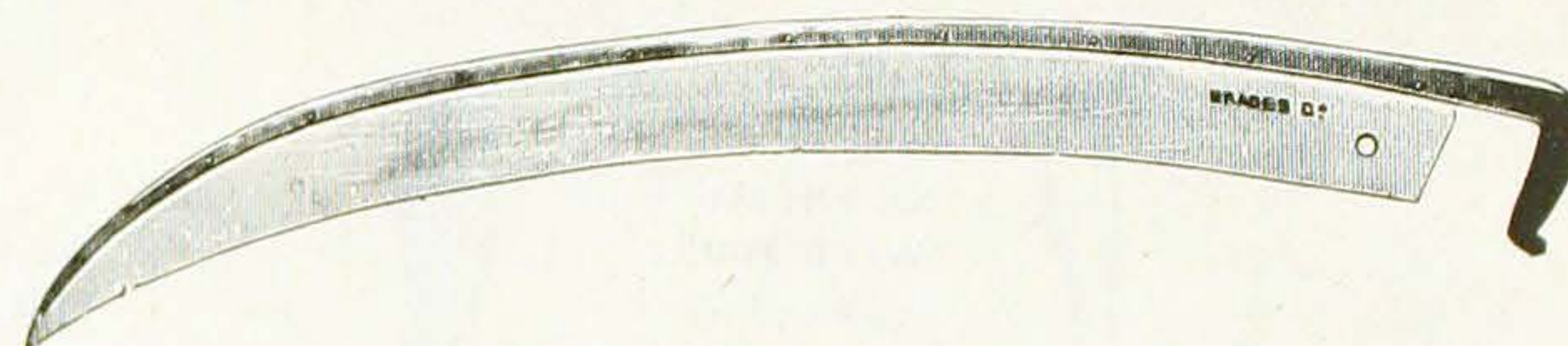
Average weight, 43/45 lbs. per dozen. Price 34/6 dozen, 3/3 each.



No. PHS 7453

SCYTHE SNEADS. Patent Loop Pattern.

Average weight 48 lbs. per dozen. Price, 38/3 dozen, 3/6 each.



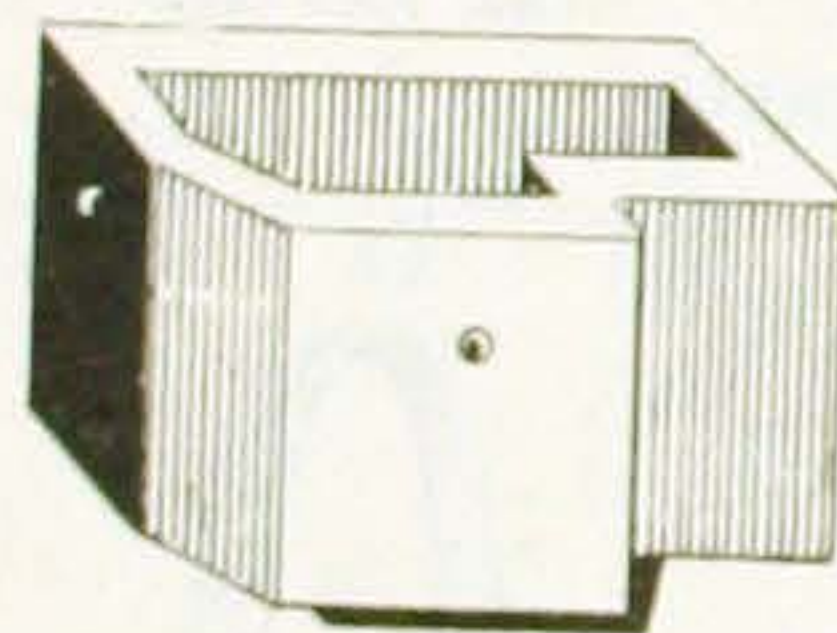
No. PHQ 7451

SCYTHE BLADES. Rivetted Back.

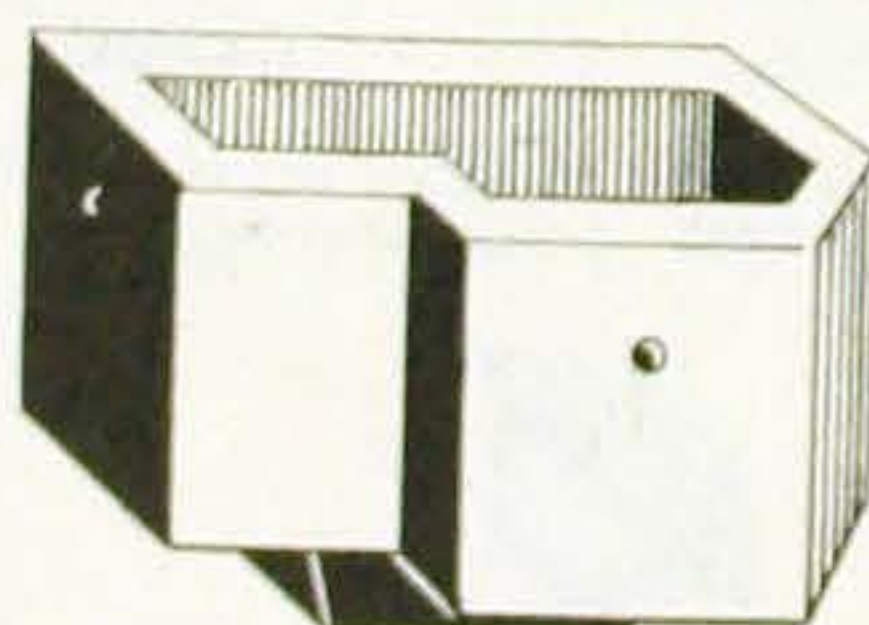
Size	...	...	...	36"	38"	40"	42"
Price	...	...	...	85/6	88/6	91/6	94/6 dozen.
				7/3	7/6	7/10	8/- each.

DOOR POST SHOES. Cast Iron.

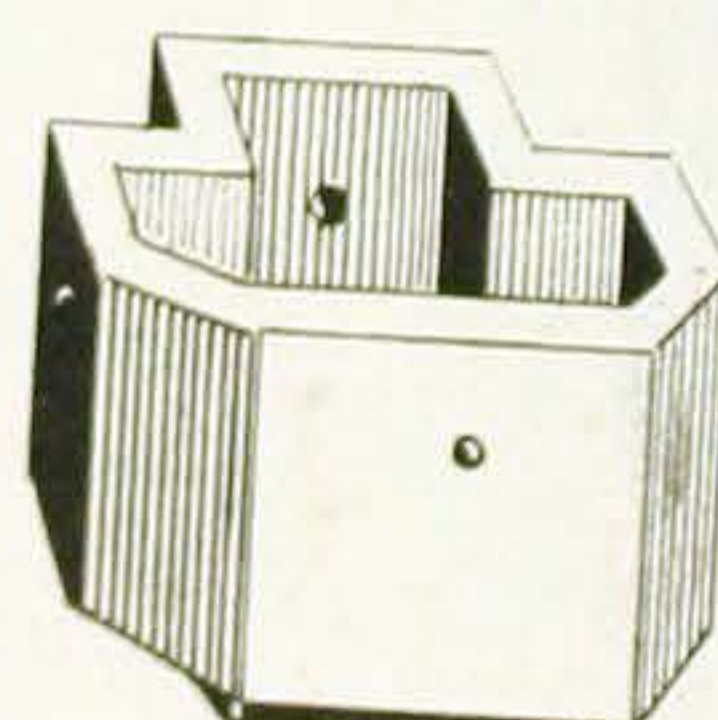
Rebates are invariably 2" x 1/2"



A



B



C

Double Rebate.

Pair of Single Rebate.

No. PHQ 6923

Size for Post	...	...	...	...	...	...	...
Price, Single Rebate	...	...	...	...	...	...	...
Double Rebate	...	...	...	...	...	...	...

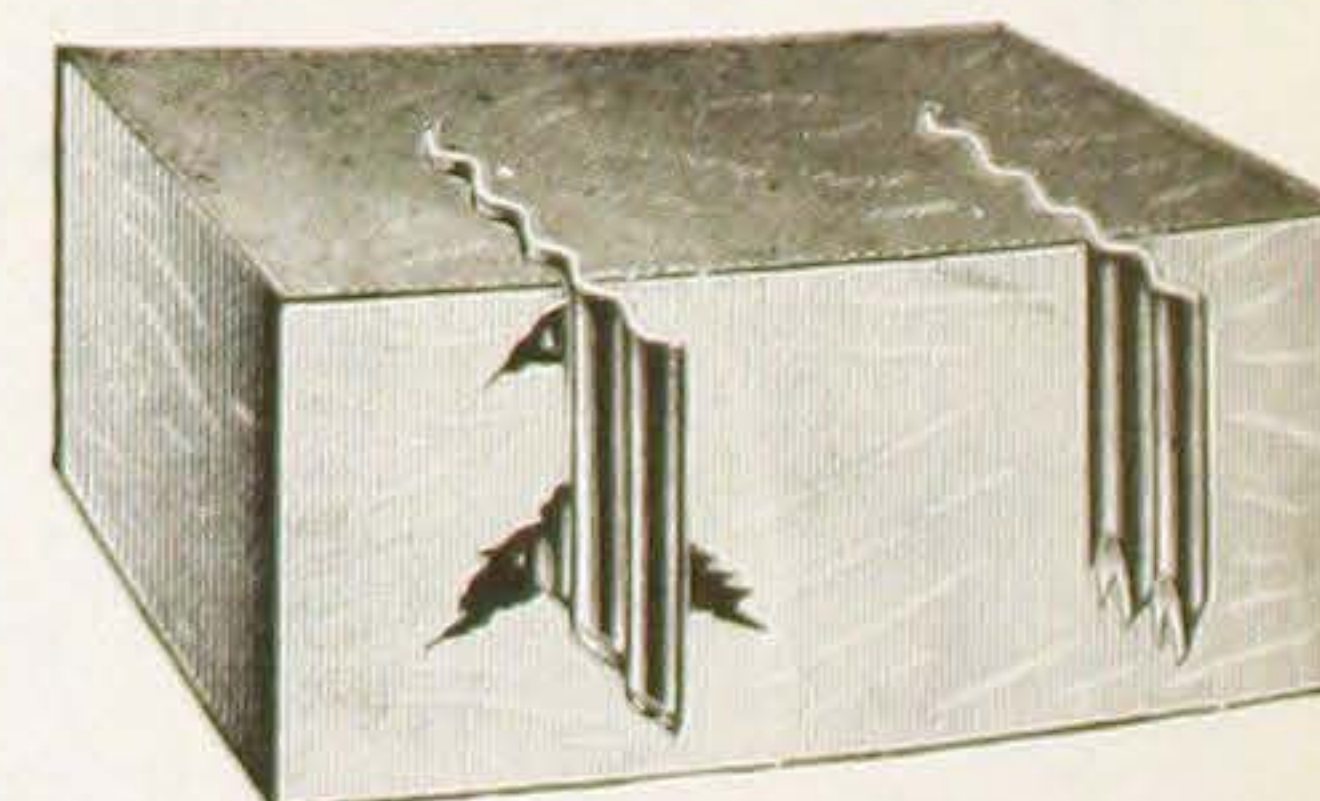
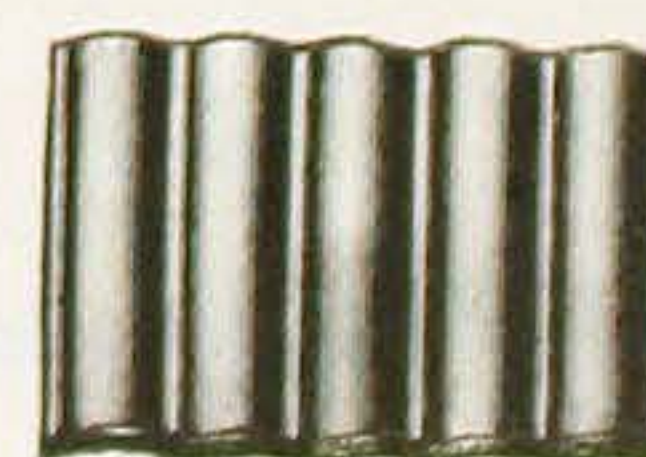


No. PHS 5347

Wire Spout Guard.

Galvanized after made. Sizes 2" to 4"
58/6 gross, 5/3 per dozen.

2"	2 1/2"	3"	3 1/2"	4"
11/-	11/9	12/6	13/3	14/3 dozen.

Old Style
Plain Edge.New Style
Saw Edge.Parallel Saw Edge.
No. PHS 7350

Corrugated Saw Edge Fasteners

Prices per thousand either pattern. Divergent pattern is not supplied in longer than six corrugations.

No. of Corrugations in length.	Depth.						
	1"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
2	2/1	2/6	2/8	3/6	4/-	4/5	5/1
3	2/8	3/4	3/10	4/5	5/1	6/-	6/5
4	3/4	4/3	4/8	5/8	6/5	7/8	8/3
5	3/11	5/3	5/8	7/5	8/2	9/8	10/6
6	4/10	6/2	6/7	8/2	9/6	11/3	12/8
7	5/8	7/-	7/11	9/8	10/11	13/2	14/8
8	6/7	7/11	9/2	11/3	12/8	15/2	16/9
9	7/8	8/9	10/6	12/8	14/-	16/1	17/11
10	8/9	9/8	11/10	14/-	15/7	17/1	19/1
11	9/8	10/6	12/7	14/5	16/6	18/3	20/5



LOOSE JOINT BEFORE FASTENER IS DRIVEN



TIGHT JOINT AFTER FASTENER IS DRIVEN

Divergent Saw Edge.

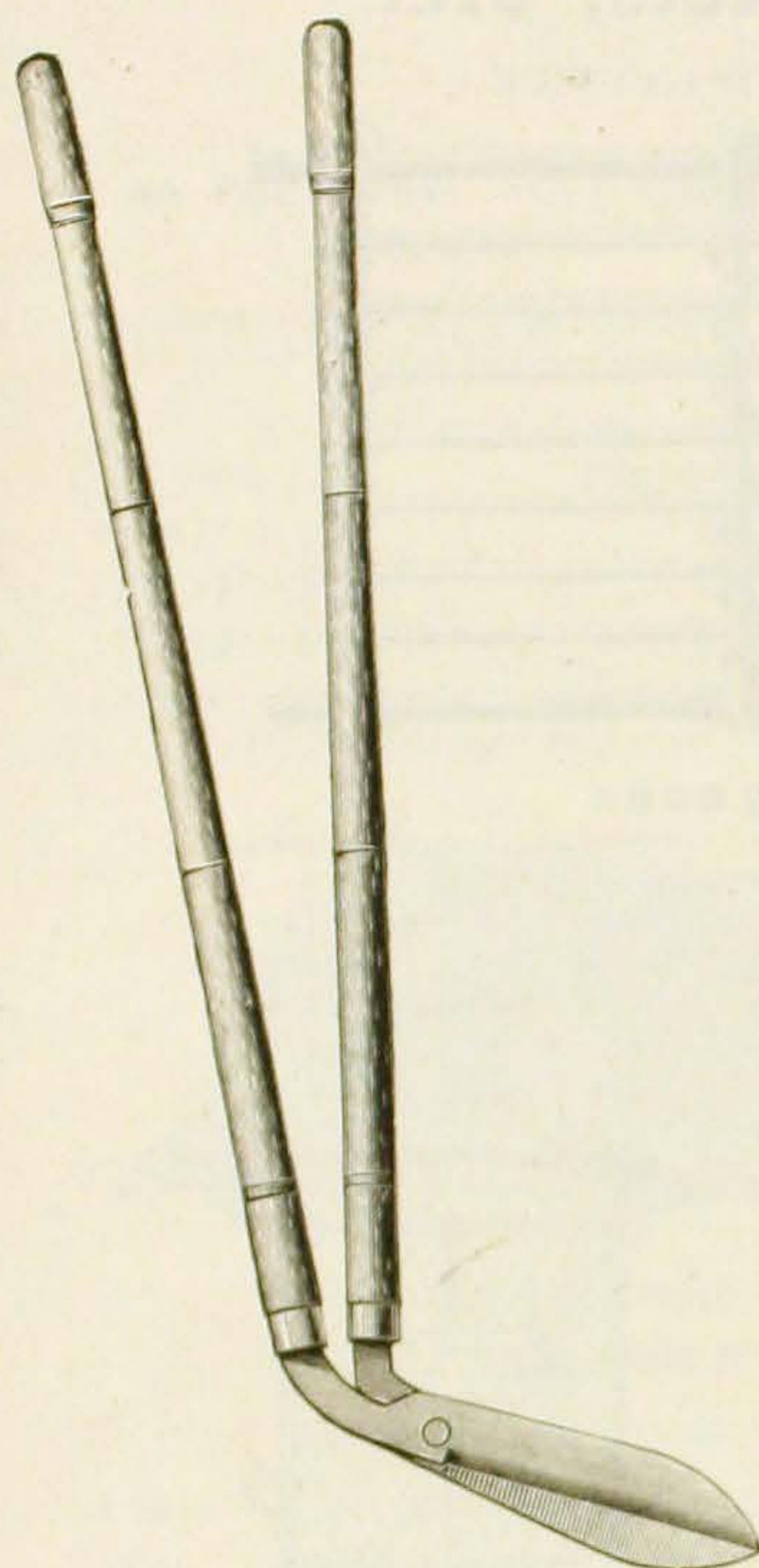
No. PHS 7350

SAW EDGE FASTENERS, No. PHS 7350 "B" Basis; remainder "A" Basis.
And DOOR POST SHOES, No. PHQ 6923

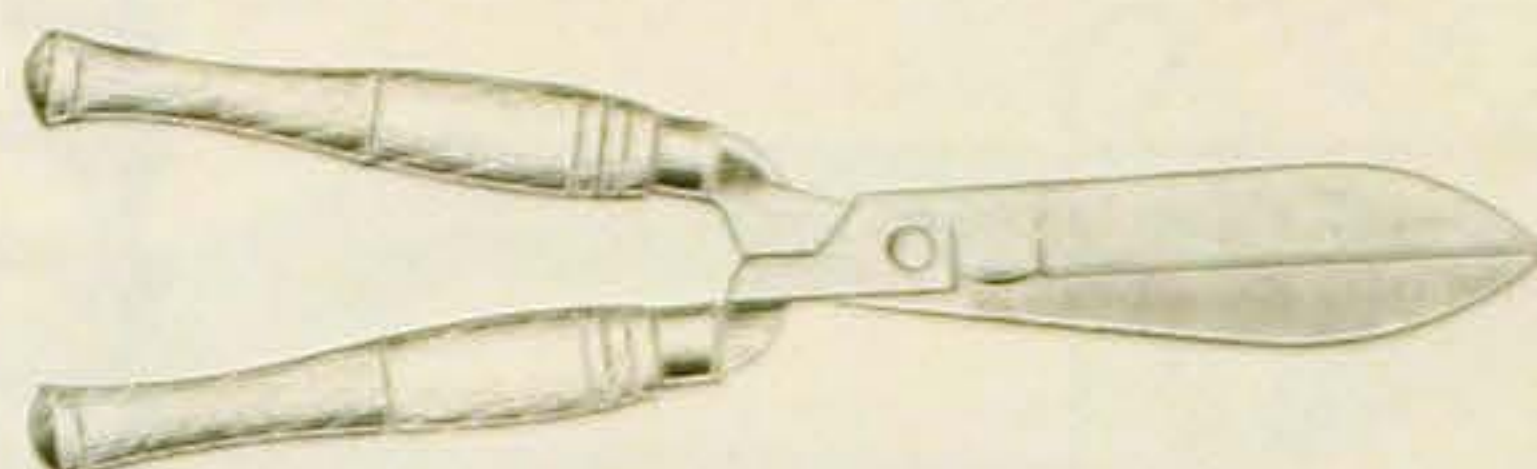
PHS—Stock Lines; PHQ—Quick Delivery.

Garden Tools, various

BEST QUALITY.



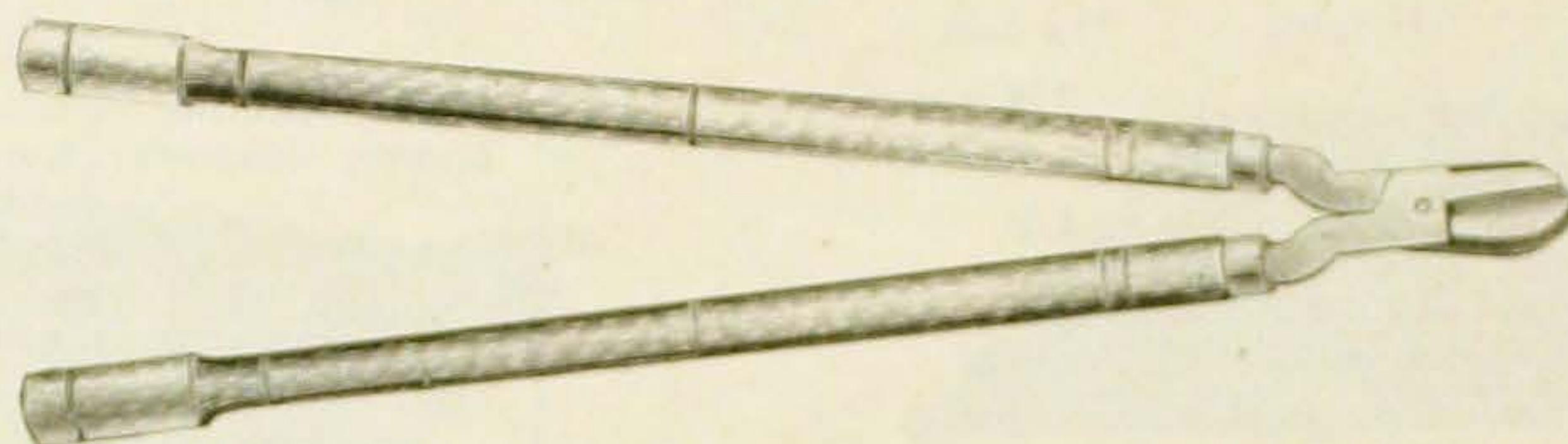
No. PHS 7422



No. PHS 7420

No. PHS 7420 GARDEN SHEARS. With Bright Hoops. Notched for Pruning.

Price	8"	9"	10"	11" Blades.
	5/1	5/9	6/9	7/5 per pair.



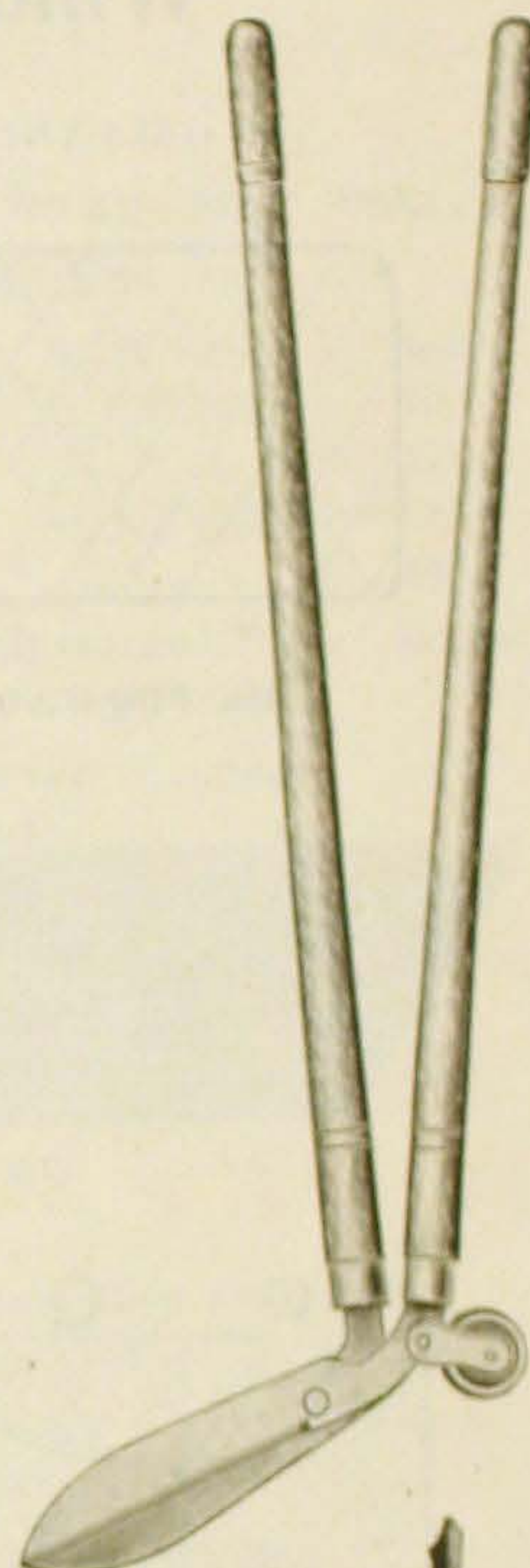
No. PHS 7421 BRANCH OR LOPPING SHEARS. Long-Handled.

Nos.	2 1/2"	3"	3 1/2"	4" Blades.
Price	7/5	8/10	10/2	11/5 per pair.

LONG HANDLED BORDER SHEARS.

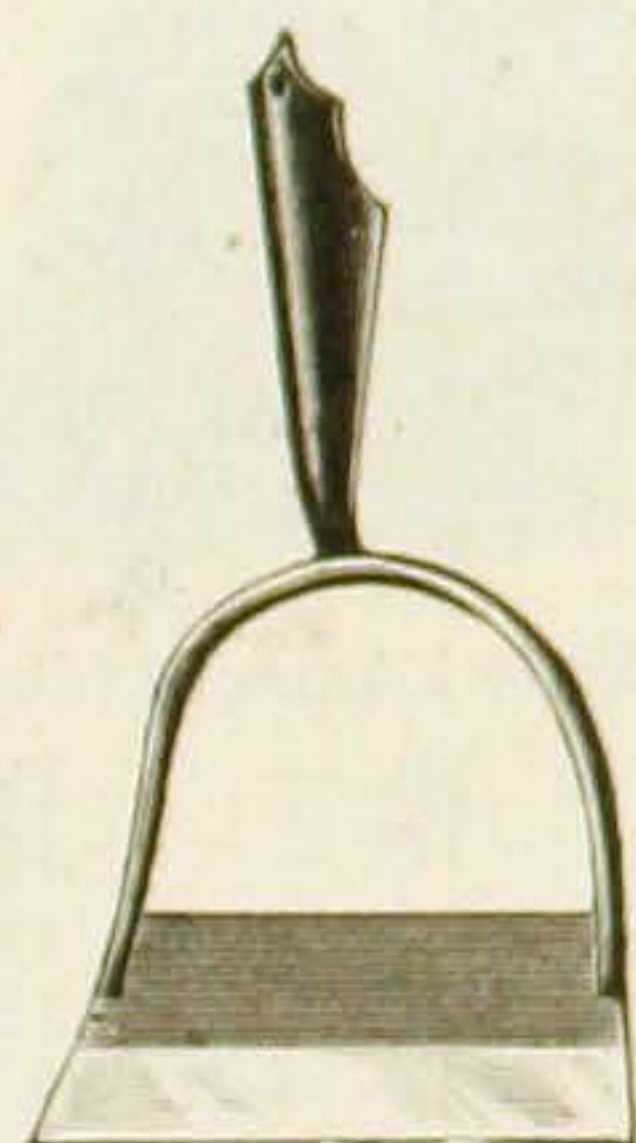
With Bright Hoops.

No. PHS 7422	Without Wheel	8"	9"	10"	11" Blades.
		9/5	9/6	10/10	12/2 per pair.
No. PHS 7423	With Wheel		10/6	10/6	11/10 13/2



No. PHS 7423

No. PHS 7424



No. PHS 7425



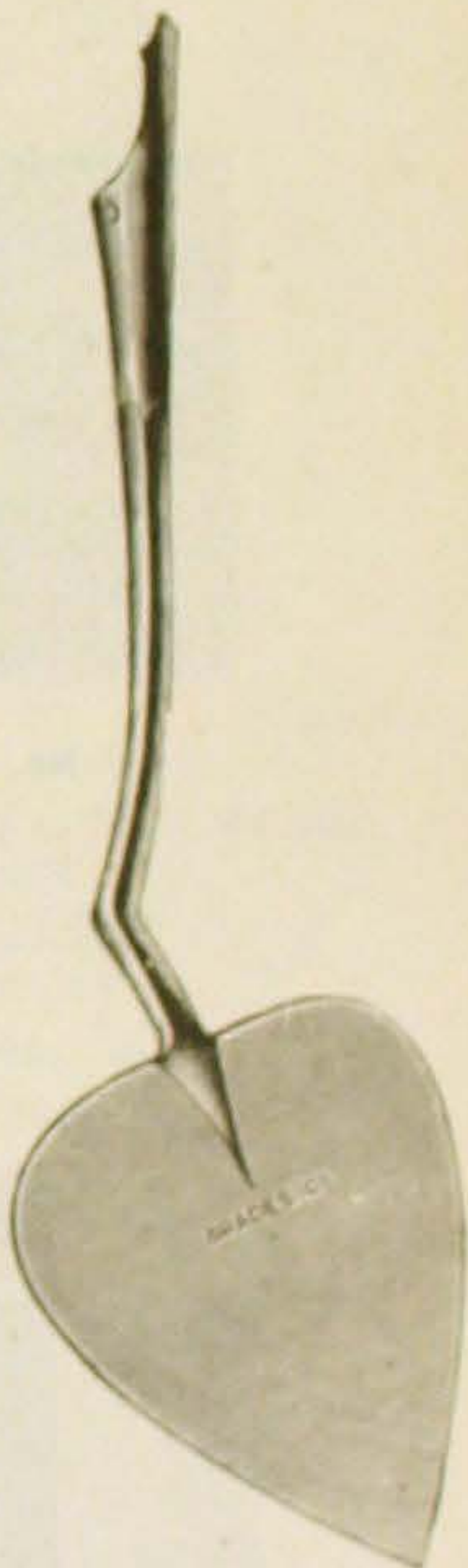
No. PHS 7426



No. PHS 7427



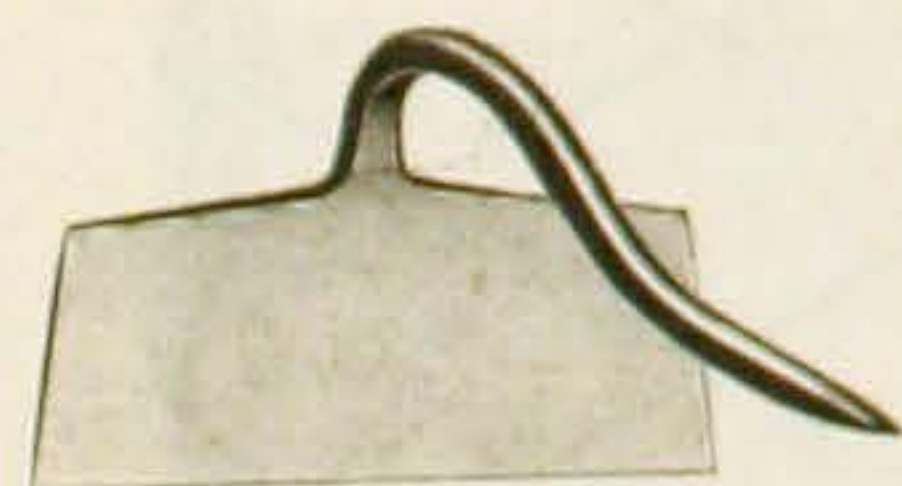
No. PHS 7428



No. PHS 7424
SOLID DUTCH HOE.
With Bow, Cast Steel, unhandled.
5" 6" 7" 8"
1/11 2/1 2/4 2/6 each.
With 5 1/2 feet handles.
4/3 4/6 4/8 4/11 each.

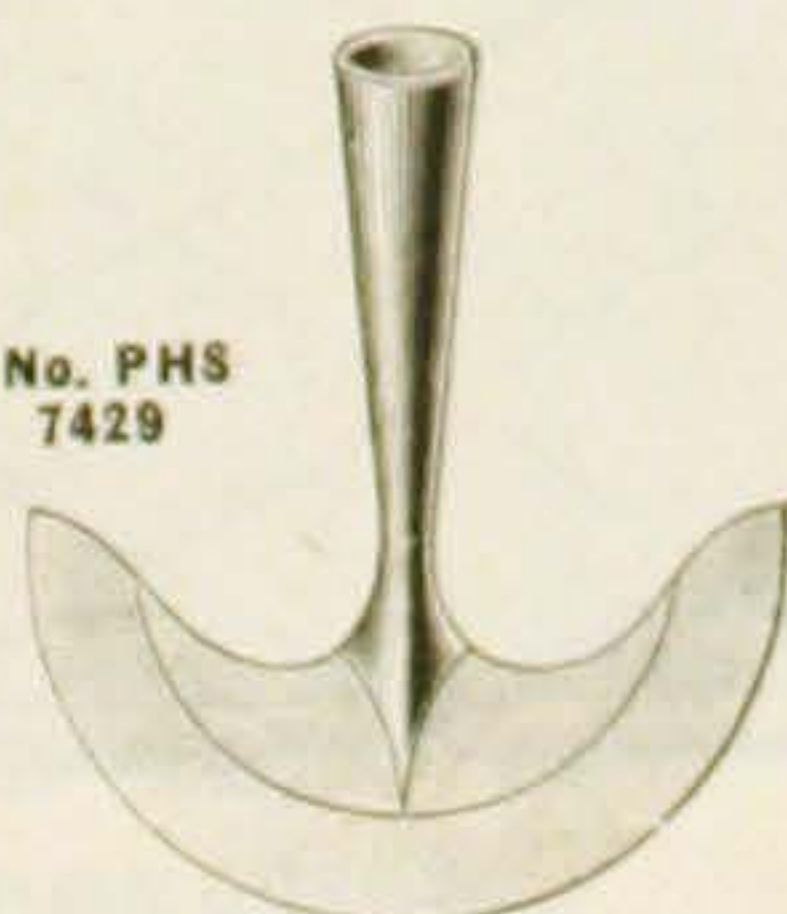
SOLID CAST STEEL PRONGED HOES.

No. PHS 7425	Two Prongs	3/2 each.
No. PHS 7426	Three Prongs	3/2 "



No. PHS 7448
SWAN NECK TANGED HOE.
Unhandled 8" 9" 10"
2/3 2/5 2/8
With 54" Handles 4/2 4/4 4/8 each.

No. PHS 7429



No. PHS 7431



EDGING KNIVES

No. PHS 7431
Best Solid Socket. Stamped Steel.
8" 1/7 each.
No. PHS 7430
Best Solid Socket. Bright and Blued
9" 3/3 each.
Nos. PHS 7430 and PHS 7431
Extra for Crutch Handle, 1/3 each extra.
Eye Handle, 2/- each extra.

No. PHS 7429	Cast Steel.	7"	8"	9"
Price, each		4/1	4/4	4/10
With Polished R.E.				
Handles		5/9	5/11	6/3
With Polished Crutch				
Handles		5/4	5/6	5/11
With Unpolished Handles,		4 1/2 d.	each less.	

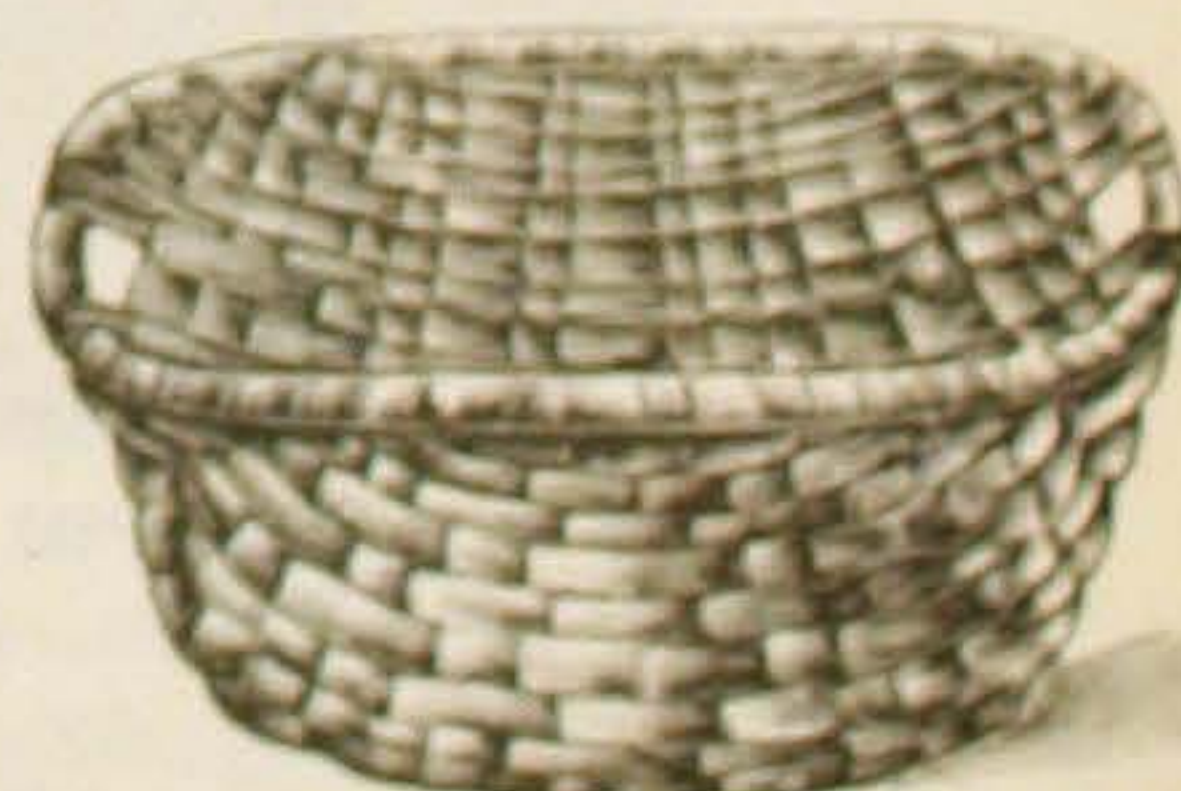
No. PHS 7427 TURF PLOUGH.

No.	Size	Capacity.	Price.
1	8" wide	12.2	15/5 each.
2	9" wide	13.7	15/9 "

No. PHS 7432 SUSSEX TRUG BASKETS.

No.	Size	Capacity.	Price.
1	9 1/2" x 5"	1/4 each.	
2	11 1/2" x 6"	1/7 "	
3	13 1/2" x 7"	1/10 "	
4	15" x 8"	1/11 "	
5	16 1/2" x 9"	2/2 "	
6	18 1/2" x 10"	2/4 "	
7	21" x 11"	2/8 "	
8	23" x 12"	3/- "	
9	25" x 13 1/2"	3/4 "	
10	27" x 14 1/2"	3/9 "	
11	30" x 16"	4/2 "	

No. PHS 7428 TURF PLOUGH.
8 1/2" wide... 7/6 each.
With Crutch Handles... 9/3 "
With Eye Handles... 10/3 "



No. PHS 7433 GAUL TRUG.
Size 27" 30" 33" 36"
Price 4/3 5/6 5/9 6/6 each.

Window Protectors, Waste Papers Baskets, etc.

GALVANIZED SNOW GUARDS.



No. PDQ 8302

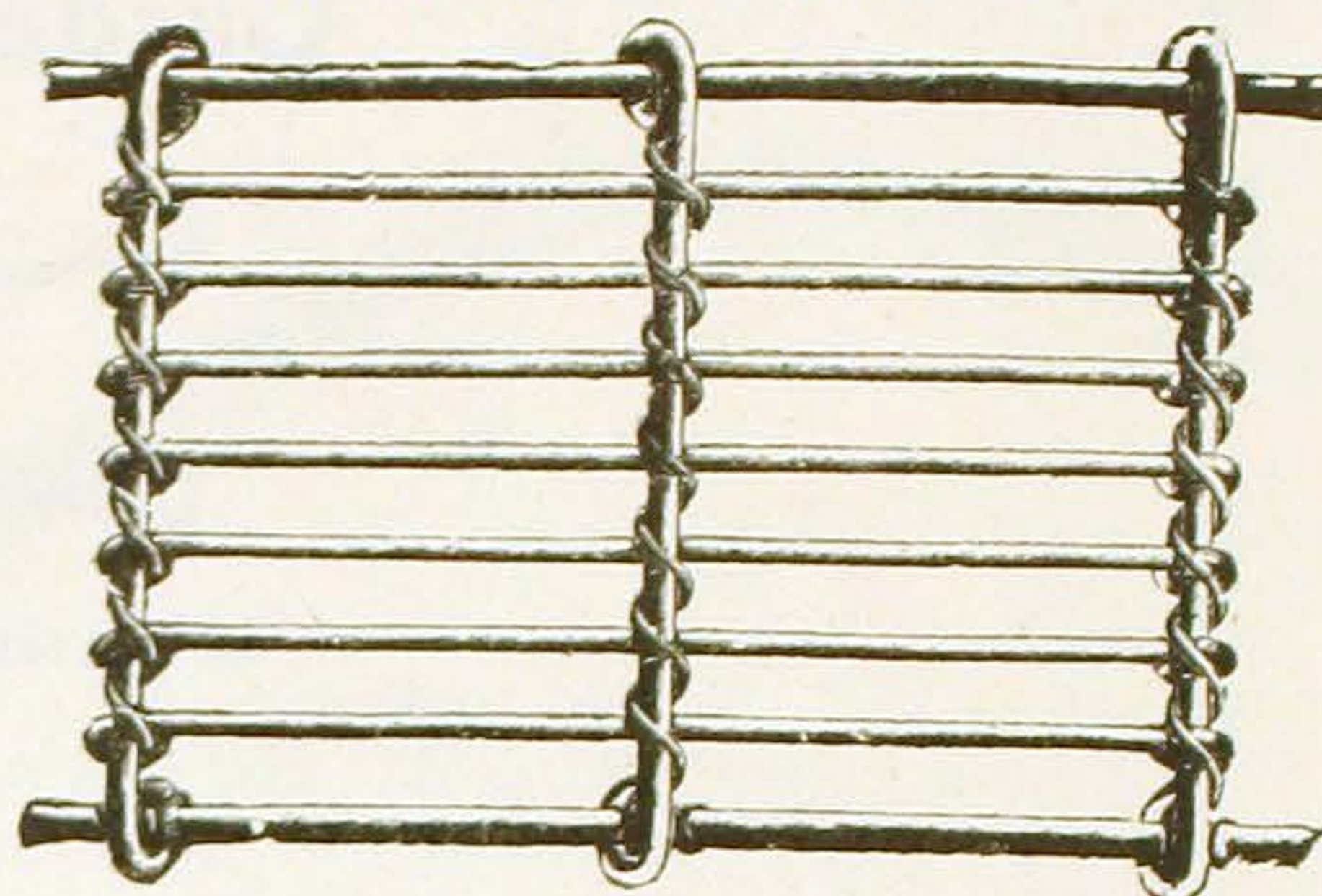
Height.	Per foot.
8"	1/4
10"	1/6
12"	1/8

No. PDQ 8303

Height.	Per foot.
8"	1/4
10"	1/6
12"	1/8

We shall be pleased to quote for any kind of fixing Brackets upon receipt of details.

GALVANISED LATTICE.

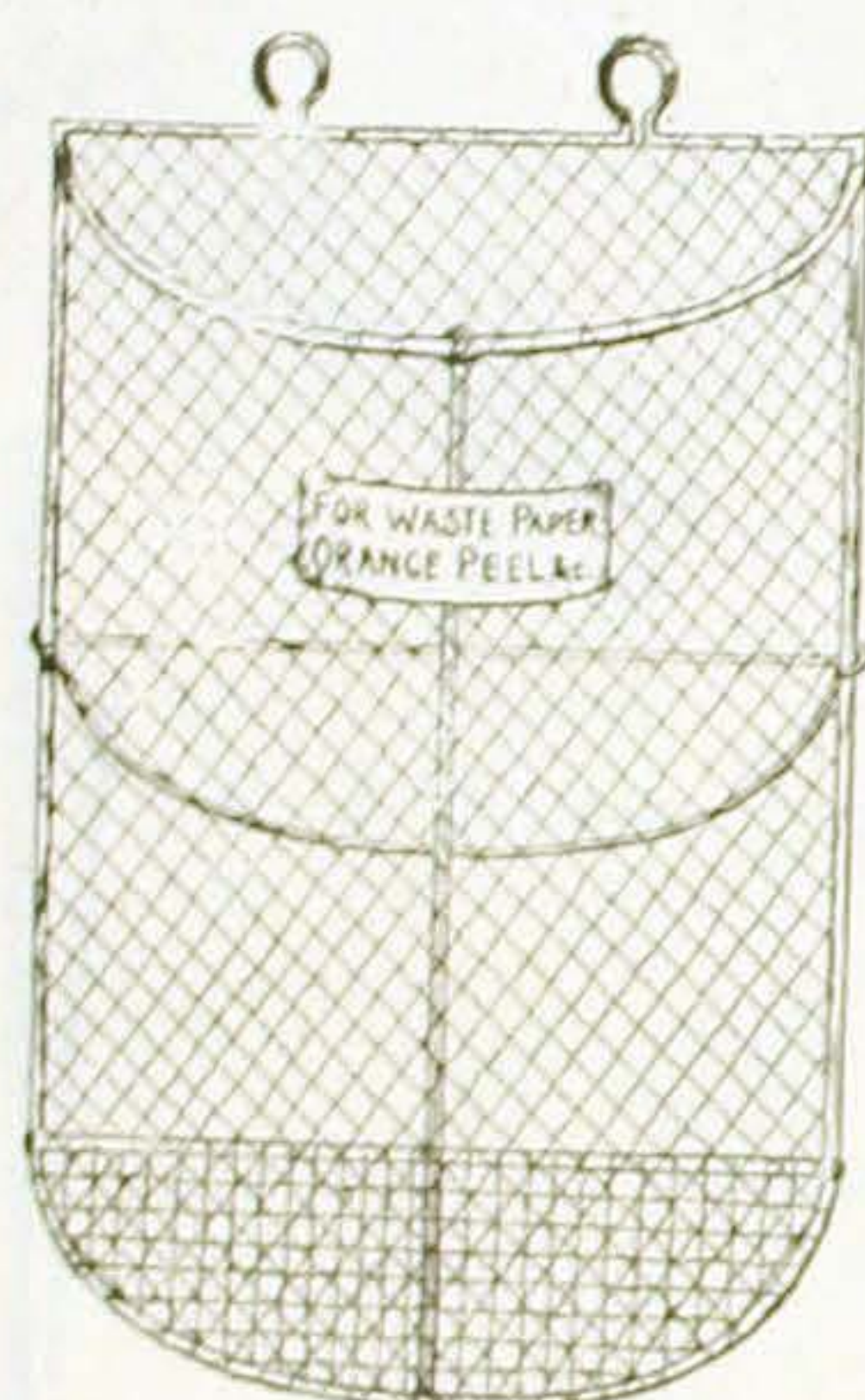


No. PDQ 8284

Highly suitable for covering conservatories, glass roofs, factory windows, church windows, etc., etc.

Mesh.	W.G.	Per square foot.	Mesh.	W.G.	Per square foot.
1"	17	1/6	5"	14	1/1
1 1/4"	16	1/4	3 1/2"	13	1/2
1 1/2"	15	1/1	1"	12	1/2
1 3/4"	14	1/2			

STRONG GALVANIZED WASTE PAPER BASKETS.



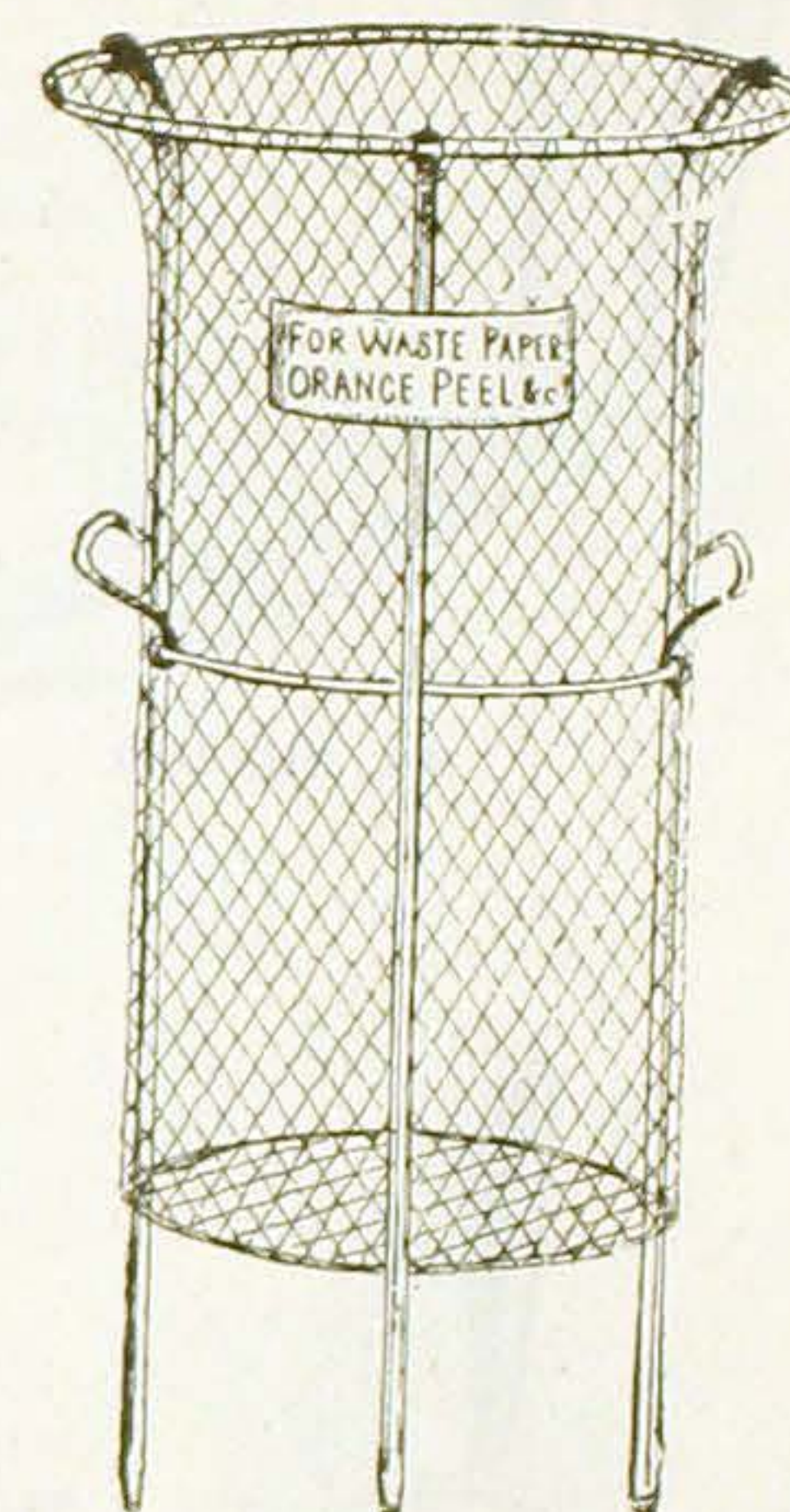
No. PDS 8572

Size 18" x 12" at top and bottom. 27" deep.
Price, 18/- each.
Including Enamel Plate.



No. PDO 7573

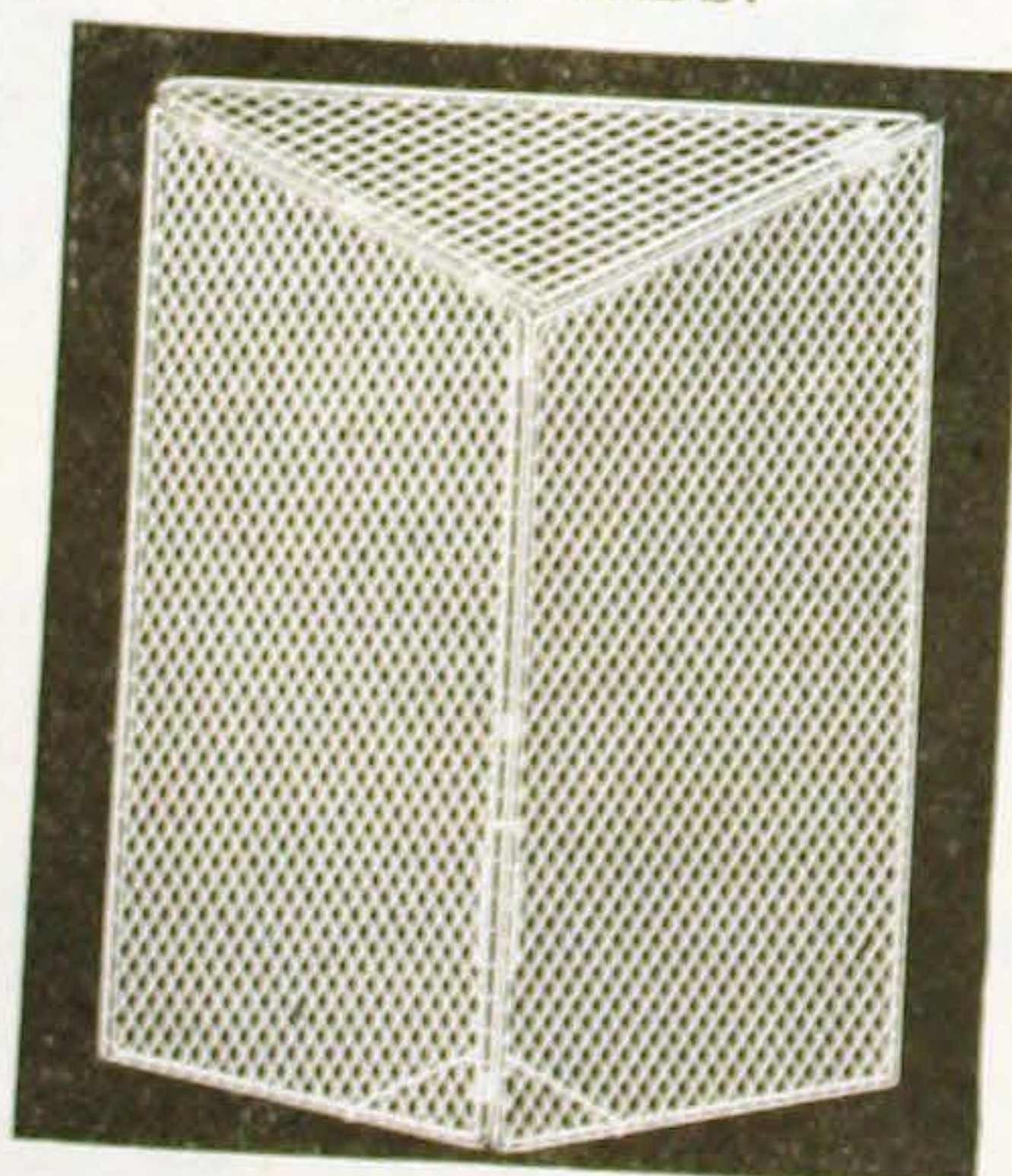
Size 2' 0" high, 10" wide and 8" back to front.
For fixing to Lamps or Walls.
Price, 10/6 each. Including Enamel Plate.



No. PDO 8574

Prices include Enamel Plate.

Dia. at top	20"	18"
Dia. at bottom	16"	12"
Depth	30"	27"
Legs	12"	12"
Price	24/- each.	21/- each.

"SAFEGUARD OF LIFE"
FIREGUARDS.

No. PDS 8315 Collapsible.

*Stock size. Japanned.

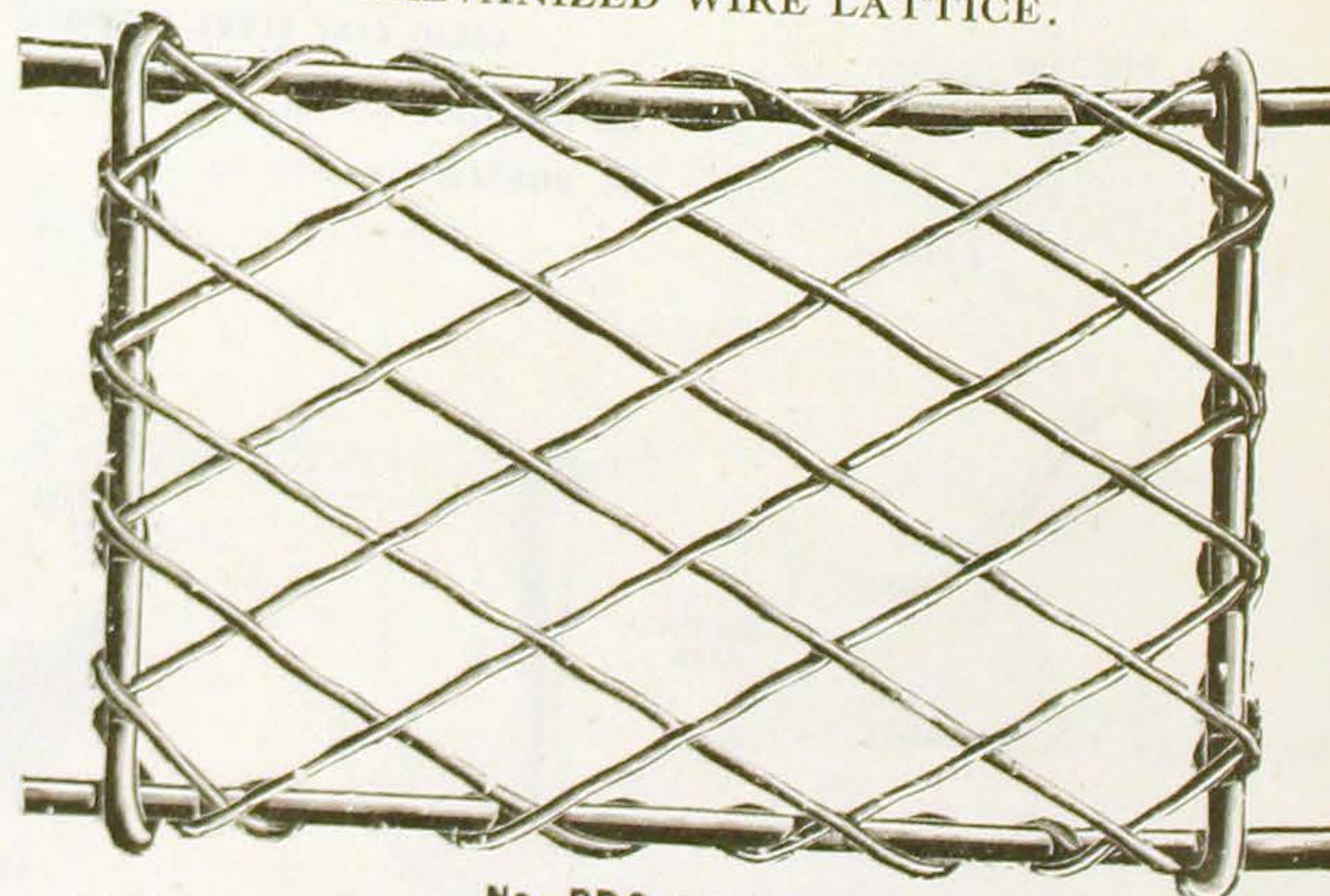
Size	30" x 16"	33" x 18"	36" x 20"
Price	6/3	7/-	8/9 each.

Brass.

Size	30" x 16"	33" x 18"	36" x 20"
Price	14/-	15/9	21/- each.

"B" Basis.

GALVANIZED WIRE LATTICE.



No. PDQ 8304

Highly suitable for windows, aviaries, animal training purposes and covering machinery.

Mesh	W.G.	Per square foot.	Mesh	W.G.	Per square foot.
3/8"	20	1/1	1 1/4"	14	11d.
1/2"	19	1/1	1 1/2"	14	11d.
5/8"	18	1/1	2"	13	11d.
3/4"	17	11d.	2 1/2"	12	11d.
1"	15	11d.			

PDS—Stock Line ; PDQ—Quick delivery ; PDO—To order only.

Scraper Mats

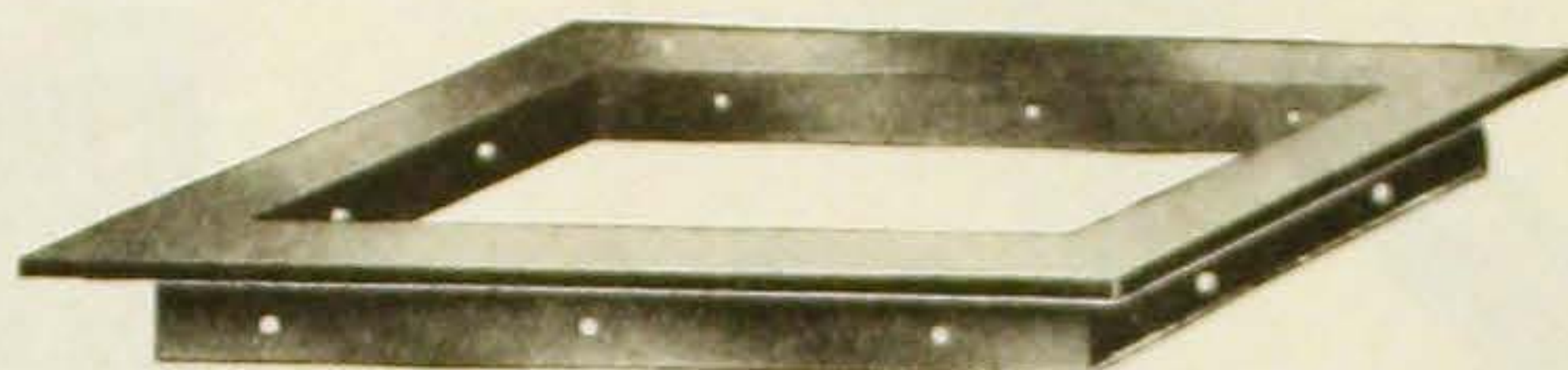
No. PHO 8766 MAT WELL

(Brass.)

Polished top, mitred at corners, not brazed.

Size.	Approx. cost per foot run.
1" x 1" x 1/8"	3/3
1 1/4" x 1 1/4" x 1/8"	4/-
1 1/2" x 1 1/2" x 1/8"	5/2

Lowest price quoted upon receipt of full particulars.



No. PHO 8766 Brass.

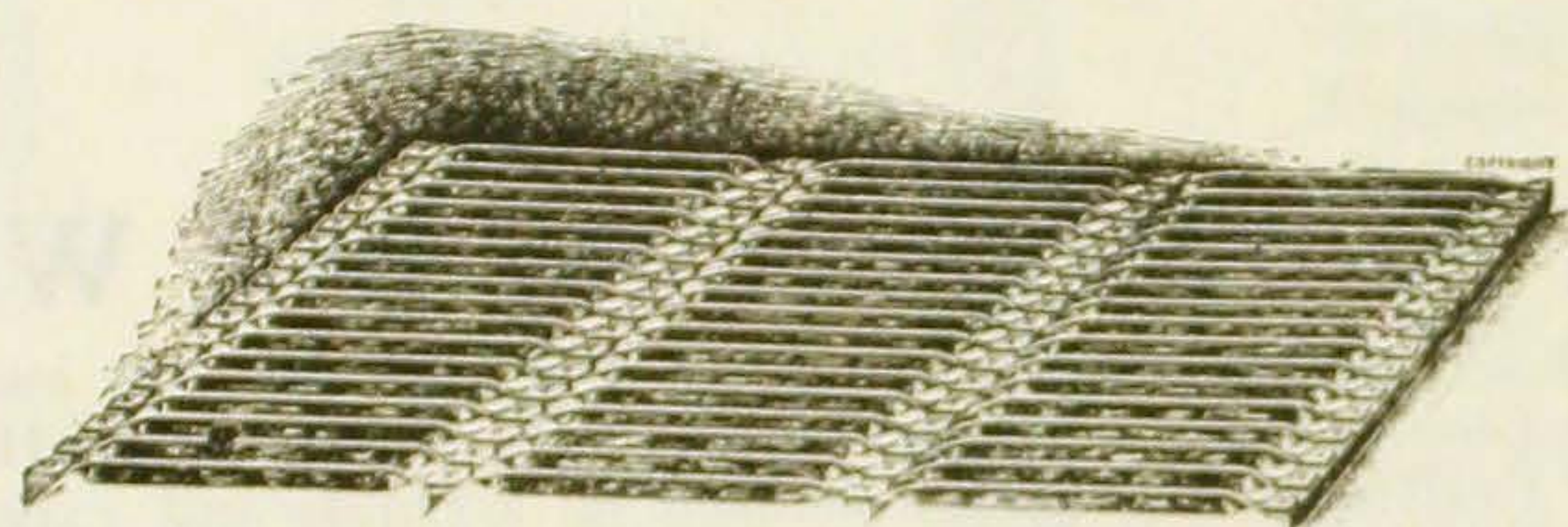
No. PHO 8767 Iron.

No. PHO 8767 MAT WELL.

Wrought Iron.

Size.	Metal.	each.
2' 0" x 1' 6"	1 1/2" x 1/4" flat iron	10/-
2' 6" x 2' 0"	" "	12/-
2' 0" x 1' 6"	1 1/2" x 1/4" angle iron	13/-
2' 6" x 2' 0"	" "	15/-

Galvanized if required Extra. Prices on application.

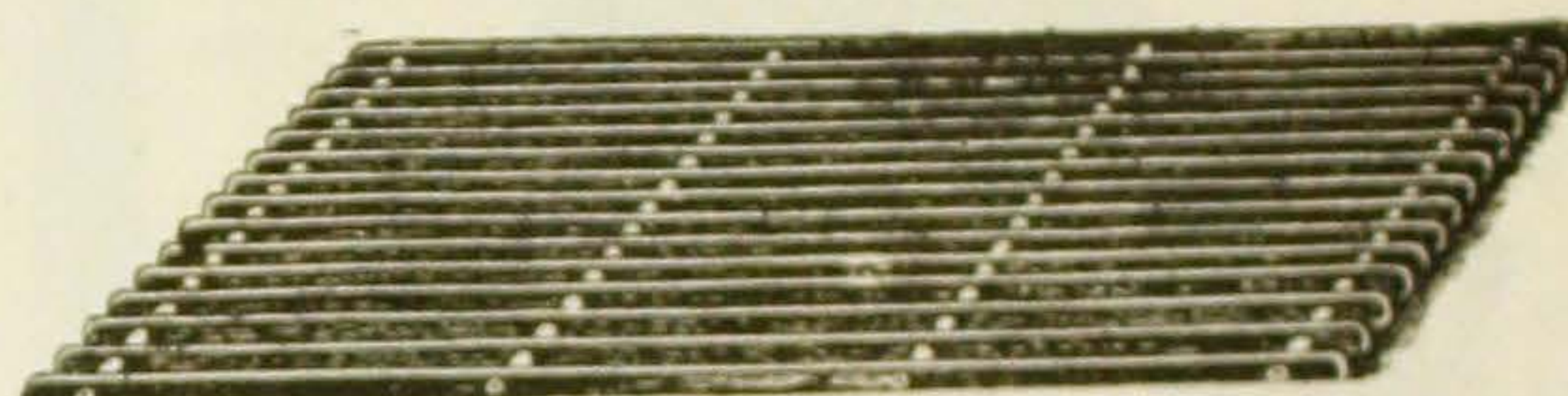


Depth 1 1/4"

No. PHS 8761

Made of English Steel, heavily Galvanized.

Size	... 15 x 12"	20 x 12"	28 x 14"	30 x 16"	33 x 16"	36 x 18"
Price	... 4/6	6/-	8/-	9/9	10/9	13/- each.



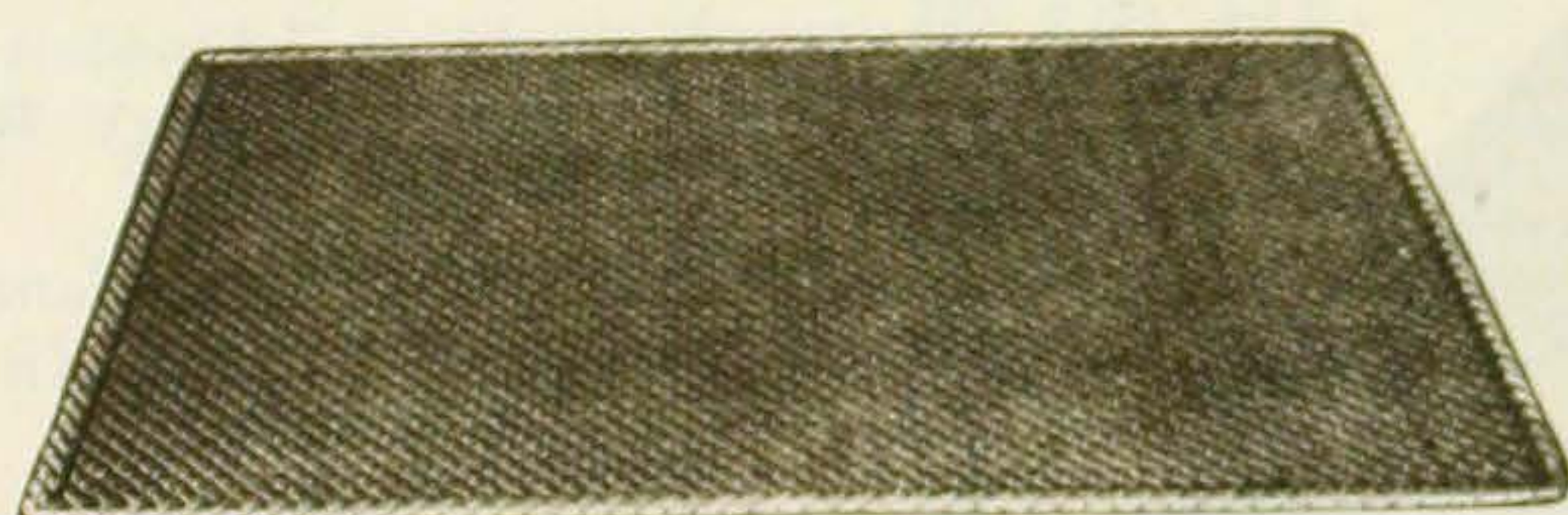
No. PHS 8760

Depth 1/2"

Cheap, strong and durable. Galvanized after made.

Size	20 x 12"	24 x 12"	28 x 14"	30 x 16"	33 x 16"	36 x 18"
Price	... 5/-	5/6	7/3	8/6	9/-	11/6 each.

Other sizes 3/- per square foot.



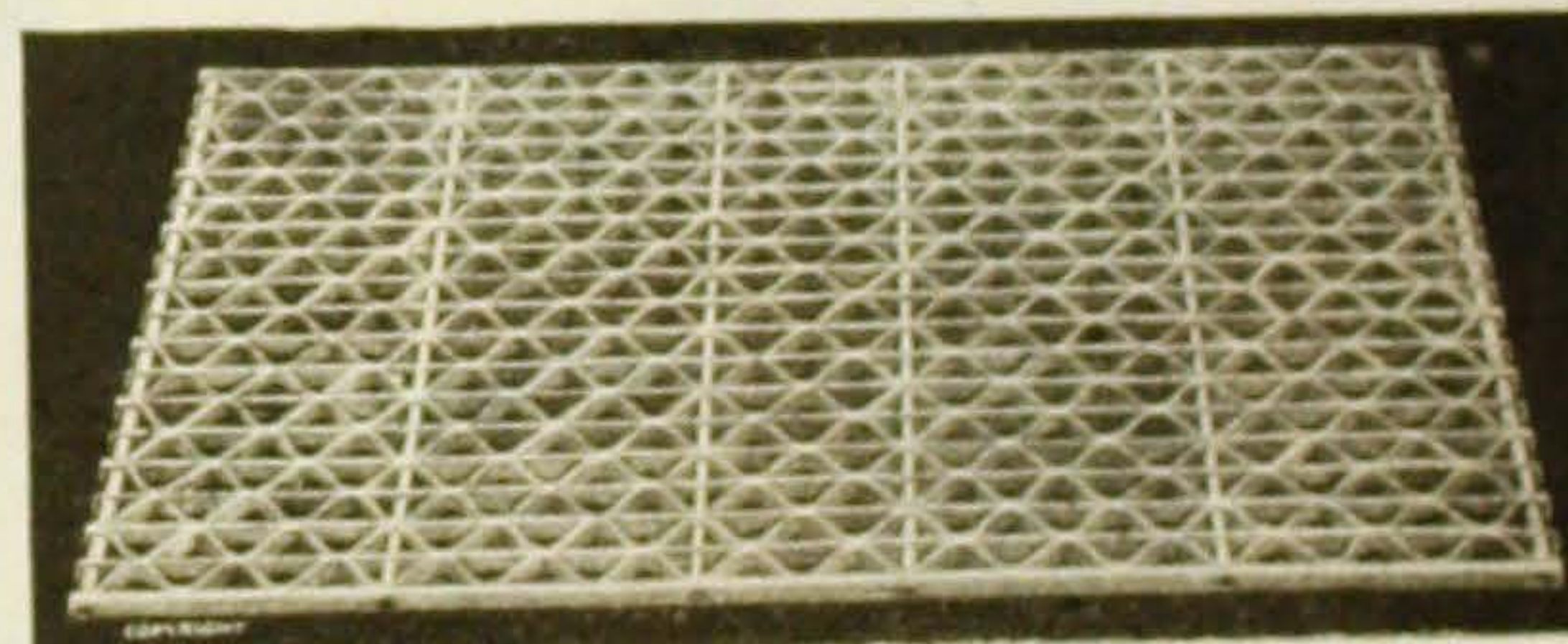
No. PHS 8765

Depth 1/2" Made of 12 gauge wire.

Fine Strong Duplex Mesh and Thick Frame.

Size	28 x 16"	30 x 18"	33 x 18"	36 x 21"	42 x 24"	48 x 30"
Price	... 14/-	15/6	17/-	20/-	25/-	36/- each.

Other sizes 4/3 per square foot. Irregular shapes, 4/9 square ft. Any lettering can be inserted at a cost of 1/- per letter.

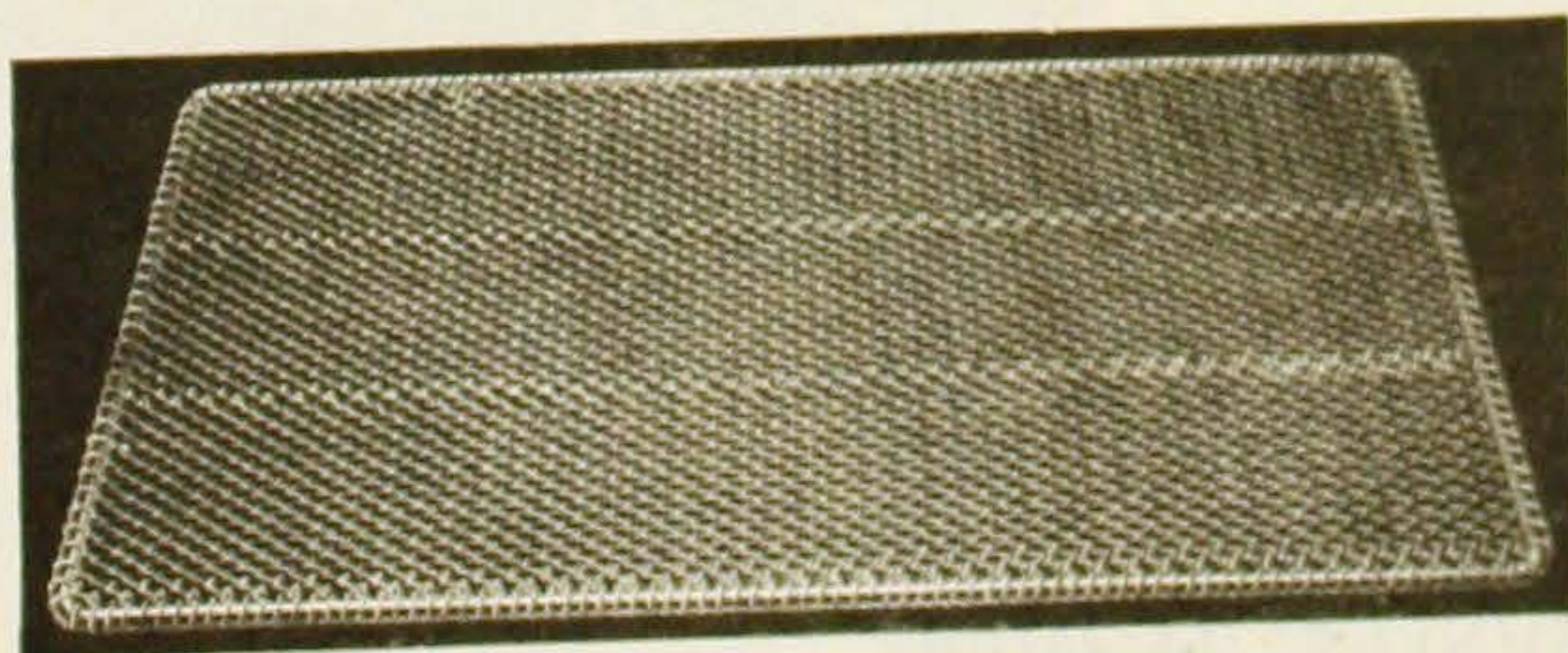


No. PHS 8762

Depth 1/2"

Cheap, strong and durable. Galvanized after made.

Size	... 18 x 30"	21 x 36"	24 x 32"	30 x 48"
As drawn	... 21/-	30/-	40/-	55/- each.
Lighter quality	... 15/-	20/-	27/6	38/6 "



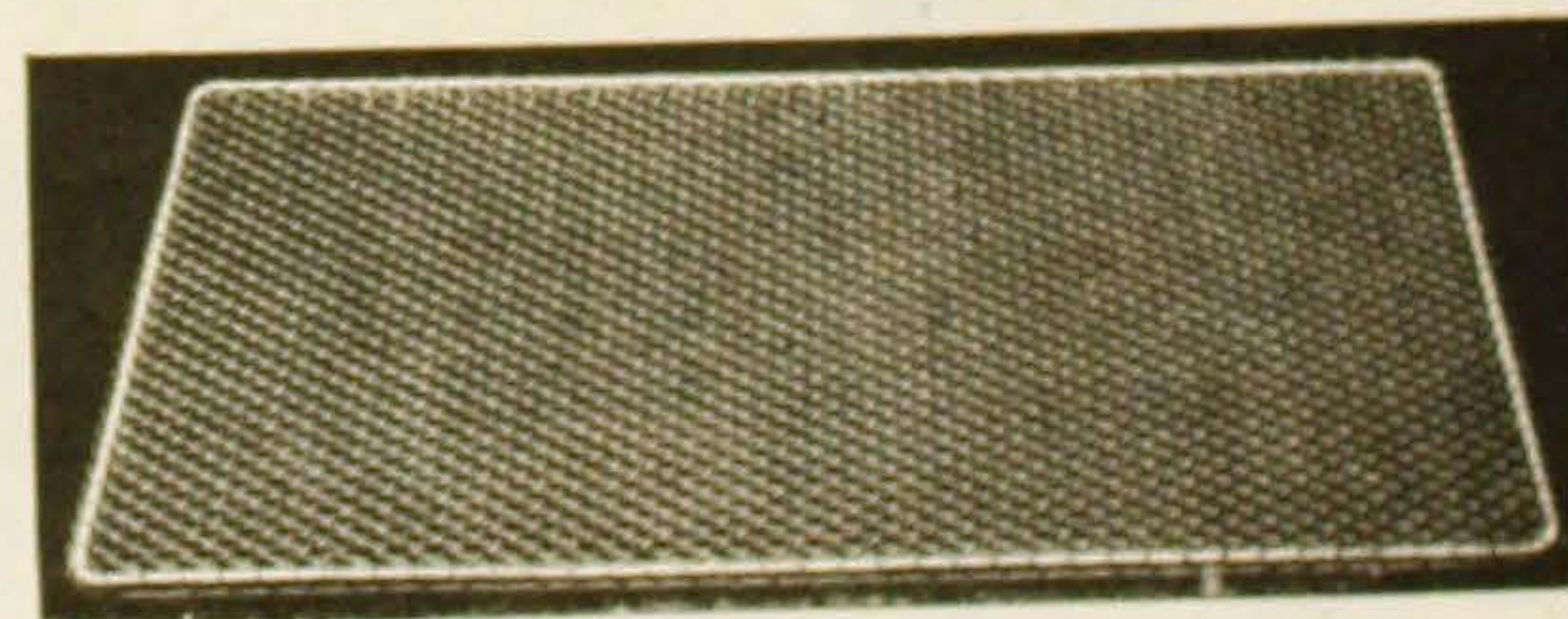
No. PHS 8764

Depth 1/2". Made of 14 gauge wire.

Made of hardest unrustable Steel Wire, on strong Galvanized Steel Frame.

Size	24 x 14"	28 x 16"	30 x 18"	33 x 18"	36 x 21"	39 x 21"	42 x 24"
Price	4/-	5/-	5/9	6/9	7/9	9/-	10/-

each.



No. PHS 8763

Depth 1/2". Made of 14 gauge wire.

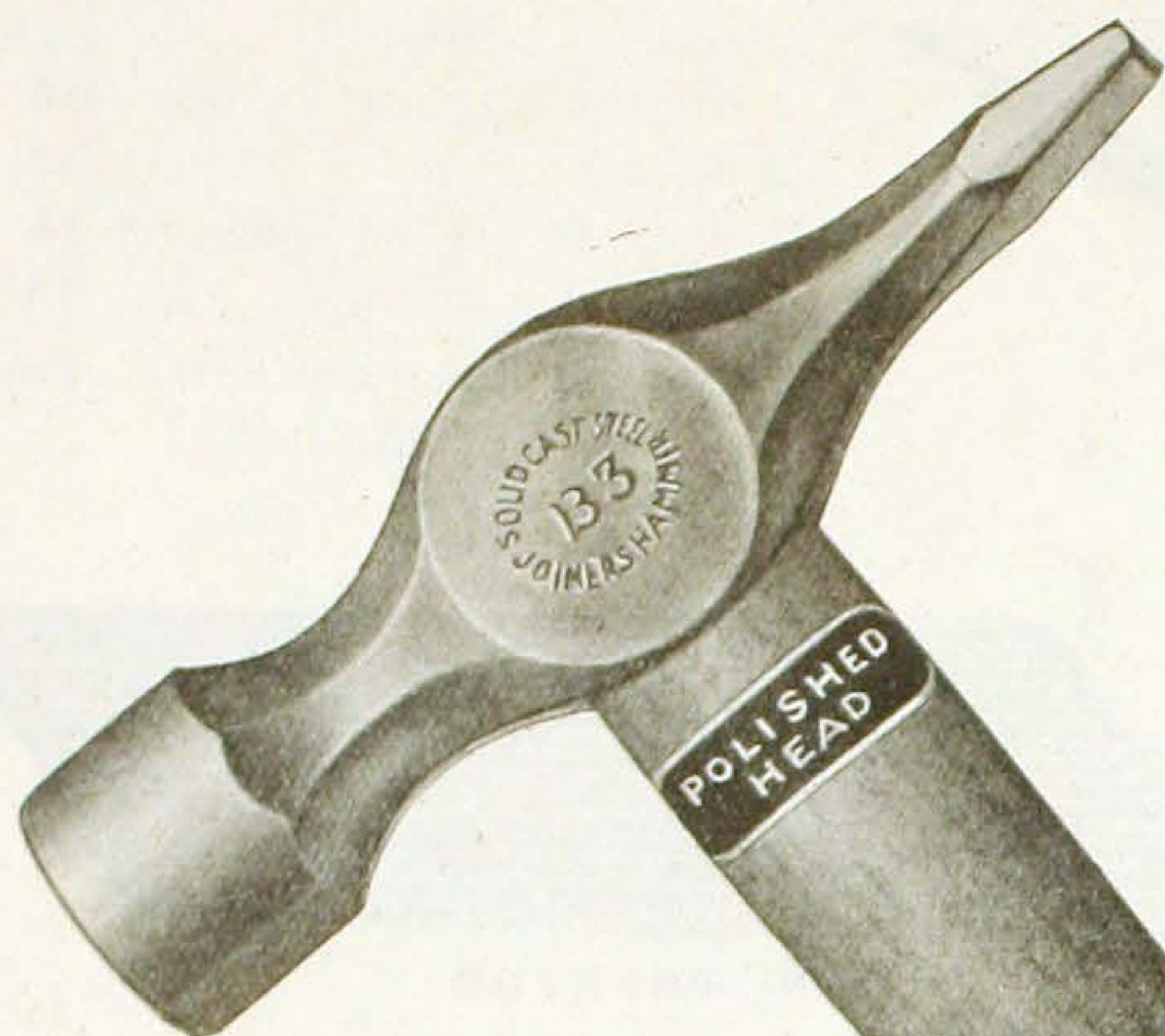
Made of smooth Galvanized Wire, Woven Duplex.

Size	... 24 x 14"	28 x 16"	30 x 18"	33 x 18"
Price	... 6/6	7/6	9/-	10/- each.
Size	... 36 x 21"	39 x 21"	42 x 24"	48 x 30"
Price	... 12/-	13/-	15/6	21/- each.

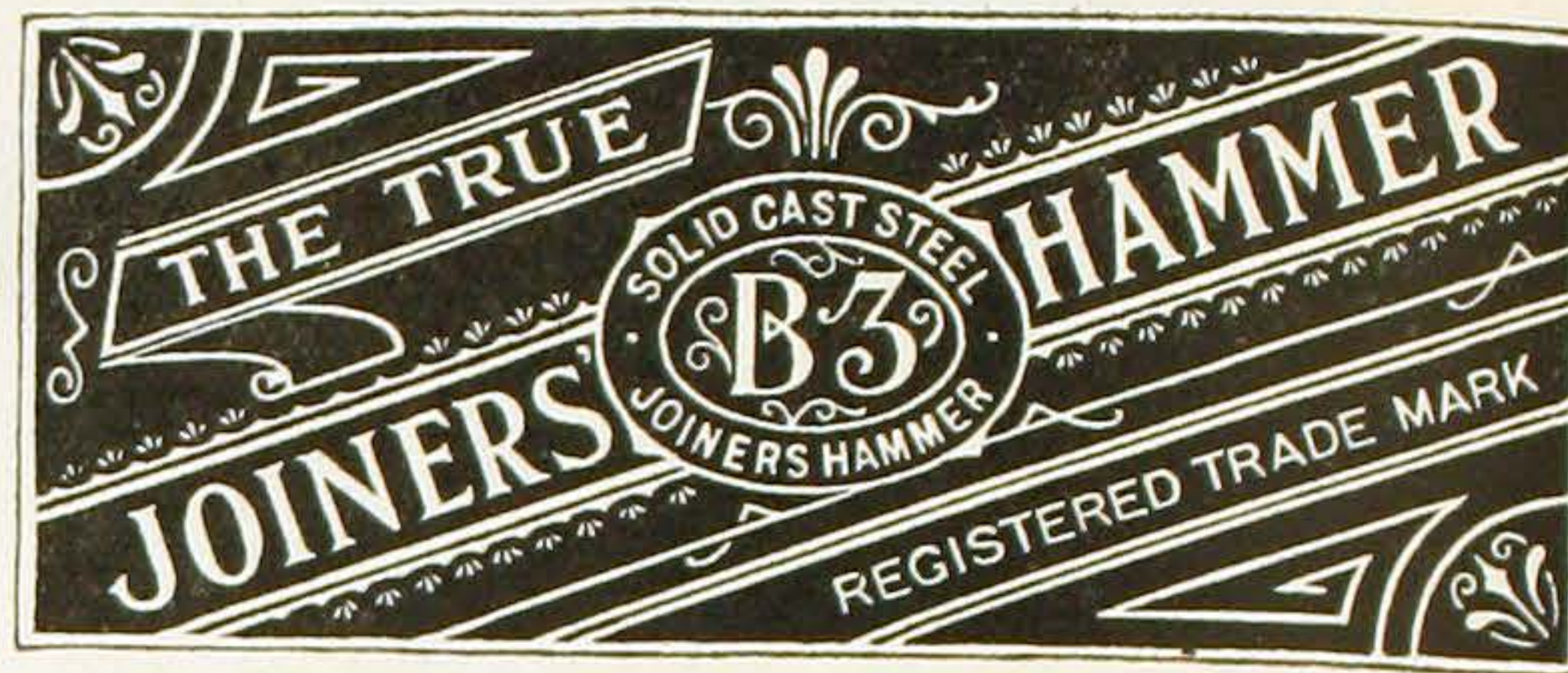
Other sizes 2/6 per square foot. Irregular shapes 3/- square foot. This Mat can be Lettered at a cost of 1/- per letter.

JOINERS' TOOL SECTION

Joiners' Hammers



Look for this Label
on the Handle.



Fac-simile of Reg'd. Label.

The Best Hammer for Best Work

Throughout the Joinery Trade this "B.3." Hammer is known — and has been known for over 50 years—as the finest possible Hammer for the Craftsman who prides himself on accurate and expeditious work. It is, in fact, the

famous B.3. pattern

—the standard to which other makes aspire but never attain.

Handle it and you will be impressed by the beautiful symmetry of its design, and the comfortable "balance" of its weight. Note—in particular—the Serrated Wedge which locks in the handle and will not loosen.

The "B.3." is now obtainable in 3 Finishes of Heads — Polished, Oxidised and Ordinary Black and Bright, to suit all tastes.

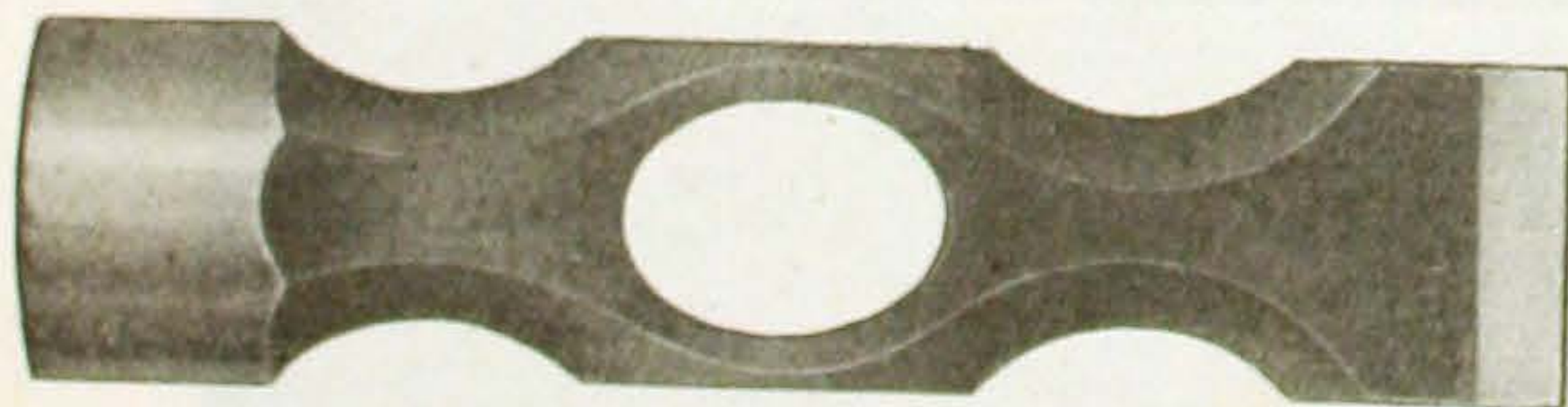
Handsome Tools all of them and worthy of a place in every Joiner's Kit.



Handsome Finish
Oxidized Head.



The Standard
Black and Bright
Ordinary Finish.



Note the shape, strength and balance
revealed in this Plan View.



The Handle is secured by
a Serrated Wedge which
NEVER COMES
OUT.



No. PHS 8125

Sizes and weights of the B.3. JOINERS' HAMMERS.

Sizes	...	...	00	0	1	2	3	4	5	6	7	8
Weight	...	...	6	8	10	12	14	16	18	20	22	25 ozs.
All Bright Finish	...	...	1/3	1/3	1/4	1/5	1/7	1/10	2/2	2/6	3/-	3/6 each.
Oxidised Finish	...	...	1/4	1/4	1/5	1/7	1/9	2/-	2/4	2/8	3/2	3/9 "

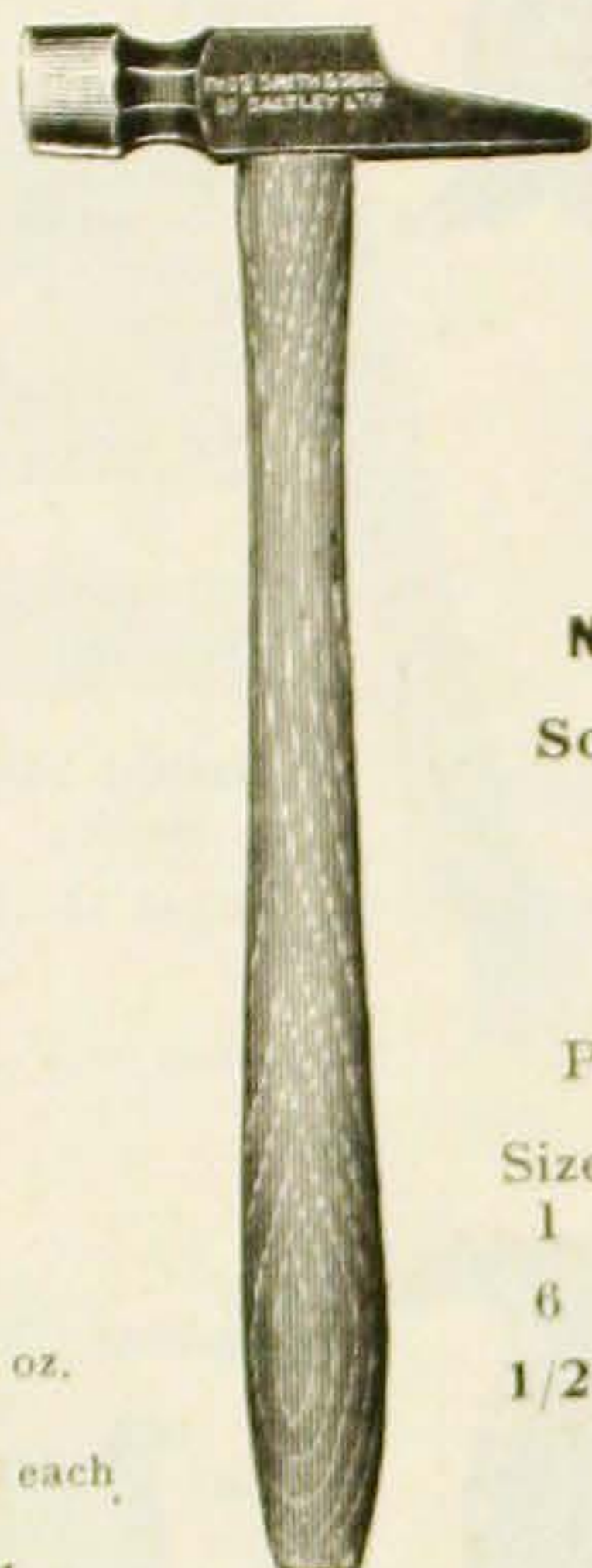
Insist on the true B.3 Joiner's Hammer — refuse substitutes.

Hammers

**No. PHS 8126**

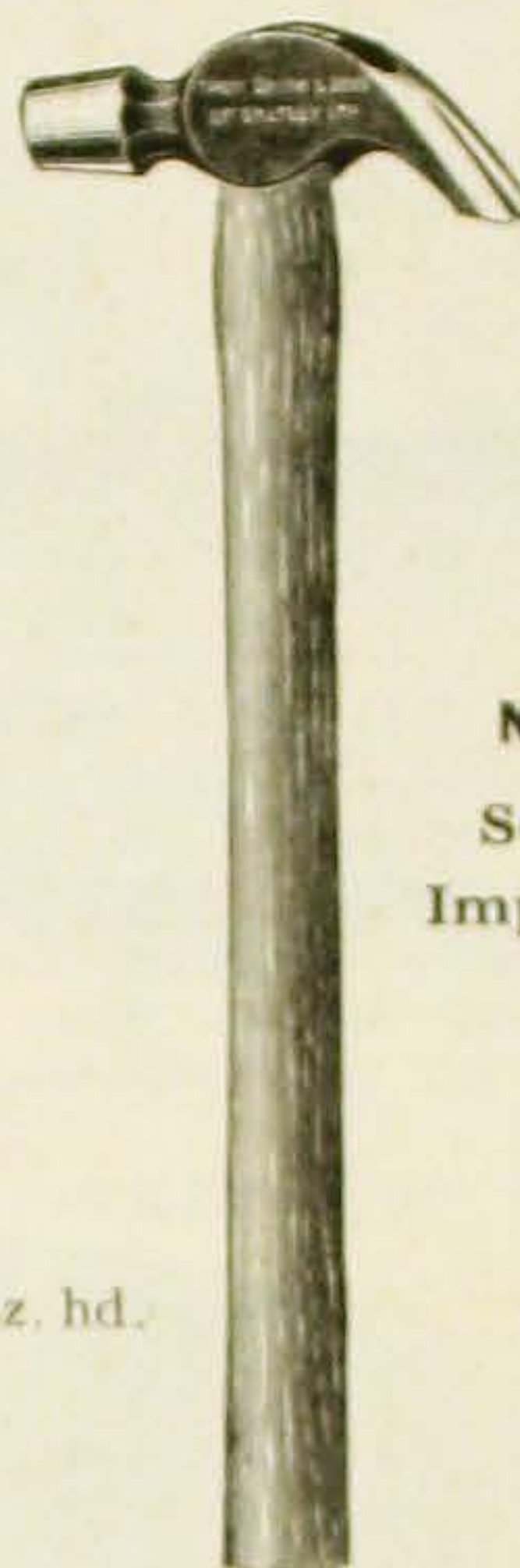
Super
Machinists'
Hammer.

Size	1	2	3	4	5	6	7
Weight of head	8	12	16	20	24	28	32 oz.
Bright & Black ordinary fin.	1/7	1/8	1/10	2/2	2/4	2/9	3/2 each.
All Bright Highly Pol. Head	2/4	2/4	2/6	2/9	3/-	3/5	3/11 „
Ox. Head, Oak stained handle	2/6	2/6	2/9	3/2	3/8	4/2	4/8 „

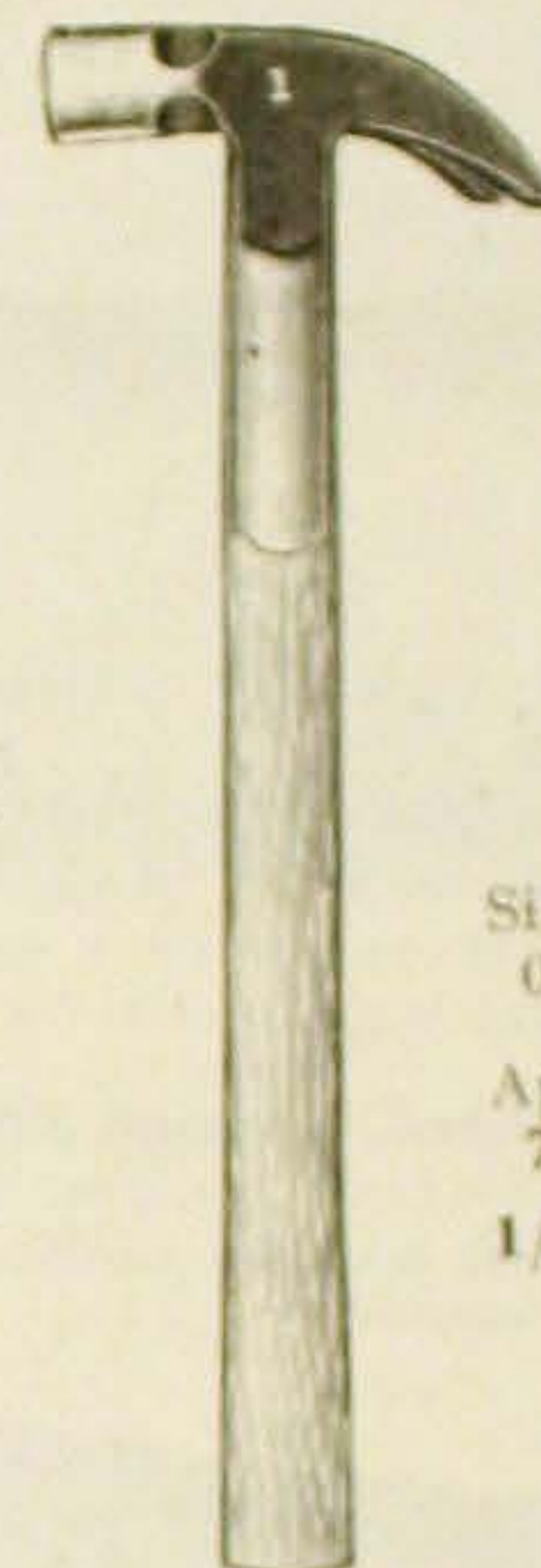
**No. PHS 8127**

Solid Cast Steel
London
Riveting
Hammer.
Polished Handles.

Size—	1	2	3	4	5	6
	6	8	10	12	14	16 oz. hd.
	1/2	1/3	1/4	1/5	1/6	1/7
	each.					

**No. PHS 8128**

Solid Cast Steel
Improved Farriers'
Hammer.
(12 oz. head.)
3/- each.

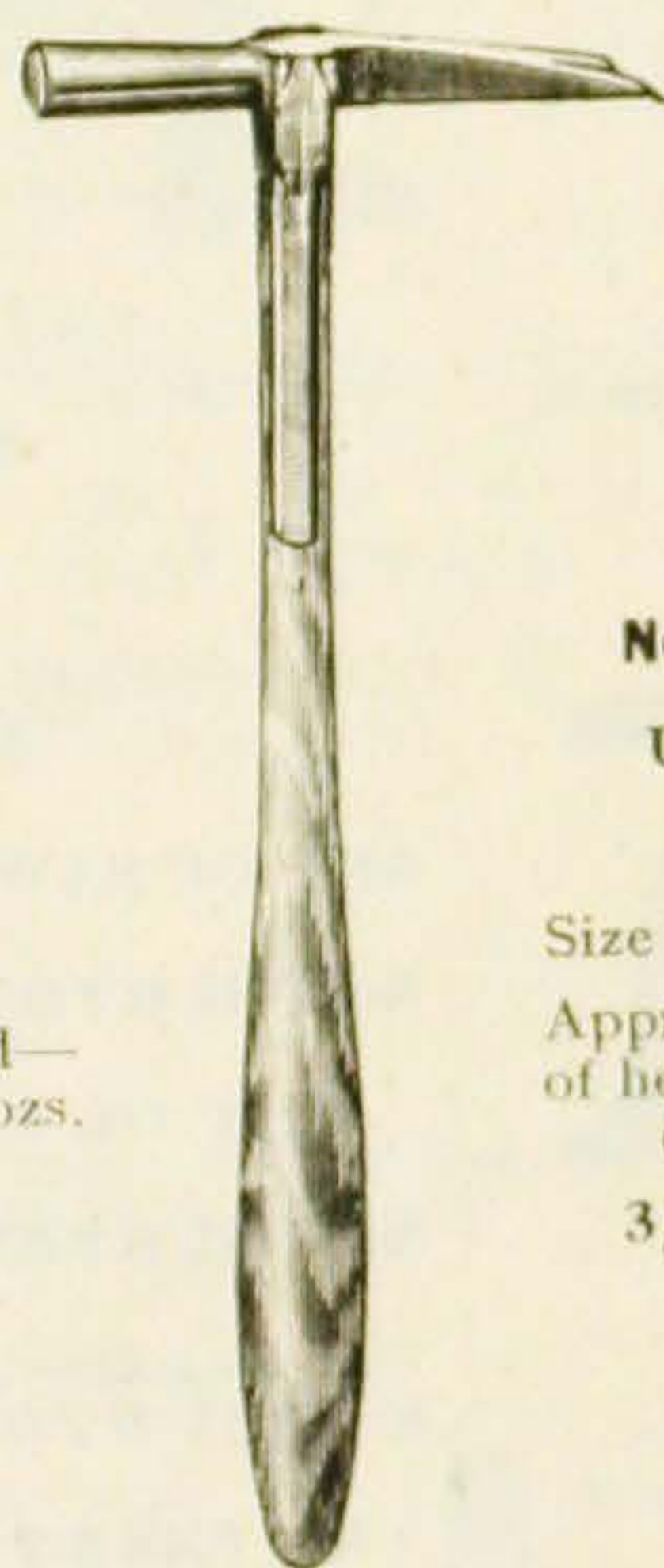
**No. PHS 8129**
Common
Canterbury
Hammer.

Size—	0	1	2	3	4
Approx. weight of head—	7	10 1/2	11 1/2	13	16 ozs.
	1/5	1/7	1/10	2/-	2/3
	each.				

**No. PHS 8130**

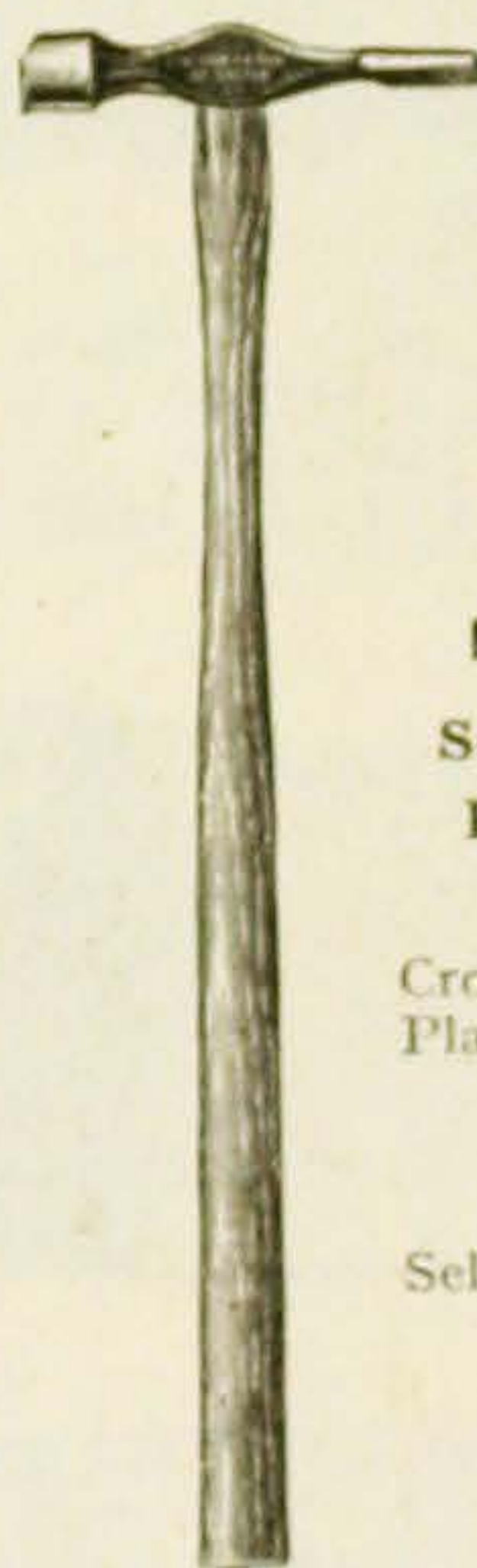
Superior Quality
Solid Steel
Canterbury
Hammer.

Size	0	1	2	3	4
Approx. weight of head—	8	10	12	14	16 ozs.
	2/10	3/2	3/6	3/8	4/-
	5	6			
	19	22 oz.			
	4/3	4/6			
	each.				

**No. PHS 8131**

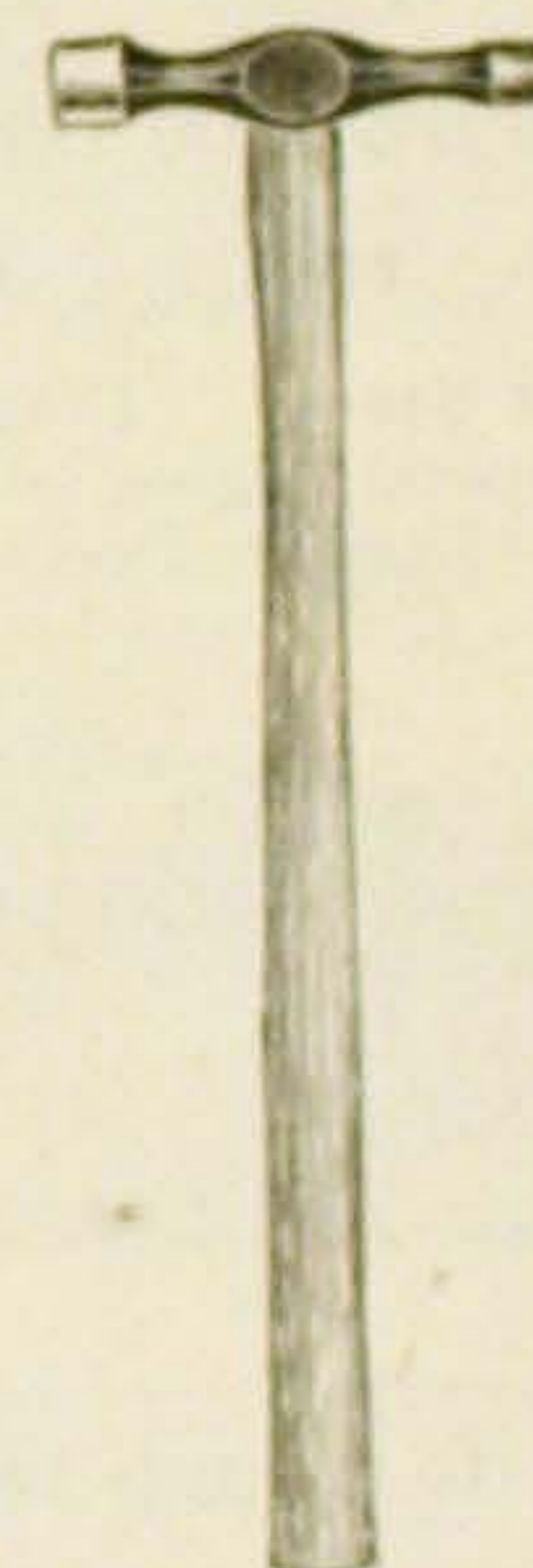
Upholsterers'
Hammer.

Size	1	2	3
Approx. weight of head—	6	8	10 ozs.
	3/8	4/-	4/3 each.

**No. PHS 8132**

Solid Cast Steel
Patternmakers'
Hammer.

Cross Pein, 4 oz. head.
Plain Ash Handle, all
bright Head.
2/- each.
Self colour, 1/6 each.

**No. PHS 8133**

Solid Cast Steel
Joiners'
Pin Hammer.

Ball Pein, 3 oz. Head.
Polished Ash Handle.
1/2 each.

**No. PHS 8137**

Motor Hammer.
Solid Cast Steel,
Polished Handle.

8, 10 or 12 in.
1/2 lb. Head, 1/3 each.
1 lb. Head, 1/5 each.

**No. PHS 8135**

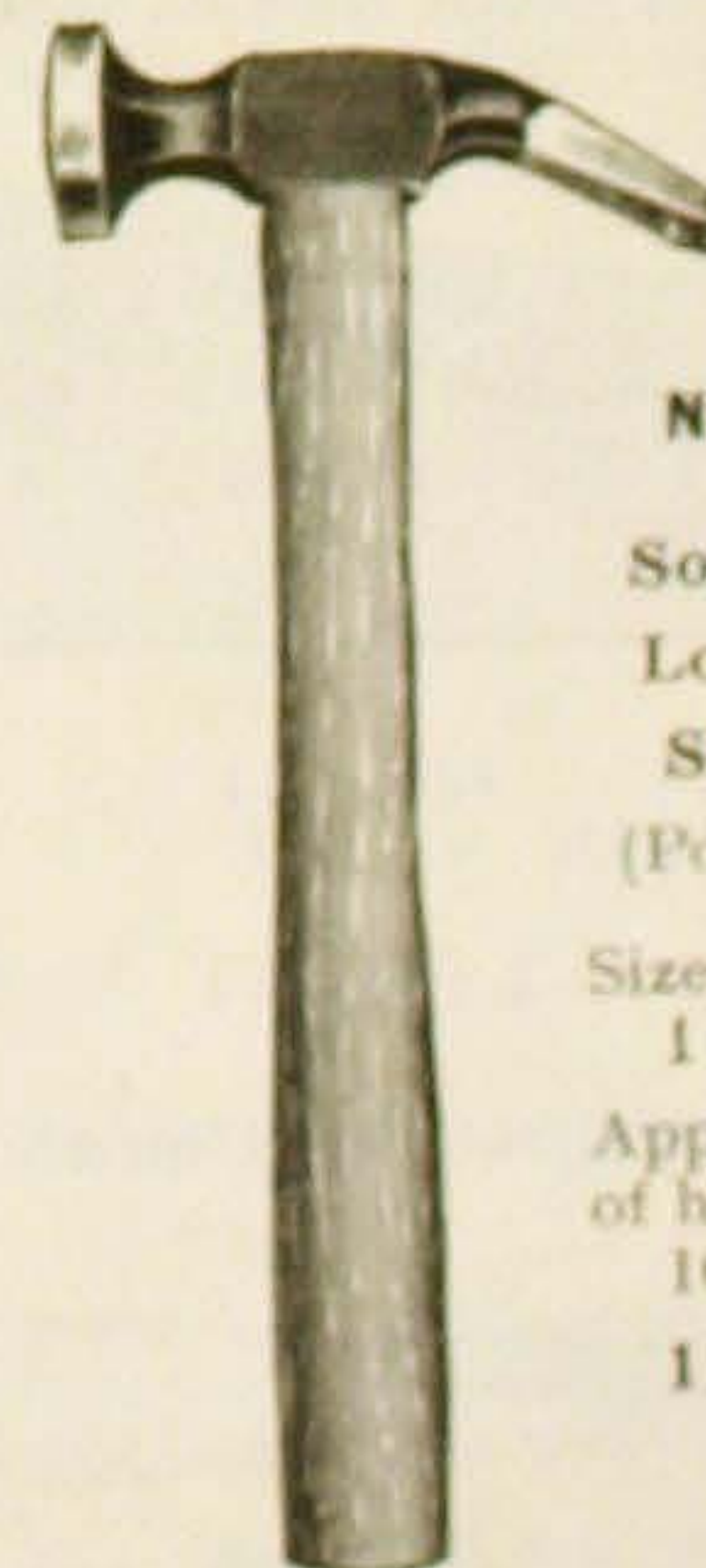
Gardeners'
Hammer.

Size	1	2	3
Approx. weight of head—	10	12	14 ozs.
	3/4	3/7	3/10
	each.		

**No. PHS 8136**

Black Claw Tack
Hammer.

Approx. weight of
head, 3 ozs.
10d. each.

**No. PHS 8134**

Solid Cast Steel
London Pattern
Shoe Hammer.
(Polished Handles).

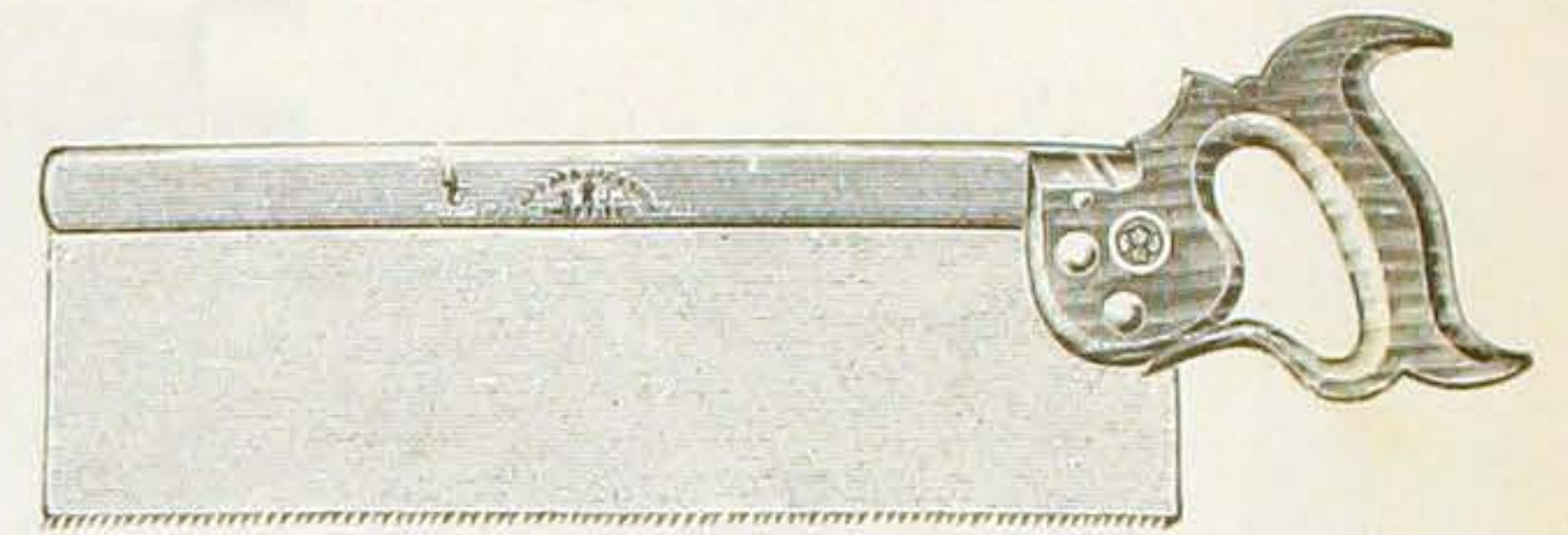
Size—	1	2	3
Approx. weight of head—	10	13	16 ozs.
	1/9	1/10	2/2
	each.		

SAWS

Vanadium Alloy Steel, "Mermaid" Brand. Improved Temper, mirror polish, carved hardwood handle. Polished all over. Raised Brass screws.



Warranted Cast Steel. "Leap Frog" Brand. English Beech Handle, improved brass screws. This is the leading "all round" Carpenters' Backsaw.



Skew Back.	20	22	24	26	28 inches.
Standard sizes of Teeth	(10, 12)	(10, 12)	(7, 8)	(5½, 6, 6½, 7)	(3½, 4) points to inch.
No. PHS 6780	16/-	16/10	17/10	18/8	20/4 each.

The above Saws are the best that can possibly be made, regardless of price. The blade is made from a secret alloy of Vanadium Steel, of great toughness, and will work longer than any other saw without sharpening, being at the same time more difficult to buckle in use. They will usually cut through nails or other hard materials in wood without damage, but are not guaranteed in this respect.

Silver Steel, Warranted, London Spring. "Mermaid" Brand, Sorbitic Temper, mirror polish. English Beech handle, polished all over. Raised brass screws.



Standard sizes of Teeth	20	22	24	26	26 Rip	28 Rip inches.
	(10, 11, 12)	(10, 11, 12)	(6, 7, 8)	(5, 5½, 6, 6½, 7, 8)	4	3½, 4 points to inch.
No. PHS 6781						
Skew Back	11/7	12/6	14/7	14/11	14/11	16/5 each.

Best Warranted Cast Steel. "Leapfrog" Brand. Improved temper. Highly polished. Raised Brass Screws. English Beech Handles.



Standard sizes of Teeth	20	22	24	26	26 Rip	28 Rip inches.
	(10, 11, 12)	(8, 10, 11, 12)	(5, 5½, 6, 7, 8)	(4½, 5, 5½, 6, 6½, 7)	(4, 4½)	(3½, 4) points to in.
No. PHS 6782						
Straight Back	9/8	10/9	12/-	12/4	12/4	13/3 each.

The "Aetna" Hand Saw. Warranted Cast Steel. English Beech Handle, polished on edges. A reliable article for household and amateur's use.



Standard Sizes of Teeth	12	14	16	18	20	22	24	26 inches.
	8	8	8	(7, 8)	(7, 8)	(6, 7)	(5, 6, 7)	(4½, 5, 6, 7) pts. to in.
No. PHS 6783								
Straight Back	2/10	3/1	3/4	3/7	3/11	4/2	4/7	5/- each.

LIGHTNING PATTERN PRUNING SAW.

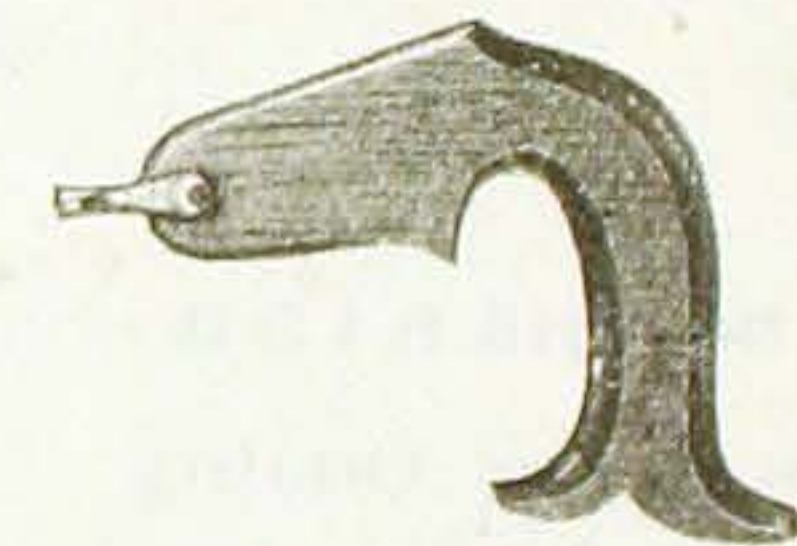
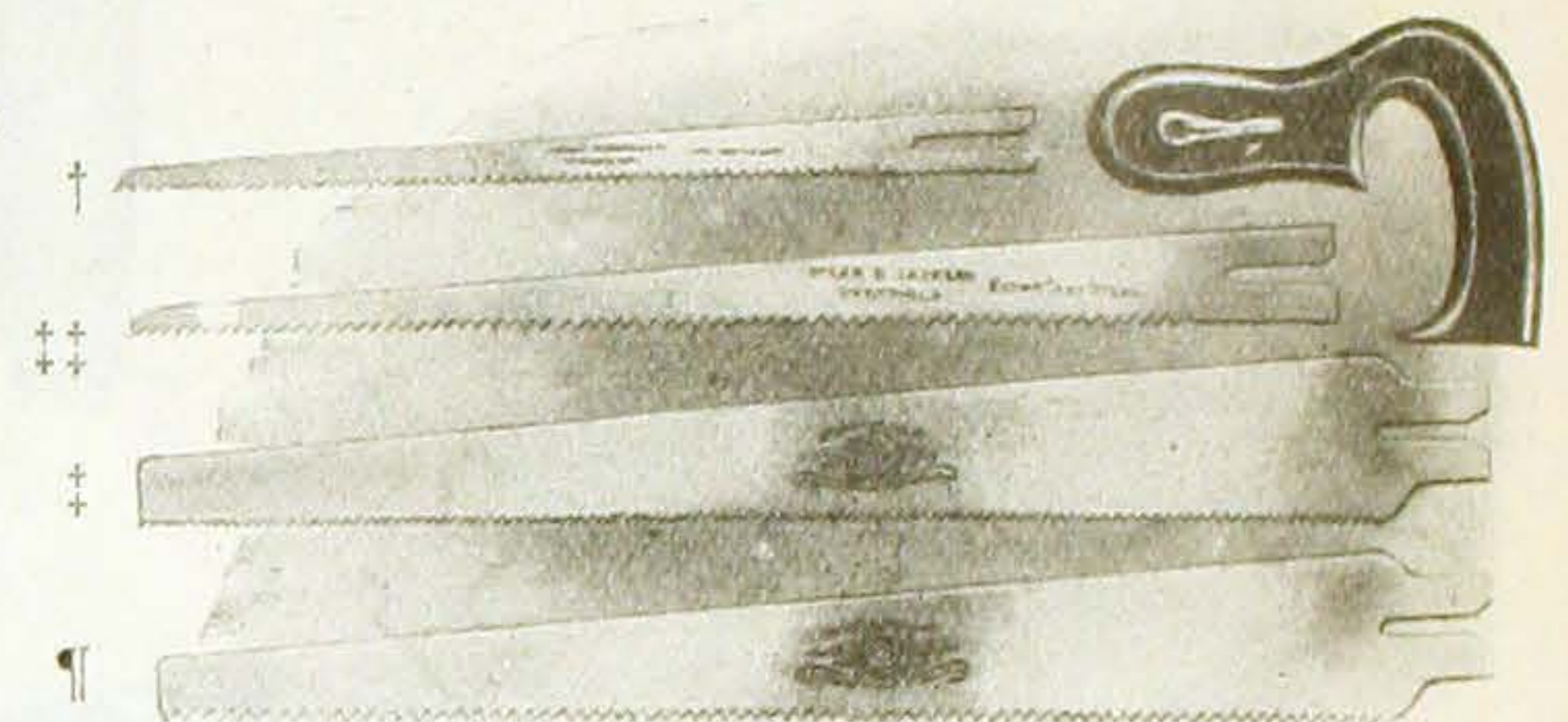


Double Edge, Set and Sharpened. English Beech Handles, polished on edges. Improved Nickel Plated Screws.

No. PHS 6785	14"	16"	18"	20"
"Mermaid" Brand	4/4	4/7	5/-	5/4 each.
No. PHS 6786				
"John Cockerill" Brand	3/9	3/11	4/2	4/4 "

No. PHS 6784

	8"	10"	12"	14"	16"
Bright Steel					
Back	9/3	9/3	10/-	10/8	11/11 ea.
Brass Back	11/11	11/11	13/3	14/11	17/3 "

Handle
NEST OF SAWS. No. PHS 6790"PERFECT" HANDLE
No. PHS 6789

SET OF SAWS with "Perfect" Lever Handle. as **No. PHS 6789**

No. PHS 6787 With 4 blades 9/5 each set.
" 3 " " 6/5 " "

SET OF SAWS with ordinary handle, as **No. PHS 6790**

No. PHS 6788 with 3 blades 5/11 each set.
" 4 " " 8/6 " "

with 3 blades "John Cockerill" quality 3/1
No. PHS 6789 "Perfect" Lever Hdl. 1/11 each.

" " fittings 5d. set.
No. PHS 6790 Ordinary Handle 1/5 each.

" " Fittings 4d. set.
No. PHS 6791 Plumbers' Saw Blade 3/- each.

No. PHS 6792 Pruning Saw Blade 2/5 "

No. PHS 6793 Compass Saw Blade 1/5 "

No. PHS 6794 Keyhole Saw Blade 1/- "

COMPASS OR LOCK SAW

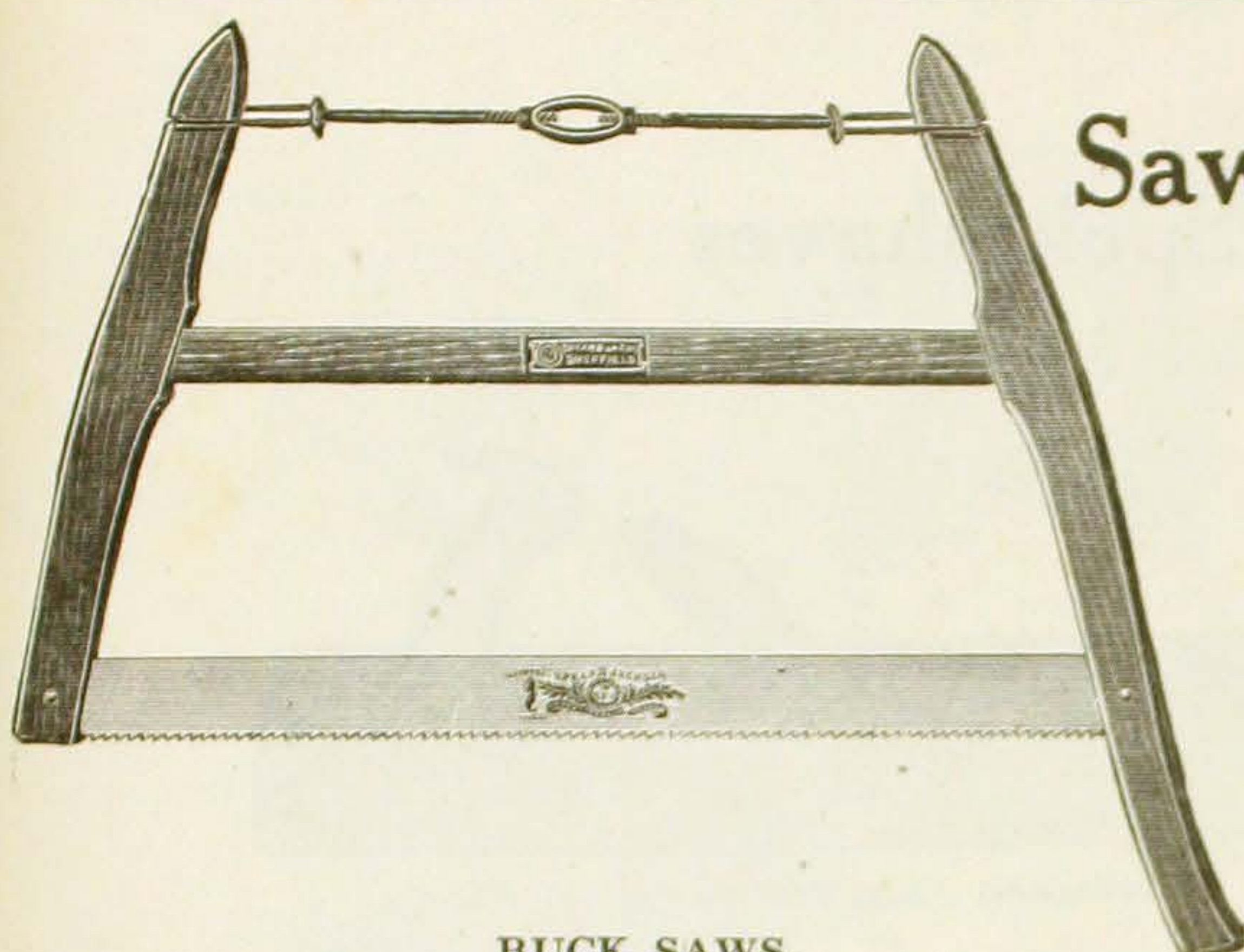
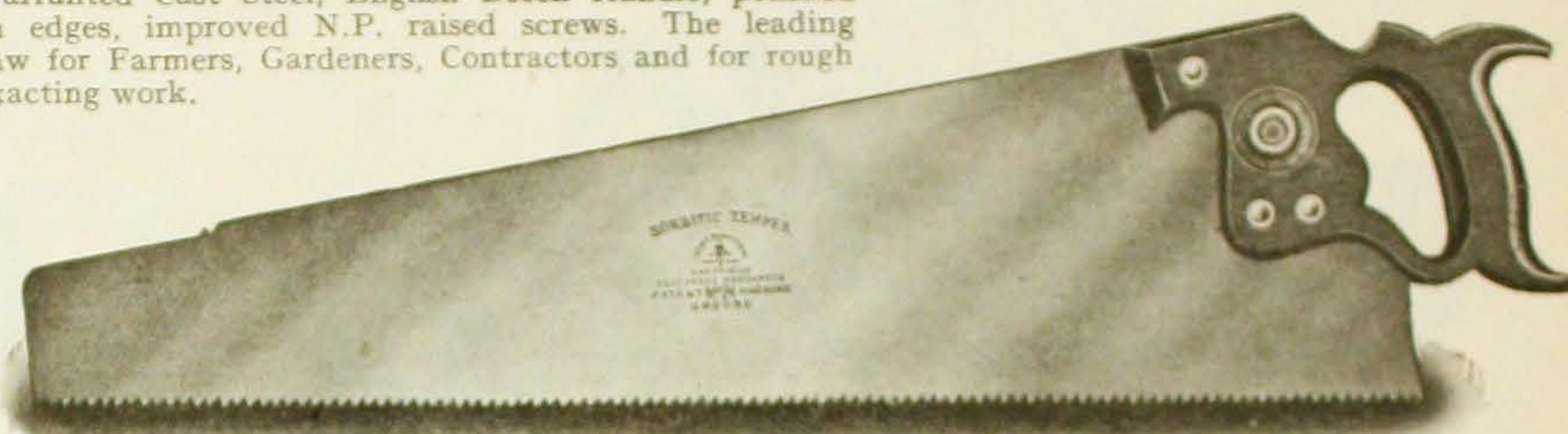
Set and sharpened. English Beech Handles, raised Nickel Plated screws.

	12"	14"	16"
No. PHS 6795 "Mermaid"			
Brand	3/2	3/4	3/8 each.
"John Cockerill" Brand	2/5	2/7	— "

Saws and Fittings

The "Lloyd Davies" Hand Saw.

Warranted Cast Steel, English Beech Handle, polished on edges, improved N.P. raised screws. The leading Saw for Farmers, Gardeners, Contractors and for rough exacting work.

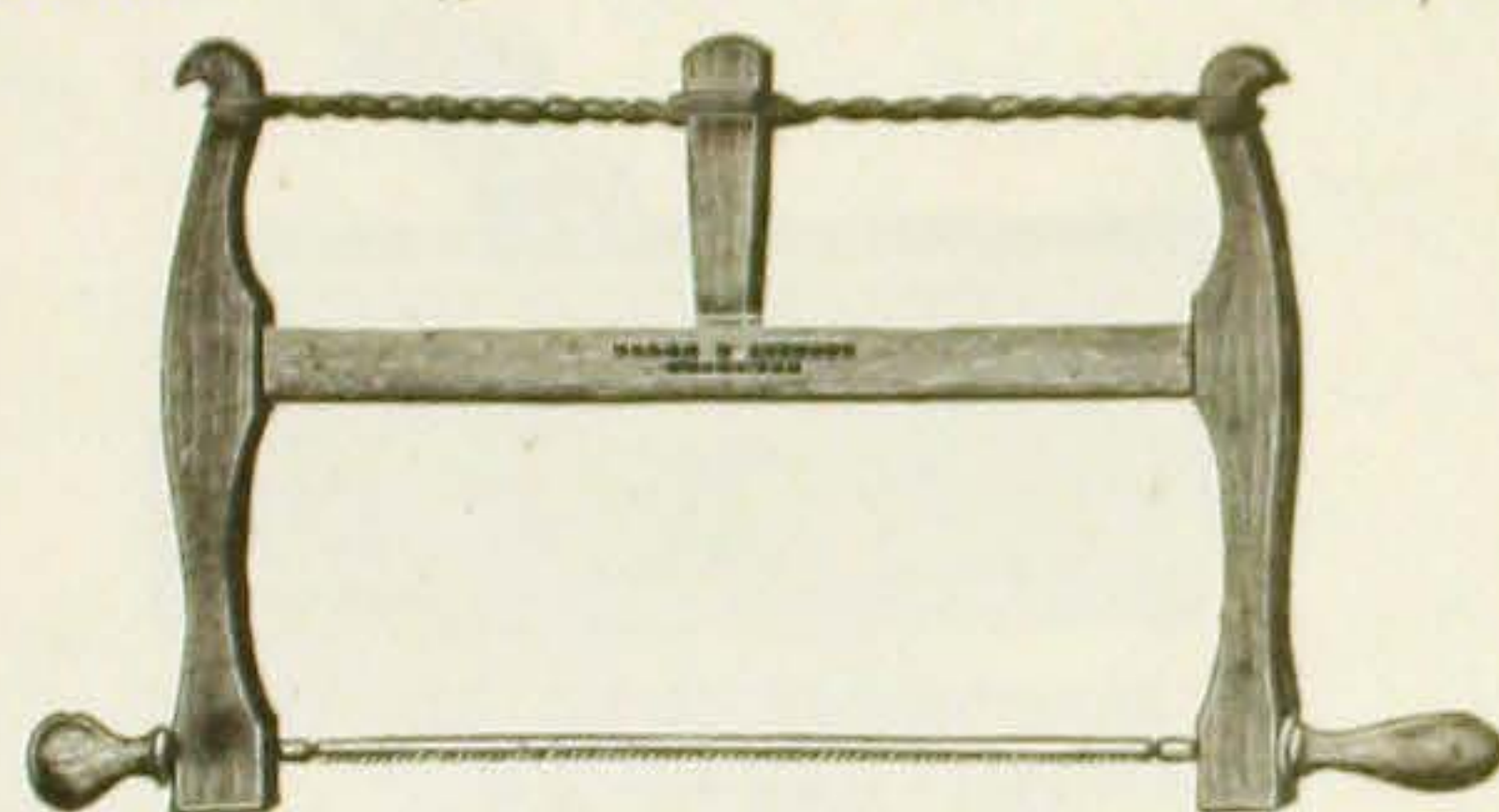


BUCK SAWS.

Complete with Webs. Set and sharpened.
Blade 30" x 2 1/2 in.

No. PHS 6796

"Mermaid" Brand	...	9/6 each.
"Lightning"	...	11/9 "
"American"	...	11/9 "



TURNING FRAMES.

Beech Handled Frame, with Wire Stretcher.

No. PHS 6797

10"	12"	14"	16"	18"	20"	22"	24"
7/9	8/7	9/2	10/8	12/7	14/4	15/11	19/6 each.

ONE-MAN CROSS-CUT FITTINGS.



No. PHS 6804

Beech Handles, Slit and bored complete with screws.
For Saws up to 3' 0" For Saws 3 1/4' to 5'
2/- each. 2/1 each.

HANDLES FOR CROSS-CUT SAWS.



Climax pattern reversible handle.
13 1/2" long x 1 1/8" at strongest part.

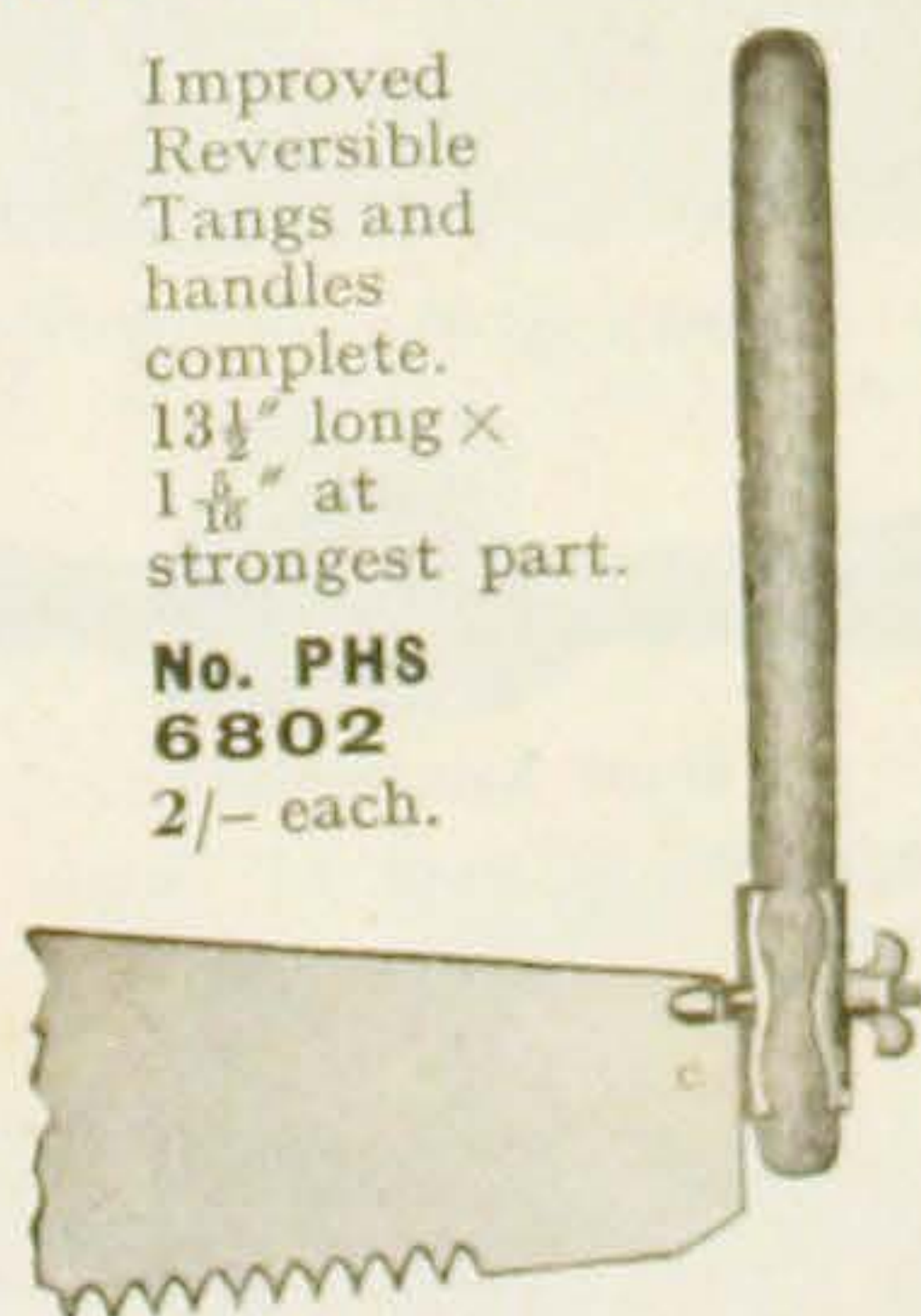
No. PHS 6803

2/- each.

Improved Reversible Tangs and handles complete.
13 1/2" long x 1 1/8" at strongest part.

No. PHS 6802

2/- each.

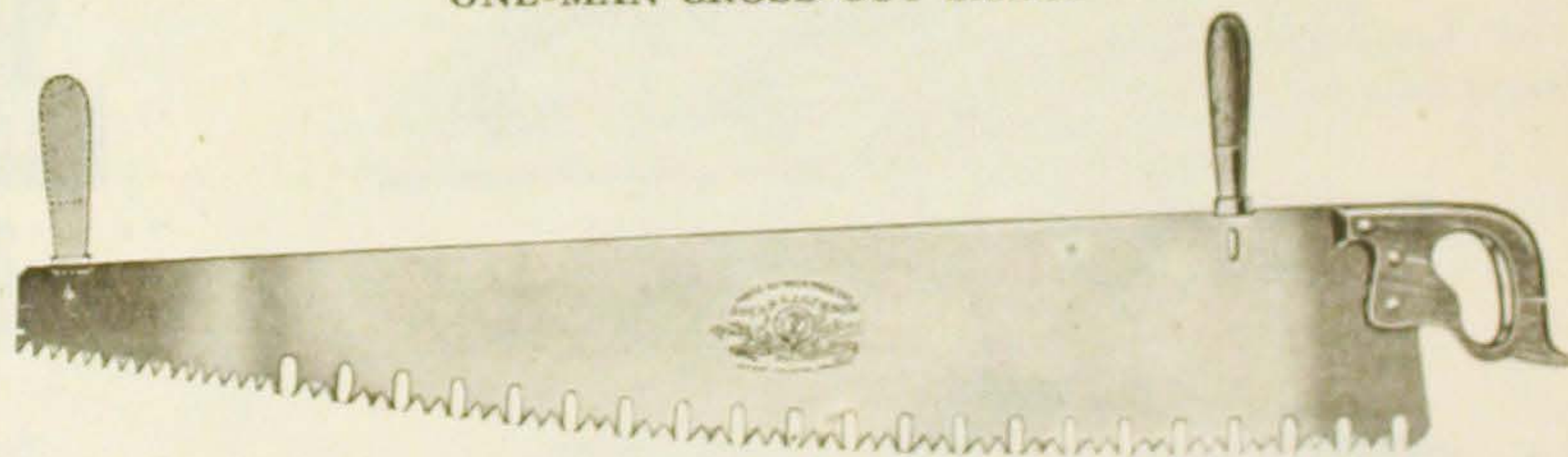


The "Lloyd Davies" Special Farmer's Hand Saw.
Warranted Cast Steel. English Beech Handle, polished on edges, improved N.P. raised screws. With special tooth for green and wet wood.



No. PHS 6799	...	...	...	...	24	26 inches.
					8/8	8/11 each.

ONE-MAN CROSS-CUT SAWS.



With one supplementary handle, set and sharpened.

No. PHS 6800

	2 1/2	3	3 1/2	4	4 1/2	5 feet.
"Mermaid" Brand	...	...	...	...	...	12/- 12/9 14/9 17/3 19/9 22/9 each.
"Aetna"	...	...	...	...	...	8/9 9/9 10/9 12/9 14/6 16/6 "

CROSS-CUT SAWS.



No. PHS 6801

Cross Cut Saws, "Mermaid" Brand

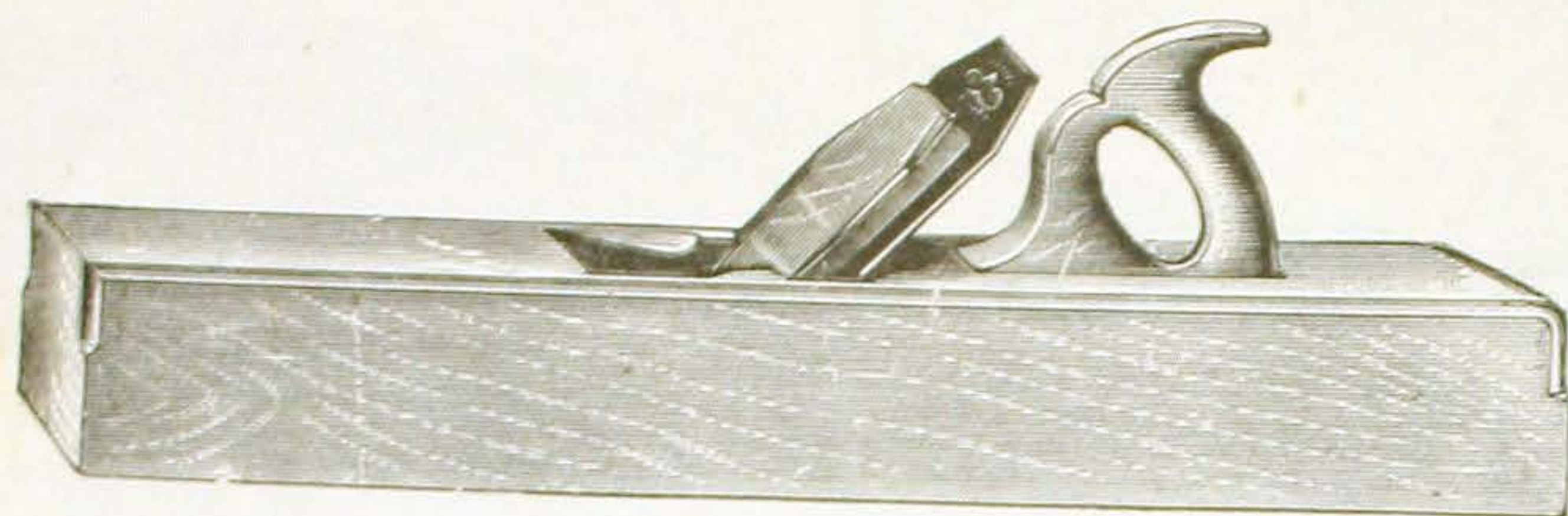
3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7 feet.
...	...	...	...	...	...	...	...	...
11/3	13/-	14/-	16/3	19/6	20/6	23/9	26/-	28/3 each.

SUPPLEMENTARY HANDLES.



No. PHS 6805 1/3 each.

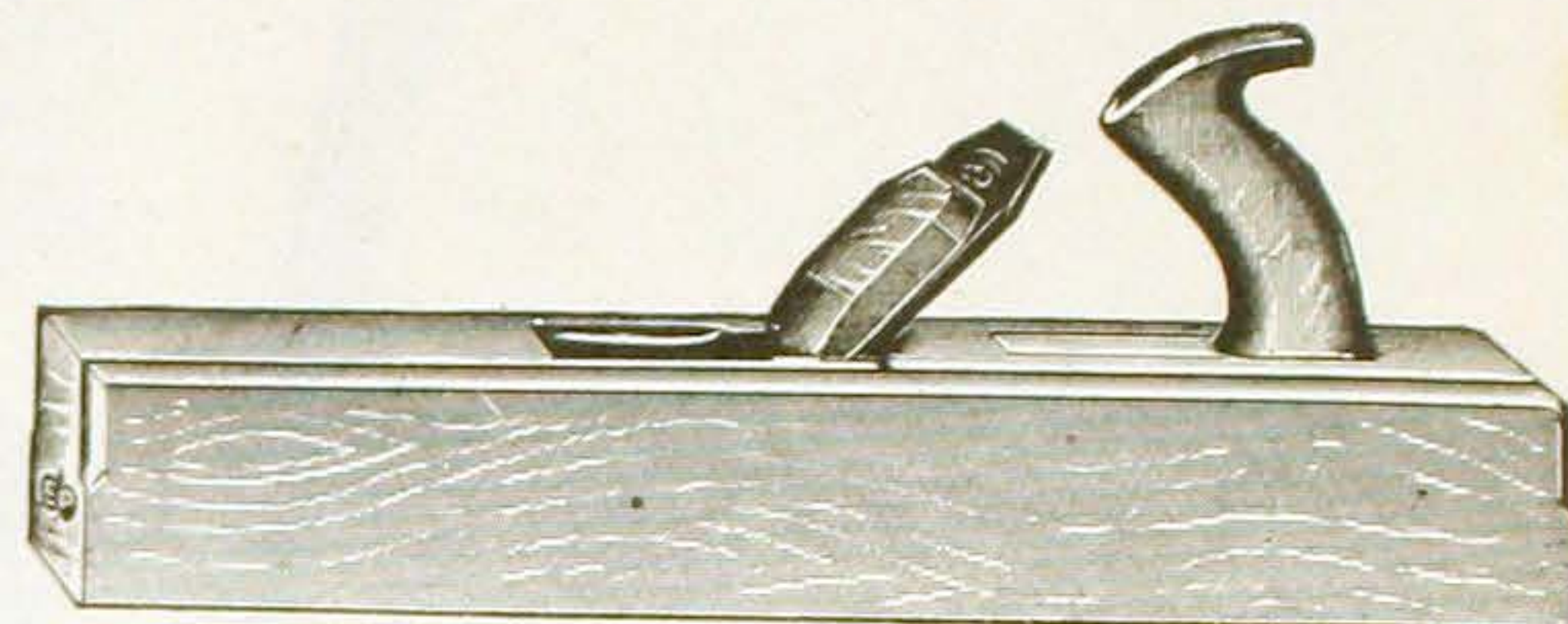
Beechwood Planes and Iron Spokeshaves



Beechwood Trying Planes.

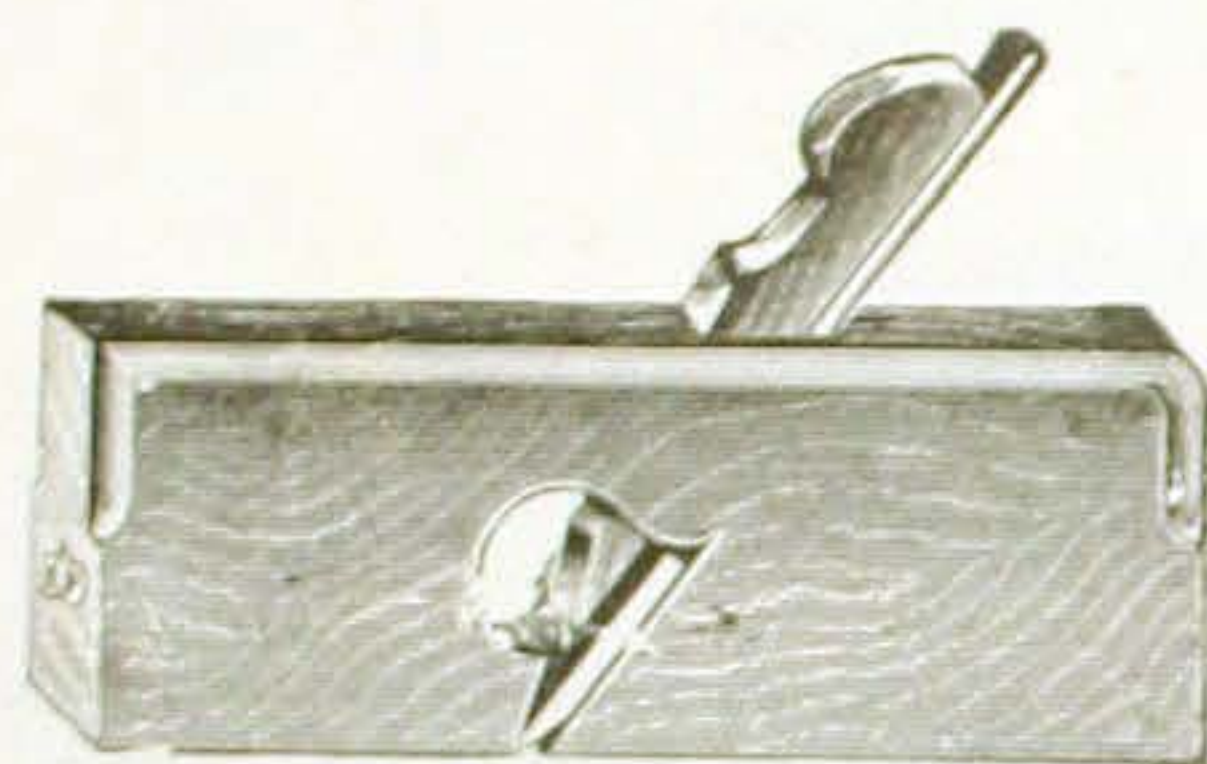
22" x 2 1/2" 24" x 2 1/2" 26" x 2 1/2" 28" x 2 1/2"

No. PHS 8341 ... 16/2 16/9 18/- 19/2 each.



Beechwood Jack Planes. Double Irons.

	2"	2 1/8"	2 1/4"	2 3/8"	2 1/2"
Length ...	16"	17"	17"	17"	18"
No. PHS 8342 ...	11/5	12/-	12/8	14/5	15/8 each.



Beechwood Skew Rabbet Plane.

No. PHS 8343 ... 1 1/4" 1 3/8" 1 1/2"
6/- 6/8 7/2 each.

Every 1/8" above, 8d. each extra.

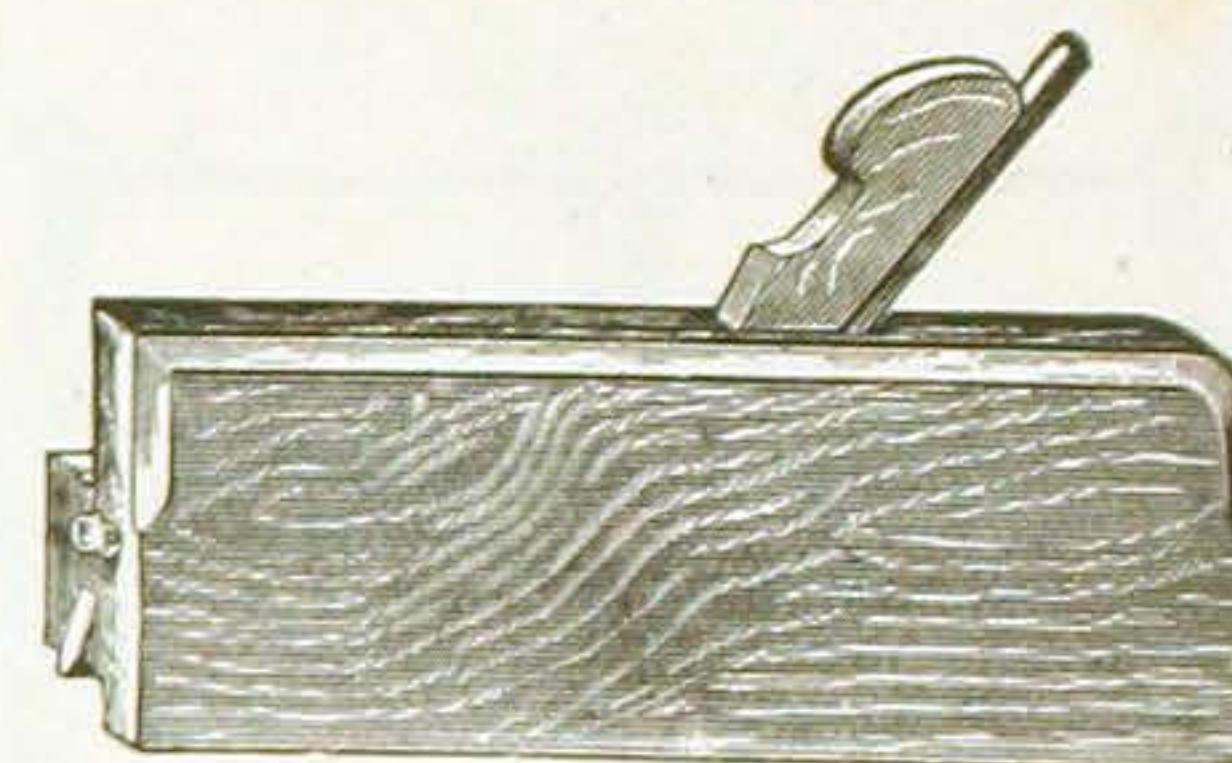
Boxed edges, skew or square, double price.



Beechwood Smoothing Planes.

No. PHS 8344

2"	2 1/8"	2 1/4"	2 3/8"	2 1/2"
9/-	9/8	10/2	11/5	12/8 each.



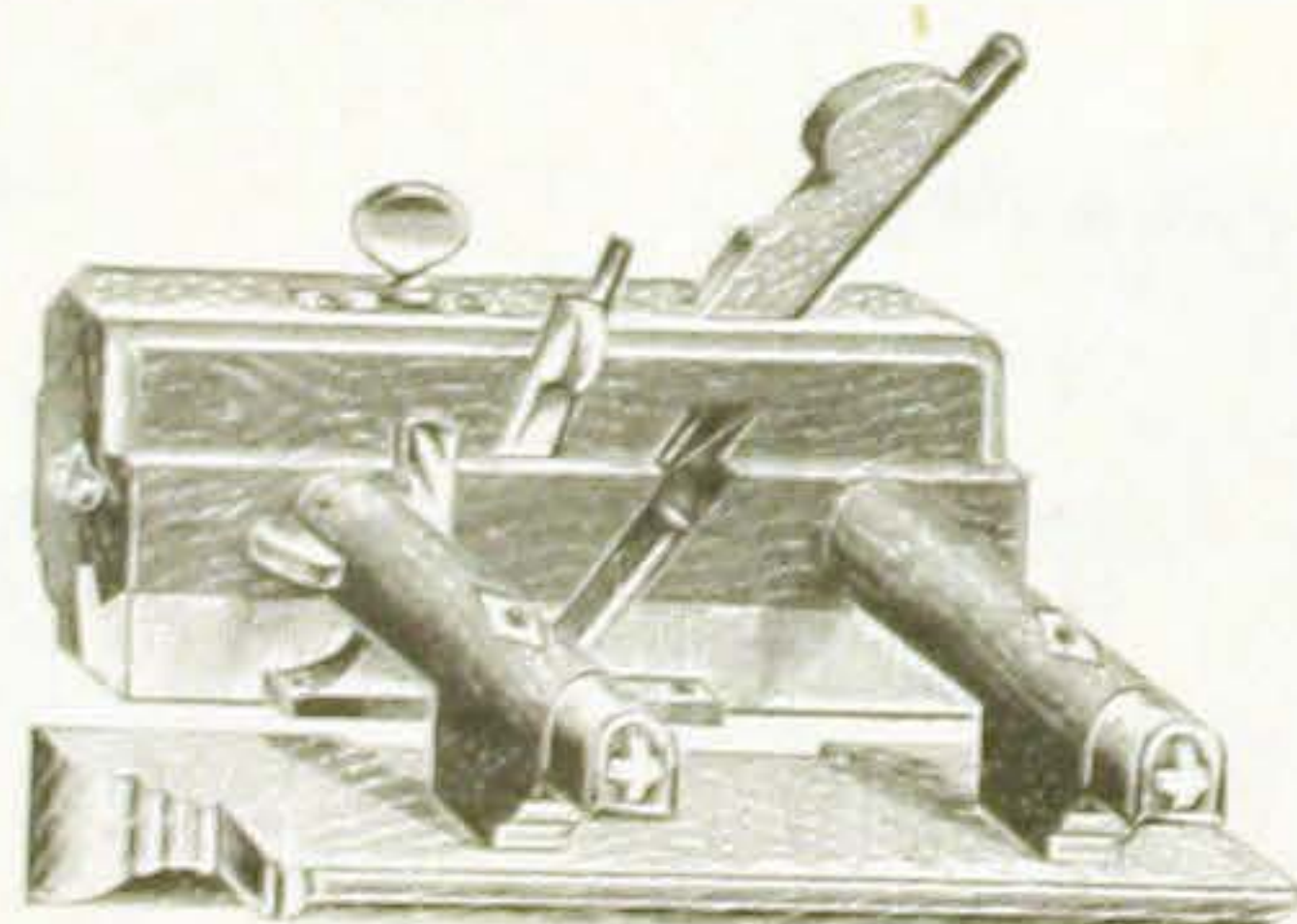
Beechwood Bead Planes.

No. PHS 8345

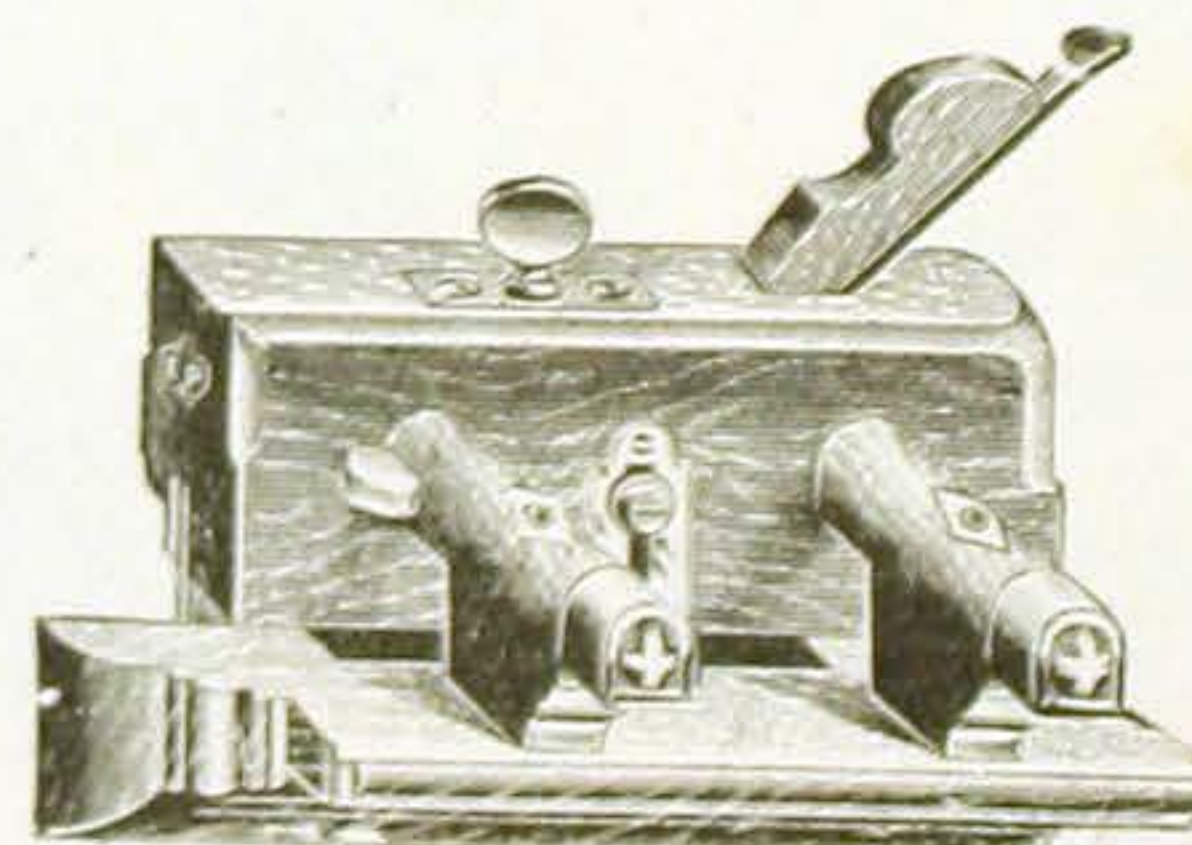
Boxed to ...	5/8"	3/4"	7/8"	1"
	6/-	6/8	7/2	7/9 each.

Beechwood Sash
Fillister Plane.

Left hand, shoulder boxed,
forked tooth and improved stop.



No. PHS 8346 ... 43/2 each.



Beechwood Plough Planes.

Double plate, eight black Irons.
Screw stop and capped stems.

No. PHS 8347 ... 39/8 each.



Patent Adjustable Iron Spokeshave.

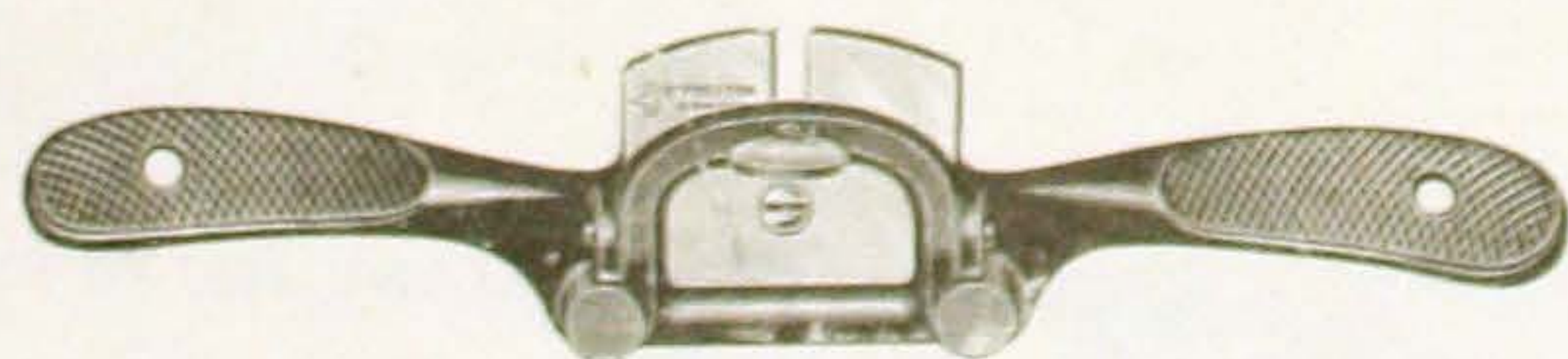
Chequered Handles, 10" long, 2 1/8" cutter, Flat and Round Face.

No. PHS 8348 ... 2/9 each.



Iron Spokeshave.

No. PHS 8349 9" long, 1 1/4" cutter ... 1/2 each.



Adjustable Mouth Iron Spokeshave.

Chequered Handle, 10" long, 2 1/8" cutter.

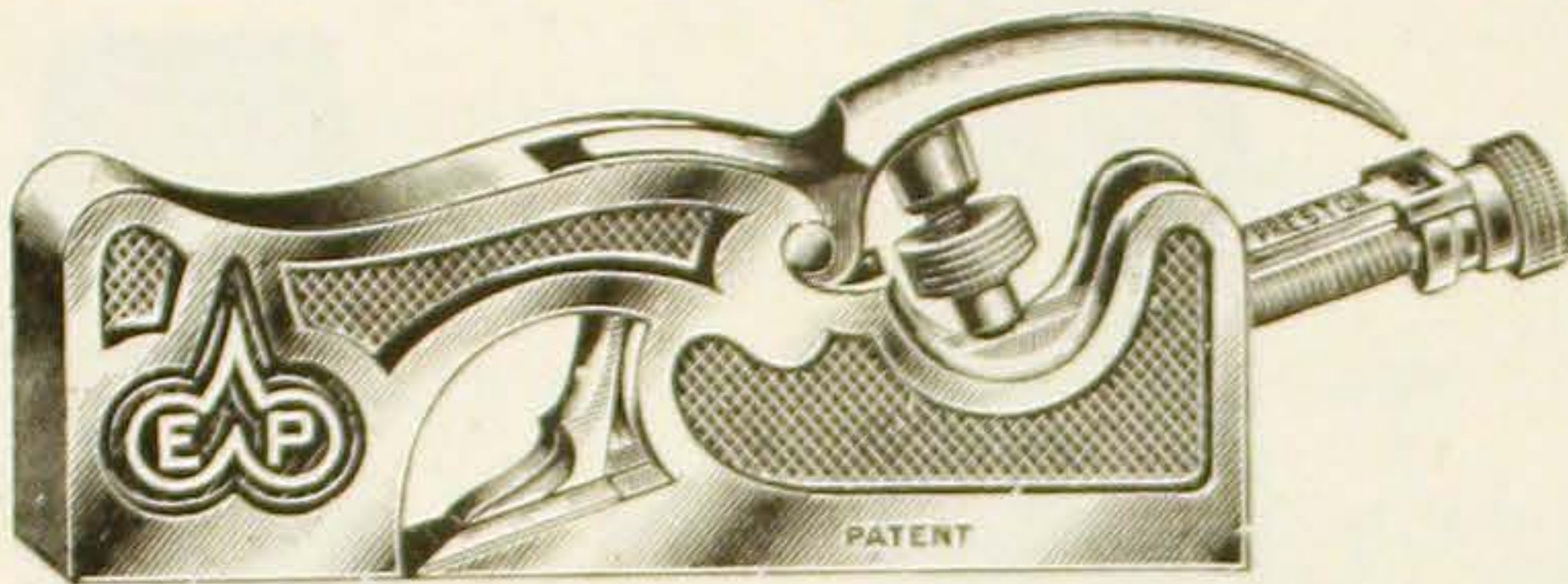
No. PHS 8350 ... 2/6 each.



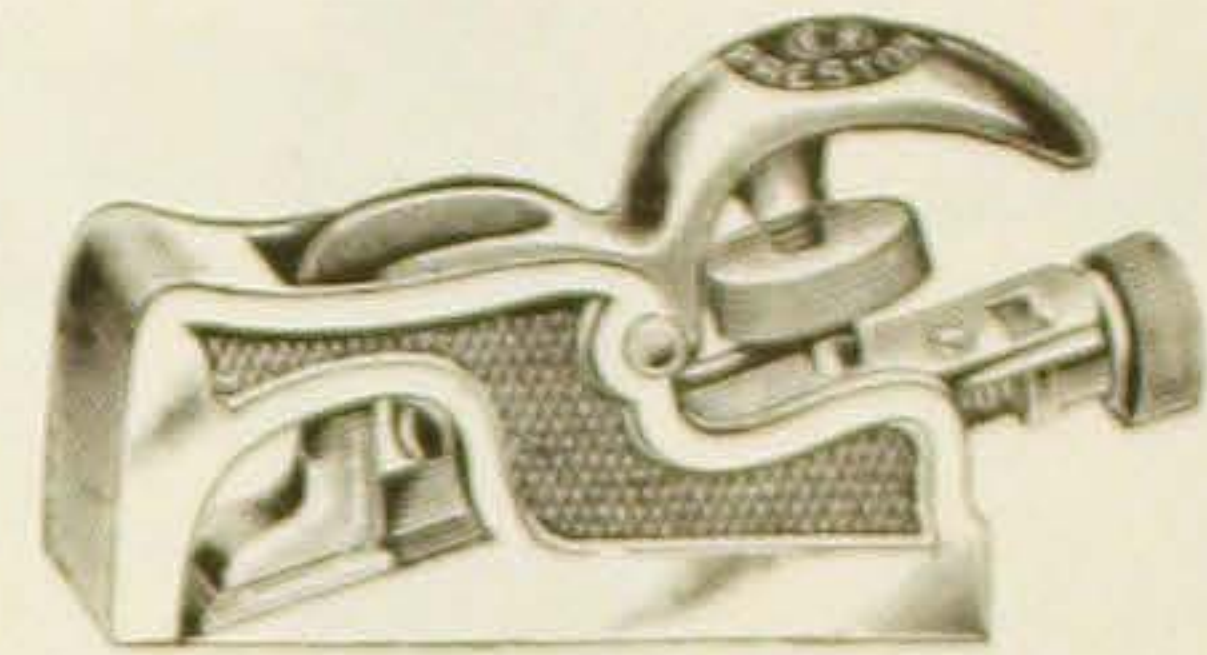
Patent Malleable Iron Spokeshave.

Hollow Raised Handles, Japanned. 10" long, 2" cutting irons.
No. PHS 8351 Flat and Round Face ... 5/11 each.

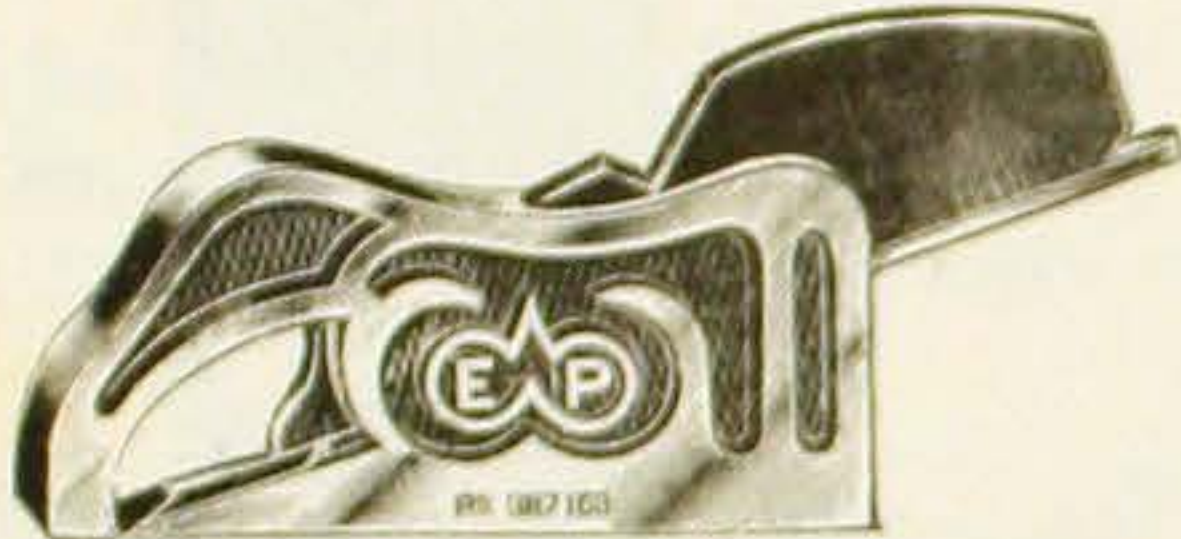
Iron Planes



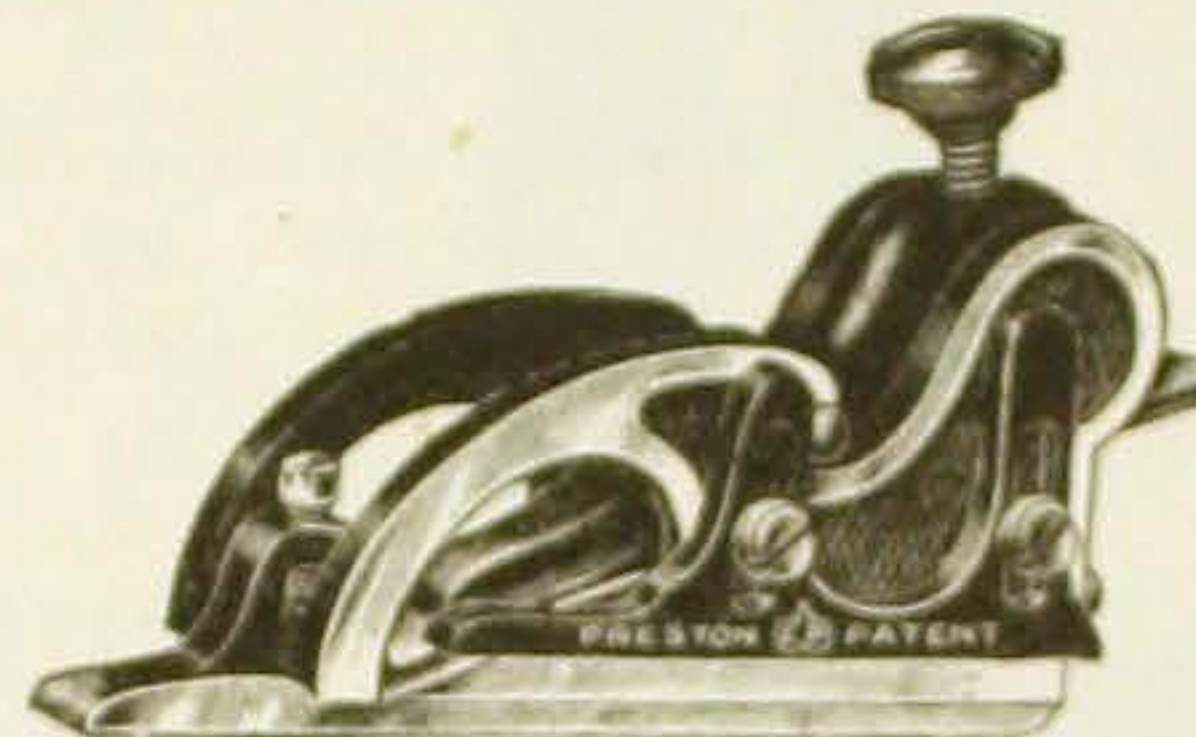
Adjustable Shoulder Rabbet Planes. Nickel Plated.
No. PHS 8329 5" long, $\frac{1}{2}$ " Cutting Iron ... 16/3 each.



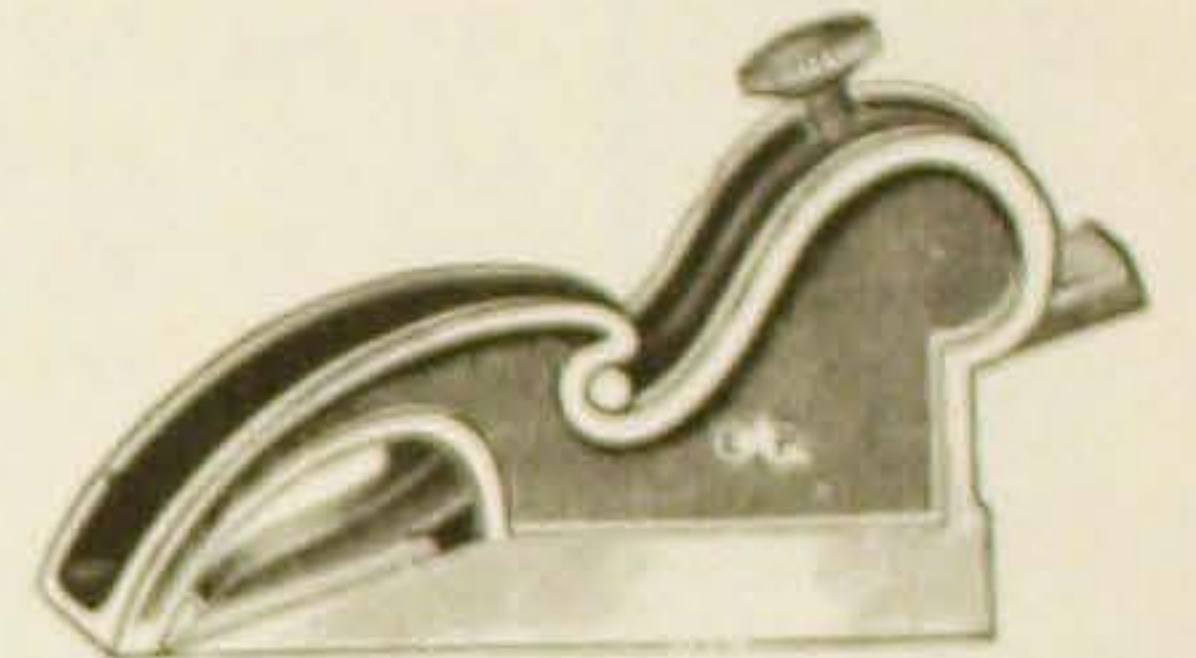
Adjustable Iron Bull Nose Rabbet Plane.
No. PHS 8330 Detachable front ... 15/2 each.



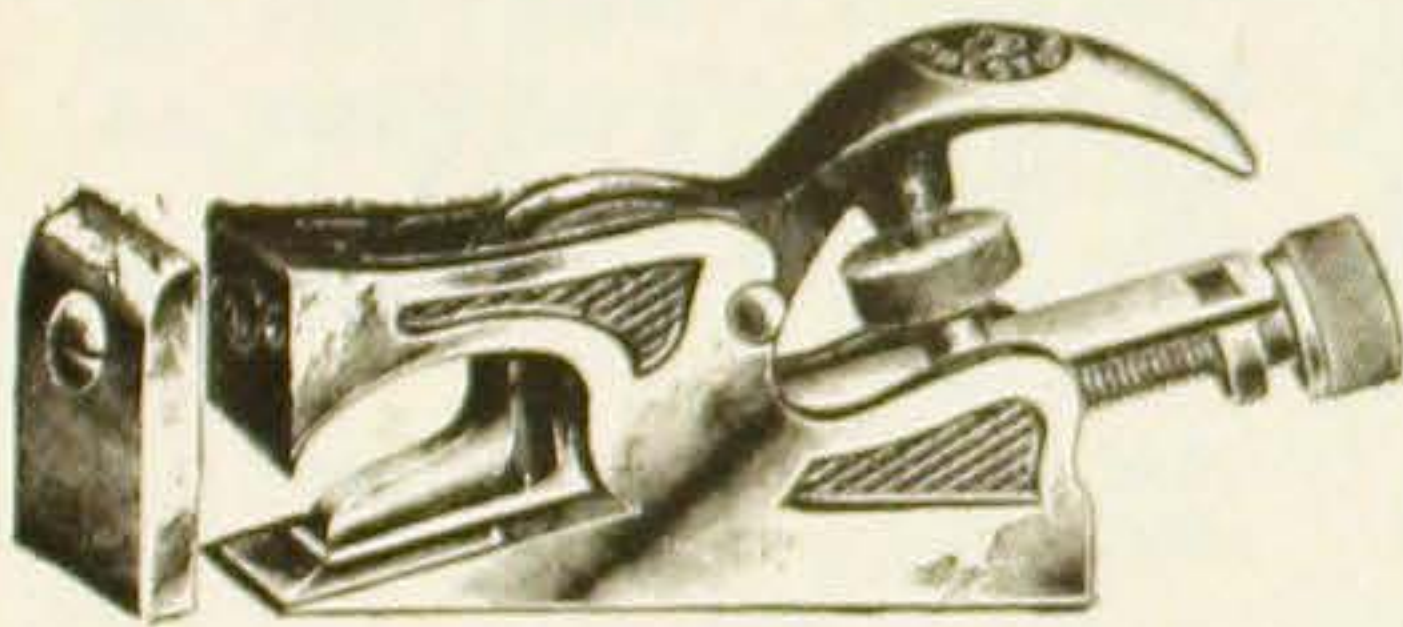
Bull Nose Rabbet Plane. Registered.
3" long. $\frac{1}{2}$ " Cutting Iron.
No. PHS 8331 ... 6/5 each.



Iron Bull Nose Rabbet and Right and
Left Hand Fillister Plane.
With Fence and Stop.
Japanned with bright parts. $3\frac{1}{4}$ " long, $1\frac{1}{4}$ "
cutting iron.
No. PHS 8332 ... 11/8 each.



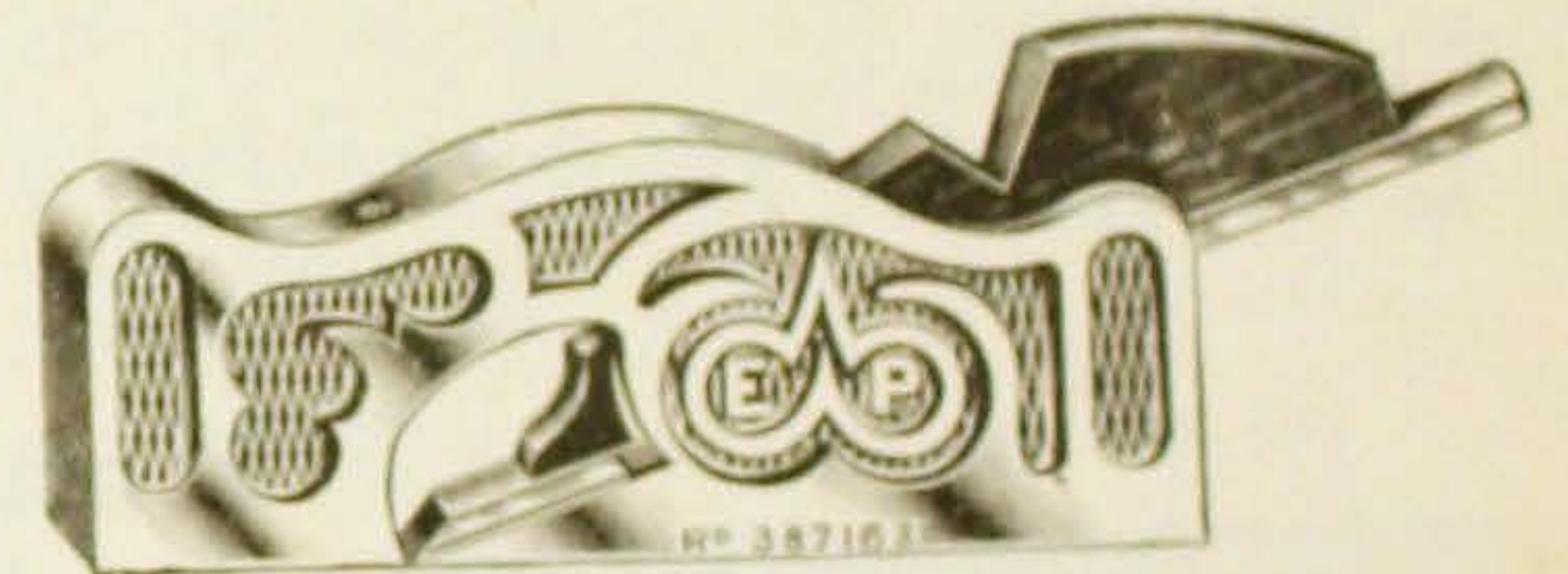
Bull Nose Rabbet Plane.
 $3\frac{1}{4}$ " long, $1\frac{1}{4}$ " cutting iron.
No. PHS 8333
Japanned ... 7/8 each.
Nickel Plated ... 9/5 "



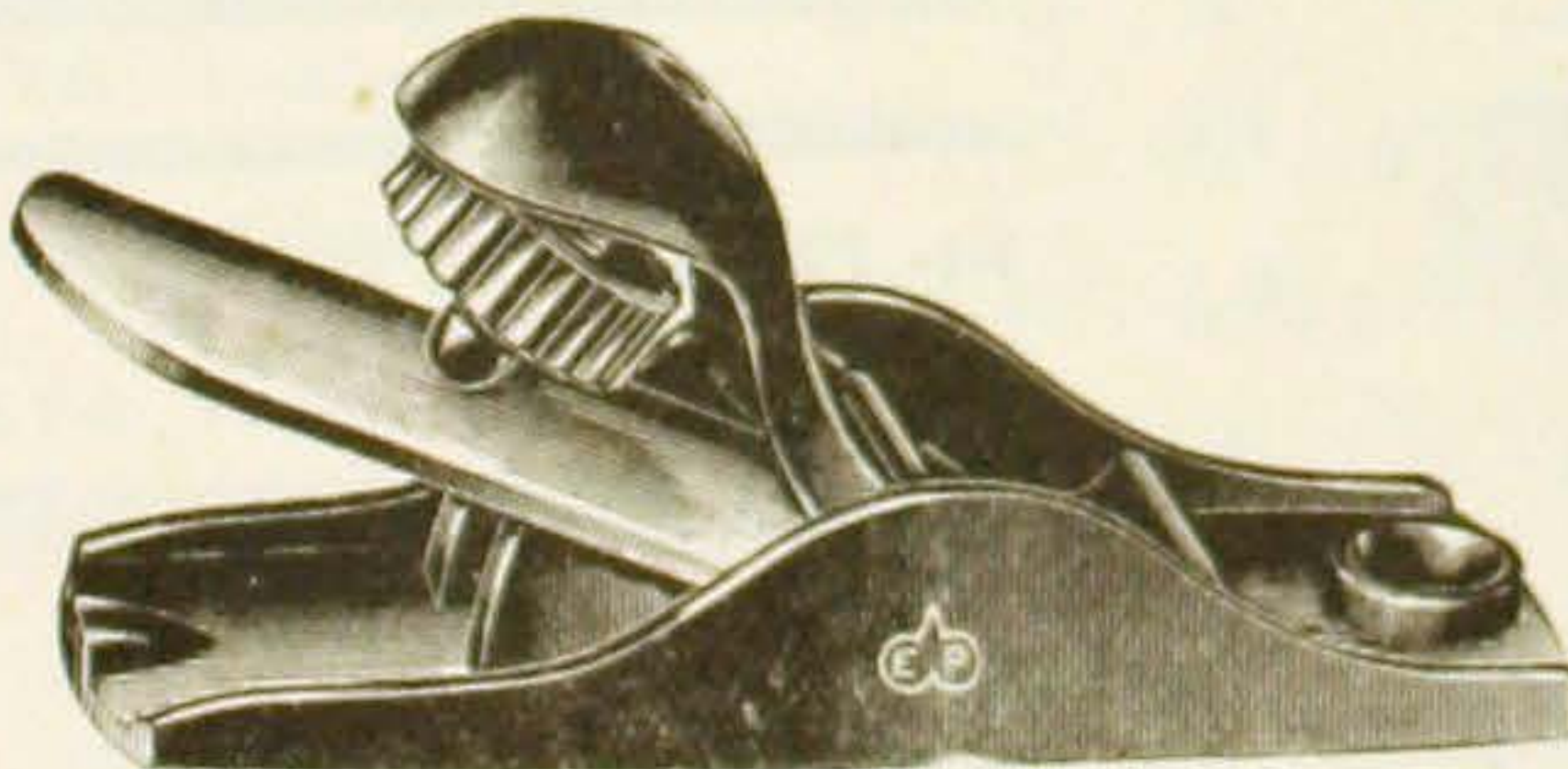
Adjustable Bull Nose Rabbet Plane.
Nickel Plated. 4" long.
No. PHS 8334
 $\frac{1}{2}$ " cutting iron ... 11/8 each.
 $\frac{1}{4}$ " " " ... 14/- "



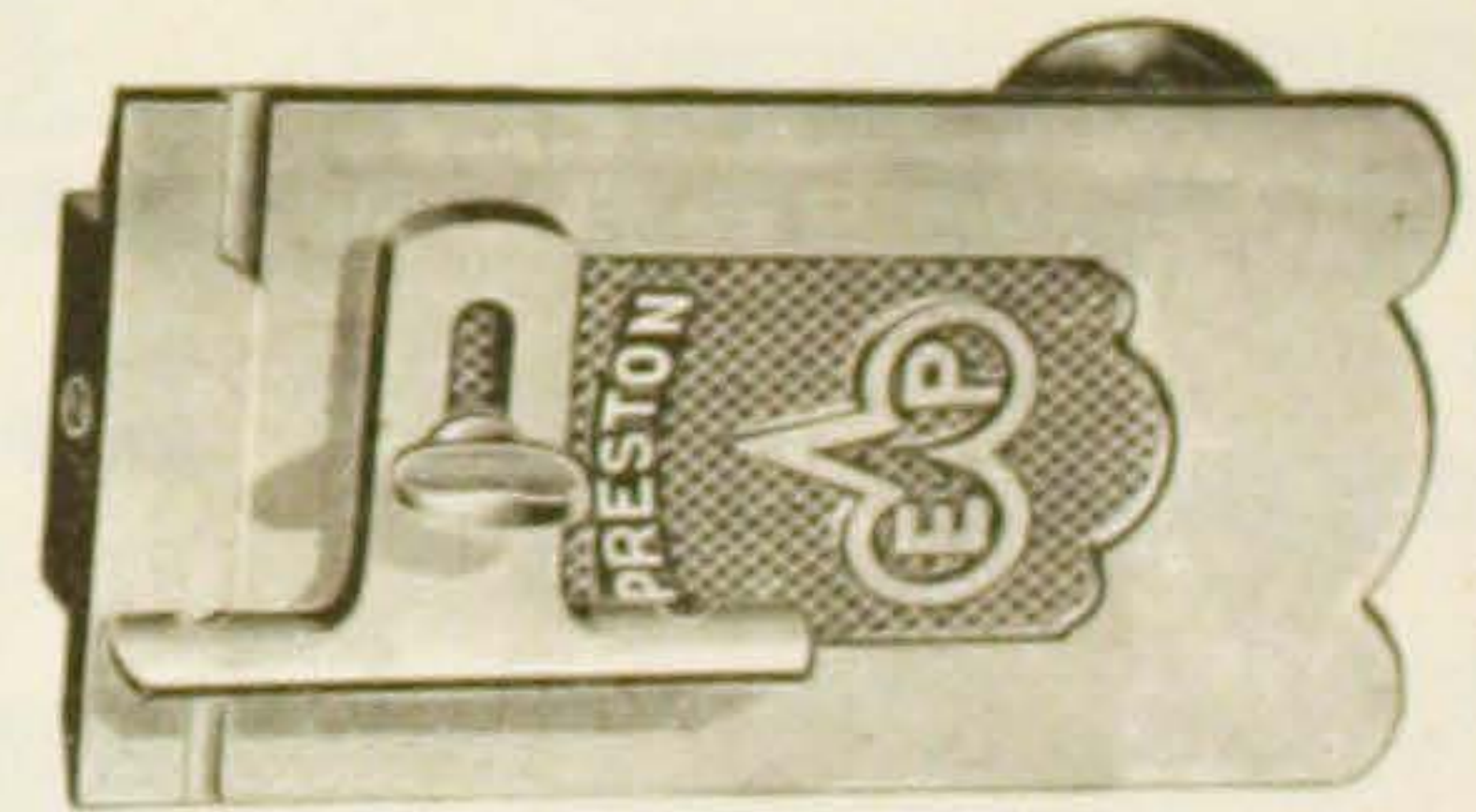
Bull Nose Rabbet Plane. Registered.
No. PHS 8335
Japanned, $3\frac{1}{4}$ " long, $\frac{1}{2}$ " cutting iron 7/- each.
" " $1\frac{1}{4}$ " " 8/9 "
Nickel Plated " " " 10/6 "



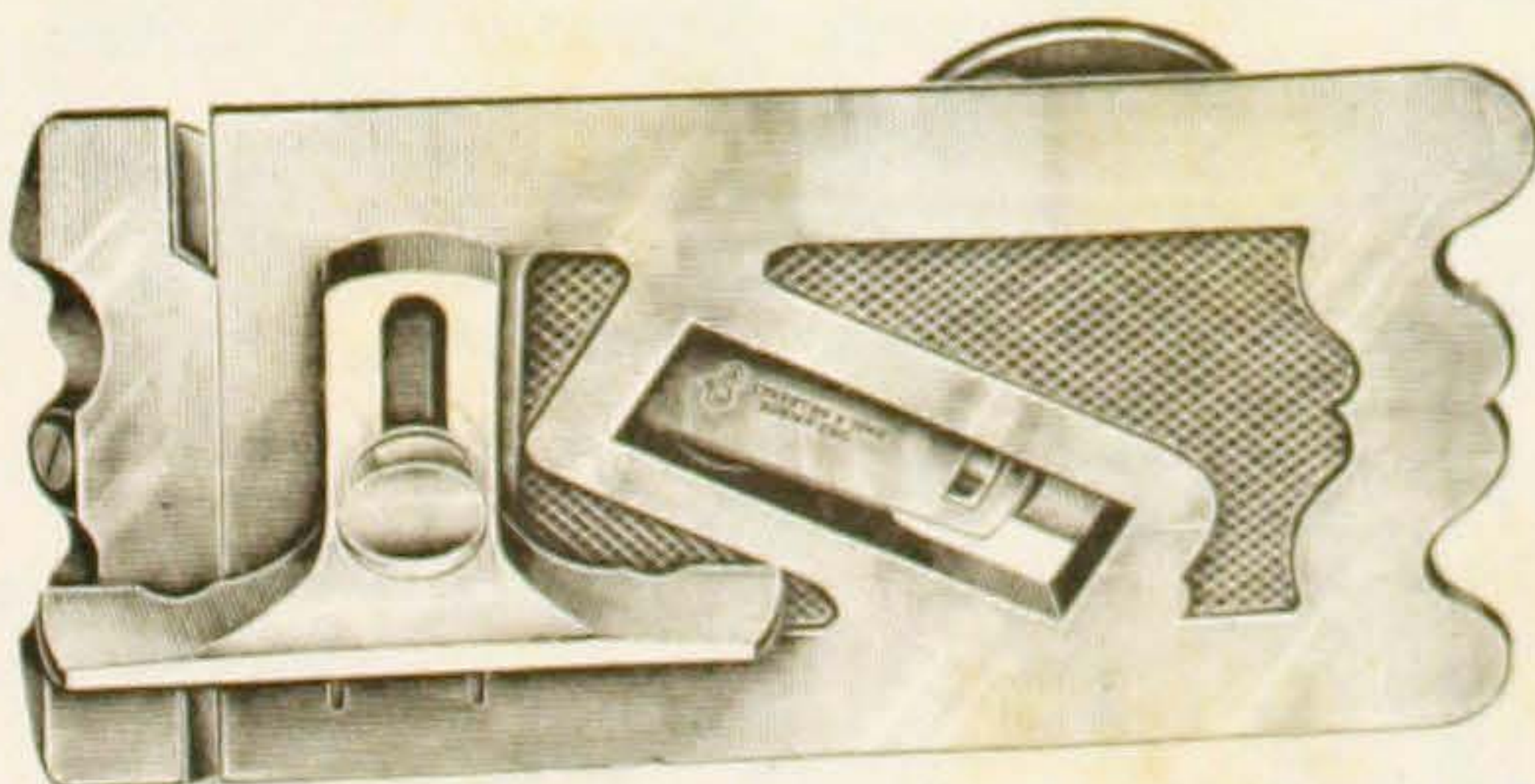
Shoulder Rabbet Plane. Registered.
Nickel Plated, with Rosewood Wedge.
5" long, $\frac{1}{2}$ " cutting iron.
No. PHS 8336 ... 14/- each.



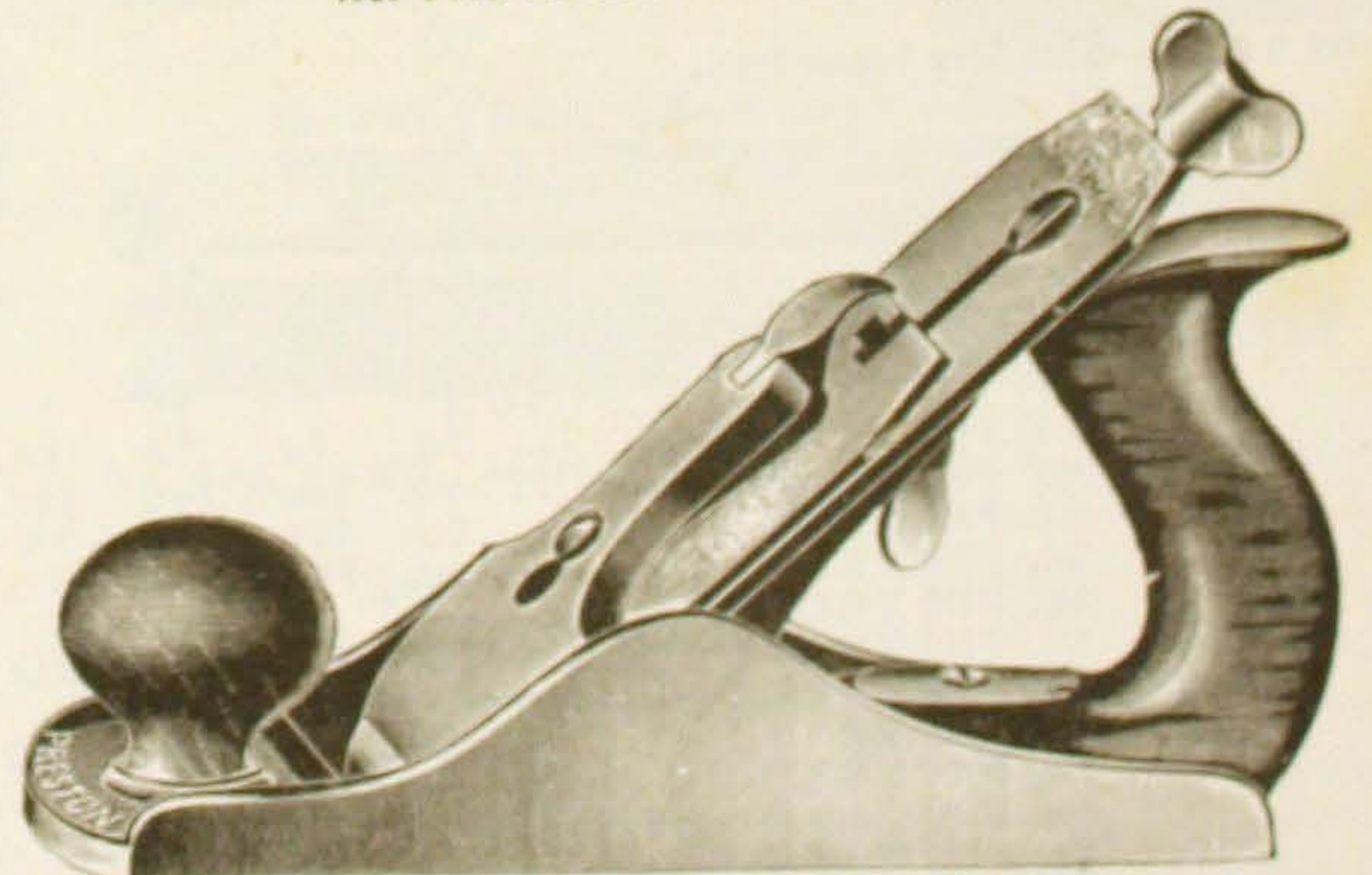
Adjustable Block Plane.
No. PHS 8337 $5\frac{1}{2}$ " long, $1\frac{1}{4}$ " cutting iron, 5/- each.



Side Rabbet Plane.
Combined Right and Left Hand, with depth stop.
No. PHS 8338 ... 12/9 each.



Adjustable Side Rabbet Plane.
Combined Right and Left Hand with depth stop.
No. PHS 8340 ... 22/2 each.



Malleable Iron Adjustable Smooth Plane.
No. PHS 8339 10" long and $2\frac{1}{4}$ " cutting iron 50/- each.

"A" Basis.

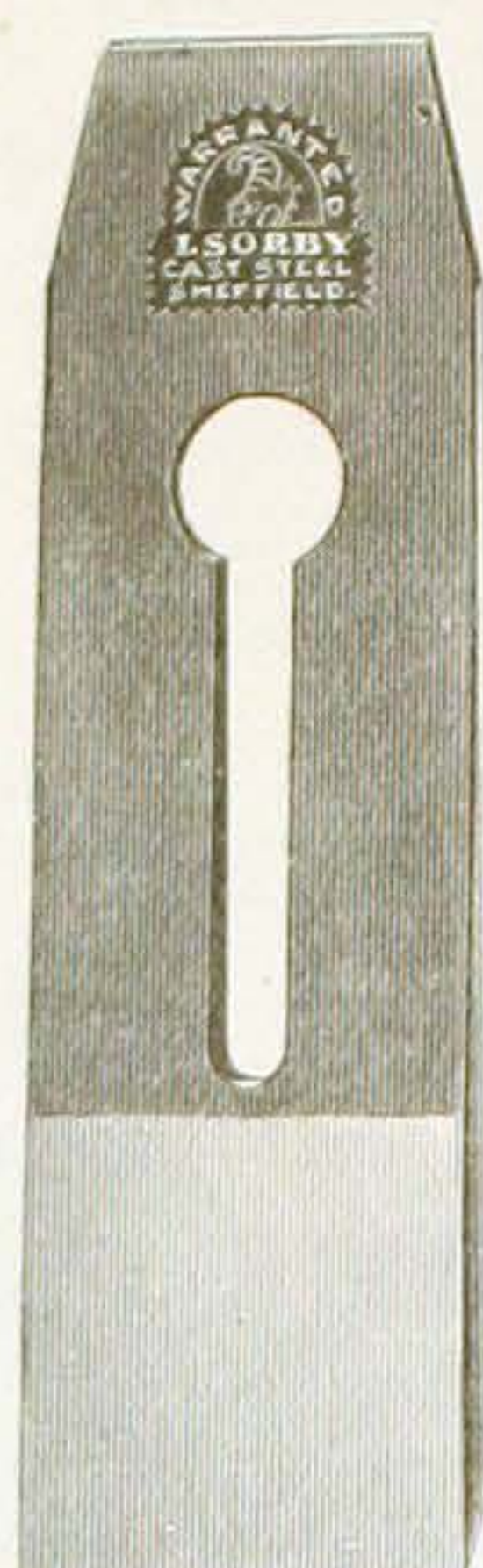
Plane Irons



No. PHS 7882
Cast Steel Plane Irons.
Uncut.



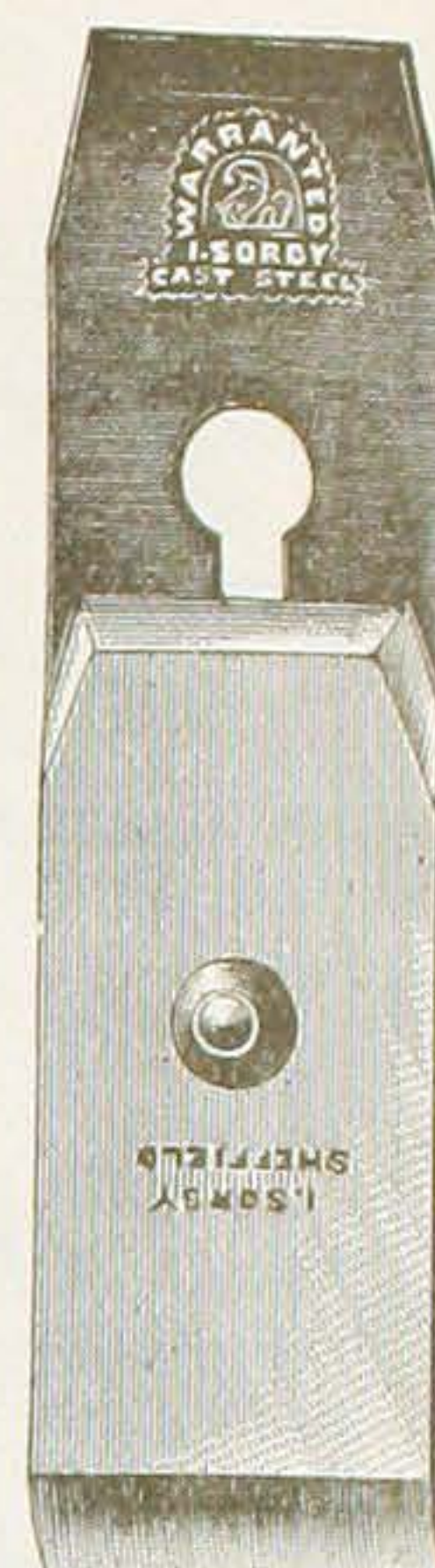
No. PHS 7883
Cast Steel Round Nose
Plane Irons. Uncut.



No. PHS 7884
Cast Steel Plane
Irons. Cut.



No. PHS 7885
Cast Steel Tooth
Plane Irons.



No. PHS 7886
Cast Steel
Double Plane Irons.

	1 1/4"	1 1/2"	1 3/4"	1 7/8"	2"	2 1/8"	2 1/4"	2 3/8"	2 1/2"	2 5/8"	2 3/4"
No. PHS 7882	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7883	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7884	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7885	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7886	...	...	...	...	...	...	...	...	...	...	...
With Brass or Iron Nuts	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7955	C.S. Parallel Plane Irons, Cut	...	...	...	...	...	...	...	...	...	...
No. PHS 7956	Ditto, Double Irons, Flush Tops	...	...	...	...	...	...	...	...	...	...

N.B.—Hollow Nose Plane Irons: Single 5/- dozen; Double 10/- dozen extra.

Moulding Plane Irons, etc.



No. PHS 7601 Soft Moulding Iron, Right
or Left Hand same Price.

No. PHS 7602 Hard Moulding Iron.



No. PHS 7606 Coach T Rabbet Iron.



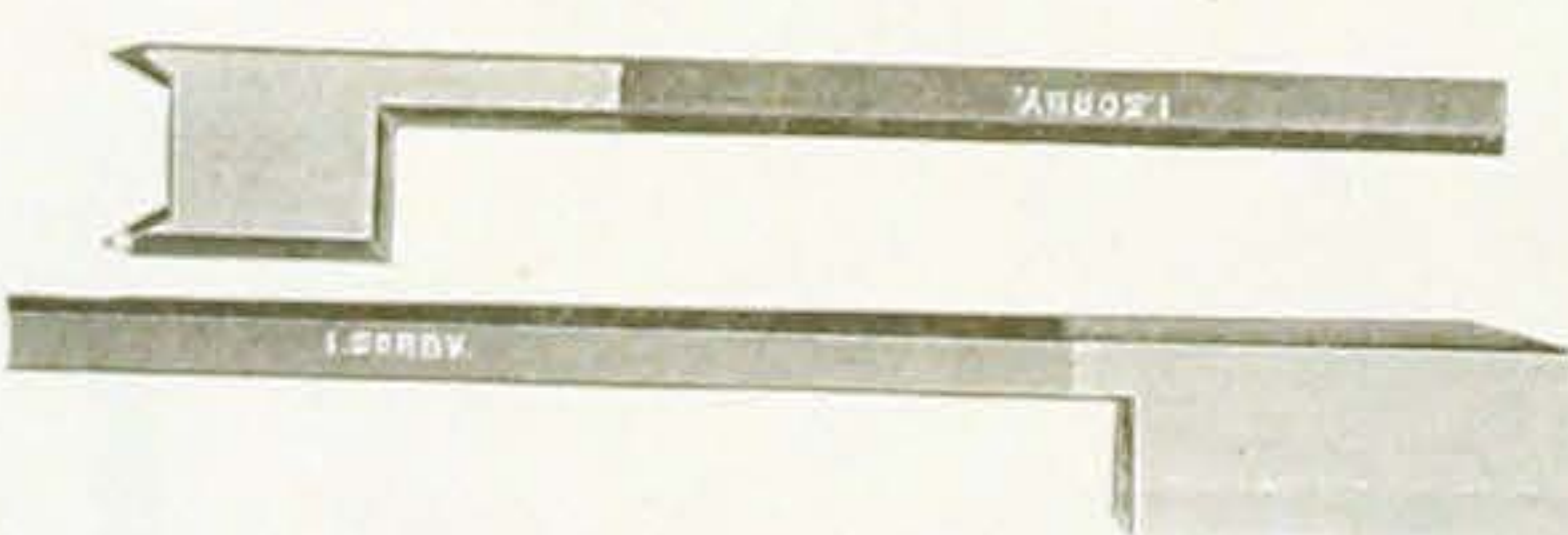
No. PHS 7613 Fillister Iron, Left Hand.



No. PHS 7616—Shoulder Plane Iron.



No. PHS 7603 Bead Plane Iron.



No. PHS 7609 Pair Trenching Plane
Irons.



No. PHS 7617 Sneaked Shoulder Plane
Iron.



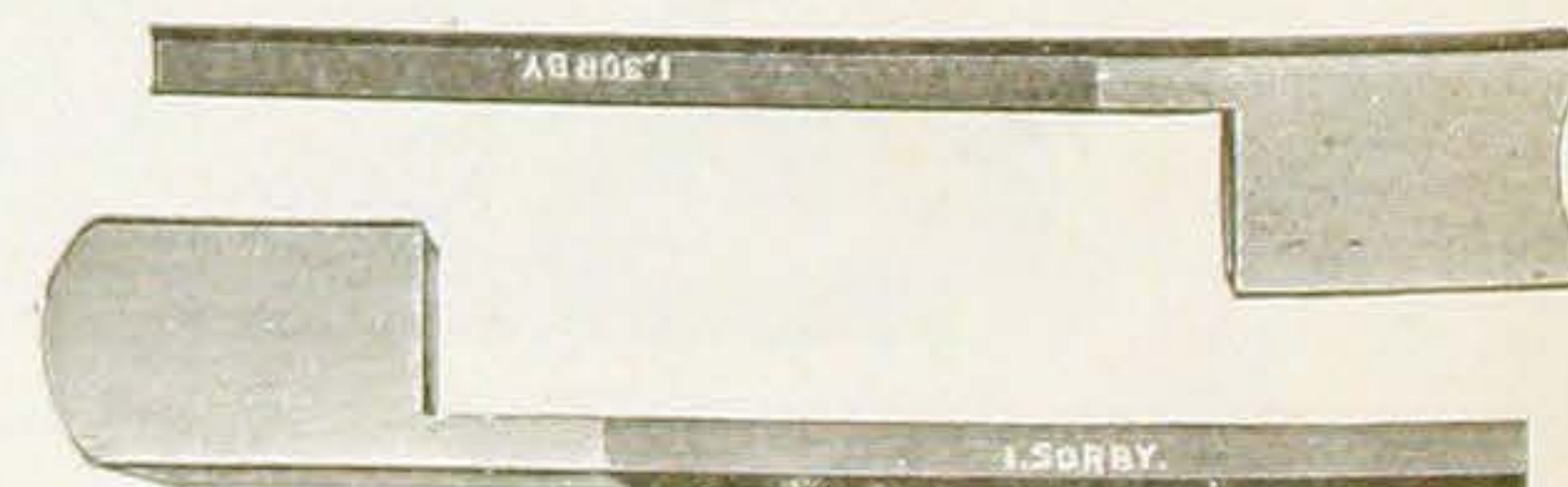
No. PHS 7614 Fillister Plane Iron,
Right Hand.



No. PHS 7605 Skew Rabbet Plane Iron.



No. PHS 7607 Pair Grooving Plane
Irons.



No. PHS 7611 Pair Hollow and Round
Irons.



No. PHS 7615 Bull-nose Plane Iron.

No. PHS 7957 Bright Plough Bit.

	To. 1/4"	1/2"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 1/2"	1 3/4"	1 7/8"	2"
No. PHS 7601	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7602	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7603	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7605	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7606	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7607	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7609	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7611	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7613	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7614	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7615	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7616	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7617	...	...	...	...	...	...	...	...	...	...	...
No. PHS 7957	...	...	...	...	...	...	...	...	...	...	...

Best Bright Plough Bits, all sizes 1/4" to 1 1/8" 1/6 each; Sets of 6-1/8" to 1 1/2", 8/9 set; Sets of 8-1/8" to 1 1/2" 11/6 set.

"A" Basis.

All PHS—Stock Lines.

Wood Chisels and Machine Mortise Chisels



No. PHS 7500 Cast Steel Firmer Chisel.



No. PHS 7502 Cast Steel, Round Back, Cabinet Firmer Chisel.



No. PHS 7504 Cast Steel, Bevel Edge Firmer Chisel.

		$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	
No. PHS 7500	Firmer Chisel	8d.	8d.	8d.	8d.	9d.	9d.	10d.	11d.	1/-	1/-	1/2	1/4	1/7	1/9	1/10	2/1	2/4	2/6	2/9	3/- each.
No. PHS 7502	Strong ditto.	11d.	11d.	11d.	11d.	11d.	1/-	1/-	1/-	1/2	1/3	1/5	1/7	1/10	2/2	2/5	2/7	2/11	3/3	3/5	3/8 ..
No. PHS 7504	Bevel Edge	1/4	1/4	1/4	1/4	1/4	1/4	1/5	1/6	1/7	1/8	1/9	1/11	2/6	2/7	2/9	3/-	3/6	3/9	4/-	4/3 ..

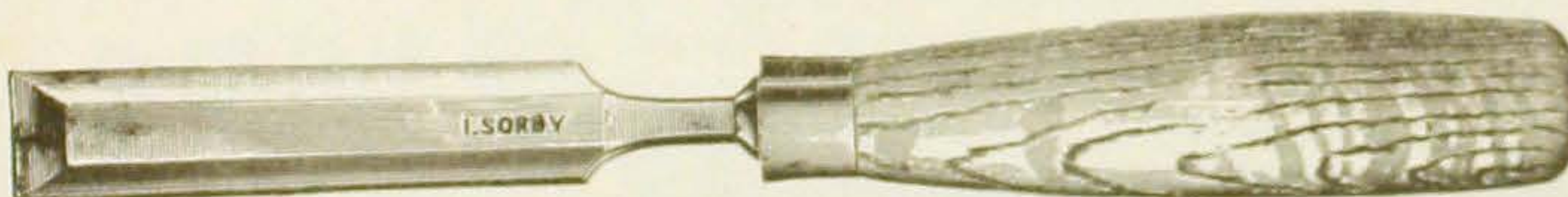


No. PHS 7505 Cast Steel Firmer Chisel, Beech Handle.

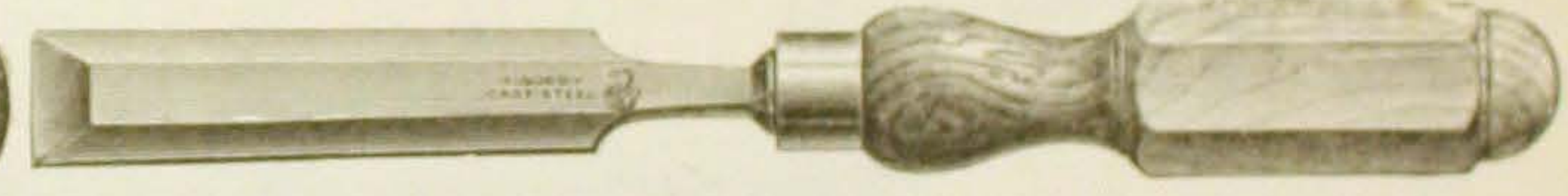


No. PHS 7508 Cast Steel Firmer Chisel, Boxwood Handle.

		$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	
No. PHS 7505	Beech Handled	1/1	1/1	1/1	1/1	1/1	1/2	1/3	1/3	1/4	1/5	1/7	1/9	2/-	2/1	2/4	2/6	2/10	3/1	3/4	3/7 each.
No. PHS 7506	Carving Patt.	1/1	1/1	1/1	1/1	1/1	1/2	1/3	1/3	1/4	1/5	1/7	1/9	2/-	2/1	2/4	2/6	2/10	3/1	3/4	3/7 ..
No. PHS 7507	Round, Box-wood Handle	1/4	1/4	1/4	1/4	1/4	1/5	1/6	1/6	1/7	1/8	1/10	2/-	2/4	2/6	2/7	2/10	3/2	3/4	3/7	3/11 ..
No. PHS 7508	Carving Patt. Handle ...	1/4	1/4	1/4	1/4	1/4	1/5	1/6	1/6	1/7	1/8	1/10	2/-	2/4	2/6	2/7	2/10	3/2	3/4	3/7	3/11 ..
No. PHS 7509	Octagon Box-wood Handle	1/6	1/6	1/6	1/6	1/6	1/7	1/8	1/8	1/9	1/10	2/-	2/2	2/6	2/7	2/10	3/1	3/4	3/7	3/10	4/1 ..



No. PHS 7515 Cast Steel, Bevel Edge, Firmer Chisel.



No. PHS 7516 Cast Steel, Bevel Edge, Firmer Chisel, Boxwood Handle.

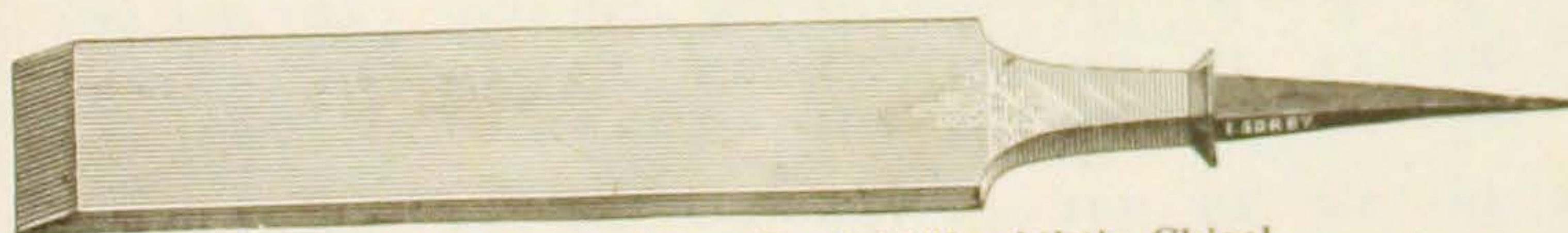
No. PHS 7515		Cast Steel, 1/2" Rivel Edge, Primer Coated.																			
		1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 3/4"	1 7/8"	2"	
No. PHS 7516	London Octagon Boxwood H'dle	2/1	2/1	2/1	2/1	2/1	2/2	2/3	2/3	2/4	2/5	2/7	2/9	3/4	3/6	3/9	4/-	4/7	4/9	5/-	5/4 each.
No. PHS 7513	Round Ash or Beech Handle	1/8	1/8	1/8	1/8	1/9	1/9	1/10	1/10	1/11	2/-	2/2	2/4	2/10	3/-	3/3	3/5	4/-	4/3	4/6	4/9 "
No. PHS 7514	Round Box- wood Handle	1/11	1/11	1/11	1/11	2/-	2/-	2/1	2/1	2/2	2/3	2/6	2/7	3/3	3/4	3/6	3/9	4/4	4/7	4/9	5/1 "
No. PHS 7515	Boxwood Carving Patt. Handle	1/11	1/11	1/11	1/11	2/-	2/-	2/1	2/1	2/2	2/3	2/6	2/7	3/3	3/4	3/6	3/9	4/4	4/7	4/9	5/1 "



No. PHS 7569 Registered Chisel with Iron Hooped Ash Handles.



No. PHS 7582 Mortising Machine Chisel.



No. PHS 7571 Cast Steel Millwright's Chisel.

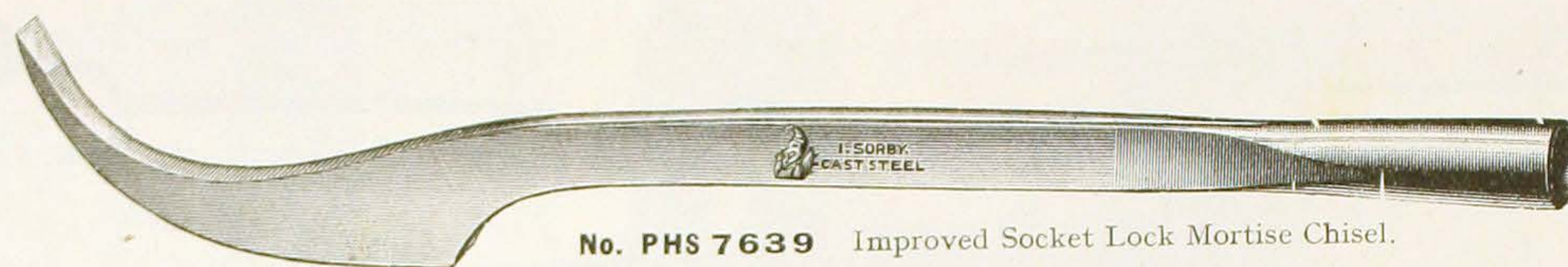


No. PHS 7583 Mortising Machine Chisel Self-Coring.

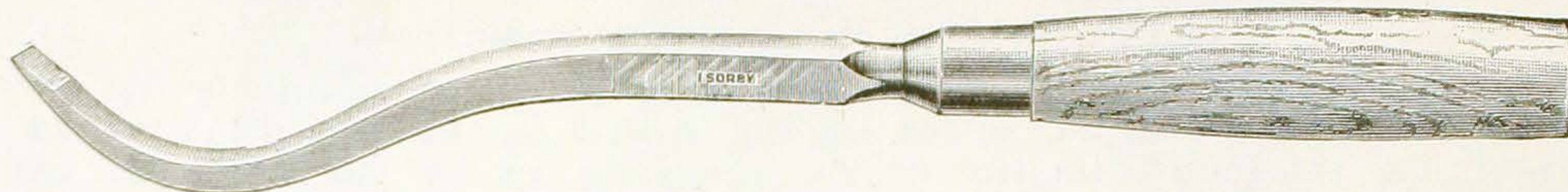
		$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"
No. PHS 7569	...	1/10	1/10	2/-	2/-	2/1	2/3	2/6	2/10	3/-	3/5	3/10	4/4	4/9	5/4	5/9	6/4	6/11	6/11	each.
No. PHS 7571	...	—	1/5	1/7	1/10	2/1	2/5	2/7	3/-	3/5	3/10	4/4	4/9	5/4	5/9	6/4	6/11	6/11	6/11	each.
No. PHS 7582	Straight ...	...	...	...	...	7/-	7/3	7/6	8/-	8/3	8/6	9/-	9/9	10/3	11/-	11/6	12/3	12/3	12/3	each.
No. PHS 7582	Cranked ...	...	...	...	...	8/3	8/6	8/9	9/3	9/6	9/9	10/3	10/6	11/3	11/9	12/6	13/-	13/-	13/-	each.
No. PHS 7583	Straight Self-Coring	...	...	...	...	9/-	9/6	9/9	10/-	10/3	10/6	11/3	11/6	11/9	12/6	13/-	13/6	14/3	14/3	each.
No. PHS 7583	Cranked	...	...	...	...	10/3	10/9	11/-	11/3	11/6	11/9	12/6	13/-	13/6	14/3	14/3	14/3	14/3	14/3	each.

"A" Basis.

Wood Chisels



No. PHS 7639 Improved Socket Lock Mortise Chisel.

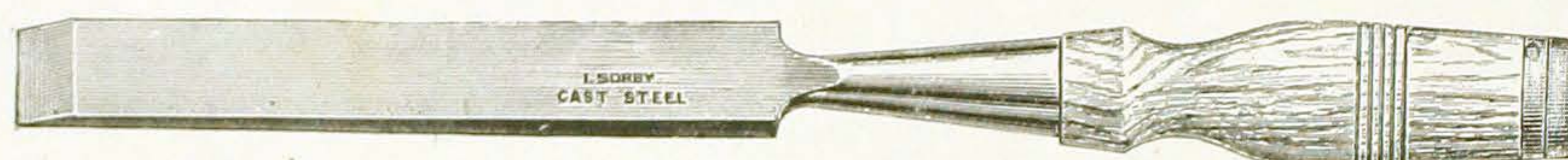


No. PHS 7638 London Pattern Lock Mortise Chisel, Box Handled.



No. PHS 7640 C.S. Socket Chisel.

No. PHS 7642 C.S. Socket Gouge, Cannelled Outside.



No. PHS 7647 Light Socket Firmer Chisel, with Leather-tipped Handle.



No. PHS 7648—Light Socket Bevel-edge Firmer Chisel, Ash-handled.



No. PHS 7650 Strong Socket Firmer Chisel, with Iron-hooped Handle.

[illegible]

"A" Basis.

All PHS—Stock Lines.

Wood Chisels



No. PHS 7542 Handled, Long Thin Paring Chisel.

No. PHS 7537
Bevel Edge Long Thin Paring Chisel.

No. PHS 7547 London Octagon Handled Bevel Edge Long Thin Paring Chisel.



No. PHS 7536 Long Thin Paring Chisel.

CAST STEEL LONG THIN PARING CHISELS.

			1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	3 3/4"	4"	4 1/4"	4 1/2"	4 3/4"	5"	5 1/4"	5 1/2"	5 3/4"	6"	6 1/4"	6 1/2"	6 3/4"	7"	7 1/4"	7 1/2"	7 3/4"	8"	8 1/4"	8 1/2"	8 3/4"	9"	9 1/4"	9 1/2"	9 3/4"	10"	10 1/4"	10 1/2"	10 3/4"	11"	11 1/4"	11 1/2"	11 3/4"	12"	12 1/4"	12 1/2"	12 3/4"	13"	13 1/4"	13 1/2"	13 3/4"	14"	14 1/4"	14 1/2"	14 3/4"	15"	15 1/4"	15 1/2"	15 3/4"	16"	16 1/4"	16 1/2"	16 3/4"	17"	17 1/4"	17 1/2"	17 3/4"	18"	18 1/4"	18 1/2"	18 3/4"	19"	19 1/4"	19 1/2"	19 3/4"	20"	20 1/4"	20 1/2"	20 3/4"	21"	21 1/4"	21 1/2"	21 3/4"	22"	22 1/4"	22 1/2"	22 3/4"	23"	23 1/4"	23 1/2"	23 3/4"	24"	24 1/4"	24 1/2"	24 3/4"	25"	25 1/4"	25 1/2"	25 3/4"	26"	26 1/4"	26 1/2"	26 3/4"	27"	27 1/4"	27 1/2"	27 3/4"	28"	28 1/4"	28 1/2"	28 3/4"	29"	29 1/4"	29 1/2"	29 3/4"	30"	30 1/4"	30 1/2"	30 3/4"	31"	31 1/4"	31 1/2"	31 3/4"	32"	32 1/4"	32 1/2"	32 3/4"	33"	33 1/4"	33 1/2"	33 3/4"	34"	34 1/4"	34 1/2"	34 3/4"	35"	35 1/4"	35 1/2"	35 3/4"	36"	36 1/4"	36 1/2"	36 3/4"	37"	37 1/4"	37 1/2"	37 3/4"	38"	38 1/4"	38 1/2"	38 3/4"	39"	39 1/4"	39 1/2"	39 3/4"	40"	40 1/4"	40 1/2"	40 3/4"	41"	41 1/4"	41 1/2"	41 3/4"	42"	42 1/4"	42 1/2"	42 3/4"	43"	43 1/4"	43 1/2"	43 3/4"	44"	44 1/4"	44 1/2"	44 3/4"	45"	45 1/4"	45 1/2"	45 3/4"	46"	46 1/4"	46 1/2"	46 3/4"	47"	47 1/4"	47 1/2"	47 3/4"	48"	48 1/4"	48 1/2"	48 3/4"	49"	49 1/4"	49 1/2"	49 3/4"	50"	50 1/4"	50 1/2"	50 3/4"	51"	51 1/4"	51 1/2"	51 3/4"	52"	52 1/4"	52 1/2"	52 3/4"	53"	53 1/4"	53 1/2"	53 3/4"	54"	54 1/4"	54 1/2"	54 3/4"	55"	55 1/4"	55 1/2"	55 3/4"	56"	56 1/4"	56 1/2"	56 3/4"	57"	57 1/4"	57 1/2"	57 3/4"	58"	58 1/4"	58 1/2"	58 3/4"	59"	59 1/4"	59 1/2"	59 3/4"	60"	60 1/4"	60 1/2"	60 3/4"	61"	61 1/4"	61 1/2"	61 3/4"	62"	62 1/4"	62 1/2"	62 3/4"	63"	63 1/4"	63 1/2"	63 3/4"	64"	64 1/4"	64 1/2"	64 3/4"	65"	65 1/4"	65 1/2"	65 3/4"	66"	66 1/4"	66 1/2"	66 3/4"	67"	67 1/4"	67 1/2"	67 3/4"	68"	68 1/4"	68 1/2"	68 3/4"	69"	69 1/4"	69 1/2"	69 3/4"	70"	70 1/4"	70 1/2"	70 3/4"	71"	71 1/4"	71 1/2"	71 3/4"	72"	72 1/4"	72 1/2"	72 3/4"	73"	73 1/4"	73 1/2"	73 3/4"	74"	74 1/4"	74 1/2"	74 3/4"	75"	75 1/4"	75 1/2"	75 3/4"	76"	76 1/4"	76 1/2"	76 3/4"	77"	77 1/4"	77 1/2"	77 3/4"	78"	78 1/4"	78 1/2"	78 3/4"	79"	79 1/4"	79 1/2"	79 3/4"	80"	80 1/4"	80 1/2"	80 3/4"	81"	81 1/4"	81 1/2"	81 3/4"	82"	82 1/4"	82 1/2"	82 3/4"	83"	83 1/4"	83 1/2"	83 3/4"	84"	84 1/4"	84 1/2"	84 3/4"	85"	85 1/4"	85 1/2"	85 3/4"	86"	86 1/4"	86 1/2"	86 3/4"	87"	87 1/4"	87 1/2"	87 3/4"	88"	88 1/4"	88 1/2"	88 3/4"	89"	89 1/4"	89 1/2"	89 3/4"	90"	90 1/4"	90 1/2"	90 3/4"	91"	91 1/4"	91 1/2"	91 3/4"	92"	92 1/4"	92 1/2"	92 3/4"	93"	93 1/4"	93 1/2"	93 3/4"	94"	94 1/4"	94 1/2"	94 3/4"	95"	95 1/4"	95 1/2"	95 3/4"	96"	96 1/4"	96 1/2"	96 3/4"	97"	97 1/4"	97 1/2"	97 3/4"	98"	98 1/4"	98 1/2"	98 3/4"	99"	99 1/4"	99 1/2"	99 3/4"	100"	100 1/4"	100 1/2"	100 3/4"	101"	101 1/4"	101 1/2"	101 3/4"	102"	102 1/4"	102 1/2"	102 3/4"	103"	103 1/4"	103 1/2"	103 3/4"	104"	104 1/4"	104 1/2"	104 3/4"	105"	105 1/4"	105 1/2"	105 3/4"	106"	106 1/4"	106 1/2"	106 3/4"	107"	107 1/4"	107 1/2"	107 3/4"	108"	108 1/4"	108 1/2"	108 3/4"	109"	109 1/4"	109 1/2"	109 3/4"	110"	110 1/4"	110 1/2"	110 3/4"	111"	111 1/4"	111 1/2"	111 3/4"	112"	112 1/4"	112 1/2"	112 3/4"	113"	113 1/4"	113 1/2"	113 3/4"	114"	114 1/4"	114 1/2"	114 3/4"	115"	115 1/4"	115 1/2"	115 3/4"	116"	116 1/4"	116 1/2"	116 3/4"	117"	117 1/4"	117 1/2"	117 3/4"	118"	118 1/4"	118 1/2"	118 3/4"	119"	119 1/4"	119 1/2"	119 3/4"	120"	120 1/4"	120 1/2"	120 3/4"	121"	121 1/4"	121 1/2"	121 3/4"	122"	122 1/4"	122 1/2"	122 3/4"	123"	123 1/4"	123 1/2"	123 3/4"	124"	124 1/4"	124 1/2"	124 3/4"	125"	125 1/4"	125 1/2"	125 3/4"	126"	126 1/4"	126 1/2"	126 3/4"	127"	127 1/4"	127 1/2"	127 3/4"	128"	128 1/4"	128 1/2"	128 3/4"	129"	129 1/4"	129 1/2"	129 3/4"	130"	130 1/4"	130 1/2"	130 3/4"	131"	131 1/4"	131 1/2"	131 3/4"	132"	132 1/4"	132 1/2"	132 3/4"	133"	133 1/4"	133 1/2"	133 3/4"	134"	134 1/4"	134 1/2"	134 3/4"	135"	135 1/4"	135 1/2"	135 3/4"	136"	136 1/4"	136 1/2"	136 3/4"	137"	137 1/4"	137 1/2"	137 3/4"	138"	138 1/4"	138 1/2"	138 3/4"	139"	139 1/4"	139 1/2"	139 3/4"	140"	140 1/4"	140 1/2"	140 3/4"	141"	141 1/4"	141 1/2"	141 3/4"	142"	142 1/4"	142 1/2"	142 3/4"	143"	143 1/4"	143 1/2"	143 3/4"	144"	144 1/4"	144 1/2"	144 3/4"	145"	145 1/4"	145 1/2"	145 3/4"	146"	146 1/4"	146 1/2"	146 3/4"	147"	147 1/4"	147 1/2"	147 3/4"	148"	148 1/4"	148 1/2"	148 3/4"	149"	149 1/4"	149 1/2"	149 3/4"	150"	150 1/4"	150 1/2"	150 3/4"	151"	151 1/4"	151 1/2"	151 3/4"	152"	152 1/4"	152 1/2"	152 3/4"	153"	153 1/4"	153 1/2"	153 3/4"	154"	154 1/4"	154 1/2"	154 3/4"	155"	155 1/4"	155 1/2"	155 3/4"	156"	156 1/4"	156 1/2"	156 3/4"	157"	157 1/4"	157 1/2"	157 3/4"	158"	158 1/4"	158 1/2"	158 3/4"	159"	159 1/4"	159 1/2"	159 3/4"	160"	160 1/4"	160 1/2"	160 3/4"	161"	161 1/4"	161 1/2"	161 3/4"	162"	162 1/4"	162 1/2"	162 3/4"	163"	163 1/4"	163 1/2"	163 3/4"	164"	164 1/4"	164 1/2"	164 3/4"	165"	165 1/4"	165 1/2"	165 3/4"	166"	166 1/4"	166 1/2"	166 3/4"	167"	167 1/4"	167 1/2"	167 3/4"	168"	168 1/4"	168 1/2"	168 3/4"	169"	169 1/4"	169 1/2"	169 3/4"	170"	170 1/4"	170 1/2"	170 3/4"	171"	171 1/4"	171 1/2"	171 3/4"	172"	172 1/4"	172 1/2"	172 3/4"	173"	173 1/4"	173 1/2"	173 3/4"	174"	174 1/4"	174 1/2"	174 3/4"	175"	175 1/4"	175 1/2"	175 3/4"	176"	176 1/4"	176 1/2"	176 3/4"	177"	177 1/4"	177 1/2"	177 3/4"	178"	178 1/4"	178 1/2"	178 3/4"	179"	179 1/4"	179 1/2"	179 3/4"	180"	180 1/4"	180 1/2"	180 3/4"	181"	181 1/4"	181 1/2"	181 3/4"	182"	182 1/4"	182 1/2"	182 3/4"	183"	183 1/4"	183 1/2"	183 3/4"	184"	184 1/4"	184 1/2"	184 3/4"	185"	185 1/4"	185 1/2"	185 3/4"	186"	186 1/4"	186 1/2"	186 3/4"	187"	187 1/4"	187 1/2"	187 3/4"	188"	188 1/4"	188 1/2"	188 3/4"	189"	189 1/4"	189 1/2"	189 3/4"	190"	190 1/4"	190 1/2"	190 3/4"	191"	191 1/4"	191 1/2"	191 3/4"	192"	192 1/4"	192 1/2"	192 3/4"	193"	193 1/4"	193 1/2"	193 3/4"	194"	194 1/4"	194 1/2"	194 3/4"	195"	195 1/4"	195 1/2"	195 3/4"	196"	196 1/4"	196 1/2"	196 3/4"	197"	197 1/4"	197 1/2"	197 3/4"	198"	198 1/4"	198 1/2"	198 3/4"	199"	199 1/4"	199 1/2"	199 3/4"	200"	200 1/4"	200 1/2"	200 3/4"	201"	201 1/4"	201 1/2"	201 3/4"	202"	202 1/4"	202 1/2"	202 3/4"	203"	203 1/4"	203 1/2"	203 3/4"	204"	204 1/4"	204 1/2"	204 3/4"	205"	205 1/4"	205 1/2"	205 3/4"	206"	206 1/4"	206 1/2"	206 3/4"	207"	207 1/4"	207 1/2"	207 3/4"	208"	208 1/4"	208 1/2"	208 3/4"	209"	209 1/4"	209 1/2"	209 3/4"	210"	210 1/4"	210 1/2"	210 3/4"	211"	211 1/4"	211 1/2"	211 3/4"	212"	212 1/4"	212 1/2"	212 3/4"	213"	213 1/4"	213 1/2"	213 3/4"	214"	214 1/4"	214 1/2"	214 3/4"	215"	215 1/4"	215 1/2"	215 3/4"	216"	216 1/4"	216 1/2"	216 3/4"	217"	217 1/4"	217 1/2"	217 3/4"	218"	218 1/4"	218 1/2"	218 3/4"	219"	219 1/4"	219 1/2"	219 3/4"	220"	220 1/4"	220 1/2"	220 3/4"	221"	221 1/4"	221 1/2"	221 3/4"	222"	222 1/4"	222 1/2"	222 3/4"	223"	223 1/4"	223 1/2"	223 3/4"	224"	224 1/4"	224 1/2"	224 3/4"	225"	225 1/4"	225 1/2"	225 3/4"	226"	226 1/4"	226 1/2"	226 3/4"	227"	227 1/4"	227 1/2"	227 3/4"	228"	228 1/4"	228 1/2"	228 3/4"	229"	229 1/4"	229 1/2"	229 3/4"	230"	230 1/4"	230 1/2"	230 3/4"	231"	231 1/4"	231 1/2"	231 3/4"	232"	232 1/4"	232 1/2"	232 3/4"	233"	233 1/4"	233 1/2"	233 3/4"	234"	234 1/4"	234 1/2"	234 3/4"	235"	235 1/4"	235 1/2"	235 3/4"	236"	236 1/4"	236 1/2"	236 3/4"	237"	237 1/4"	237 1/2"	237 3/4"	238"	238 1/4"	238 1/2"	238 3/4"	239"	239 1/4"	239 1/2"	239 3/4"	240"	240 1/4"	240 1/2"	240 3/4"	241"	241 1/4"	241 1/2"	241 3/4"	242"	242 1/4"	242 1/2"	242 3/4"	243"	243 1/4"	243 1/2"	243 3/4"	244"	244 1/4"	244 1/2"	244 3/4"	245"	245 1/4"	245 1/2"	245 3/4"	246"	246 1/4"	246 1/2"	246 3/4"	247"	247 1/4"	247 1/2"	247 3/4"	248"	248 1/4"	248 1/2"	248 3/4"	249"	249 1/4"	249 1/2"	249 3/4"	250"	250 1/4"	250 1/2"	250 3/4"	251"	251 1/4"	251 1/2"	251 3/4"	252"	252 1/4"	252 1/2"	252 3/4"	253"	253 1/4"	253 1/2"	253 3/4"	254"	254 1/4"	254 1/2"	254 3/4"	255"	255 1/4"	255 1/2"	255 3/4"	256"	256 1/4"	256 1/2"	256 3/4"	257"	257 1/4"	257 1/2"	257 3/4"	258"	258 1/4"	258 1/2"	258 3/4"	259"	259 1/4"	259 1/2"	259 3/4"	260"	260 1/4"	260 1/2"	260 3/4"	261"	261 1/4"	261 1/2"	261 3/4"	262"	262 1/4"	262 1/2"	262 3/4"	263"	263 1/4"	263 1/2"	263 3/4"	264"	264 1/4"	264 1/2"	264 3/4"	265"	265 1/4"	265 1/2"	265 3/4"	266"	266 1/4"	266 1/2"	266 3/4"	267"	267 1/4"	267 1/2"	267 3/4"	268"	268 1/4"	268 1/2"	268 3/4"	269"	269 1/4"	269 1/2"	269 3/4"	270"	270 1/4"	270 1/2"	270 3/4"	271"	271 1/4"	271 1/2"	271 3/4"	272"	272 1/4"	272 1/2"	272 3/4"	273"	273 1/4"	273 1/2"	273 3/4"	274"	274 1/4"	274 1/2"	274 3/4"	275"	275 1/4"	275 1/2"	275 3/4"	276"	276 1/4"	276 1/2"	276 3/4"	277"	277 1/4"	277 1/2"	277 3/4"	278"	278 1/4"	278 1/2"	278 3/4"	279"	279 1/4
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Gouges

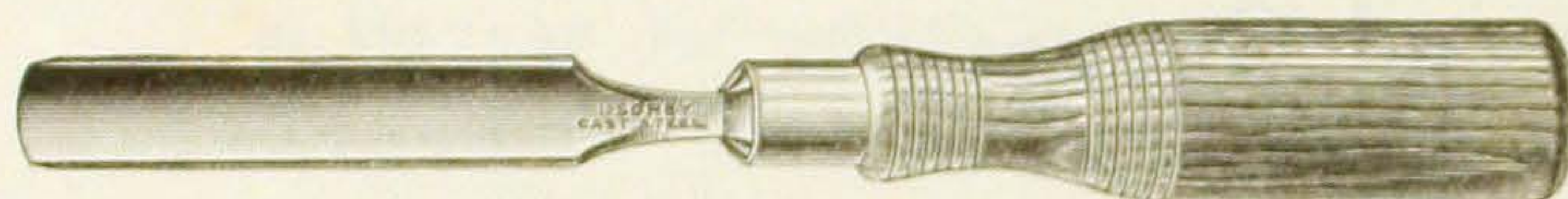


No. PHS 7517 Cast Steel, Firmer Gouge.



No. PHS 7576 Cast Steel Coachmaker's Gouge.

No. PHS 7517	A, B, C, D, & E	$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	4"	each.
	Curves	... 10d.	10d.	10d.	10d.	11d.	11d.	1/-	1/-	1/1	1/2	1/4	1/6	1/9	2/-	2/2	2/6	2/8	3/-	3/3	3/8	...	...	...	...	...	...	...
No. PHS 7518	F Curve	...	1/-	1/-	1/-	1/-	1/-	1/1	1/2	1/3	1/4	1/6	1/8	1/11	2/2	2/4	2/7	2/11	3/3	3/5	3/11	...	...	...	...	...	...	...
No. PHS 7521	Cannelled In.	11d.	11d.	11d.	11d.	11d.	1/-	1/-	1/1	1/2	1/3	1/5	1/7	1/10	2/1	2/3	2/6	2/10	3/2	3/4	3/10	...	...	...	...	...	...	...

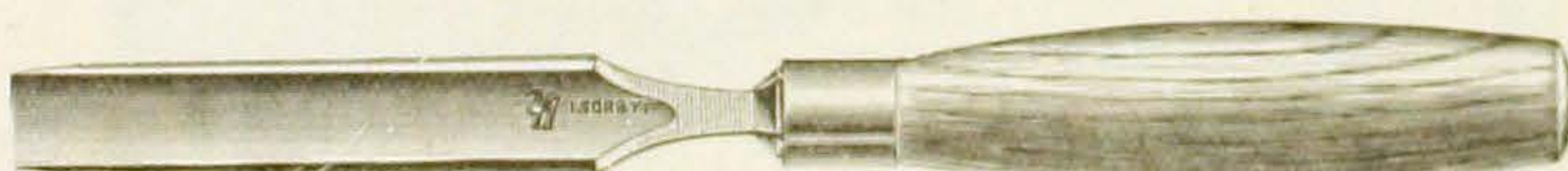


No. PHS 7524 Cast Steel Firmer Gouges.

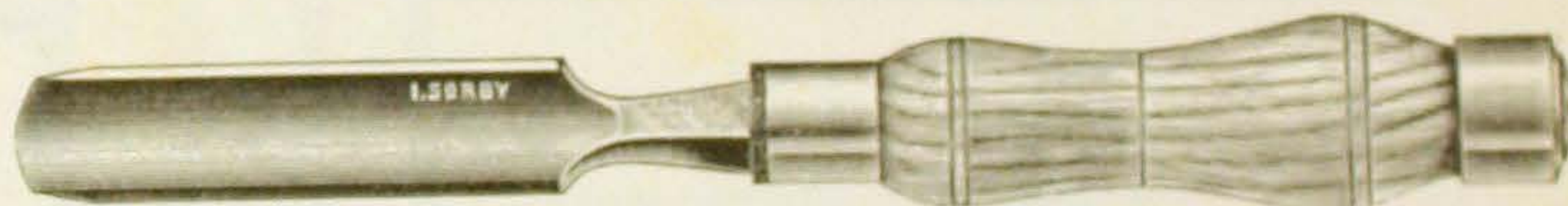


No. PHS 7529 Cast Steel Firmer Gouges. In Cannel.

		$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	2 $\frac{3}{4}$ "	3"	3 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "	3 $\frac{3}{4}$ "	4"	each.	
No. PHS 7529	Ash or Beech Handle	1/3	1/3	1/3	1/3	1/4	1/4	1/5	1/5	1/6	1/8	1/9	1/11	2/3	2/6	2/8	3/-	3/4	3/8	3/10	4/4	each.							
No. PHS 7530	Boxwood Hdl.	1/6	1/6	1/6	1/6	1/7	1/7	1/8	1/9	1/9	1/11	2/1	2/3	2/7	2/10	3/-	3/3	3/8	4/-	4/2	4/8	..							
No. PHS 7531	.. Carving patt. handle	1/6	1/6	1/6	1/6	1/7	1/7	1/8	1/9	1/9	1/11	2/1	2/3	2/7	2/10	3/-	3/3	3/8	4/-	4/2	4/8	..							
No. PHS 7532	Oct. Box. Hdl.	1/8	1/8	1/8	1/8	1/9	1/9	1/10	1/10	1/11	2/-	2/3	2/5	2/9	3/-	3/3	3/6	3/11	4/2	4/5	4/10	..							
No. PHS 7524	Ash or Beech Handle ...	1/3	1/3	1/3	1/3	1/3	1/4	1/4	1/5	1/6	1/7	1/9	1/11	2/2	2/5	2/7	2/11	3/3	3/6	3/9	4/2	..							
No. PHS 7525	Beech Carving Patt. Hdle.	1/3	1/3	1/3	1/3	1/3	1/4	1/4	1/5	1/6	1/7	1/9	1/11	2/2	2/5	2/7	2/11	3/3	3/6	3/9	4/2	..							



No. PHS 7527 Cast Steel Firmer Gouges.



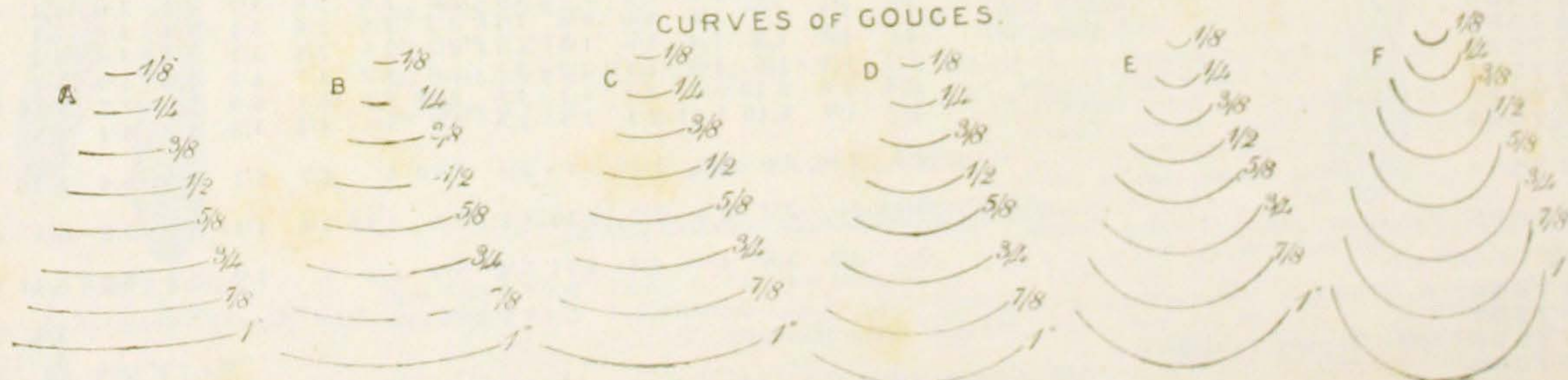
No. PHS 7570 Cast Steel Registered Gouge.

			$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"	
No. PHS 7527	Boxwood																					
	Carving	pattern Hdle.	1/6	1/6	1/6	1/6	1/6	1/7	1/8	1/8	1/9	1/10	2/-	2/2	2/6	2/9	2/11	3/3	3/6	3/10	4/-	4/6 each
No. PHS 7526	Round																					
	Boxwood	Handle	...	1/6	1/6	1/6	1/6	1/7	1/8	1/8	1/9	1/10	2/-	2/2	2/6	2/9	2/11	3/3	3/6	3/10	4/-	4/6 "
No. PHS 7528	Octagon																					
	Boxwood	Handle	...	1/8	1/8	1/8	1/8	1/8	1/9	1/9	1/10	1/11	2/-	2/2	2/4	2/8	2/11	3/2	3/5	3/9	4/-	4/3 4/9 "
No. PHS 7570	Ash handled		—	—	—	2/4	—	2/4	—	2/5	2/6	2/8	2/10	3/4	3/9	4/-	4/2	4/4	—	—	—	— "

NOT ILLUSTRATED.

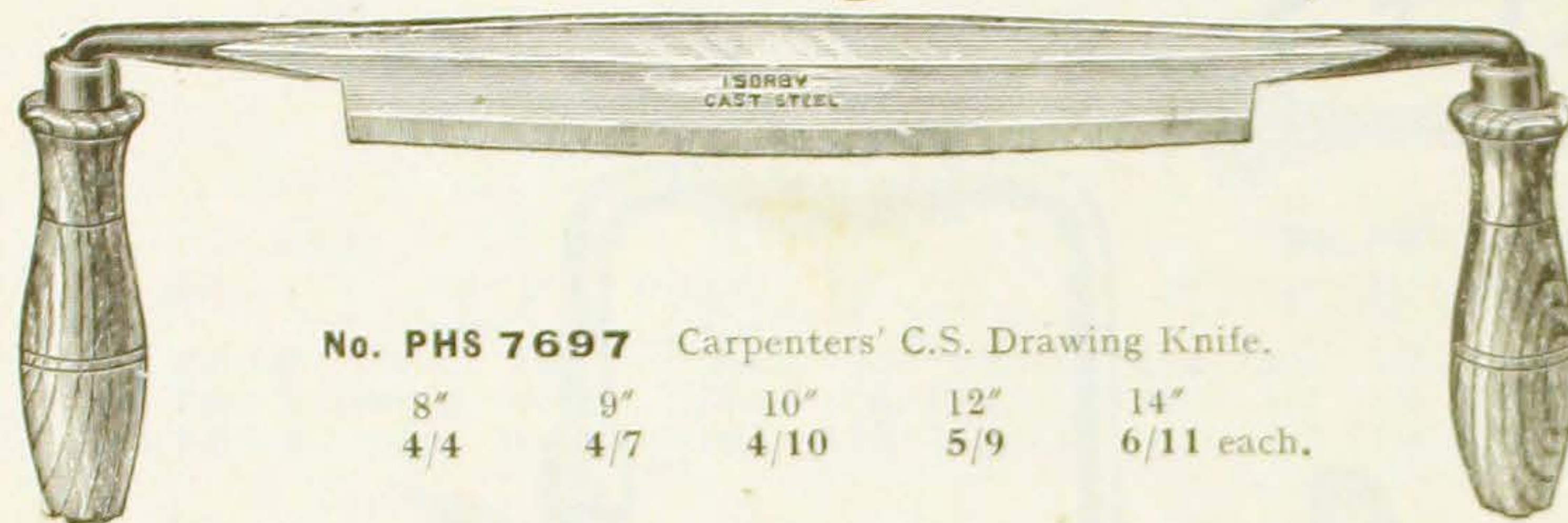
		$\frac{1}{16}$ "	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	1 $\frac{7}{8}$ "	2"		
No. PHS 7511	Strong Firmer	Chisels, Ash Handles																			
		1/8	1/8	1/8	1/8	1/8	1/9	1/9	1/9	1/11	2/-	2/2	2/5	2/8	2/11	3/3	3/5	3/10	4/1	4/4	4/7 each.

CURVES OF GOUGES.



"A" Basis.

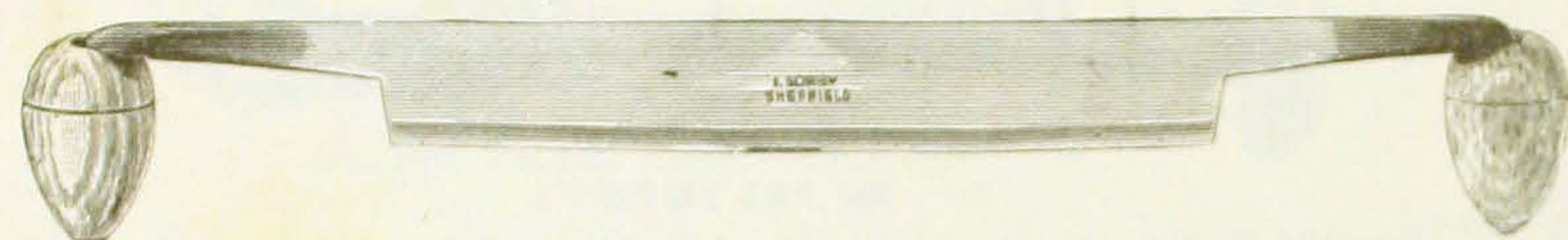
Drawing Knives, Brad Awls, Blades, etc.



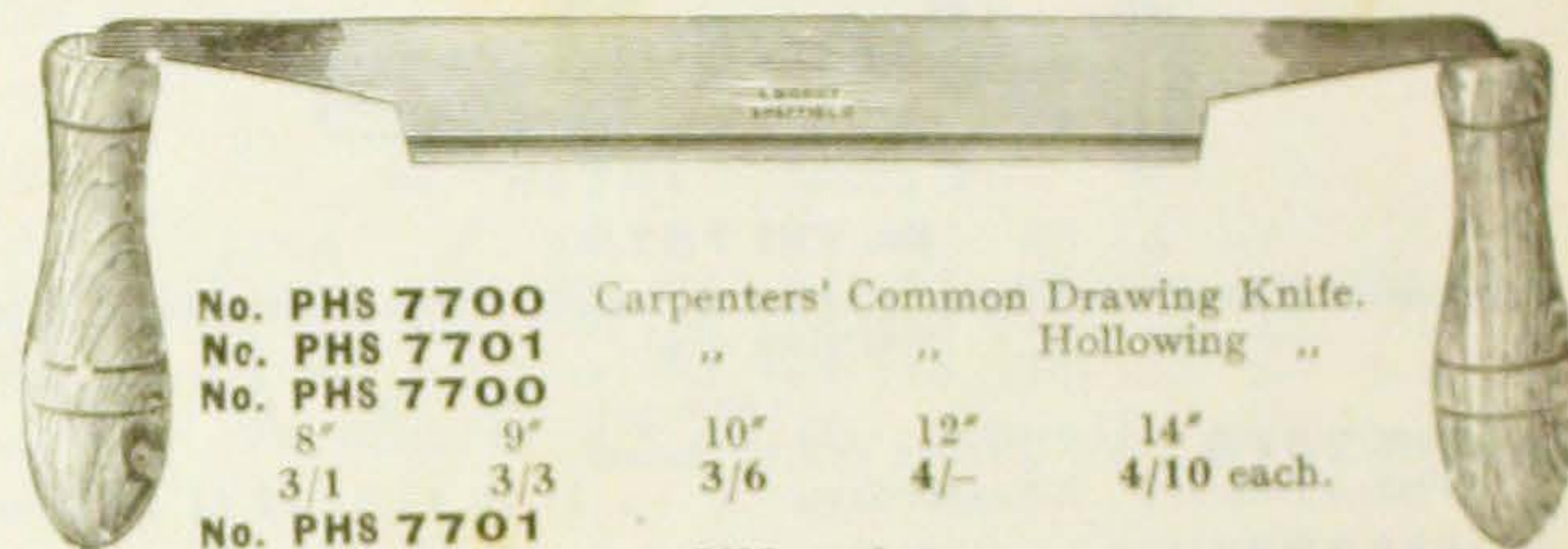
No. PHS 7697 Carpenters' C.S. Drawing Knife.
 8" 9" 10" 12" 14"
 4/4 4/7 4/10 5/9 6/11 each.



No. PHS 7698— Carpenters' London Pattern C.S. Drawing Knife.
 8" 9" 10" 12" 14"
 4/4 4/7 4/10 5/9 7/- each.



No. PHS 7699 Egg Handled C.S. Drawing Knife.
 8" 9" 10" 12" 14"
 4/4 4/7 4/10 5/9 6/11 each.



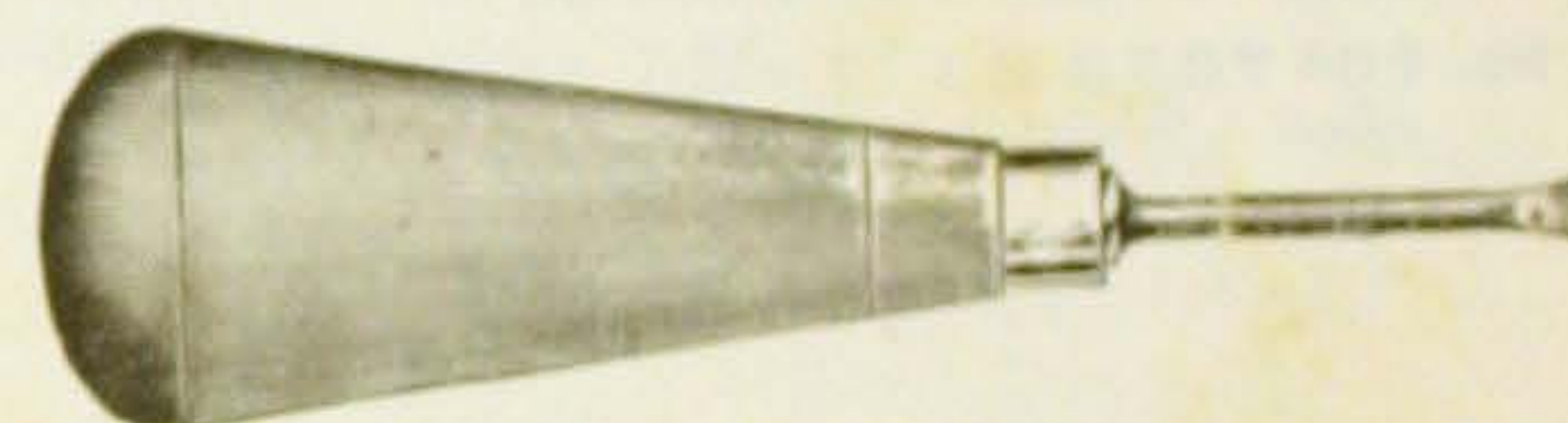
No. PHS 7700 Carpenters' Common Drawing Knife.
No. PHS 7701 " " Hollowing "
No. PHS 7700 8" 9" 10" 12" 14"
 3/1 3/3 3/6 4/- 4/10 each.
No. PHS 7701 3/6 3/8 3/10 each.



No. PHS 7702 Best quality Round Ash Handled Brad Awl ... 4d. each.
No. PHS 7703 Medium quality, ditto. 4d. "
No. PHS 7704 Best quality Oval Beech Handled Brad Awl ... 6d. "
 Supplied with Beech Handles at same price.



No. PHS 7705 Round, Box Handled Brad Awl, 7d. each.



No. PHS 7706 Pear-shape Box Handled Brad Awl, 7d. each.

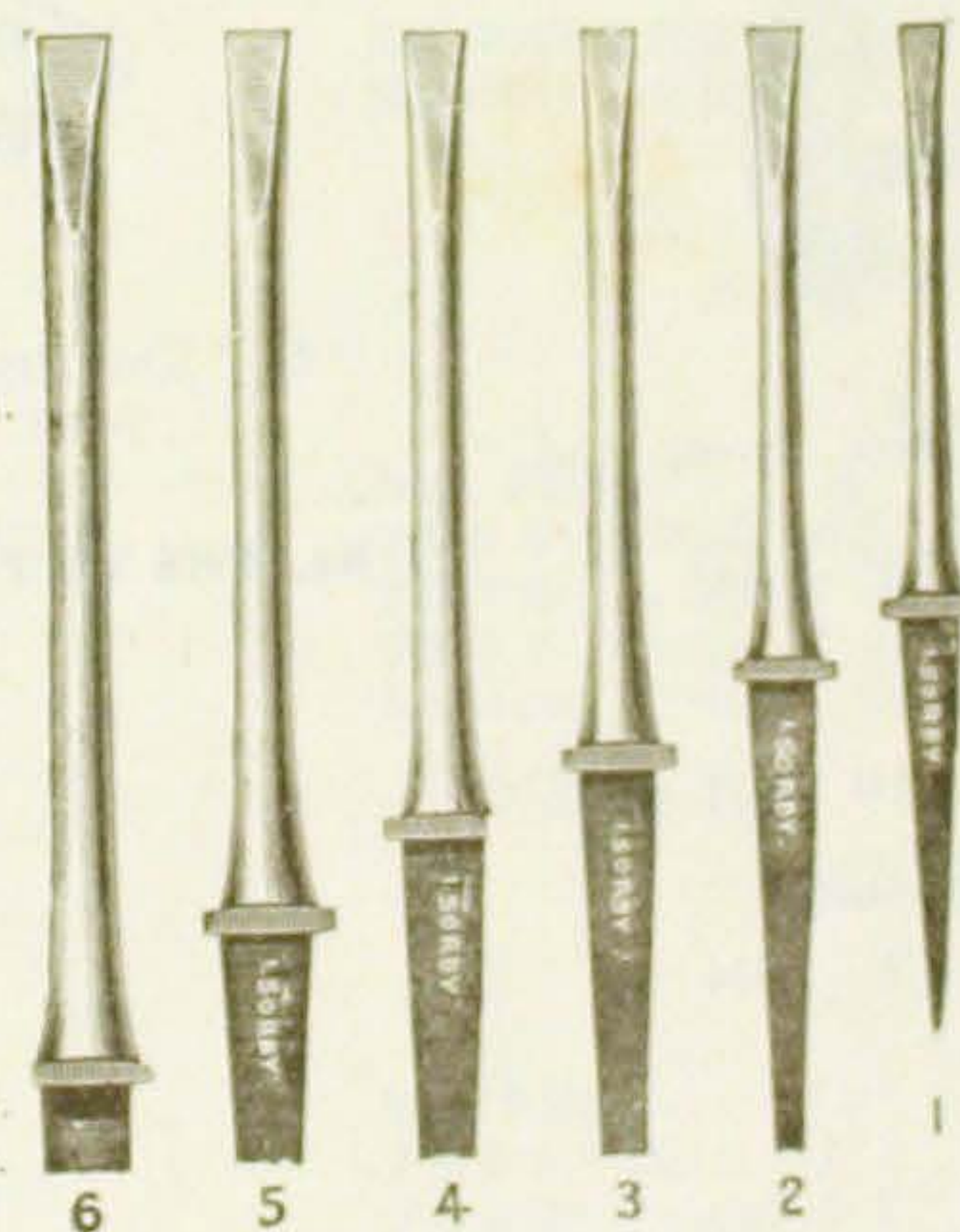
Above Handled Brad Awls can be supplied through pinned at 2d. each extra.



No. PHS 7707 Ash Handled "Fast Tang" Brad Awls ... 4d. each.
No. PHS 7708 Round Beech Handled Birdcage Awls ... 4d. "
No. PHS 7709 Best Round Beech Handled Flooring Awls ... 6d. "
No. PHS 7710 Best Oval ditto ditto ... 7d. "
No. PHS 7711 London pattern Ash Handled Flooring Awls ... 6d. "

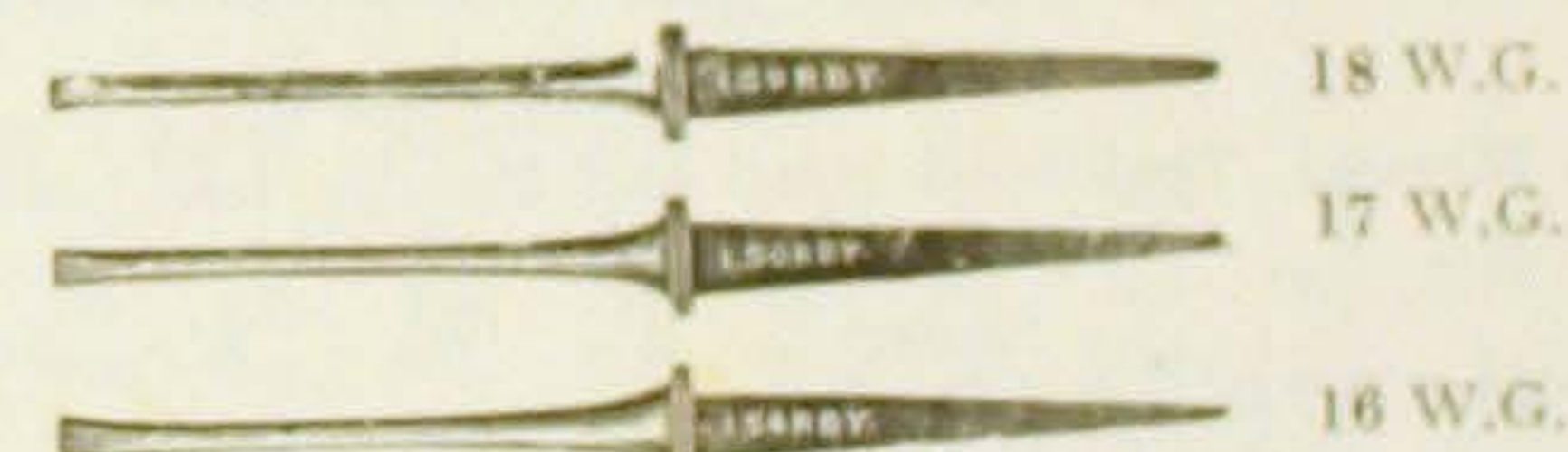
BRAD AWL BLADES.

Length	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"
Gauges	...14-17	12-17	10-16	10-16	10-15	9-15 W.G.
PHS 7716	2d.	3d.	3d.	4d.	4d.	6d. each.



No. PHS 7715 Brad Awl Blades (full size) Best Warranted.
No. PHS 7714 " " " " Medium quality.

Number	...	1	2	3	4	5	6
Length	...	1"	1 1/4"	1 1/2"	1 3/4"	1 7/8"	2"
Gauges	...	15	14	13	12	11	10 W.G.
No. PHS 7714	...	2d.	2d.	2d.	2d.	2d.	2d. each.
No. PHS 7715	...	2d.	2d.	2d.	2d.	2d.	2d. "
No. PHS 7714	Assorted Blades Nos. 1 to 6, 1/3 per dozen.						
No. PHS 7715	" " " " 1 to 6, 1/5 per dozen.						



No. PHS 7717 Fine Sprig Awl Blades (full size).
 18 17 16 W.G.
 2d. 2d. 2d. each.



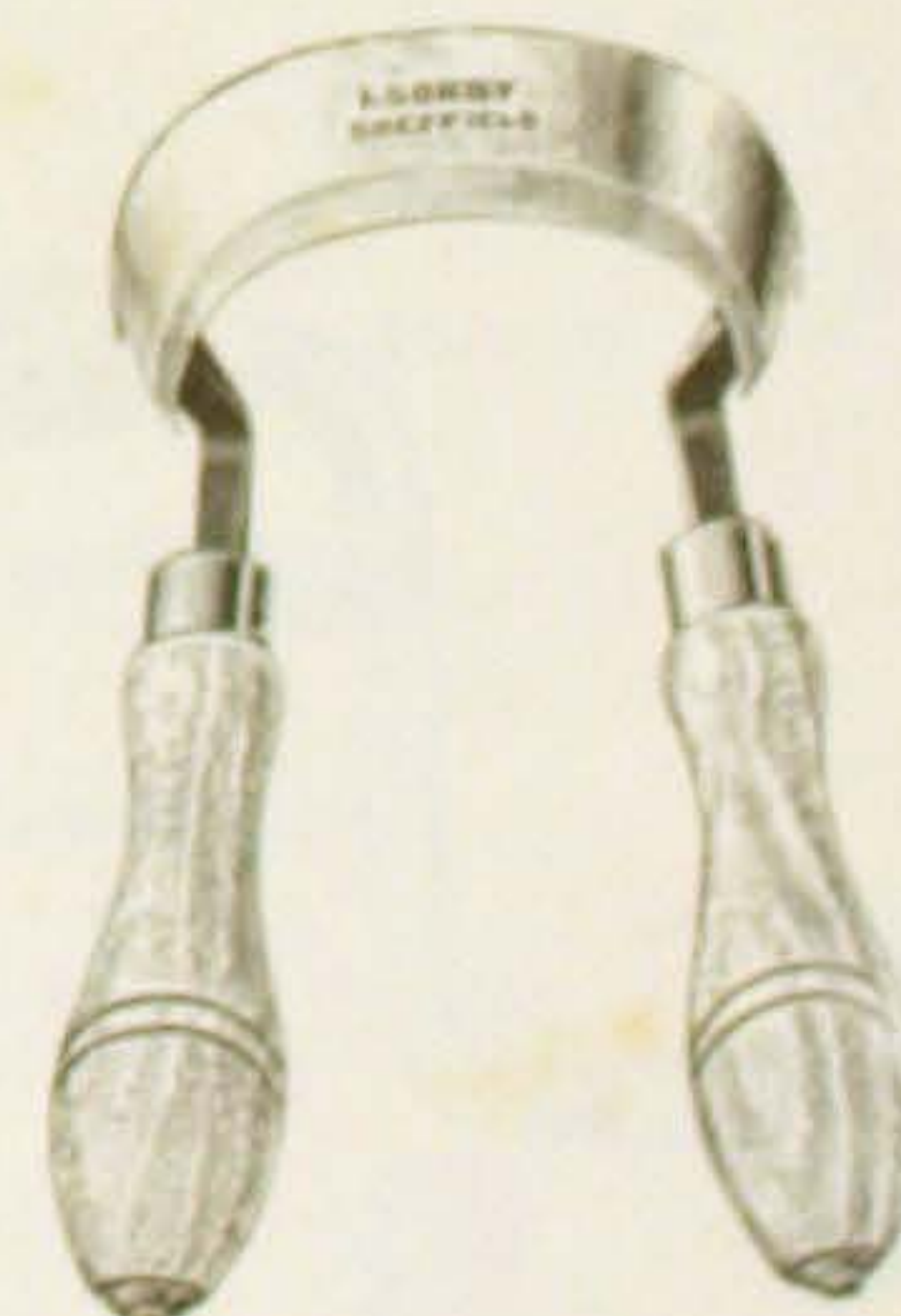
No. PHS 7719 Two-Handled In-Shave.

No. PHS 7718 Coopers' one handle In-Shave, 3/1 each

No. PHS 7719 Coopers' two handle In-Shave, 3/1 each.

No. PHS 7712 Best C.S. Pad Saw Blade.
No. PHS 7713 Second grade C.S. Pad Saw Blade.
 6" 7" 8" 9" 10" 12" 14" 16" Assorted to 12"
No. PHS 7712 6d. 6d. 6d. 6d. 6d. 6d. 7d. 9d. each. 5/6 doz.
No. PHS 7713 4d. 4d. 4d. 4d. 4d. 4d. — — — 3/8 "

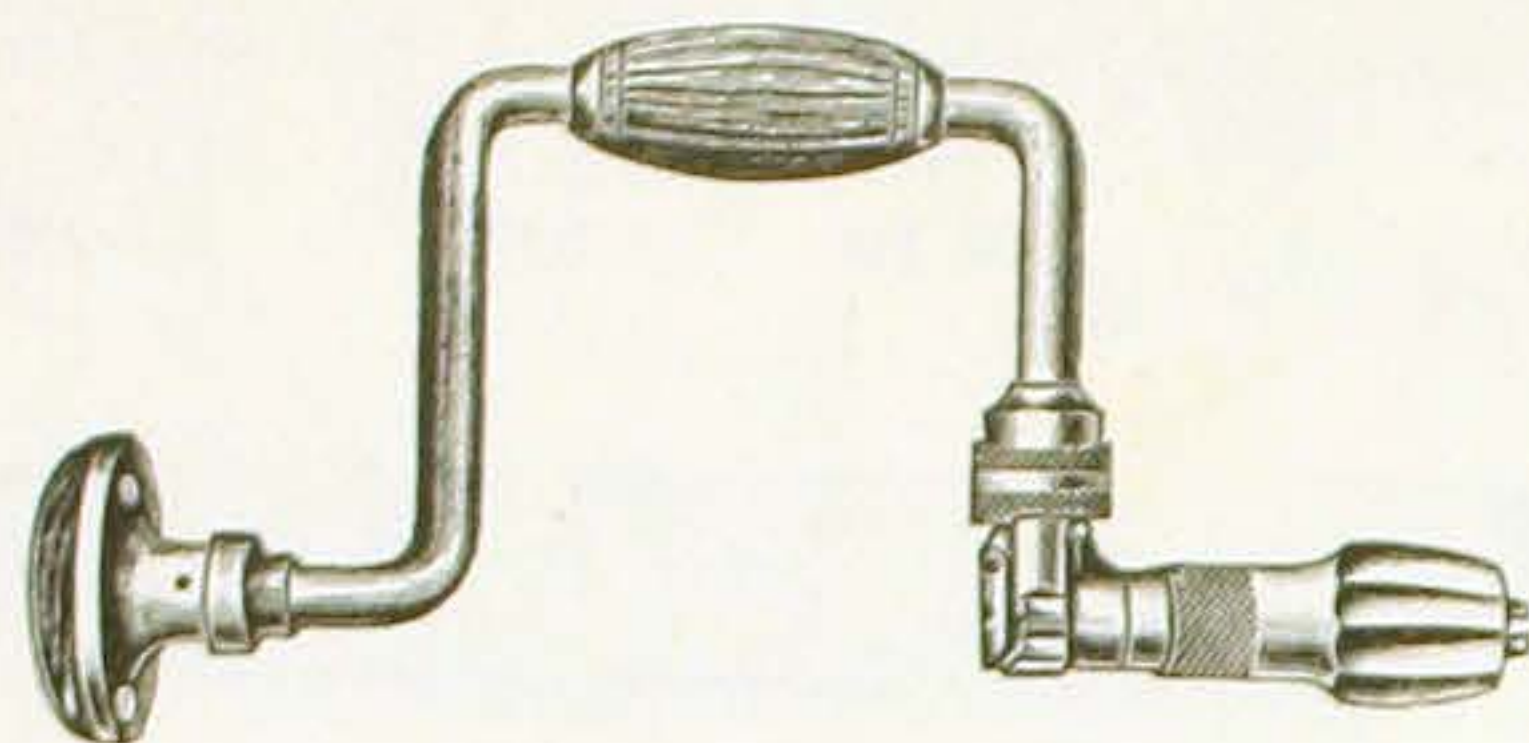
PAD SAW BLADES.



Scotch pattern In-Shave.
No. PHS 7720 Coopers' London pattern In-Shave, 4/7 each.
No. PHS 7721 Coopers' Scotch pattern In-Shave, 4/7 each.

"A" Basis.

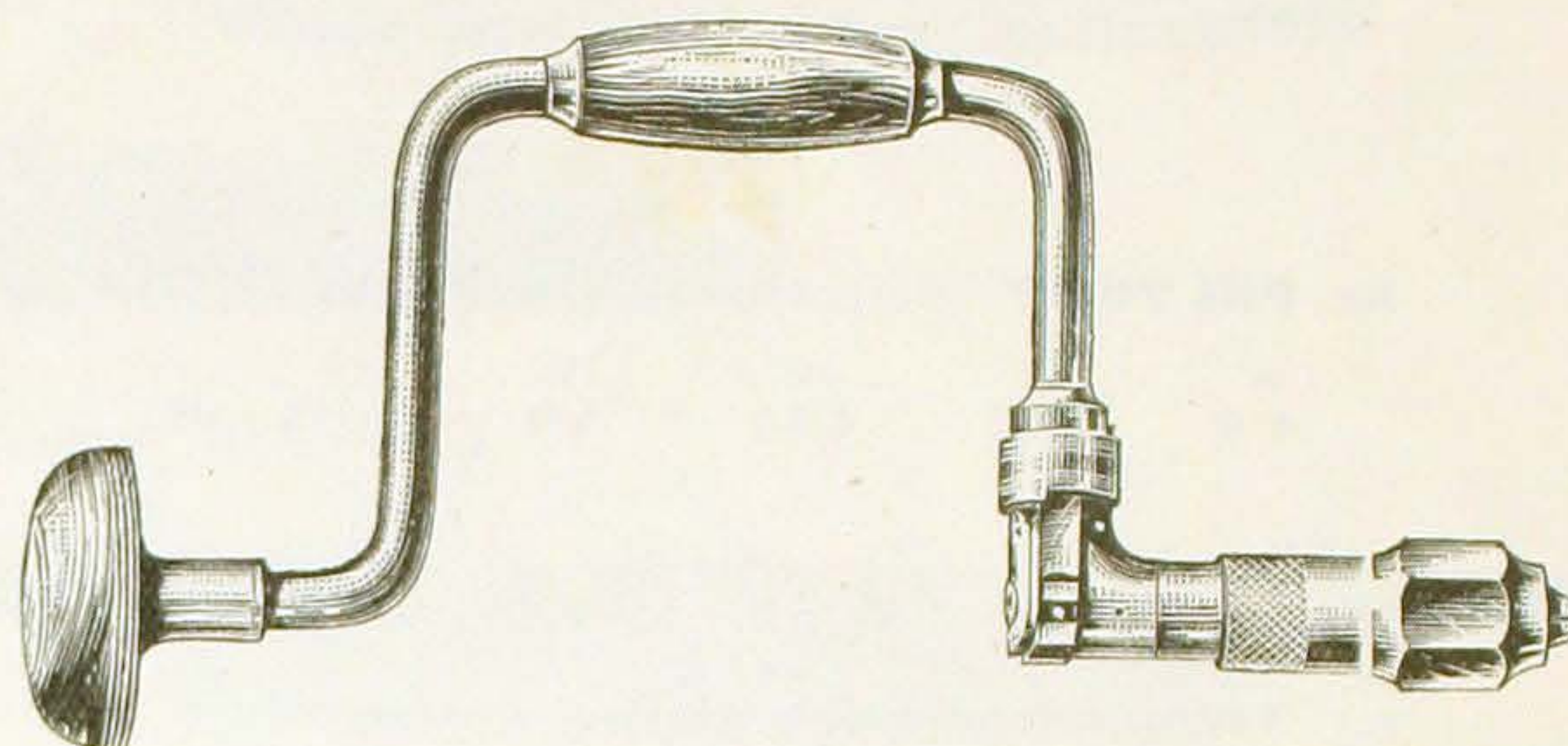
BRACES



No. PHS 7870

A Quality Brace, Hardwood Head and Handle. Ball bearing head, sweep and jaws steel.

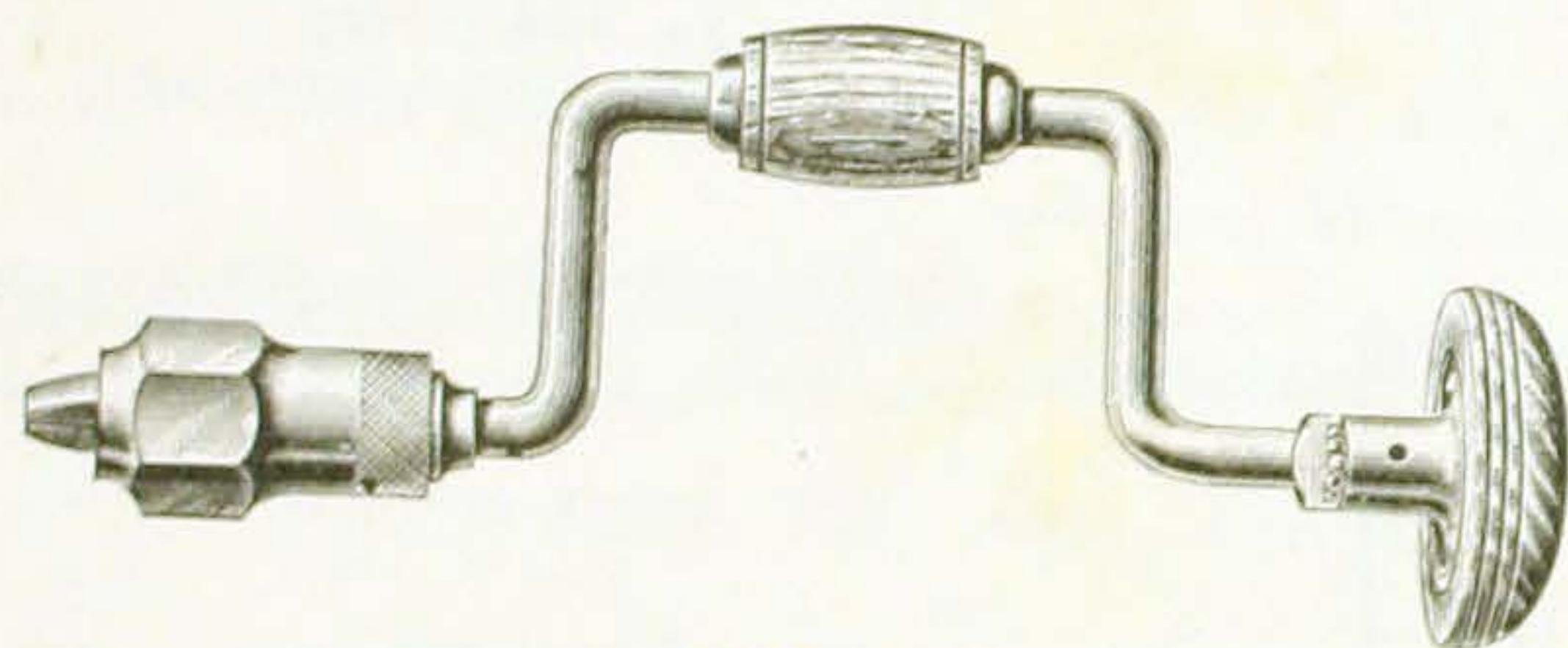
	Sweep	8"	10"	12"	14"
No. PHS 7870 "A" Quality Brace, Nickel Plated Ratchet. Alligator jaws	...	11/10	12/8	12/11	13/2 each.
No. PHS 7871 "A" Quality Brace. Without Ratchet. Alligator jaws	...	7/2	7/11	8/2	8/6 "
No. PHS 7872 "A" Quality Brace. Polished. Nickel Plated Ratchet	...	10/4	11/1	11/4	11/7 "
No. PHS 7873 "A" Quality Brace. Polished. Without Ratchet	...	5/7	6/4	6/7	6/11 "



No. PHS 7874

Ratchet Brace. Teakwood Head and Handle, ball bearing head, sweep and jaws steel.

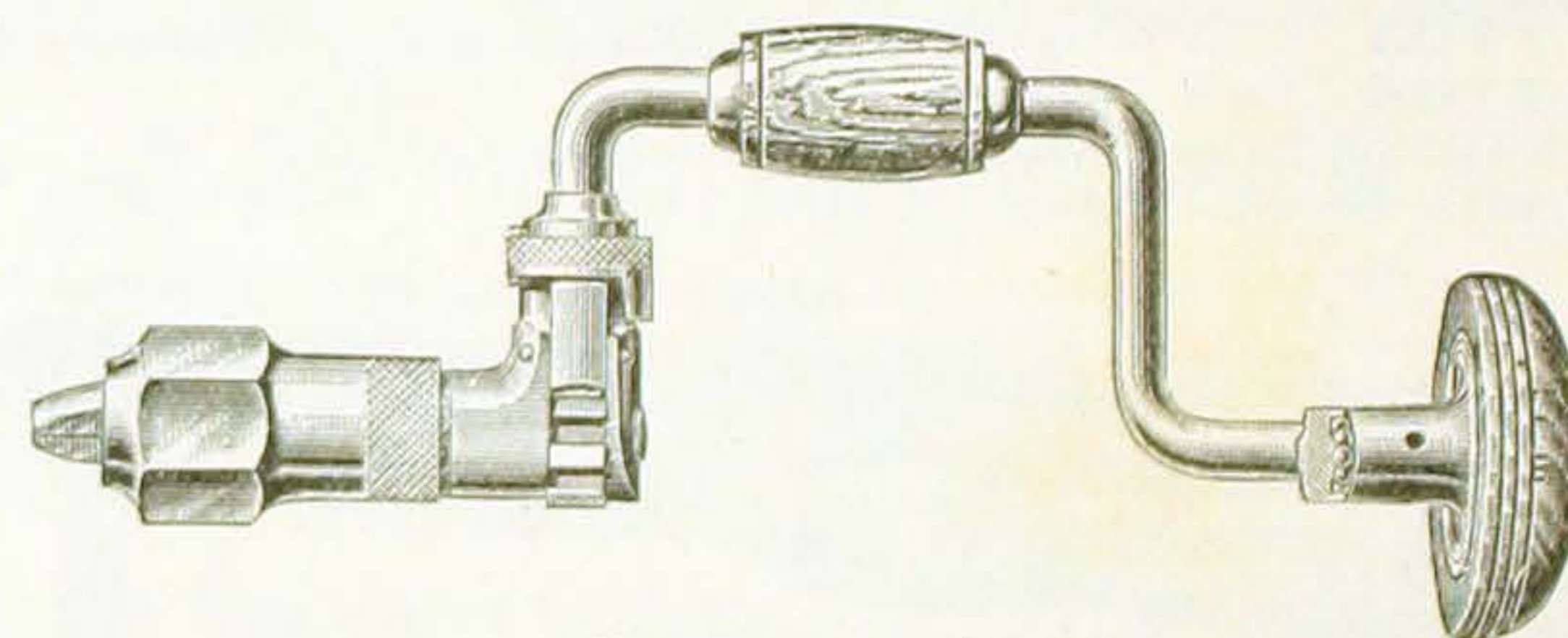
	Sweep	5"	7"	8"	10"	12"	14"
No. PHS 7874 "B" Quality Brace, Nickel Plated. Hexagon grip and Alligator jaws	10/4	10/4	10/4	11/1	11/4	11/7	each
No. PHS 7875 "C" Quality Brace. Polished. Hexagon grip and plain jaws	8/9	8/9	8/9	9/6	9/9	10/-	"



No. PHS 7876

Plain Brace. Teakwood Head and Handle, ball bearing head, sweep and jaws steel.

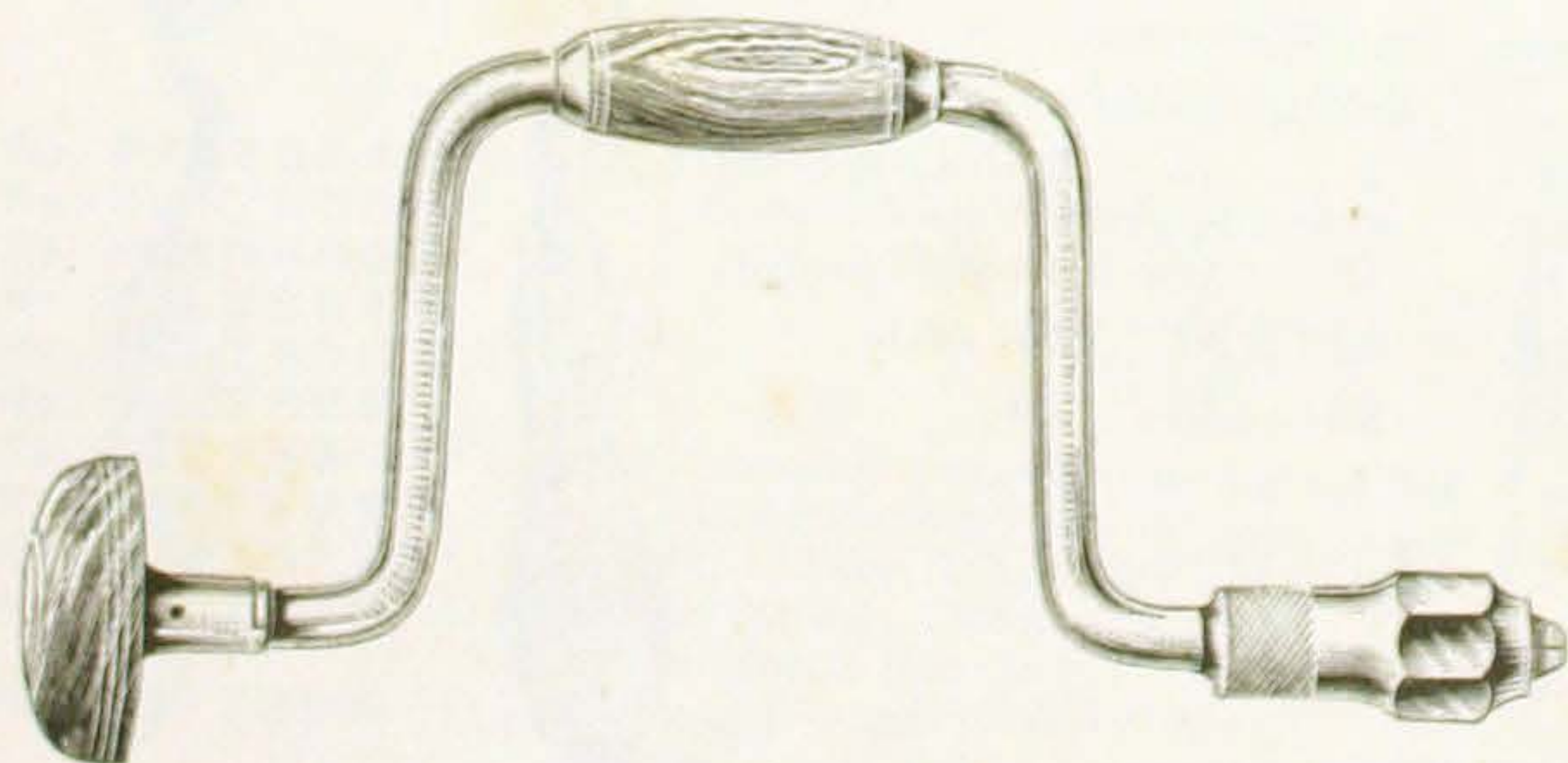
	Sweep	5"	7"	8"	10"	12"	14"
No. PHS 7876 "B" Quality Brace. Nickel Plated. Hexagon Grip and Alligator Jaws	...	4/3	4/6	5/1	5/7	5/10	6/1 each.
No. PHS 7877 "C" Quality Brace. Polished. Hexagon Grip and Plain Jaws	3/6	3/9	4/3	4/9	5/1	5/4	"



No. PHS 7878

"D" Quality Ratchet Brace. Beechwood head and handle, sweep and jaws steel. Bright. Hex. grip and plain jaws.

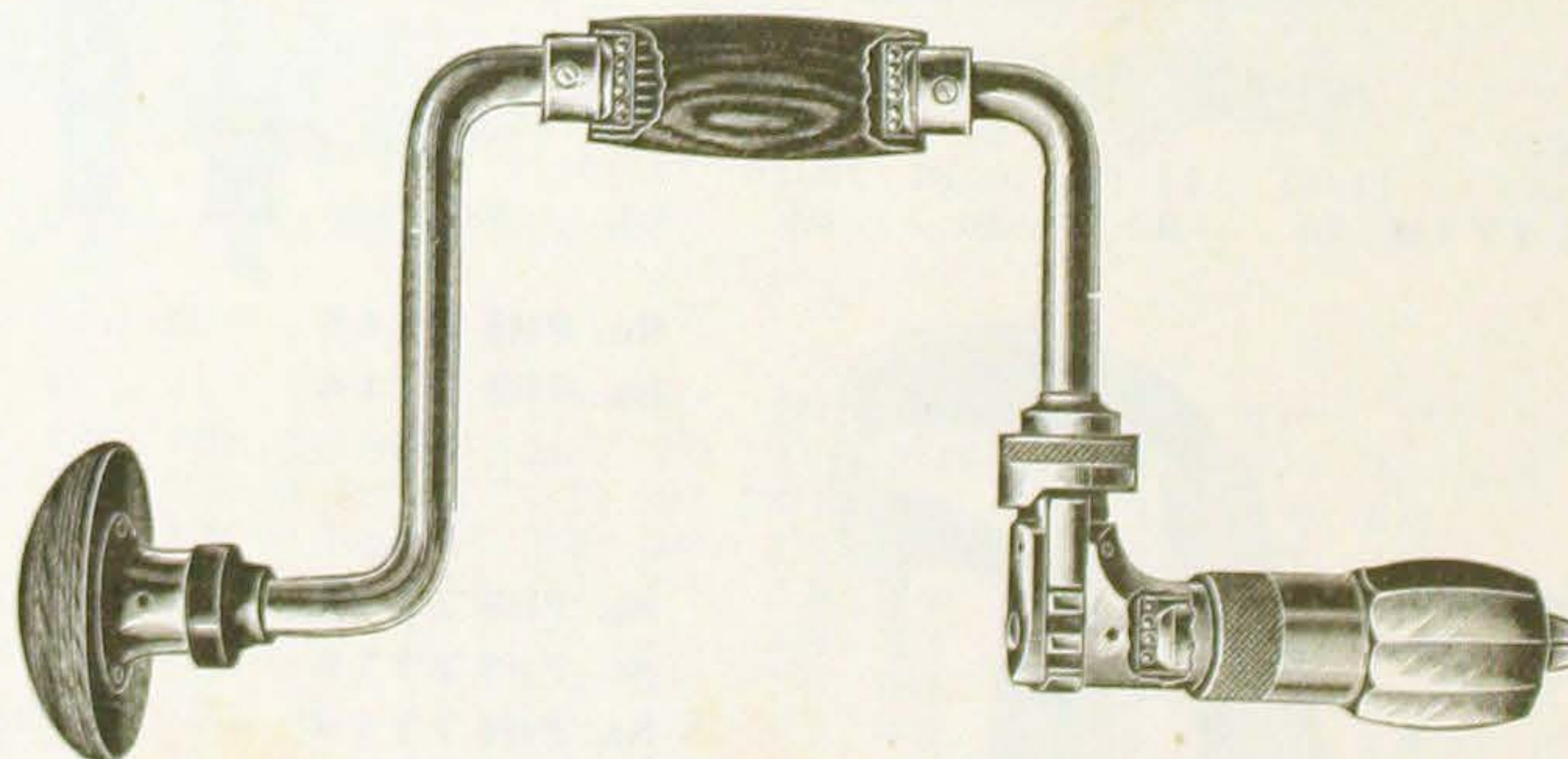
	Sweep	...	8"	9"	10"	12"	14"
No. PHS 7878	...	...	7/5	7/11	8/9	8/11	9/3 each.



No. PHS 7879

"D" Quality Brace. Sweep and jaws steel. Bright. Hex. Grip and plain jaws.

	Sweep	7"	8"	9"	10"	12"	14"
No. PHS 7879	...	2/11	3/3	3/5	4/6	4/9	5/1 each.



No. PHS 7880

"A" Quality Ratchet Brace. Ball bearing handle. Same as PHS 7870, except the handle, which has fitted in each end steel ball race, and is adjusted by steel cones. There is also a ball race between the ratchet head and the spindle which carries the jaws.

	Sweep	...	8"	10"	12"
No. PHS 7880 "A" Quality Brace, with ratchet Registered grip and Alligator jaws	...	...	16/7	17/5	17/8 each.
No. PHS 7881 "A" Quality Brace, without ratchet. Registered grip and Alligator jaws	...	...	11/10	12/8	12/11 "

Woodworkers' Bits, etc.



No. PHS 7810 Centre Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	1 $\frac{1}{8}$ "	1 $\frac{1}{4}$ "	1 $\frac{3}{8}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"	2 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	2 $\frac{3}{8}$ "	2 $\frac{1}{2}$ "	2 $\frac{5}{8}$ "	2 $\frac{3}{4}$ "	3"
PHS 7810	Black	7d.	8d.	9d.	9d.	10d.	11d.	1/-	1/2	1/4	1/5	1/8	1/9	2/-	2/3	2/10	3/3	3/8	4/2	4/10	5/7	6/5	7/3	each.
PHS 7811	Bright	9d.	10d.	10d.	11d.	1/-	1/1	1/2	1/4	1/6	1/7	1/9	2/-	2/2	2/6	3/1	3/8	—	—	—	—	—	—	..
PHS 7812	Straw	10d.	10d.	11d.	11d.	1/-	1/1	1/3	1/4	1/6	1/8	1/10	2/-	2/3	2/6	3/2	3/8	—	—	—	—	—	—	..



No. PHS 7814 Centre Plug Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "
PHS 7814	Black	3/4	3/6	4/-	4/3	4/10	each.

Diameter of Plug must be stated when ordering.



No. PHS 7839 Countersink Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	1"
No. PHS 7839	Black	8d.	8d.	10d.	1/1	1/7	2/- each.
No. PHS 7840	Bright	10d.	10d.	1/-	1/3	1/9	2/2 ..
No. PHS 7841	Straw	11d.	11d.	1/-	1/3	1/9	2/2 ..



No. PHS 7842 Countersink Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	1"
No. PHS 7842	Black	9d.	9d.	11d.	1/3	1/10	2/3 each.
No. PHS 7843	Bright	11d.	11d.	1/1	1/5	2/-	2/6 ..
No. PHS 7844	Straw	11d.	11d.	1/1	1/6	2/1	2/6 ..



Nos.	Black.	Bright.	Straw.
No. PHS 7831	7d.	9d.	10d. each.



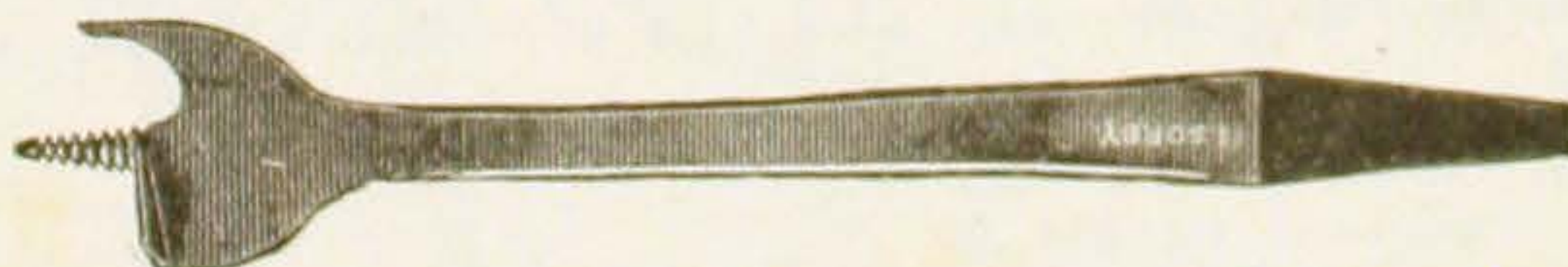
No. PHS 7834 Rimer Bit.

Nos.	Black.	Bright.	Straw.
No. PHS 7834	Square, $\frac{3}{8}$ "	9d.	11d. 1/- each.
No. PHS 7835	Octagon, $\frac{3}{8}$ "	1/-	1/2 1/3 ..
No. PHS 7836	Half Round, $\frac{1}{2}$ "	9d.	11d. 1/- ..



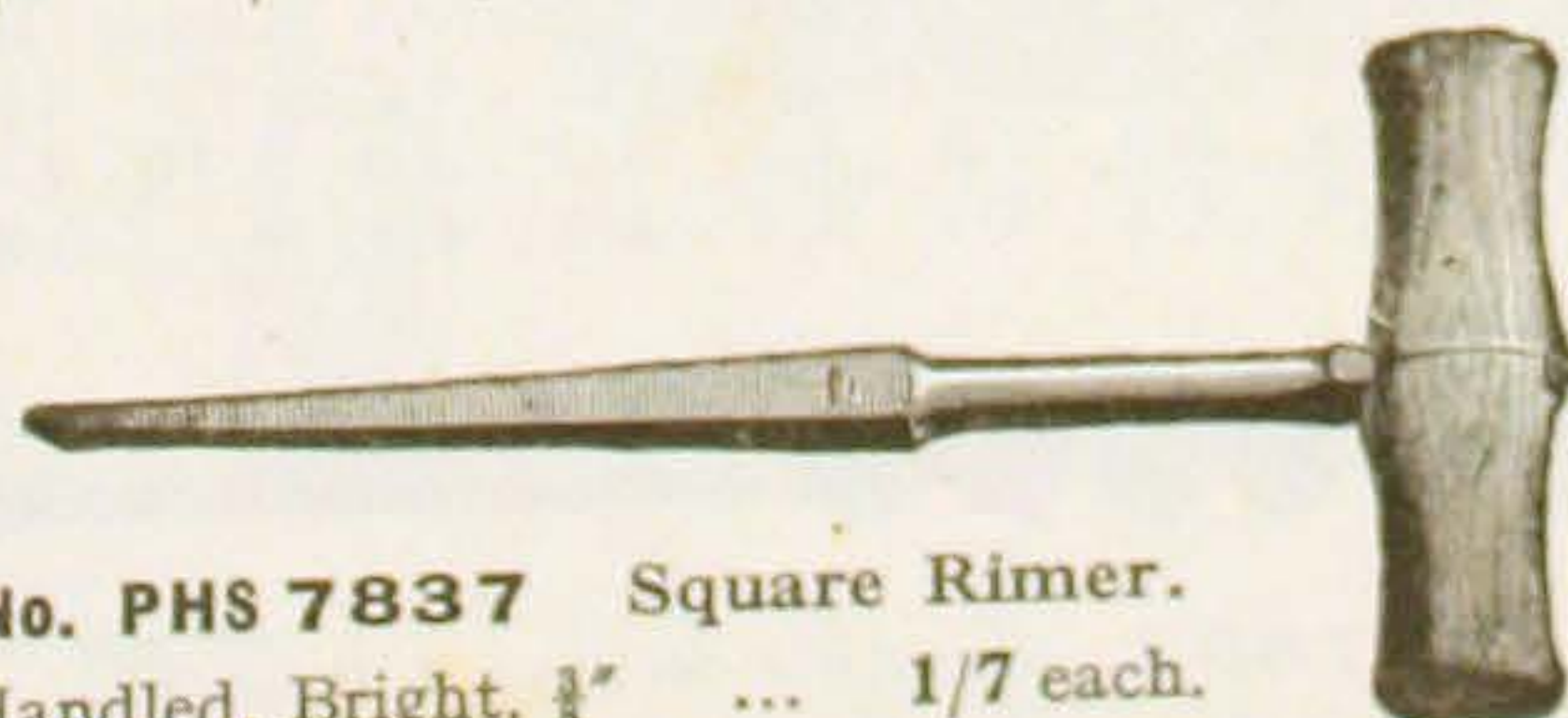
No. PHS 7832 Turncrew Bit.

Nos.	Black.	Bright.	Straw.
No. PHS 7832	Round Blade	11d.	1/- each.
No. PHS 7833	Fork	8d.	10d. 11d. ..



No. PHS 7813 Long Screw Pin Wagon Centre Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
Black	2/6	2/10	2/11	3/2	3/8	4/2	5/2	6/3	8/7	each.	

No. PHS 7837 Square Rimer.
Handled, Bright, $\frac{3}{8}$ " ... 1/7 each.

No. PHS 7818 Spoon Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
PHS 7818	Blk	1/-	1/-	8d.	8d.	9d.	9d.	9d.	10d.	10d.	11d. each.
PHS 7819	Brt.	1/1	1/1	10d.	10d.	10d.	10d.	11d.	11d.	11d.	1/- 1/1 ..
PHS 7820	St'w	1/2	1/2	10d.	10d.	10d.	10d.	11d.	11d.	11d.	1/- 1/2 ..

Assorted: $\frac{1}{8}$ " to $\frac{3}{8}$ " Black, 10/-; Bright, 11/-; Straw, 11/6 per dozen.

No. PHS 7824 Sash Nose Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
No. PHS 7824	Black	...	...	10d.	10d.	11d.	11d.	1/1	1/3	1/4	each.
No. PHS 7825	Bright	...	...	11d.	11d.	1/-	1/1	1/3	1/4	1/6	..
No. PHS 7826	Straw	...	...	1/-	1/-	1/1	1/1	1/4	1/6	1/6	..



No. PHS 7829 Twist Gimlet Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
No. PHS 7829	Bright	...	...	10d.	10d.	10d.	1/-	1/1	1/3	1/6	each.
No. PHS 7830	Straw	...	...	10d.	11d.	11d.	1/-	1/1	1/4	1/6	..



No. PHS 7815 Shell Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
PHS 7815	Black	10d.	10d.	7d.	7d.	7d.	7d.	8d.	8d.	9d.	10d. each.
7816	Bright	1/-	1/-	9d.	9d.	9d.	9d.	9d.	10d.	10d.	11d. 1/- ..
7817	Straw	1/-	1/-	9d.	9d.	9d.	9d.	10d.	10d.	11d.	11d. 1/1 ..

Assorted: $\frac{1}{8}$ " to $\frac{3}{8}$ " Black, 8/-; Bright, 9/6; Straw, 10/- per dozen.



No. PHS 7821 Nose Bit.

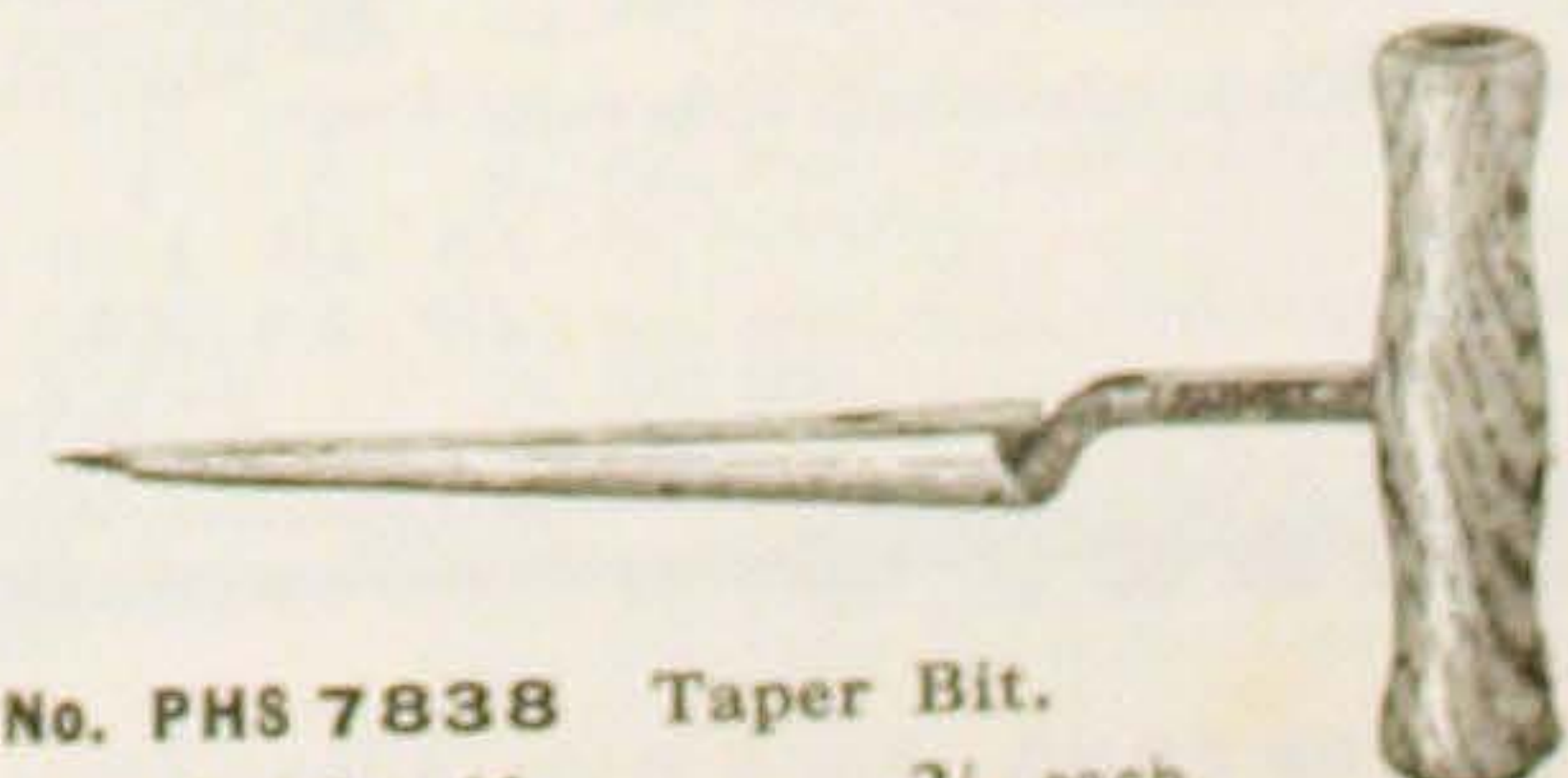
Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
7821	Black	1/-	1/-	8d.	8d.	9d.	9d.	9d.	10d.	10d.	11d. each.
7822	Bright	1/1	1/1	10d.	10d.	10d.	10d.	11d.	11d.	11d.	1/- 1/1 ..
7823	Straw	1/2	1/2	10d.	10d.	10d.	10d.	11d.	11d.	11d.	1/- 1/2 ..

Assorted: $\frac{1}{8}$ " to $\frac{3}{8}$ " Black, 9/6; Bright, 11/-; Straw, 11/6 per dozen.



No. PHS 7827 Shell Gimlet Bit.

Nos.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"
No. PHS 7827	Bright	...	...	10d.	10d.	10d.	11d.	1/1	1/3	1/5	each.
No. PHS 7828	Straw	...	...	10d.	11d.	11d.	1/-	1/1	1/4	1/6	..

No. PHS 7838 Taper Bit.
Handled Bright, $\frac{3}{8}$ " ... 2/- each.

"A" Basis.

Augers

No. PHS 7896
Cloth - lined
Canvas Roll.
To hold 13 Screw
Auger Bits.
8/3 each.



No.	PHS 7859	Tanged	...	...	...	...	...	...	...	...	1/2"	5/8"	3/4"	7/8"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"
No. PHS 7860	Eyed	...	...	...	...	...	...	...	...	...	1/8	2/-	2/6	2/9	3/2	3/5	4/3	4/7	5/6 each.
											2/8	3/-	3/7	3/10	4/5	5/-	5/10	6/5	7/4

[illegible]

No. PHS 7863	Short	...	...	...	...	...	...	...	$\frac{1}{8}$	$\frac{2}{-}$	$\frac{2}{6}$	$\frac{2}{9}$	$\frac{3}{2}$	$\frac{3}{5}$	$\frac{4}{3}$	$\frac{4}{7}$	$\frac{5}{6}$ each.
No. PHS 7864	Long	...	...	...	...	...	...	...	$\frac{2}{3}$	$\frac{2}{7}$	$\frac{3}{4}$	$\frac{3}{8}$	$\frac{4}{2}$	$\frac{4}{7}$	$\frac{5}{8}$	$\frac{6}{3}$	$\frac{7}{4}$ "



No. PHS 7865	Tanged	...	...	...	...	1/8	1/10	2/2	2/4	2/8	3/-	3/4	3/7	4/4	4/10	5/3	17/8	2"
No. PHS 7866	Eyed	...	...	...	...	2/4	2/6	2/10	3/2	3/7	4/-	4/5	4/10	5/7	6/2	6/9	8/-	8/8



		Section Screw Nuts.																			
No. PHS 7867	Tanged	...	...	...	1 ¹ / ₁₀	2 ¹ / ₂	2 ³ / ₅	2 ⁷ / ₈	3 ¹ / ₂	3 ¹ / ₅	4 ¹ / ₄	4 ³ / ₈	4 ¹ / ₂	5 ¹ / ₈	5 ¹ / ₄	6 ¹ / ₁₀	7 ¹ / ₃	8 ¹ / ₆	10 ¹ / ₄	15 ¹ / ₇	each.
No. PHS 7868	Eyed	...	...	...	2 ¹ / ₂	2 ¹ / ₆	3 ¹ / ₅	3 ¹ / ₃	3 ¹ / ₁₀	4 ¹ / ₂	4 ¹ / ₉	5 ¹ / ₂	5 ¹ / ₈	6 ¹ / ₂	6 ¹ / ₁₀	7 ¹ / ₃	8 ¹ / ₆	10 ¹ / ₄	15 ¹ / ₇	each.	

[illegible]

No.	PHS 7890	Tanged	...	...	...	...	2/5	2/9	3/3	3/7	4/2	4/7	5/2	5/8	6/5	7/2	7/10	8/4	9/4 each.
No.	PHS 7891	Eyed	...	...	...	...	3/-	3/4	4/-	4/4	5/-	5/6	6/4	6/10	7/8	8/2	9/2	9/8	11/4



No. PHS 7945 Screw Auger Bit. 10 inch twist.

[illegible]

No. PHS 7892 Scotch Screw Auger Bit.

No. PHS 7892												Scotch Screw Auger Bit.											
No. PHS 7892	...	...	...	...	2/5	2/5	1/10	1/10	1/10	1/10	1/10	2/2	2/3	2/5	2/5	2/9	2/9	3/2	3/2	3/5	3/10	4/4	4/10 each.
No. PHS 7894	...	...	...	...	2/9	2/9	2/1	2/1	2/1	2/1	2/1	2/4	2/6	2/9	2/9	3/1	3/1	3/5	3/5	4/1	5/-	5/8	6/4



No. PHS 7893 Gedge's Screw Auger Bit.

[illegible]

Squares, Bevels & Saw Sets

No. PHS 7724	Ebony Squares, with Shield.
No. PHS 7725	Rosewood Try and Mitre Squares.
No. PHS 7726	Ebony " " " "
3" 4" 6" 7" 9" 10" 12" 15" 18"	
No. PHS 7724	3/4 3/10 4/3 5/- 6/1 6/10 8/2 11/- 13/3 each.
No. PHS 7725	4/10 5/4 6/2 7/1 8/2 8/11 — —
No. PHS 7726	5/4 5/11 6/10 7/10 8/9 10/- — —

No. PHS 7722	Rosewood Squares.
	Diamond Plated.
3" 4" 6" 7" 9" 10" 12" 15" 18"	
2/9 3/- 3/6 4/3 5/- 5/11 6/8 8/9 10/10 each.	

No. PHS 7723	Rosewood Square, with Shield.
3" 4" 6" 7" 9" 10" 12" 15" 18"	
3/3 3/6 4/- 4/9 5/7 6/6 7/7 10/3 12/4 each.	

No. PHS 7727	Rosewood Mitre Squares, Diamond Plated.
No. PHS 7728	Rosewood Mitre Squares, with Shield.
No. PHS 7729	Ebony Mitre Squares, with Shield.
8" 10" 12" 14" 16"	
No. PHS 7727	5/6 6/4 7/3 8/6 10/3 each
No. PHS 7728	7/7 8/9 10/- 11/7 13/3 "
No. PHS 7729	7/10 9/1 10/7 12/1 13/10 "

No. PHS 7751	Beechwood Plated and Screwed Spokeshave.
No. PHS 7750	Beechwood Plated Spokeshave.
No. PHS 7749	Spokeshave
1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5"	
No. PHS 7749	2/- 2/- 2/1 2/2 2/4 2/6 2/8 2/11 3/3 4/3 5/2 each.
No. PHS 7750	2/7 2/8 2/9 2/11 3/1 3/4 3/8 4/3 5/6 6/1 "
No. PHS 7751	4/10 4/10 4/10 5/- 5/2 5/6 5/9 6/1 6/4 7/3 8/2 9/4 "

No. PHS 7730	Rosewood Sliding Bevels.
No. PHS 7731	Ebony
7 1/2" 9" 10 1/2" 12" 15"	
No. PHS 7730	4/6 5/2 5/7 6/4 8/4 each.
No. PHS 7731	4/10 5/6 5/11 6/8 8/7
4 1/2" 6" 7 1/2" 9" 10 1/2" 12"	
No. PHS 7732	Canada Pattern Square
No. PHS 7733	Canada Pattern Sliding Bevel
1/8 2/2 2/7 3/1 3/6 4/- each.	
2/11 3/4 3/10 each	

No. PHS 7755	Boxwood Spokeshave, round front.
No. PHS 7756	" " " " Brass Plated.
No. PHS 7757	Cast Steel Spokeshave Irons
No. PHS 7758	" " " " screwed Tange.
1" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5"	
No. PHS 7755	2/8 2/9 2/10 each.
No. PHS 7756	3/8 "
2 1/2" 3" 3 1/2" 4" 4 1/2" 5"	
No. PHS 7757	10d. 11d. 1/- 1/2 1/5 1/8 each.
No. PHS 7758	1/2 1/2 1/4 1/6 1/8 1/11 "

No. PHS 7752	Boxwood Spokeshave.
No. PHS 7753	" " " " Plated.
No. PHS 7754	" " " " and screwed.
1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 4 1/2" 5"	
No. PHS 7752	2/10 2/10 2/10 2/11 3/1 3/4 3/8 4/- 4/3 4/10 each.
No. PHS 7753	3/6 3/6 3/6 3/8 3/10 4/1 4/5 4/9 5/- 5/7 "
No. PHS 7754	5/9 5/9 5/9 5/11 6/4 6/8 7/- 7/3 7/7 8/6 "

No. PHS 7739 Hand Saw Set, with Gauge.

No. PHS 7740 Combined Hand and Pit Saw Set.

No. PHS 7741 Black Pit Saw Set.

Pit and Circular Saw Sets can be supplied with Brass Gauges, at 1/8 each extra.

No. PHS 7746 Circular Saw Set.

PRICES of Saw Sets.

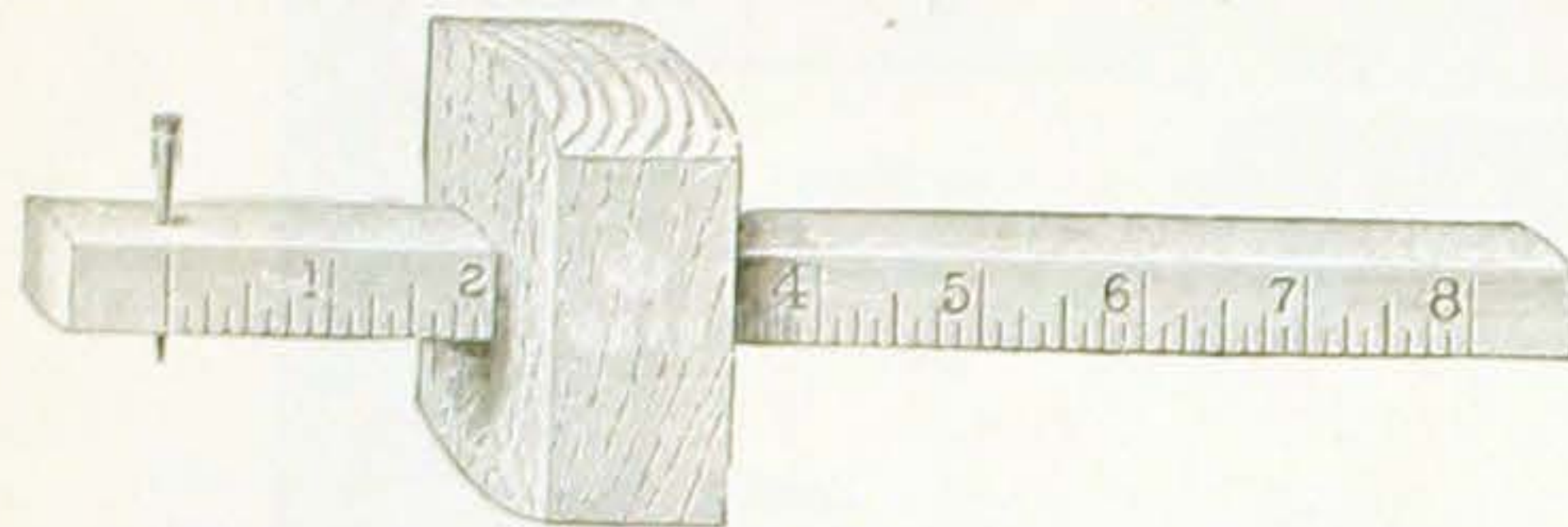
No. PHS 7734	Beech Handled Saw Set	1/8 each.
No. PHS 7735	Ditto, Turncrew End	1/10 "
No. PHS 7736	Boxwood Handled Saw Set	2/- "
No. PHS 7737	Ditto, Turncrew End	2/1 "
No. PHS 7738	Beech Handled Saw Set, with Brass Gauge	3/4 "
No. PHS 7739	Boxwood Ditto	3/8 "
No. PHS 7740	Solid Steel Combined Hand and Pit Saw Set	2/6 "
No. PHS 7741	Black Pit Saw Set	2/10 3/1 3/4 each.
No. PHS 7742	" " " " strong	6 gates. 4/2 "
No. PHS 7743	Ditto, ditto, Double Handed	6/1 "
No. PHS 7744	Strong Iron Handled Circular Saw Set, 8 gates	6/8 "
No. PHS 7745	Ditto, ditto, Two Handed	8/10 "
No. PHS 7746	Strong Rosewood Ditto	7/9 "

Marking, Cutting and Mortice Gauges



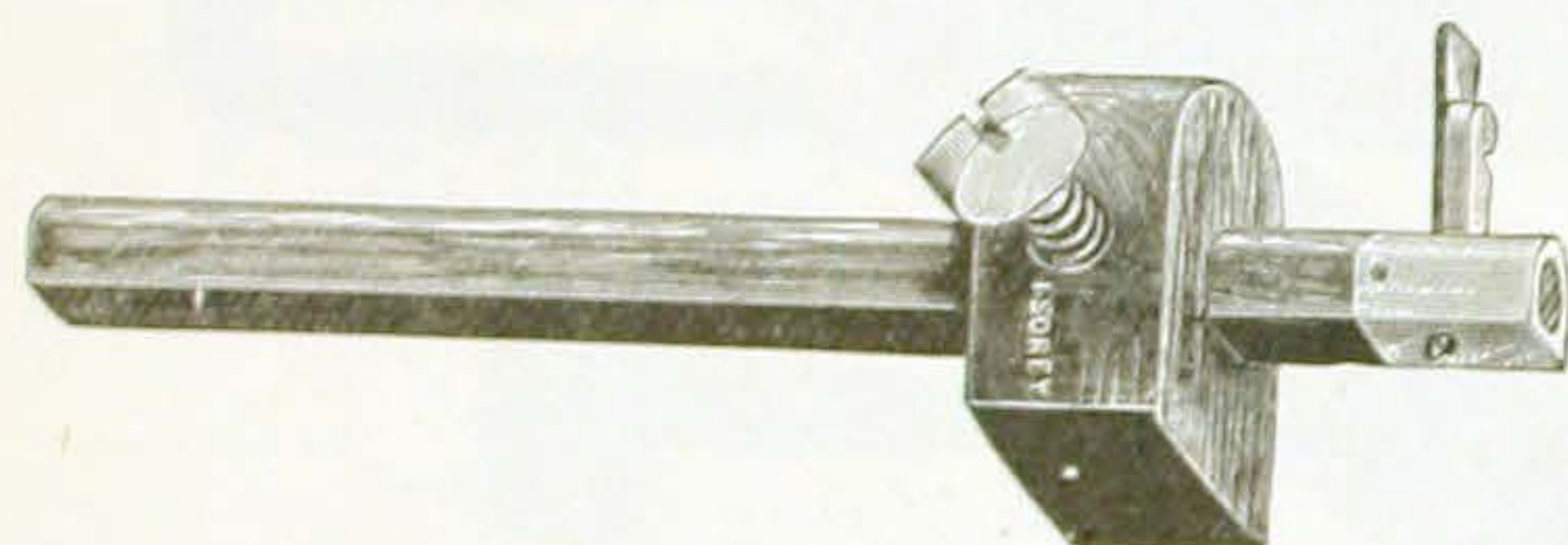
No. PHS 7774

- No. PHS 7774 Beechwood Marking Gauge, with Boxwood Thumbscrew 1/4 each.
 No. PHS 7775 Ditto, Brass-Plated Head 1/9 "



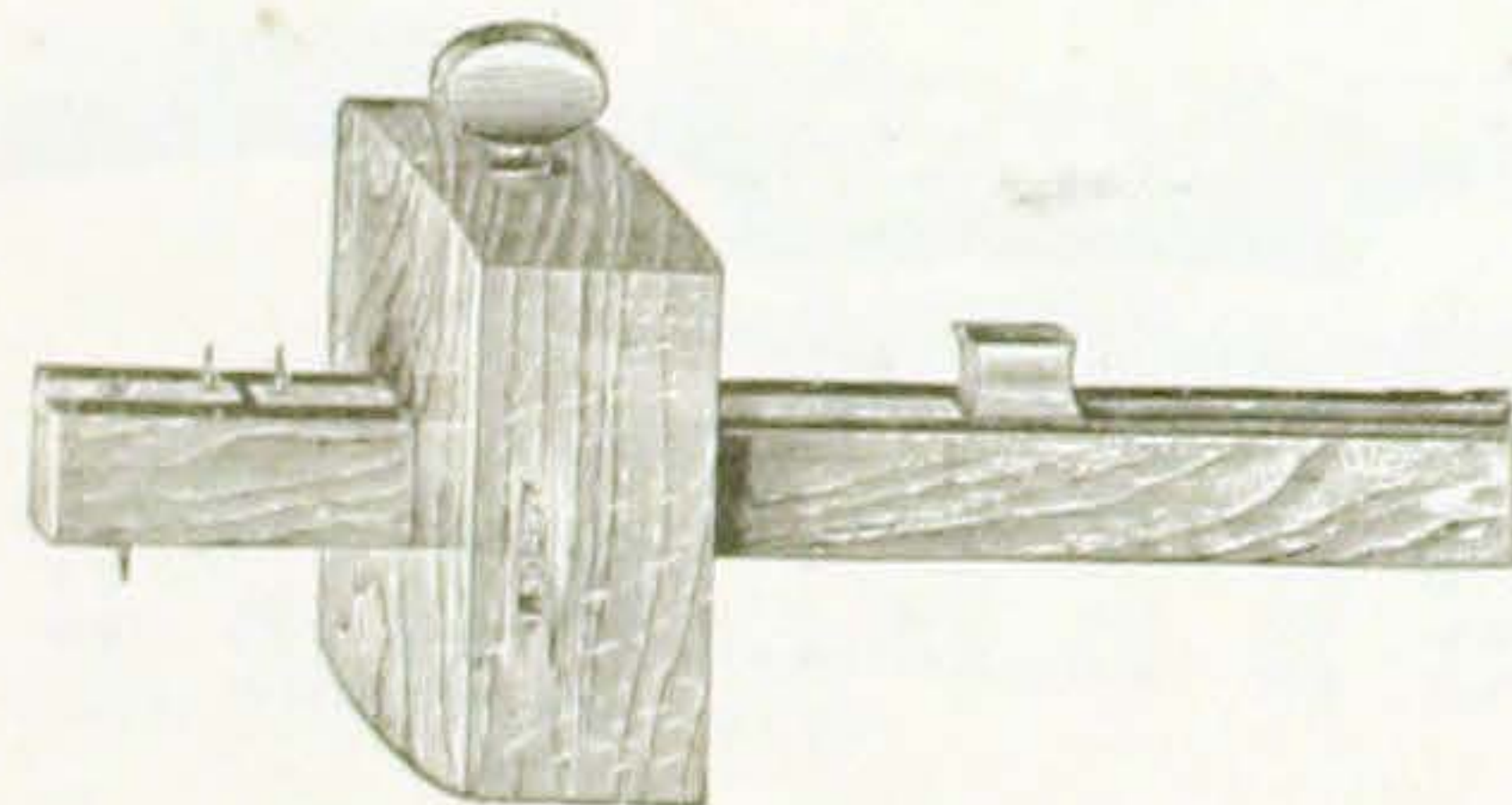
No. PHS 7783

Beechwood Marking Gauge with Iron Thumbscrews and Rule marked Stems. Unpolished, 1/2 each.



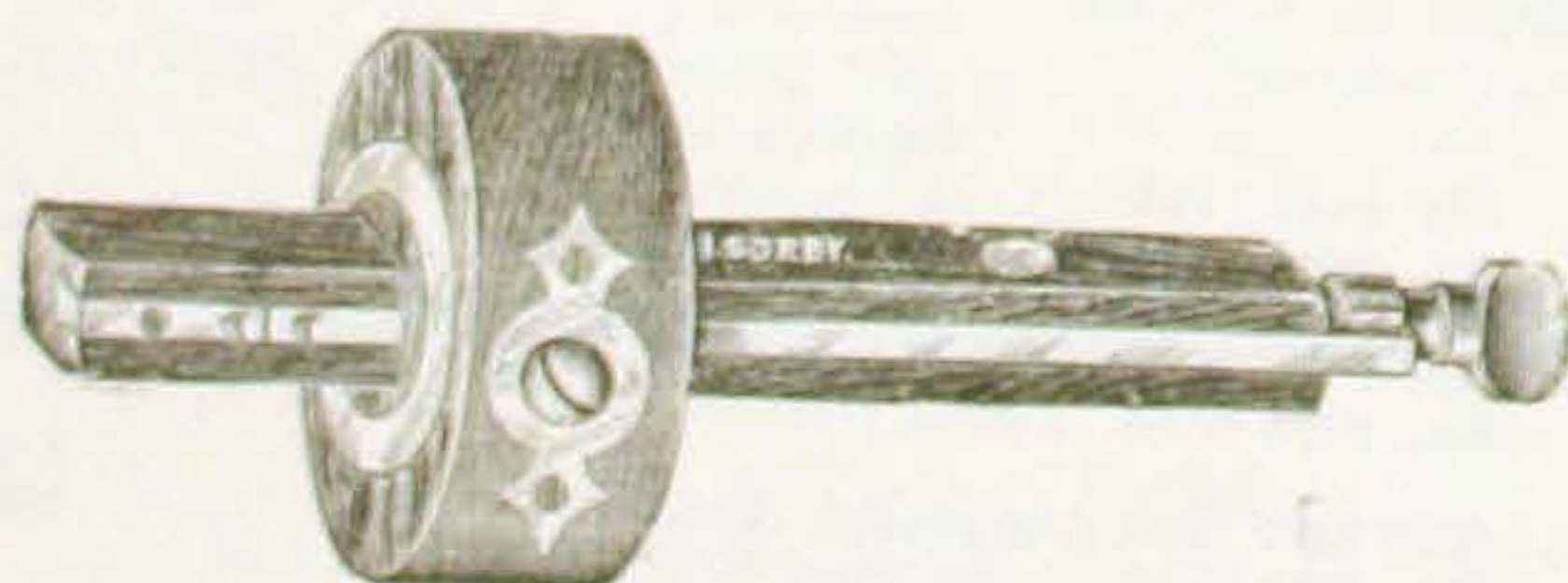
No. PHS 7791

- No. PHS 7789 Boxwood Cutting Gauge, Boxwood Thumbscrew ... 3/8 each.
 No. PHS 7790 Rosewood, ditto ... 3/8 "
 No. PHS 7791 Ditto, ditto, Hooped ... 4/10 "
 No. PHS 7792 Ditto, ditto, Hooped, Brass Plated Head ... 5/8 "



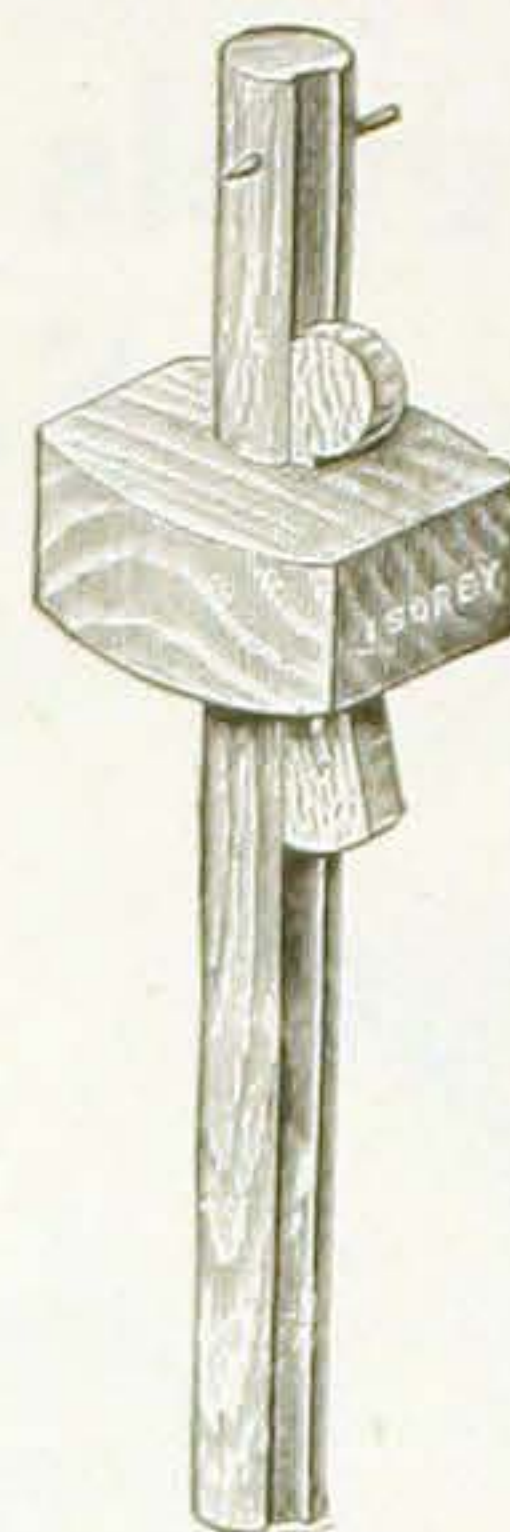
No. PHS 7807

- No. PHS 7807 Canada Pattern Combined Marking and Mortice Gauge, Brass Slide ... 2/10 each.
 No. PHS 7808 Ditto, Thumbscrew Slide... 5/3 "



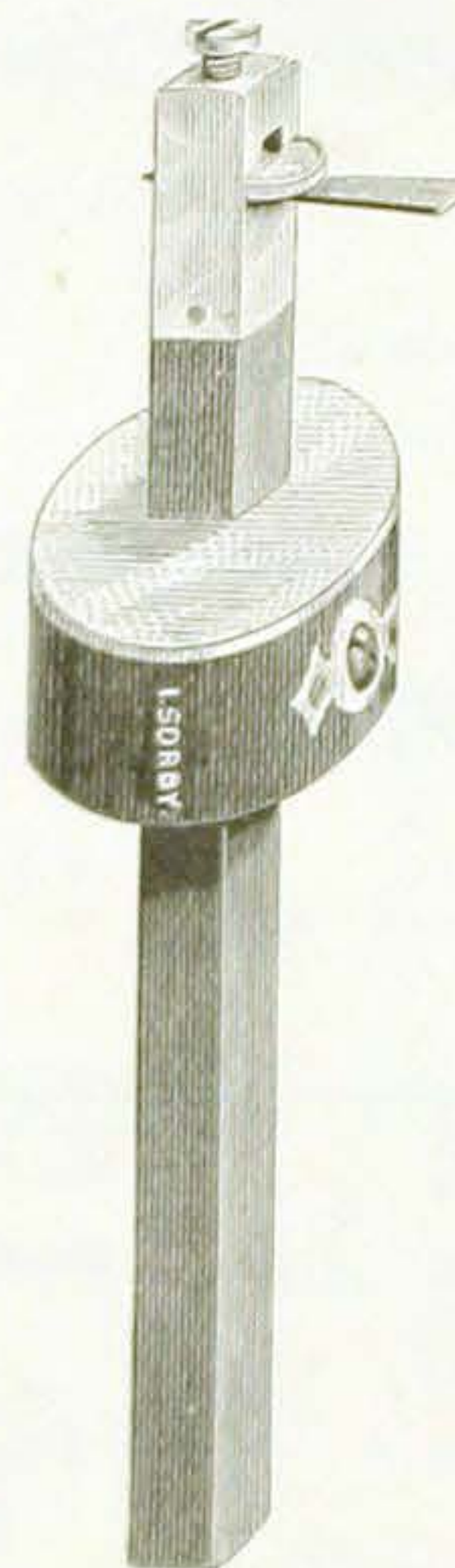
No. PHS 7802

- No. PHS 7802 Rosewood Mortice Gauge, and Thumbscrew Slide, Oval Head Ring, Plated ... 8/- each.
 No. PHS 7803 Ditto, Brass Faced ... 9/3 "



No. PHS 7782

Pattern-makers' small Beechwood Marking Gauge. Unpolished, 10d. each.



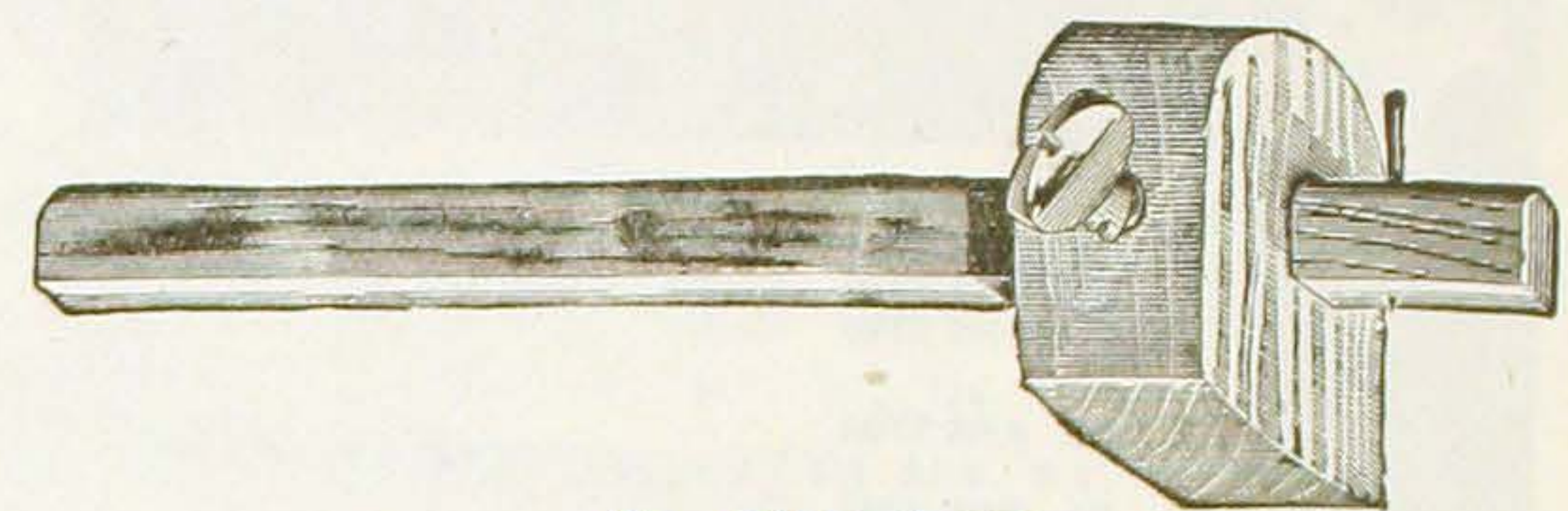
No. PHS 7794

Ebony Improved Cutting Gauge Brass-faced Head, 9/3 each.



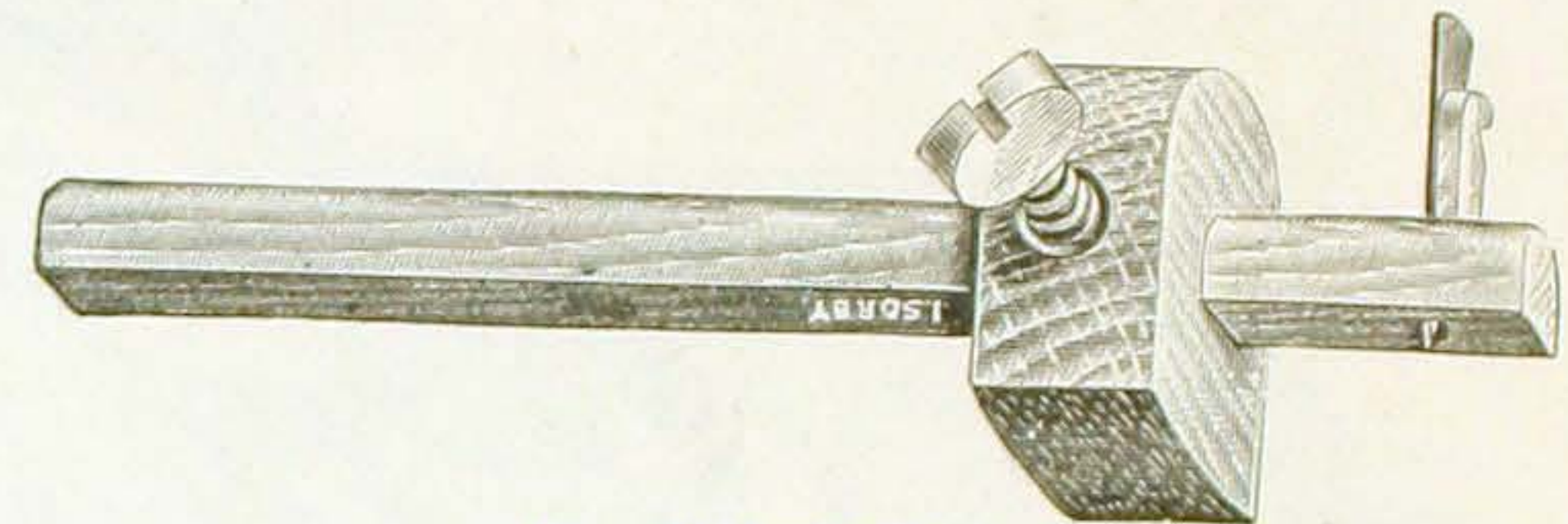
No. PHS 7804

Ebony Mortice Gauge. Brass Stems, Oval Heads. Brass Faced, 11/9 each.



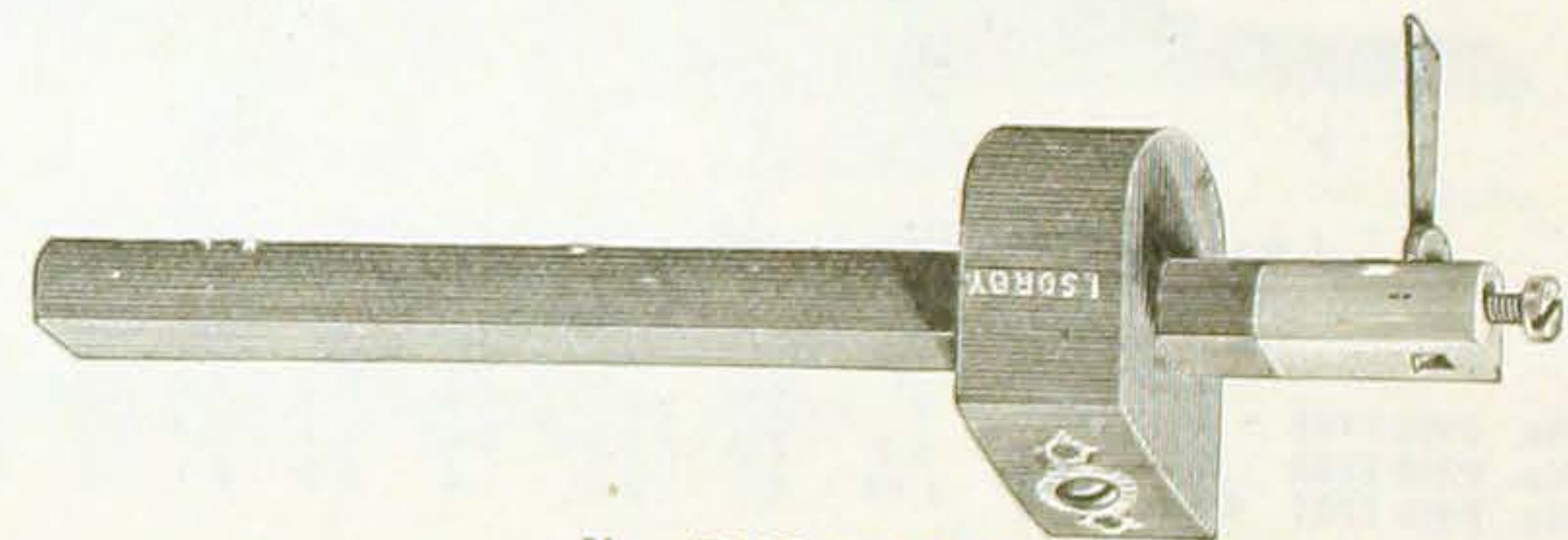
No. PHS 7776

- No. PHS 7776 Best Beechwood Marking Gauge, with Boxwood Thumbscrew ... 1/6 each.
 No. PHS 7777 Ditto, Brass Plated Head 2/- "
 No. PHS 7778 Ditto, Brass Faced Head 2/10 "



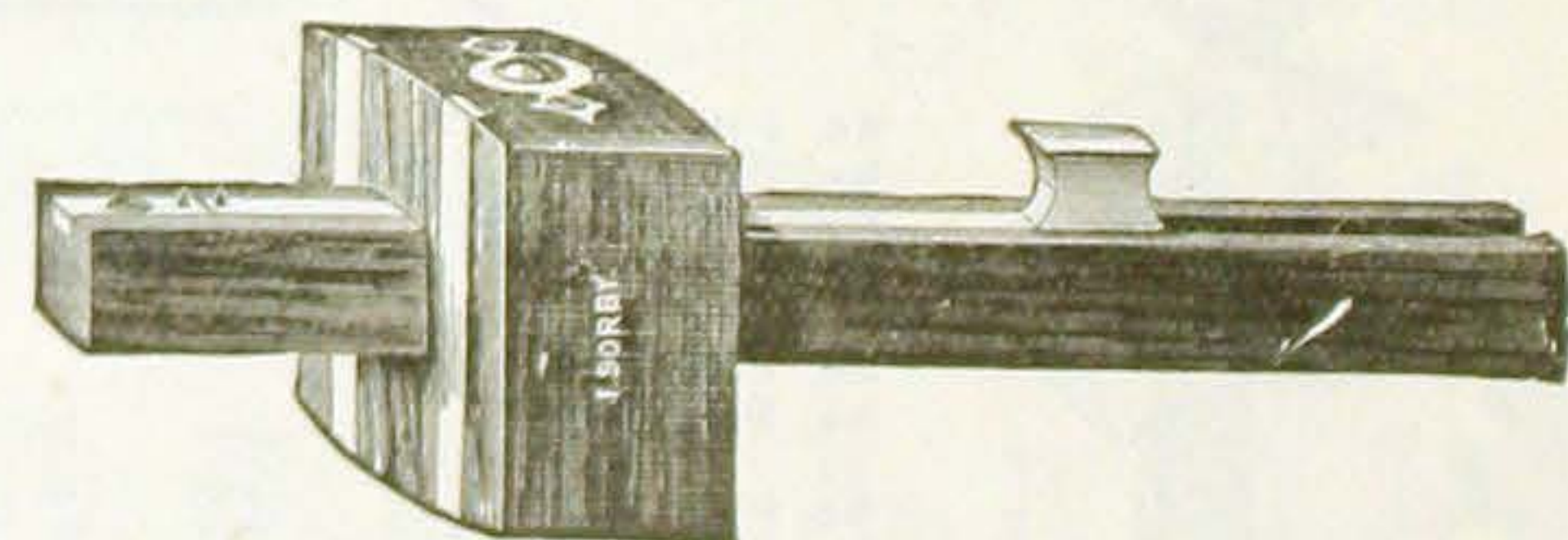
No. PHS 7786

- No. PHS 7786 Best Beechwood Cutting Gauge, with Boxwood Thumbscrew ... 2/- each.
 No. PHS 7787 Ditto, Brass Plated Head 2/6 "
 No. PHS 7788 Ditto, Brass Faced Head 3/3 "
 No. PHS 7784 Beechwood Cutting Gauge, with Boxwood Thumbscrew ... 1/8 "
 No. PHS 7785 Ditto, Brass Plated Head 2/2 "



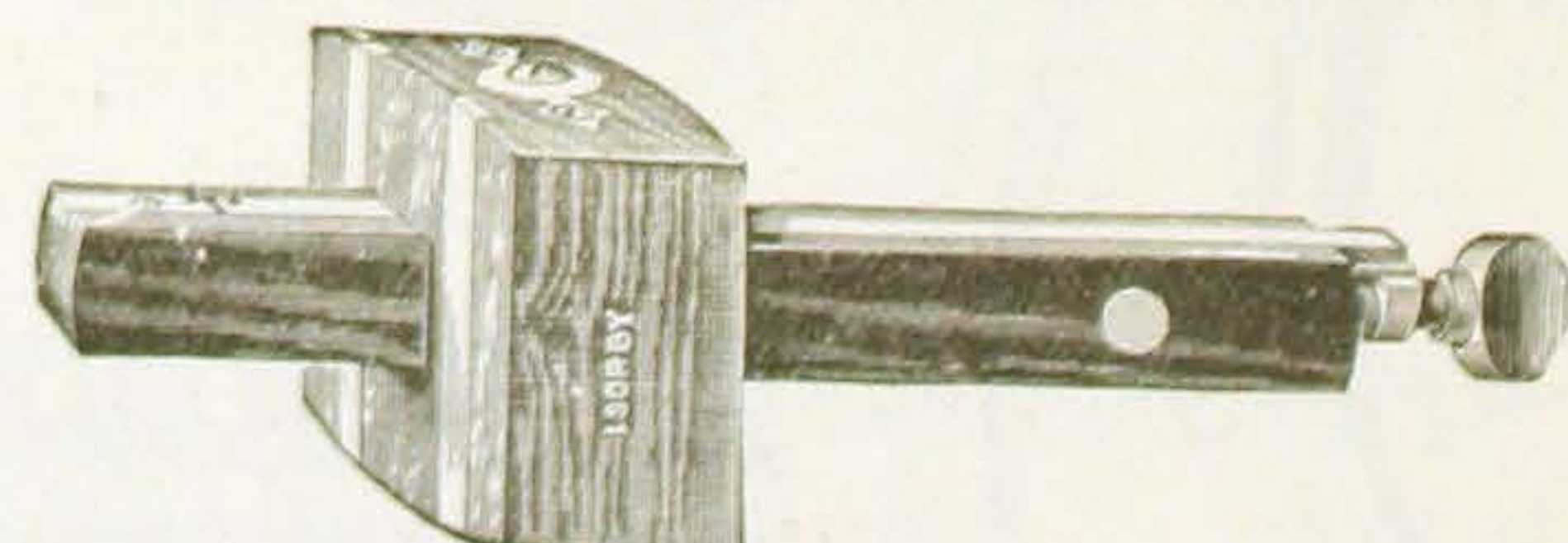
No. PHS 7793

Ebony New Pattern Cutting Gauge, 6/6 each.



No. PHS 7797

- No. PHS 7795 Rosewood Mortice Gauge, Brass Slide ... 4/- each.
 No. PHS 7796 Ditto, with Shield ... 4/9 "
 No. PHS 7797 Ditto, Brass Plated Head 5/6 "
 No. PHS 7798 Ditto, Brass Faced Head... 6/8 "



No. PHS 7799

- No. PHS 7799 Rosewood Mortice Gauge. Thumbscrew Slide, Brass Plated Head ... 7/6 each.
 No. PHS 7800 Ditto, Brass Faced Head... 8/8 "
 No. PHS 7801 Ditto, Brass Plated Head with Thumbscrew ... 8/- "

Marking Awls



Shouldered Marking Awl.
No. PHS 7851 Beech handled ... 7d. each.



Striking Knife.
No. PHS 7853 Rosewood handled ... 1/1 each.



Chisel End Marking Awls.
No. PHS 7850 3/- per dozen, 4d. each.



Striking Knife.
No. PHS 7852 ... 7/6 per dozen, 8d. each.

Brad Punches



No. PHS 7678 Flooring Punch.
5/3 dozen, 6d. each.
Round or Square Points.



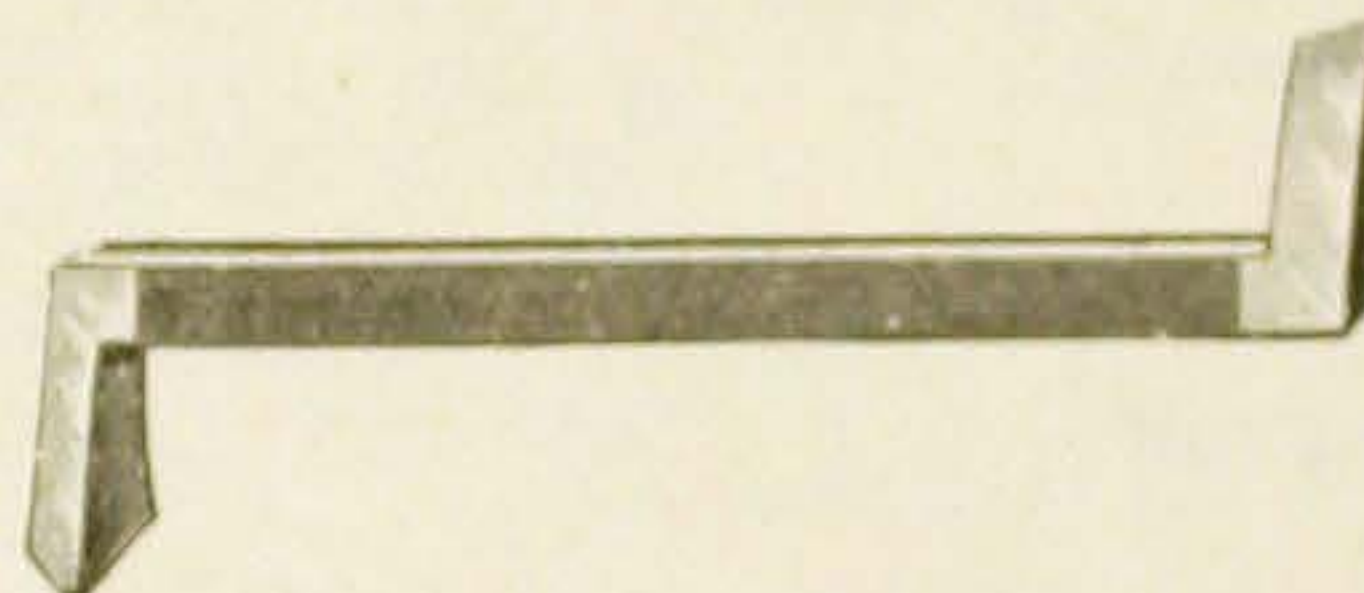
No. PHS 7677
Milled Brad Punch.
Cup Pointed. 7/- dozen, 8d. each.



No. PHS 7676 Brad Punch.
Cup Pointed. 5/- dozen, 6d. each.



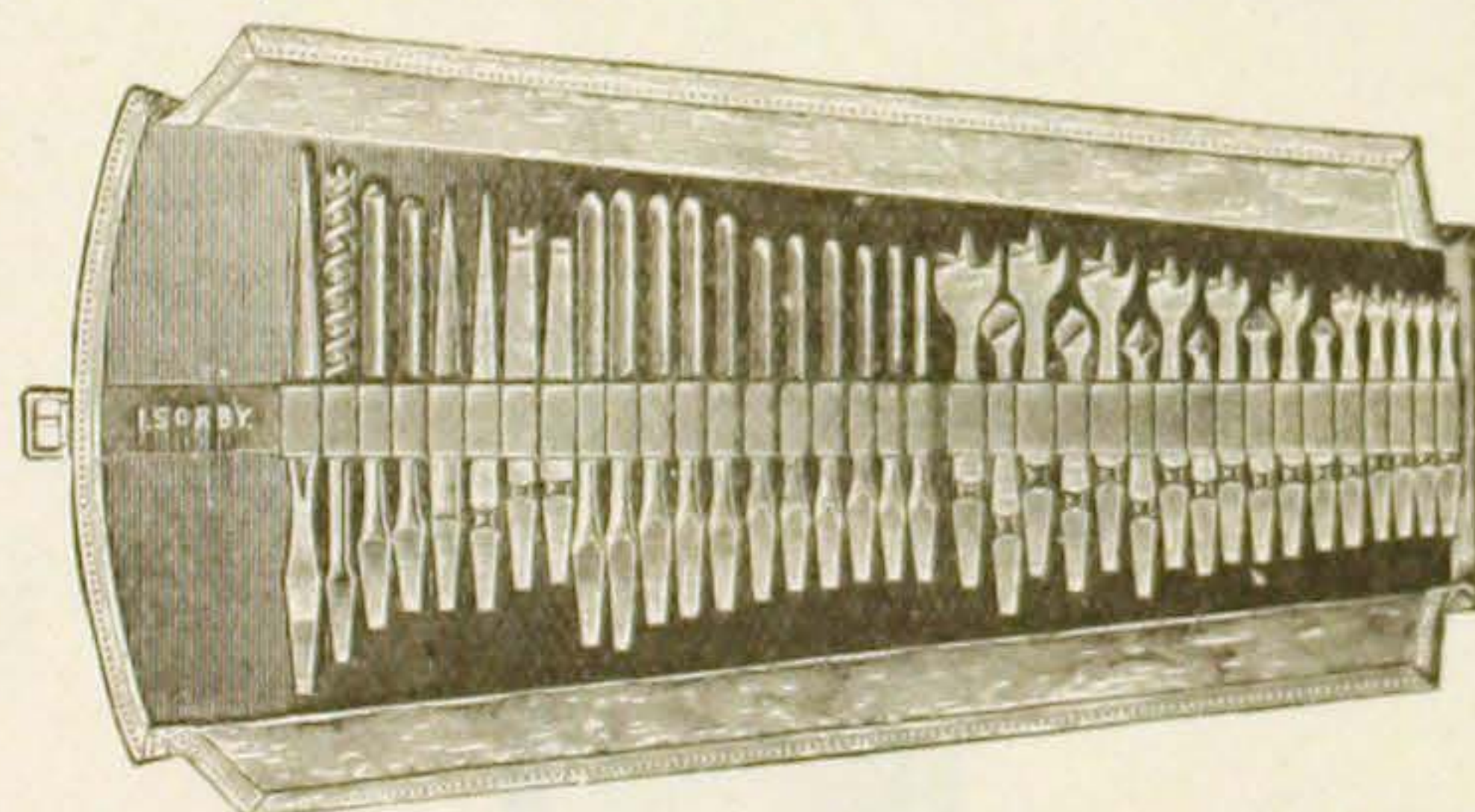
No. PHS 7674 Brad Punch.
No. PHS 7674 Round Point.
3/- dozen, 4d. each.
No. PHS 7675 Square Point.
3/- dozen, 4d. each.



No. PHS 7950
Double End Drawer Lock Chisel.
1/2 each.



No. PHS 7951
Bright Double Ended Router.
2/9 each.



Set of 36 Bits, No. PHS 7927 fitted in a PHS 7947 Canvas Roll.

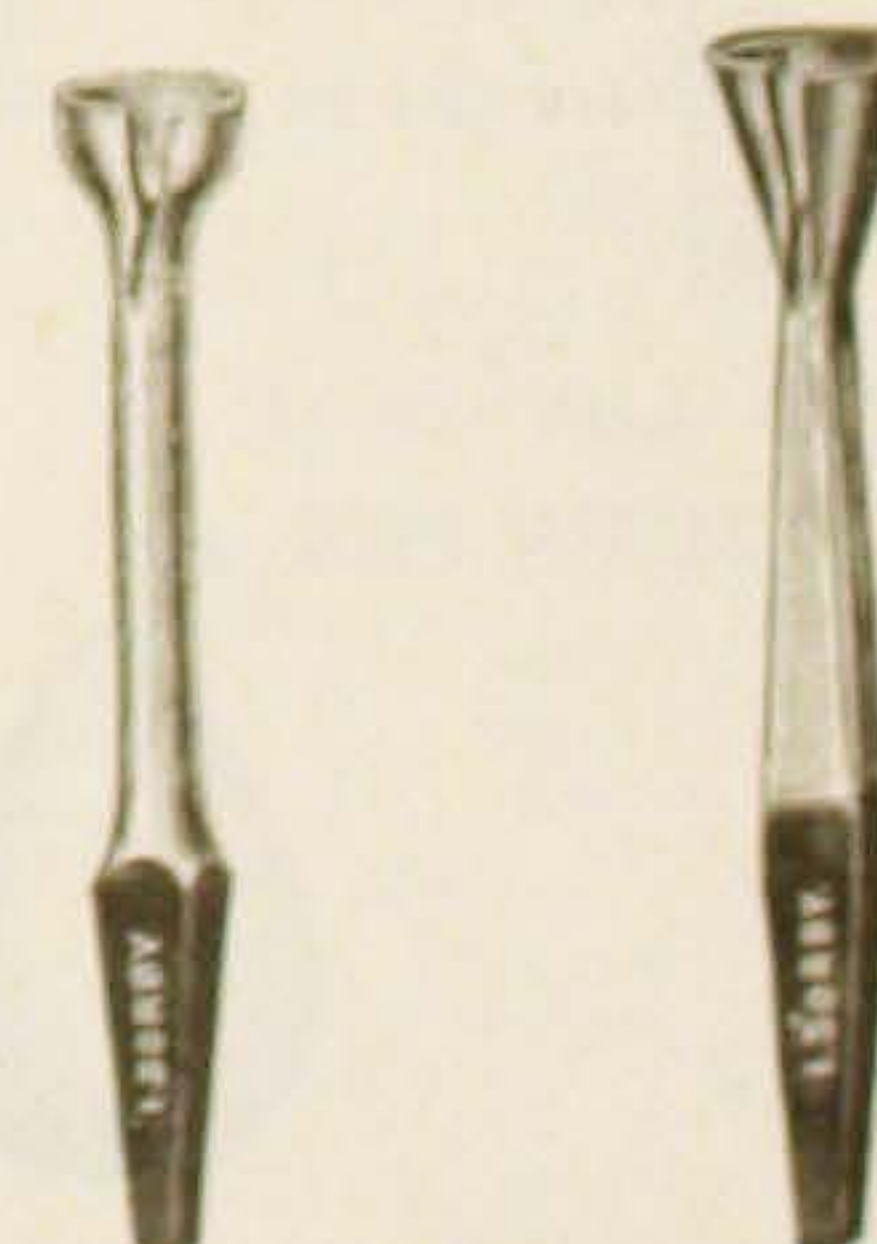
No. PHS 7926									
Set of ...	12	18	24	30	36	42	48	54	60 Bits.
Black ...	7/9	11/6	16/-	21/-	27/6	30/-	36/3	41/3	48/9 set.
No. PHS 7927									
Bright ...	9/3	14/-	19/6	25/3	32/3	37/3	42/6	48/-	56/6 ..
No. PHS 7928									
Straw ...	9/6	14/9	20/3	26/6	34/-	39/3	44/6	50/6	59/6 ..
No. PHS 7947 Tool Roll.									
Canvas ...	4/6 each.	Leather ... 10/6 each.							



No. PHS 7925 Cast Steel Dowel Plates.

For dowels	1"	1 1/4", 1 1/2", 1 3/4"	1 7/8", 2", 2 1/4"
	1/4	2/3	2/9 each.
For dowels	1 1/2", 1 3/4", 2", 2 1/4", 2 3/4"	2 7/8", 3", 3 1/4", 3 1/2", 3 3/4"	4/3 each.
	3/3		

DOWEL TRIMMERS.



No. PHS 7849 No. PHS 7848
No. PHS 7848 1/8" 2/6 each.
No. PHS 7549 1/4", 1/2" or 3/4" 2/6 each.



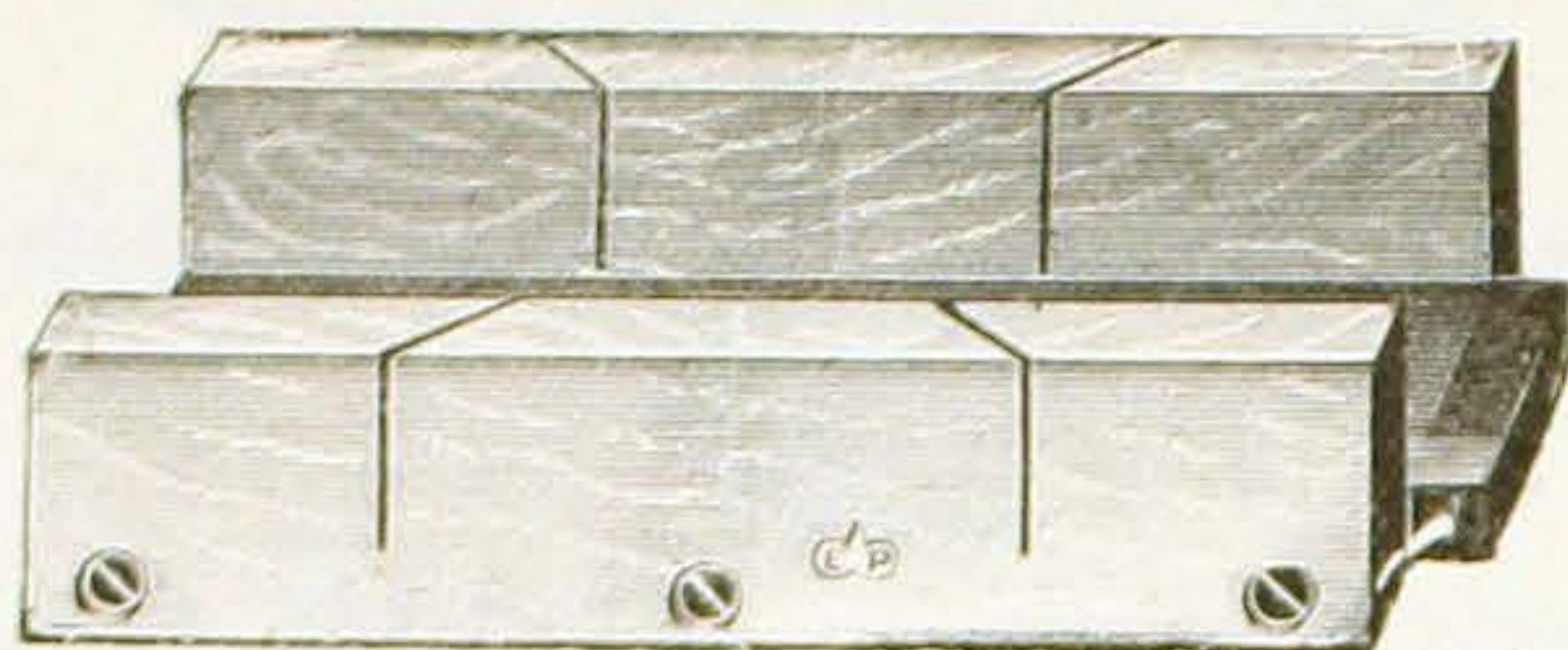
SCRAPER BLADE.
No. PHS 7854

3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"
5d.	6d.	6d.	7d.	7d.	8d.	9d. each.
No. PHS 7854 Assorted 3"-6" ... 6/6 doz.						
No. PHS 7855 Handled Blades ... 1/7 each.						
No. PHS 7856 Scraper Steels ... 1/- ..						

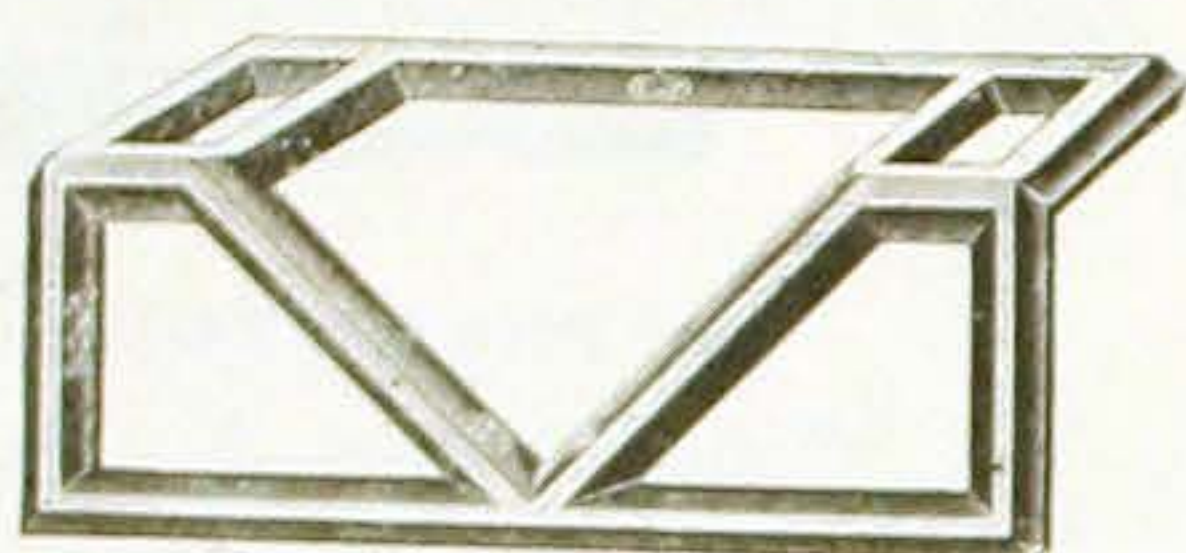


No. PHS 7993
Expansive Drill.
Cutting to 3 inches, 8/3 each.

Mitre Boxes, Templets, Plumb Bobs, etc.



Beechwood Mitre Box.
For mouldings up to 3" wide.
No. PHS 8352 ... 2/3 each.



Improved Square and Mitre Templet.
Nickel Plated, 6".
No. PHS 8354 2/10 each.



Brass
Plumb Bobs.
No. PHS 8358

Approx. weight	1½	2½	3	4½	6	8	10	13 oz.
Nos.	00	0	01	2	3	4	5	6
	1/2	1/6	1/8	2/1	2/6	3/-	3/7	4/6 each.

Approx. weight ...	1	1½	1½	2	2½	3 lbs.
Nos. ...	6½	7	8	9	10	11
	5/6	6/9	8/8	11/1	13/9	16/4 each.

Larger sizes can be supplied to order.



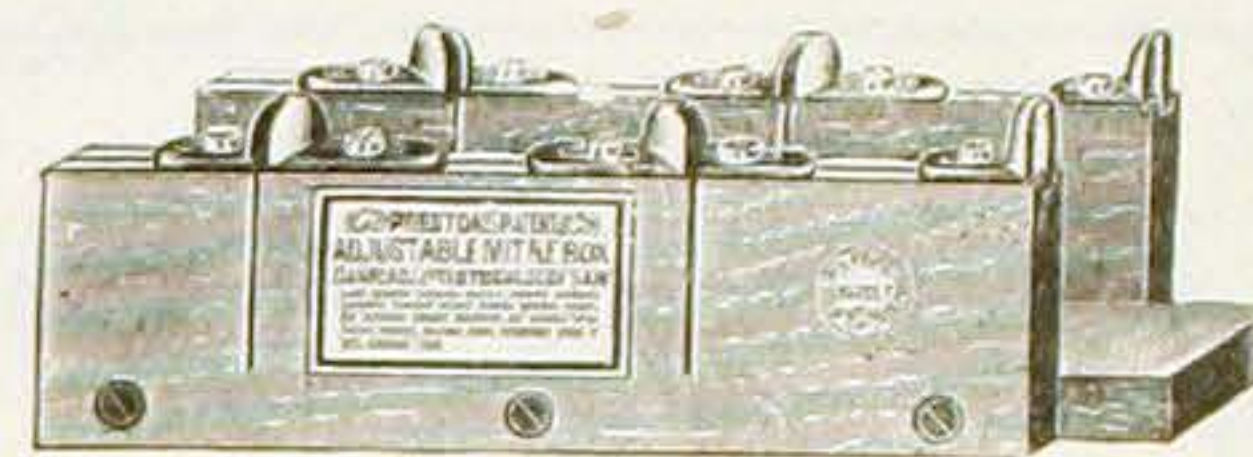
Beechwood Joiners' Mallets.

No. PHS 8360

4"	4½"	5"	5½"	6"	6½"	7"
1/11	2/1	2/4	2/7	2/11	3/4	3/10 each.



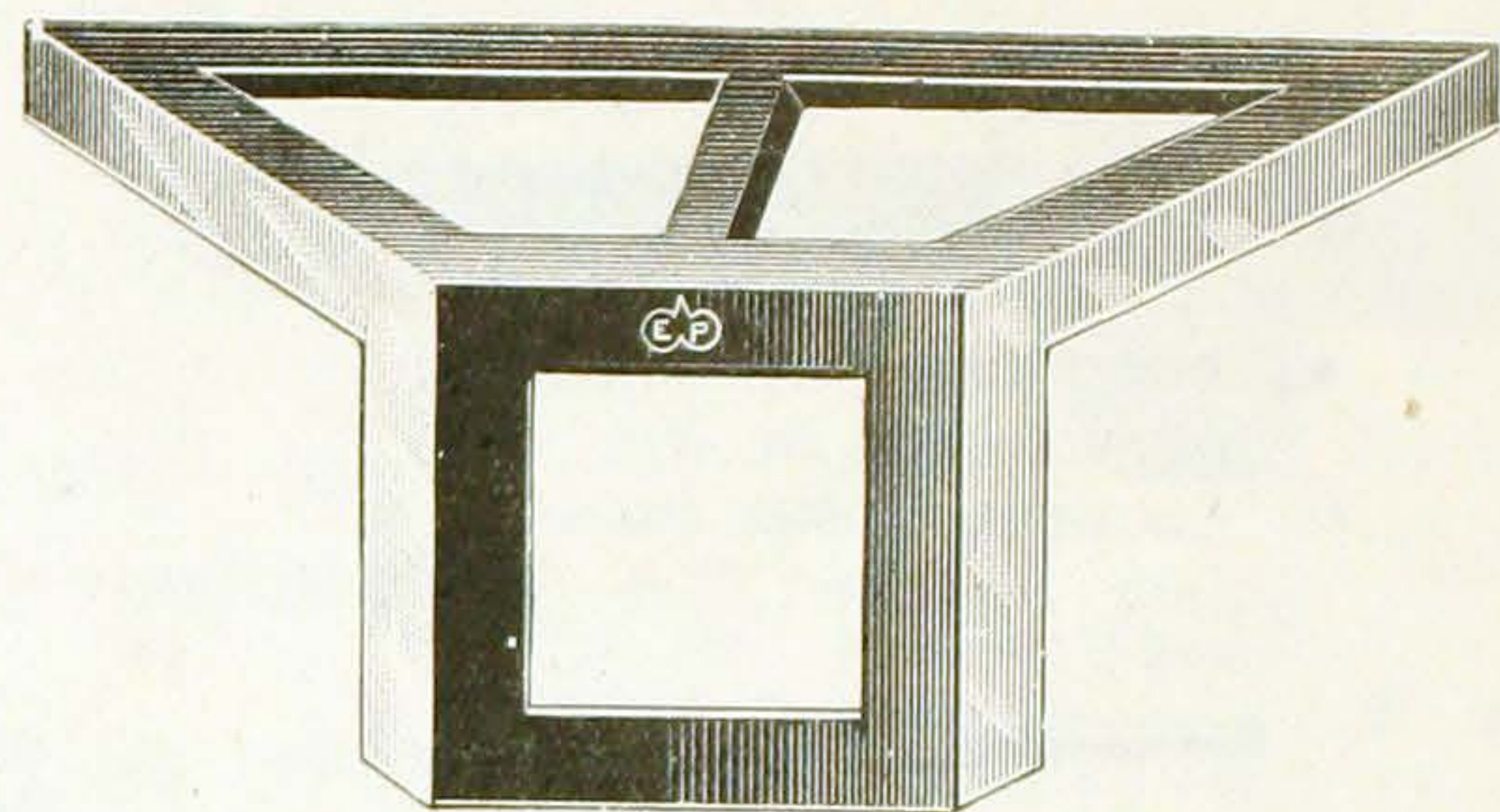
Iron Plumb Bobs.
Egg shaped. Japanned.
No. PHS 8359 ... 1/6 per lb.



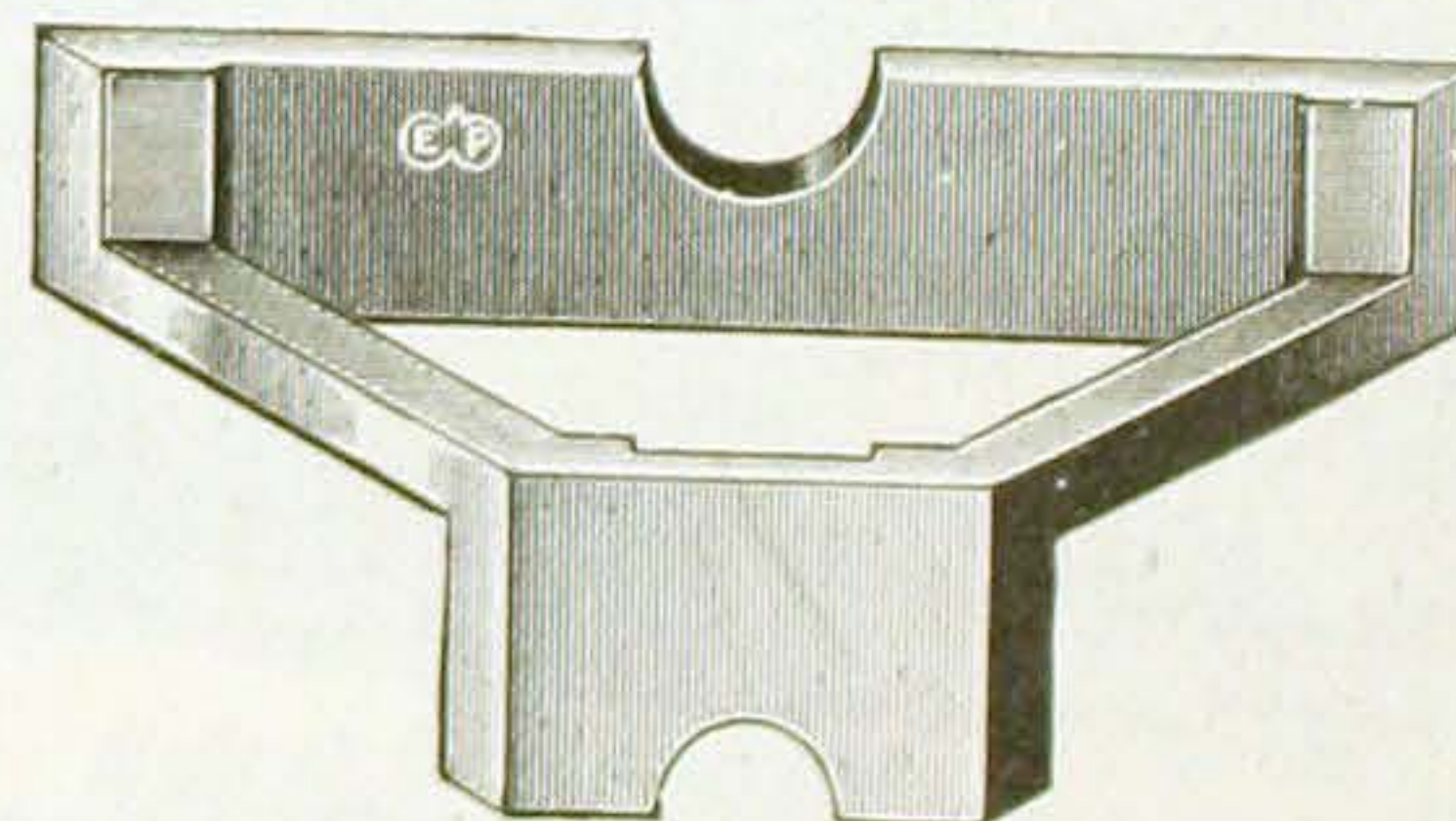
Patent Adjustable Beechwood Mitre Box.

For mouldings up to:

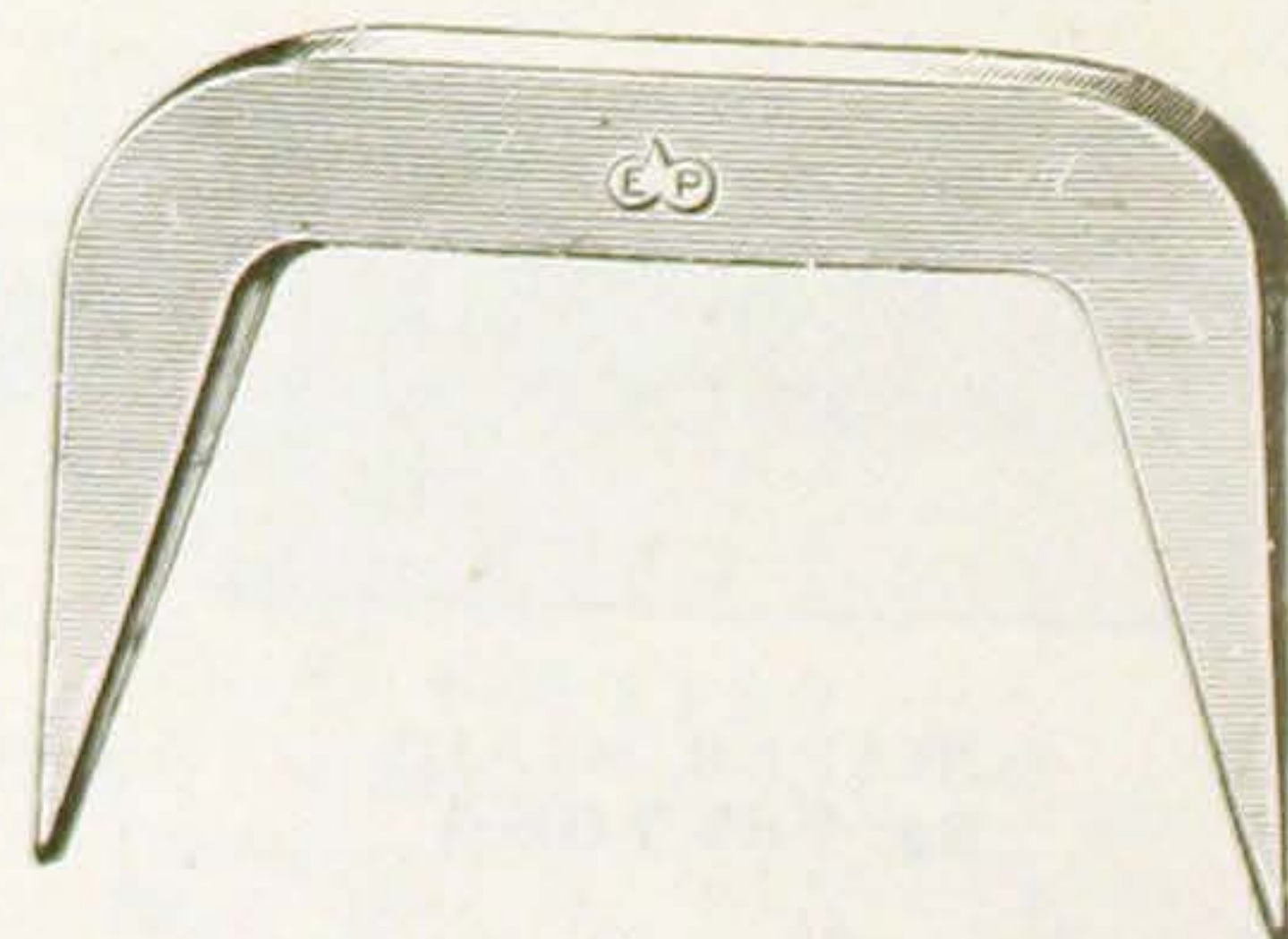
	3"	4"
No. PHS 8353 ...	4/2	4/11 each.



Iron Mitre Templet.
Nickel Plated, 6½".
No. PHS 8355 2/4 each.



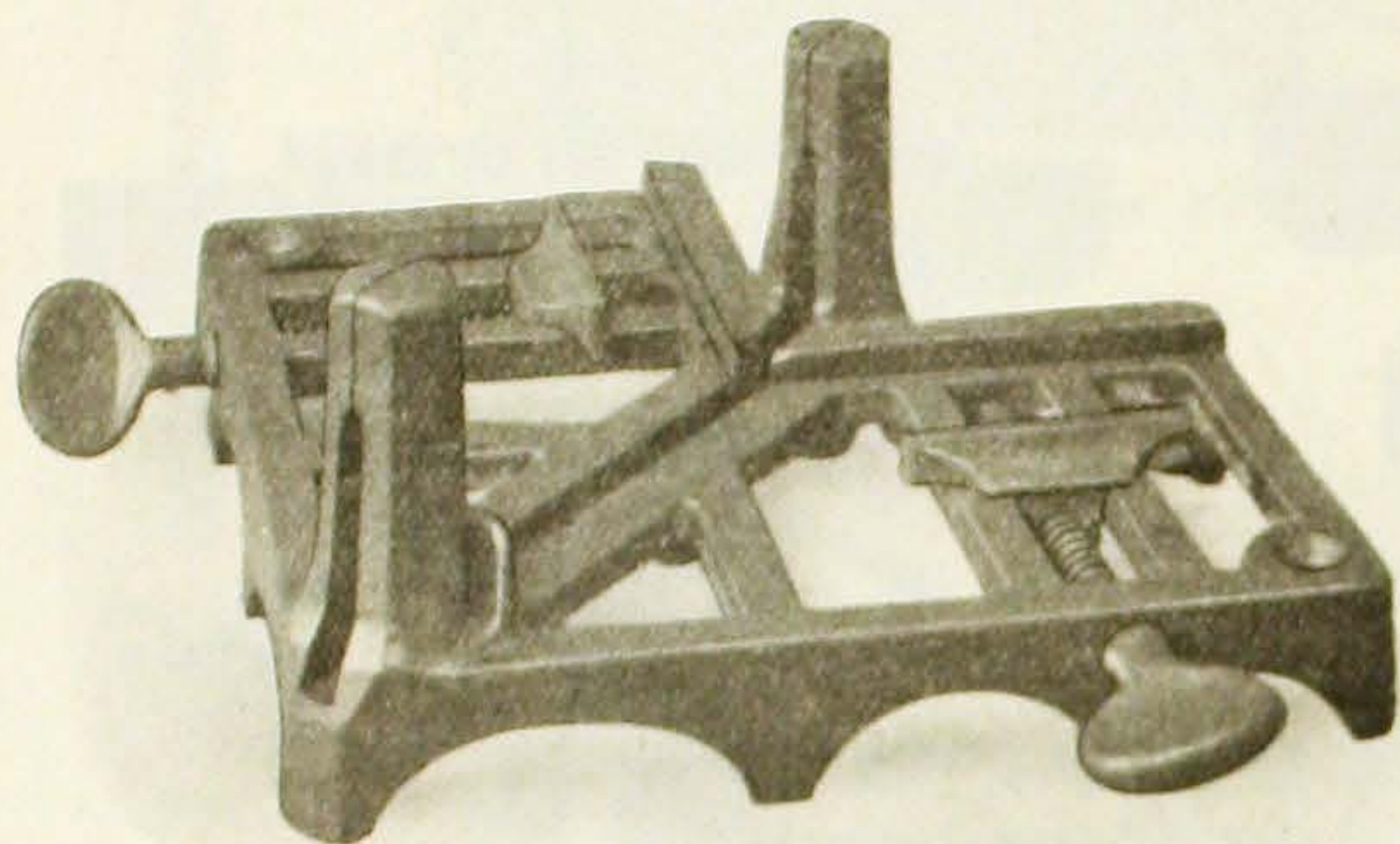
Brass Mitre Templet.
3½ 4½ 5½ in.
No. PHS 8356 ... 2/1 3/2 4/6 each.



Forged Steel Dogs.

	2"	2½"	3"	3½"
No. PHS 8361	3d.	3d.	3d.	4d. each.

Mitre Box and Cramps, Augers and Routers, etc.



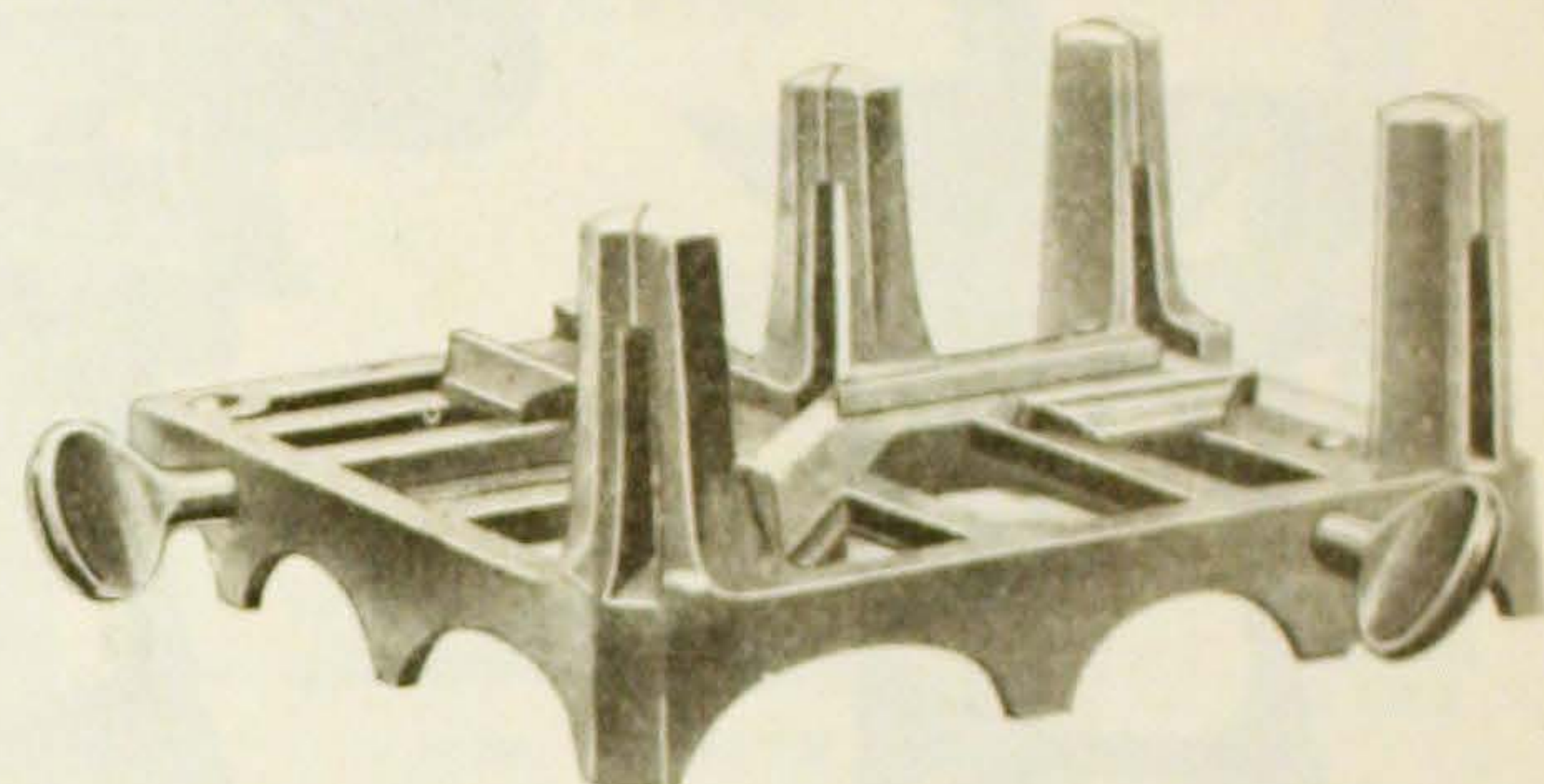
Combined Mitre Box and Cramp.

No. PHS 8362

Takes moulding up to $3\frac{1}{2}$ " wide.

Fitted Wooden Bed which prevents injury to Saw Teeth.

No. PHS 8362 ... 15/- each.



Combined Mitre Box and Cramp.

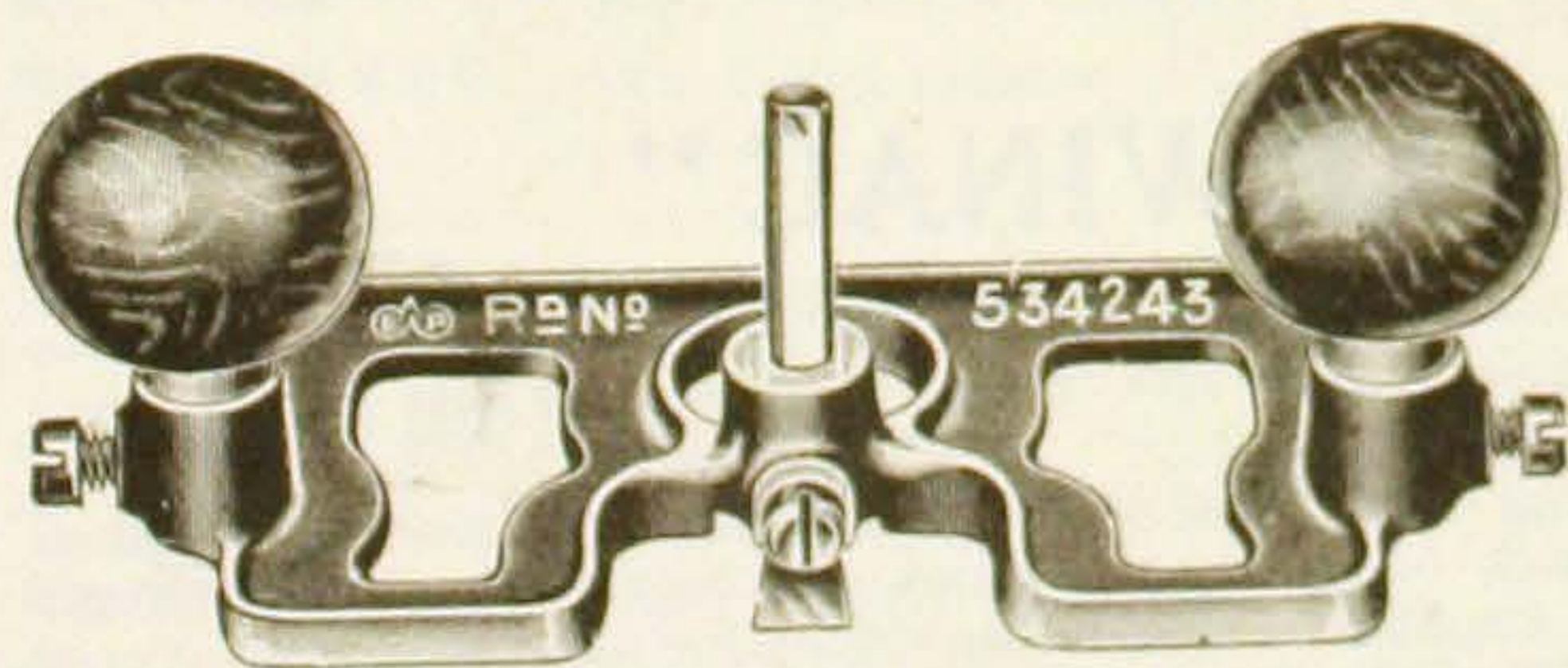
Roughly 10" square overall, excluding screw thumb-bits.
Weight approx. 10½ lbs.

No. PHS 8363 is similar to **No. PHS 8362**

But heavier and in addition to Cutting Mitres is provided
with means for cutting square.

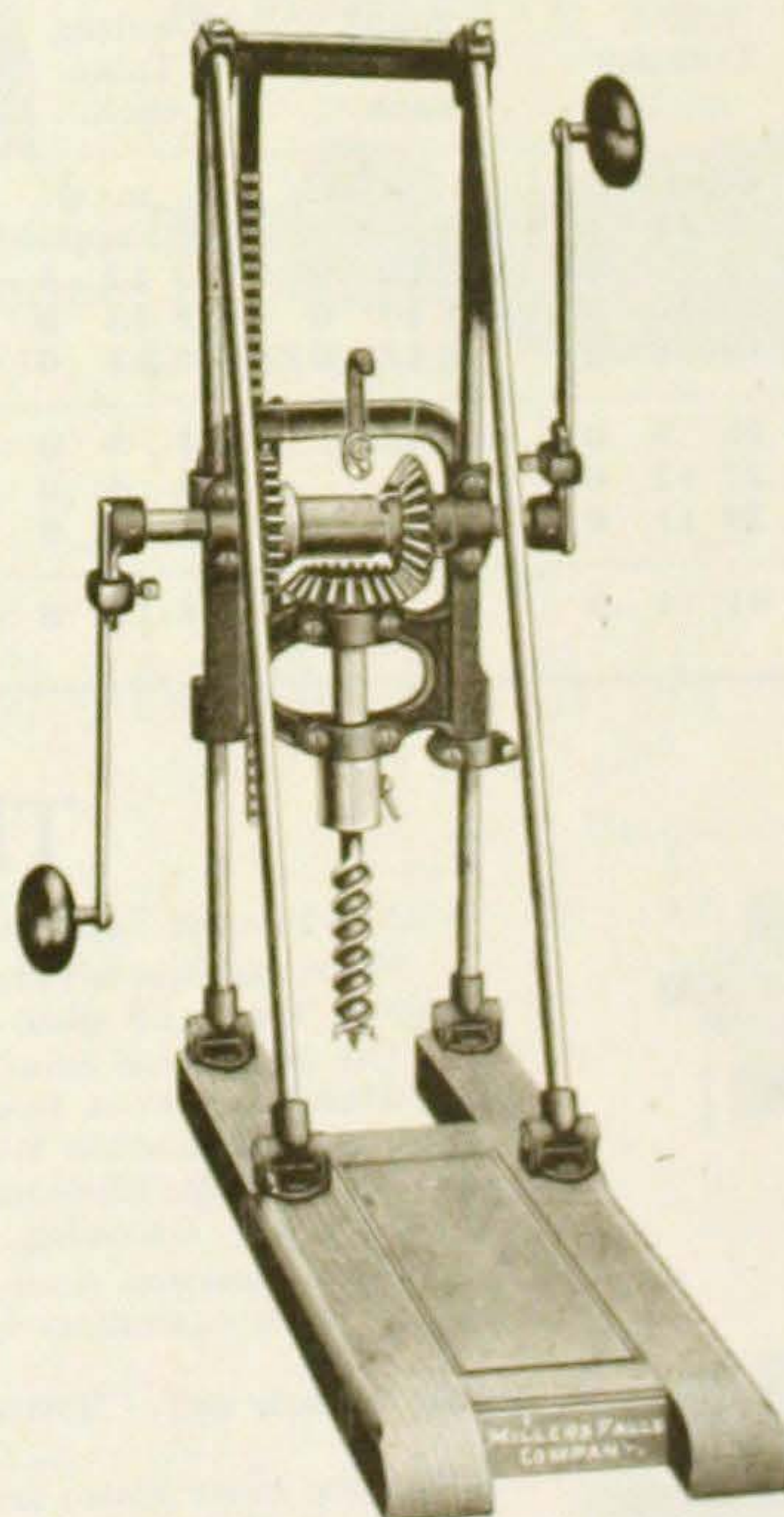
No. PHS 8363 ... 16/6 each.

DRAWING BELOW IS HALF-SIZE



Grooving or Depthing Router.

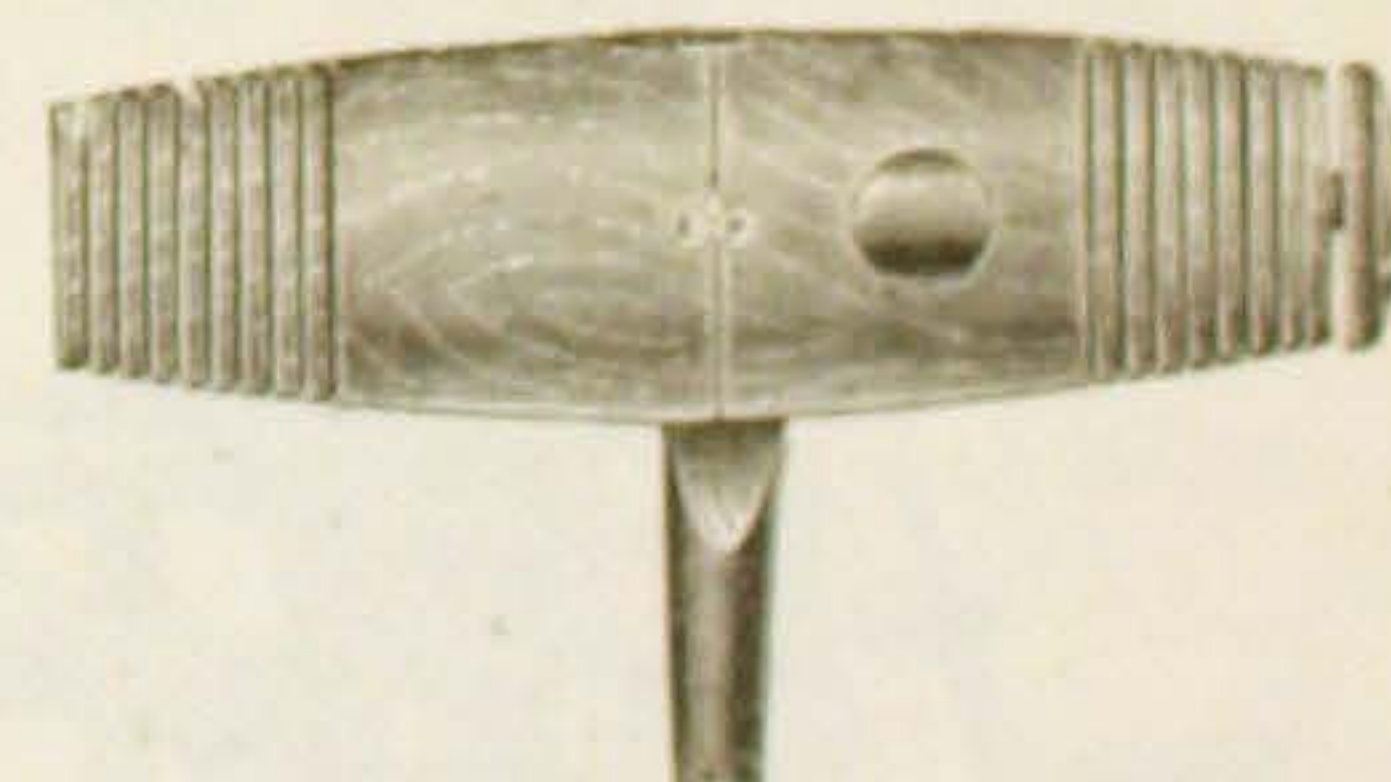
No. PHS 7809 ... 8/- each.



" Millers Falls " Auger.

Weight approx. 7 lbs.

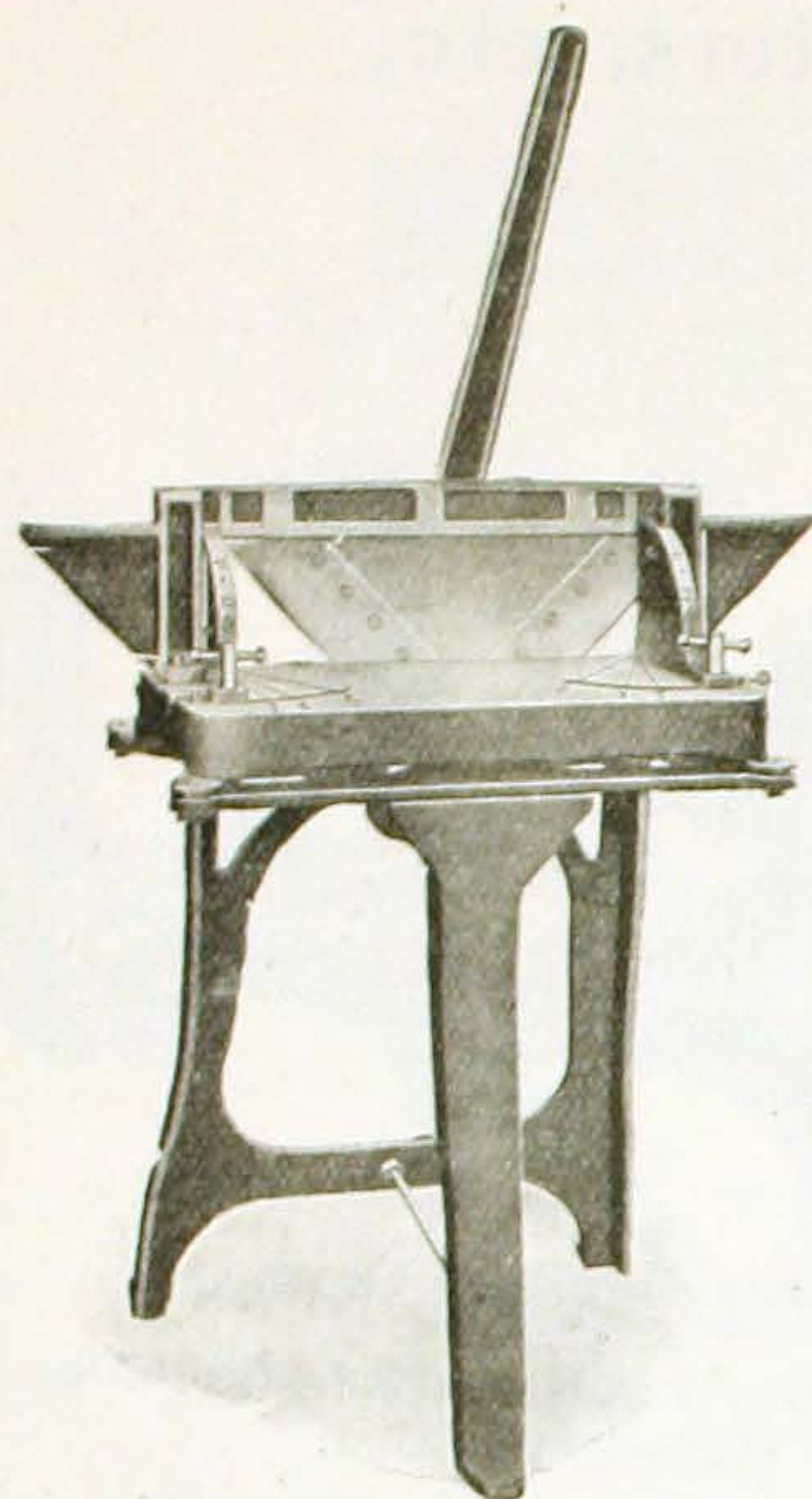
No. PHS 8364 ... 76/9 each.



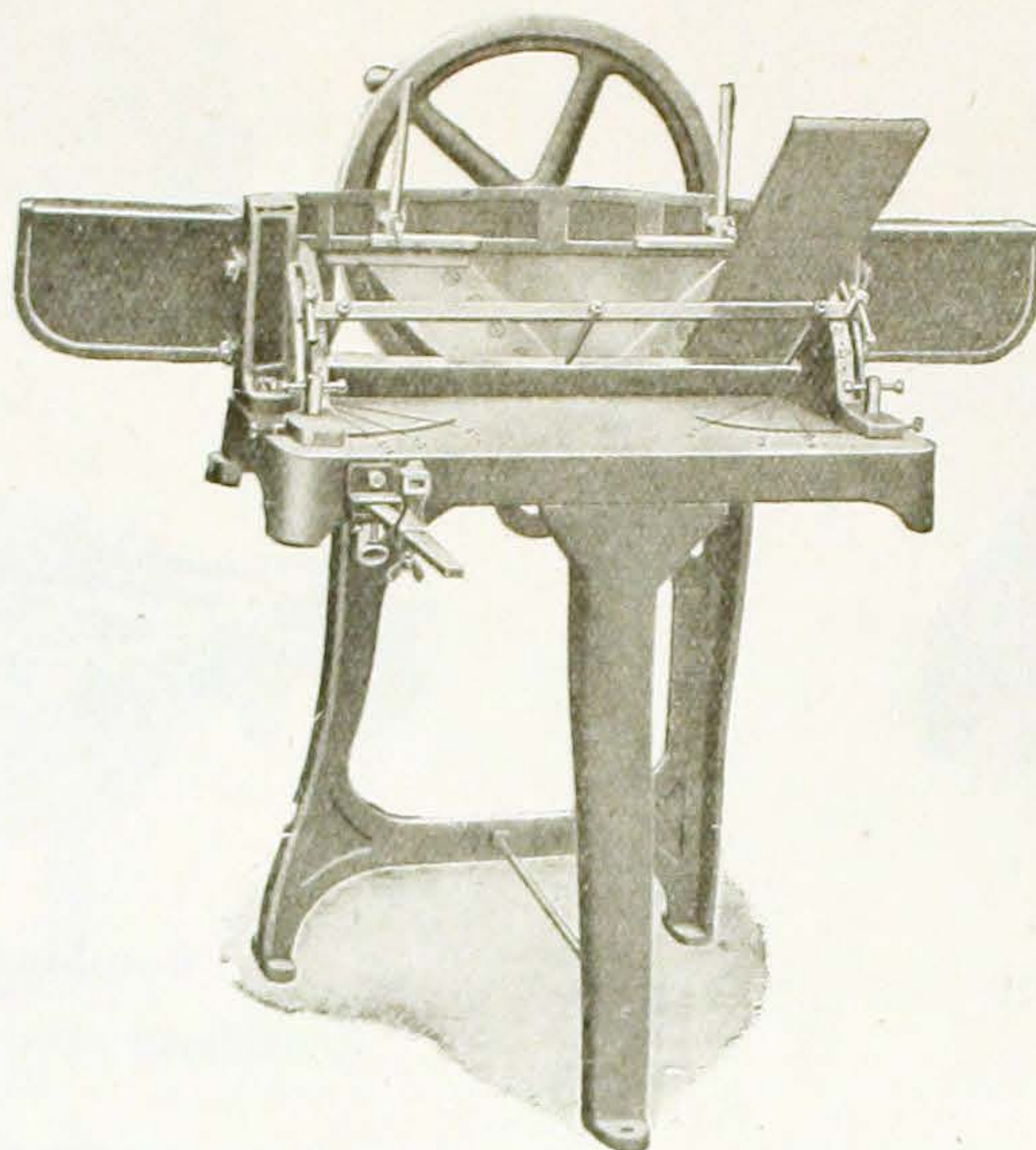
Brace and Bit Holder.

No. PHS 7929 ... 2/6 each.

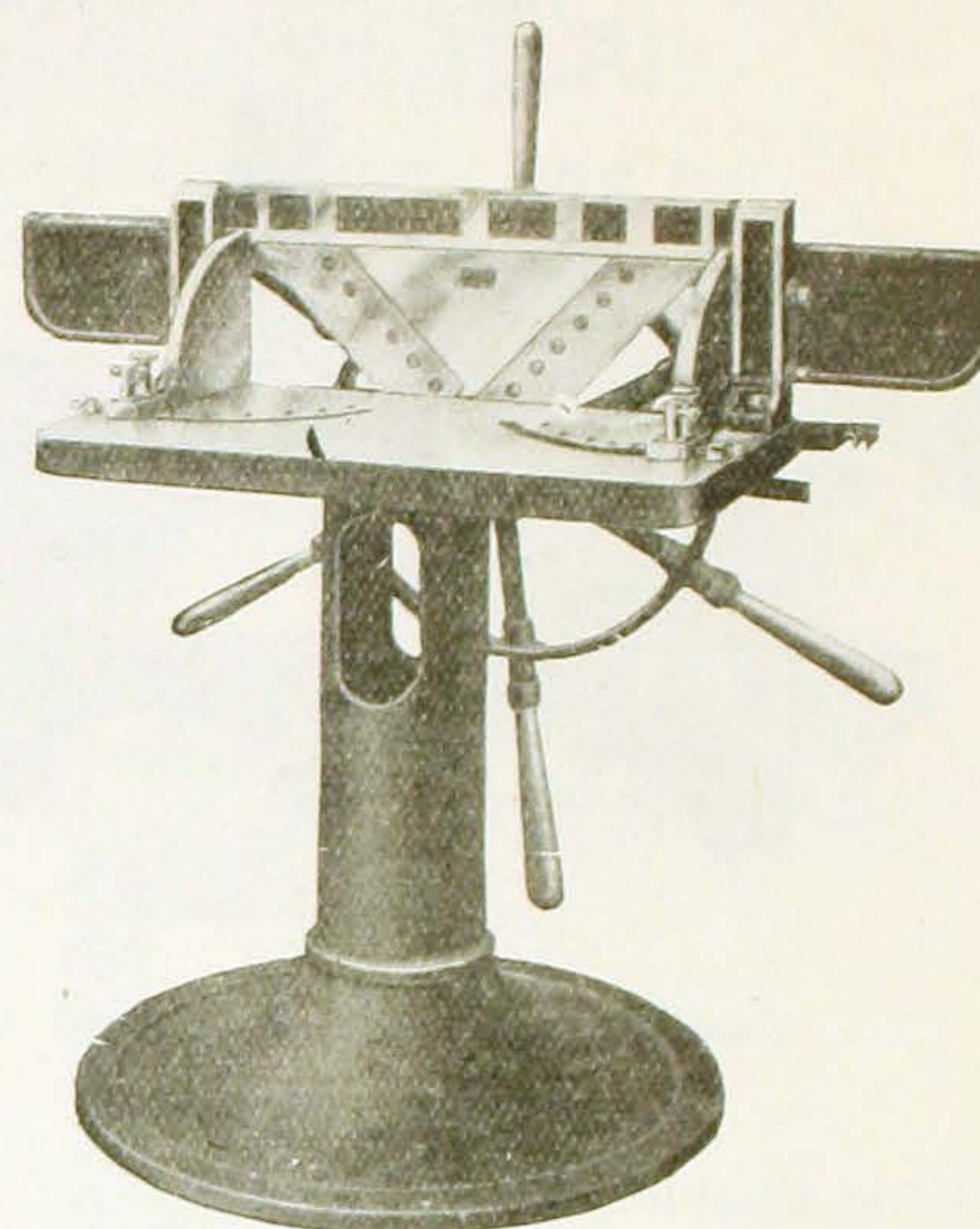
Woodworking Machines



"Tyro"
No. PHS 8302



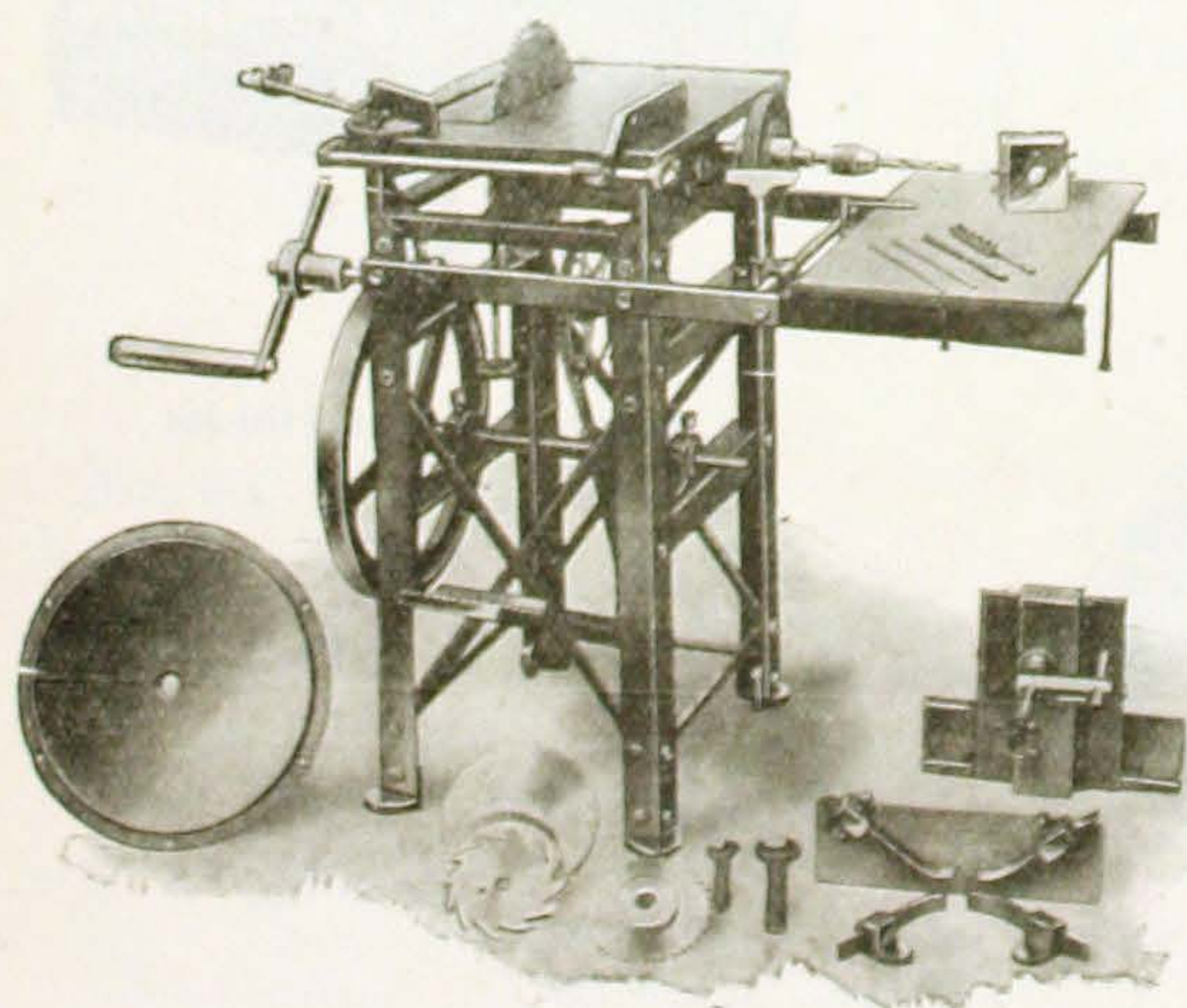
"Apex"
No. PHS 8303



"Regent"
No. PHS 8301

THESE Machines are now made with Reversing Knives, by means of which a great improvement in the life of the knife can be obtained. The Machines and the knives are so constructed that once the knives are worn at the bottom (where of course the majority of work is cut) they can be reversed and transposed so that the right-hand knife works reversed on the left-hand side of the Machine and vice-versa. This permits the knives being used double the length of time without grinding.

TYPE.	Size.	L'gth of Cut	H'gt of Cut	Wood Trimmer each.	Stand. each.	Canting Table. each.	Dead Length Gauge. each.	Cornice Mould Fitting. each.	Belection Plate Fitting. each.	Extra Knives. each.
"Tyro"	0	4"	3"	£ s. d. 5 19 0	£ s. d. —	£ s. d. Not Supplied.	£ s. d. —	£ s. d. 1 7 6	£ s. d. 1 0 0	£ s. d. 1 13 0
	1	9"	4"	8 6 0	2 10 0	2 12 6	—	1 7 6	1 0 0	2 6 0
	2	11"	5 1/4"	13 16 0	2 19 0	3 13 0	2 16 0	2 0 0	1 0 0	2 19 0
	3	12"	6"	19 6 0	3 13 0	4 3 0	2 19 0	2 12 6	1 0 0	3 13 0
"Apex"	2	20"	6"	26 5 0	Included.	4 3 0	2 19 0	2 19 0	1 0 0	3 13 0
	3	21"	6"	27 12 0	"	4 3 0	3 6 0	3 6 0	1 3 0	3 17 0
	4	21"	6"	29 11 0	"	4 12 0	3 6 0	3 6 0	1 3 0	3 17 0
"Regent"	1	24"	8"	51 4 0	"	4 19 0	3 6 0	3 6 0	1 7 0	4 12 0



PHS 8300

The "PARWINAC"

The Premier Combination Machine of its type and the result of many years experience Frictional loss is reduced to a minimum by use of Ball Bearings, its ease of operation makes it ideal and ensures rapid production.

The Machine is fitted with Tilting Table, and will take 12" Saw. It may be supplied as a Hand and Foot Power Sawbench only, or accessories can be added which convert it into a Combination Woodworker capable of the following operations:—Sawing, Cross Cutting, Boring, Moulding, Edge Planing, Tenoning, Rebating, Morticing, Tongueing, Mitre Cutting, Grooving, Bevelling, Sanding, Tool Sharpening, etc.

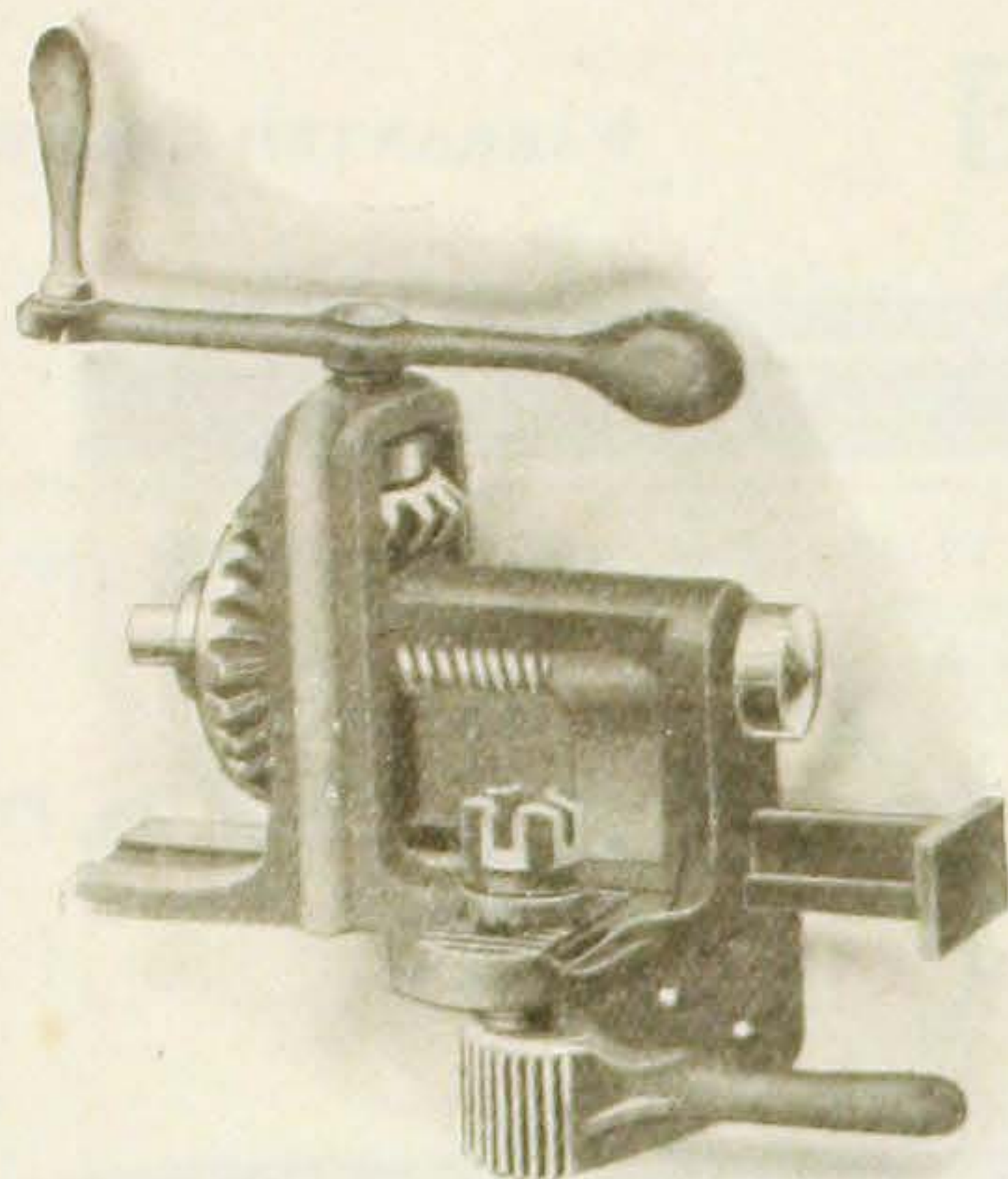
The accessories need not necessarily be supplied with the Machines, but can be added as and when customers require them.

Saw Bench only, Tilting Table				£	s.	d.
Saws	...	...	...	17	15	0
Swivelling Mitre Fence and Dead Length Gauge	...	...	...	0	16	6
Adjustable Boring Table and Drill Chuck	...	...	...	0	16	6
Grinding Attachment Tool Rest and Stone	...	...	...	2	9	3
Moulding Fence and top and side pressure springs	...	...	...	1	7	9
Square Moulding Block, 1" wide	...	...	...	1	19	6
" " " 2" " "	...	...	...	1	0	0
Drunk Saw and Collars	...	...	...	1	7	0
Disc Sanding Attachment for 16" Discs	...	...	...	2	12	6
Two-Speed Gear, high Speed for Planing or Moulding	...	...	...	1	19	6
Tenoning Attachment	...	...	...	3	6	0
	...	...	...	4	12	0

"A" Basis.

All PHS—Stock Lines.

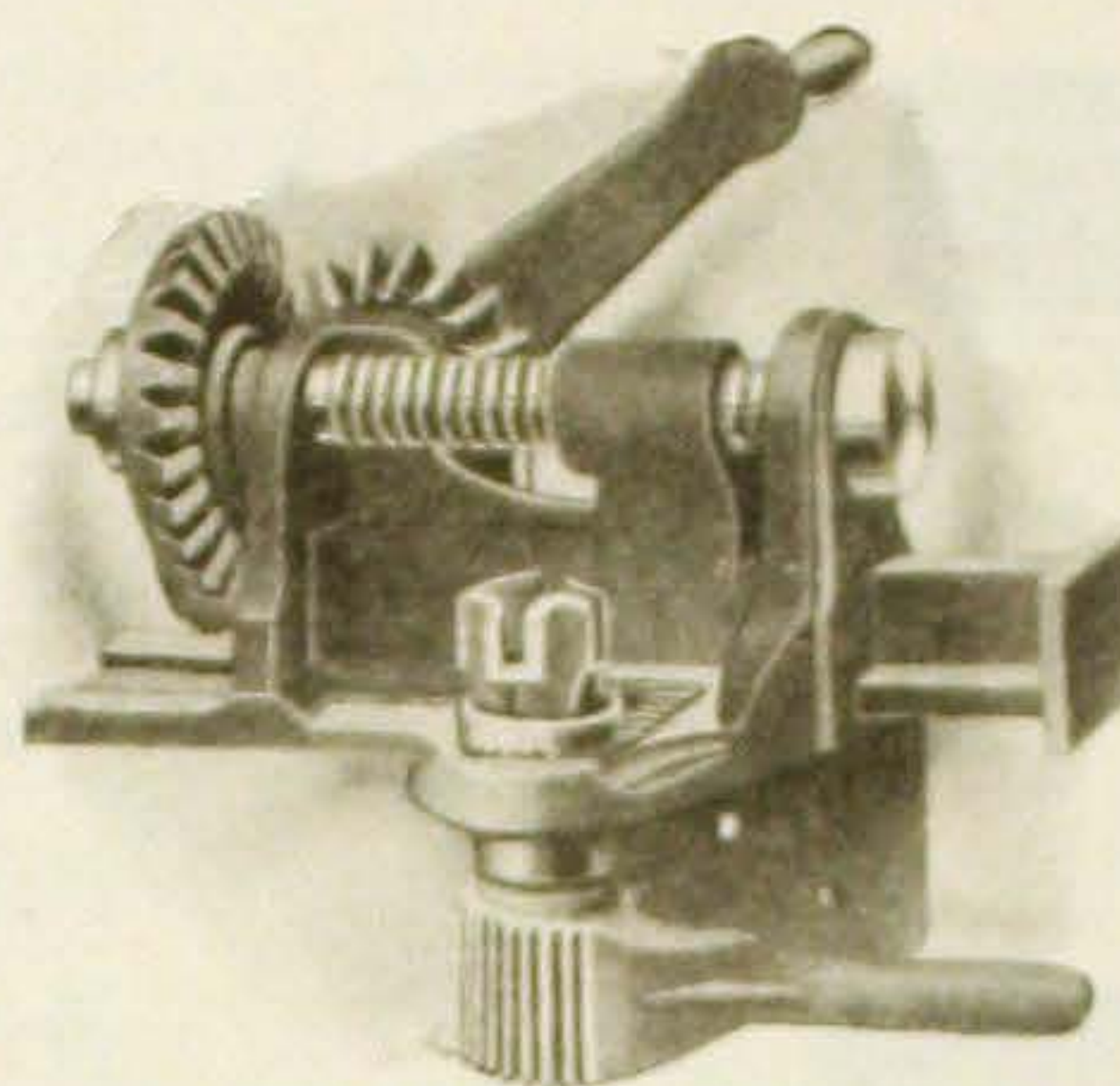
Flooring Cramps



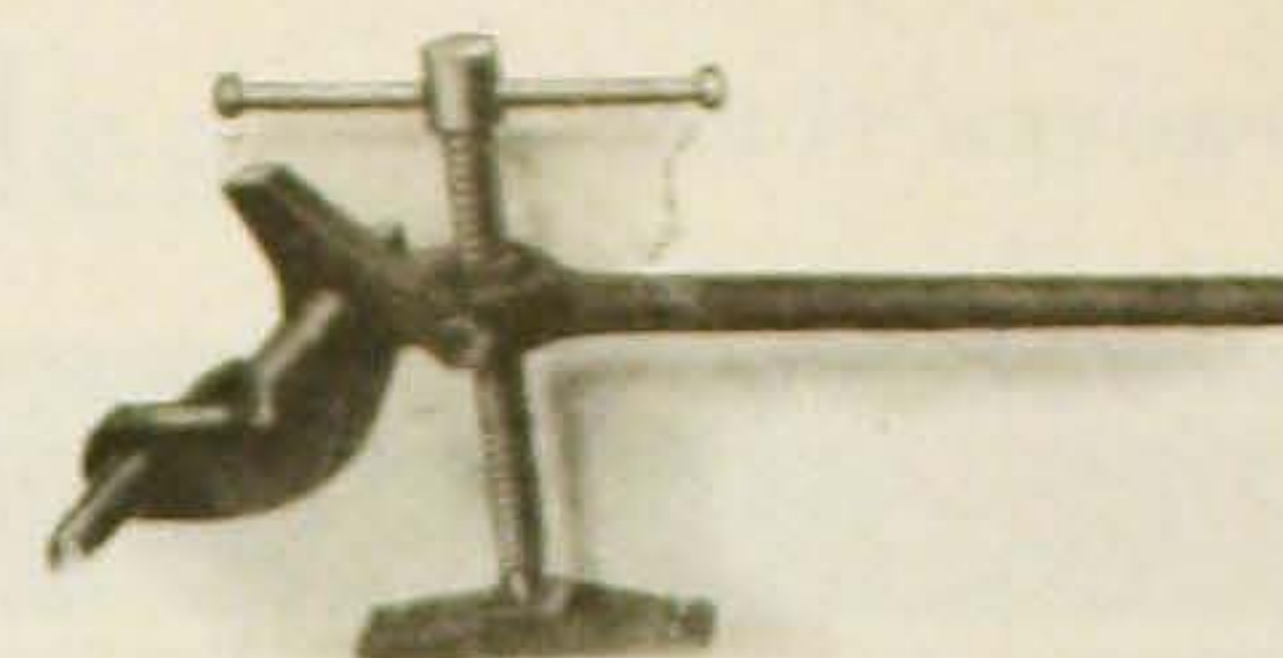
No. PHS 7288 (Top Action.)
To suit Joists .. 2"-3 1/2" 2"-4 1/2" 2"-6"
First quality .. 31/- 31/6 32/- each.
Second quality .. 22/4 23/- 23/6

FIRST QUALITY
All Malleable Iron, Steel working parts.

SECOND QUALITY
Cast Iron Frame and Wheels, with Malleable and Steel working parts.



No. PHS 7290 (Bissell's Pattern).
To suit Joists .. 2"-3 1/2" 2"-4 1/2" 2"-6"
First quality .. 28/- 28/6 29/- each.
Second Quality .. 21/3 21/9 22/6

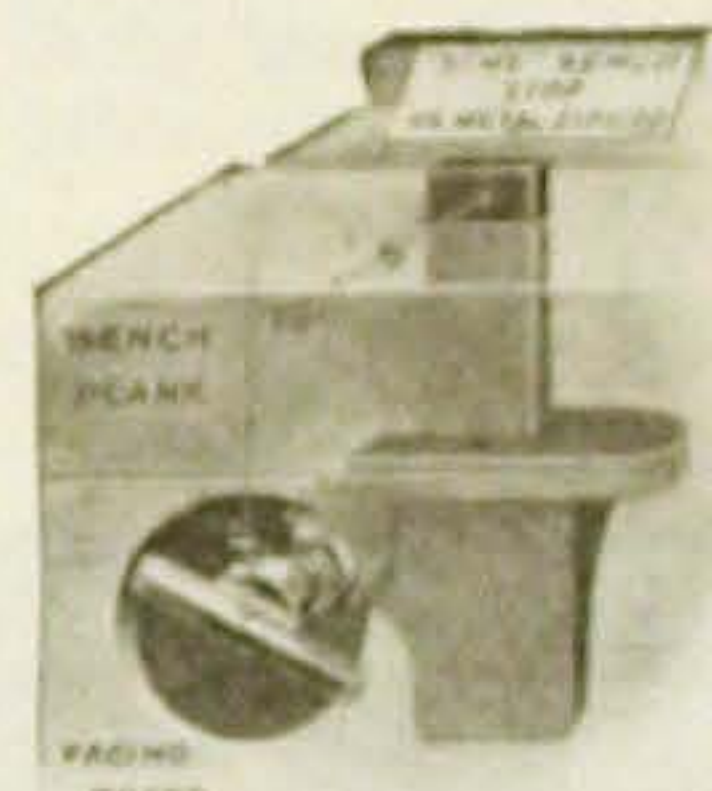


No. PHS 7297
KIMBERLEY'S PATTERN. WROUGHT IRON. PRONGS (Both Sides).
Light Pattern, for Joists 1 1/2"-3 1/2" .. 20/6 each.
Strong Pattern, for Joists 2"-4" .. 24/2
These can be used in either right or left hand position.
PRONGS (One side).
Light Pattern, for Joists 1 1/2"-3 1/2" .. 40/6 pair.
Strong Pattern, for Joists, 2"-4" .. 43/3
Each pair represents one right and one left hand Cramp.

Woodworkers' Bench Stops and Holdfasts

"HANDY"

"ACME"



No. PHS 7310
Price, 5/6 each.

No. PHS 7311
Price 5/6 each.

The "Handy" and "Acme" Stops are both adjusted without use of hammer or screwdriver. The "Acme" Stop is particularly recommended for Schools, because it has no exposed metal to cause damage to edge tools.

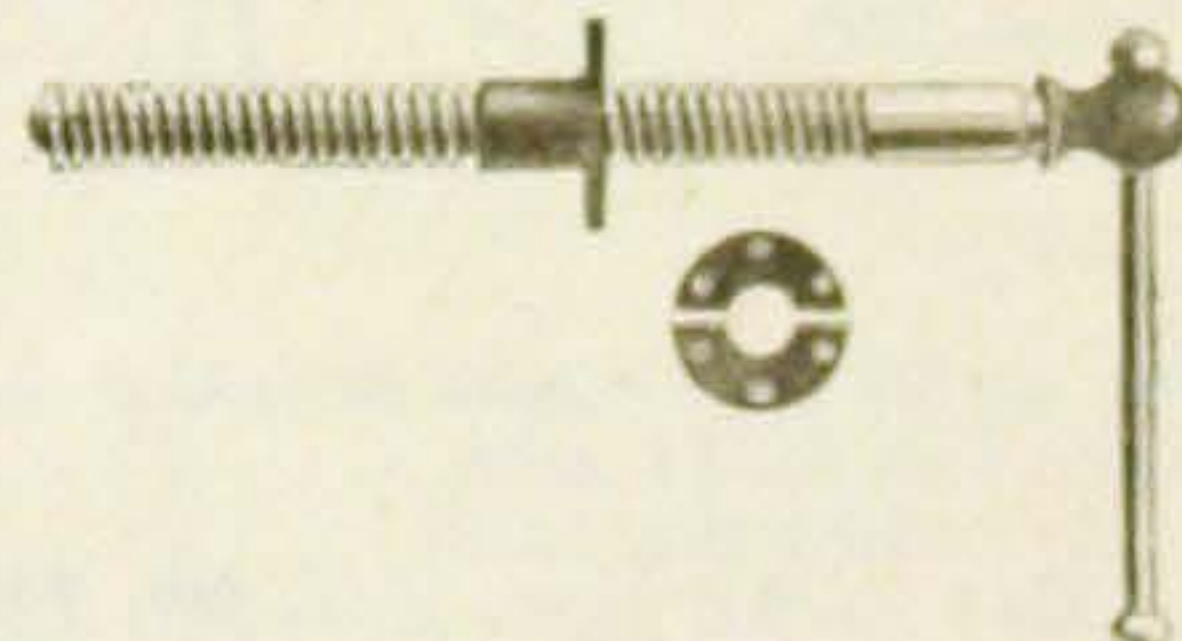


No. PHS 7315
Wrought Iron Pillar, Mild Steel Screw and Handle, Malleable Iron Arm and Shoe.

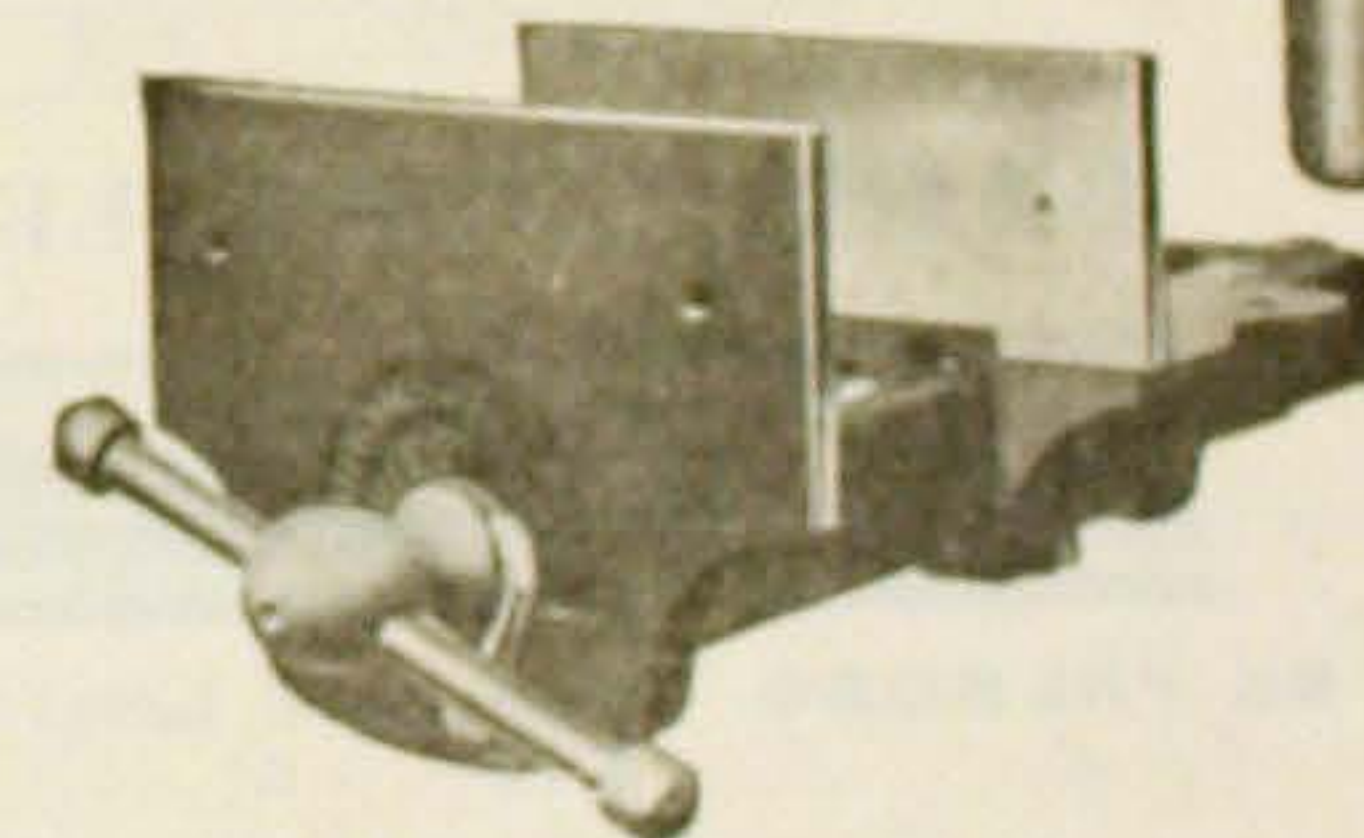
No.	Size of Pillar.	Black Finish.
0	10" x 1"	8/6 each
1	12" x 1"	9/9 "
2	14" x 1"	11/6 "
3	16" x 1 1/2"	13/9 "
4	18" x 1 1/2"	18/9 "

Woodworkers' Vices and Bench Screws

Mild Steel Screw and Handle, Malleable Nut and Split Collar.

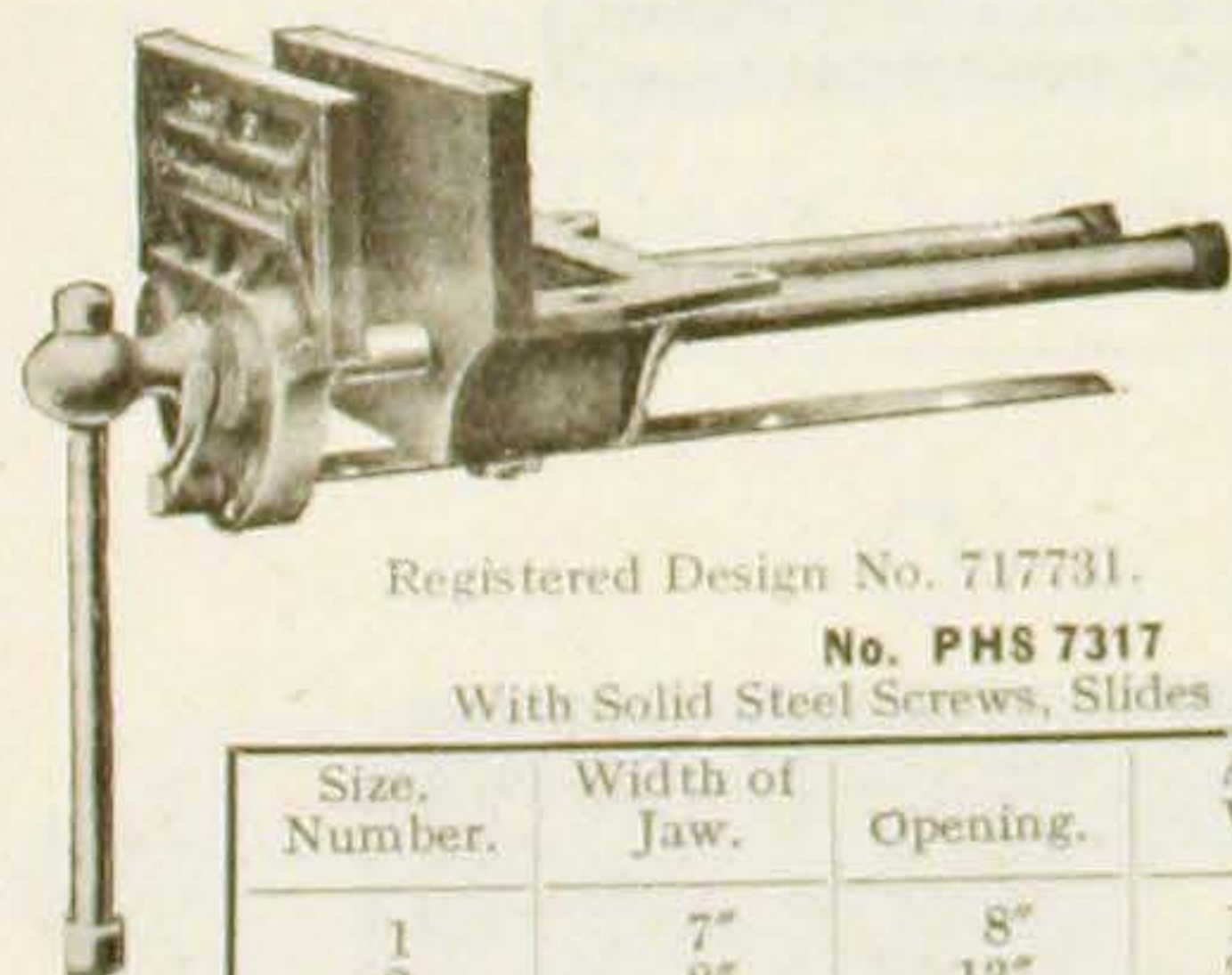


Length	Dia. of Screw	Black	Bright
16"	1"	7/-	7/3 each.
18"	1 1/8"	9/6	10/- "
20"	1 1/4"	11/-	11/6 "
21"	1 1/2"	15/9	16/9 "
22"	1 3/4"	16/9	18/- "
24"	1 7/8"	24/9	26/3 "



No. PHS 7254
Continuous Screw and quick action.

Size No.	Width of Jaw.	Opening.	Weight.	Price.
10A	7"	6"	18 lbs.	20/3
10	9"	12"	37 1/2 lbs.	28/-
12	10 1/2"	15"	43 1/2 lbs.	31/3



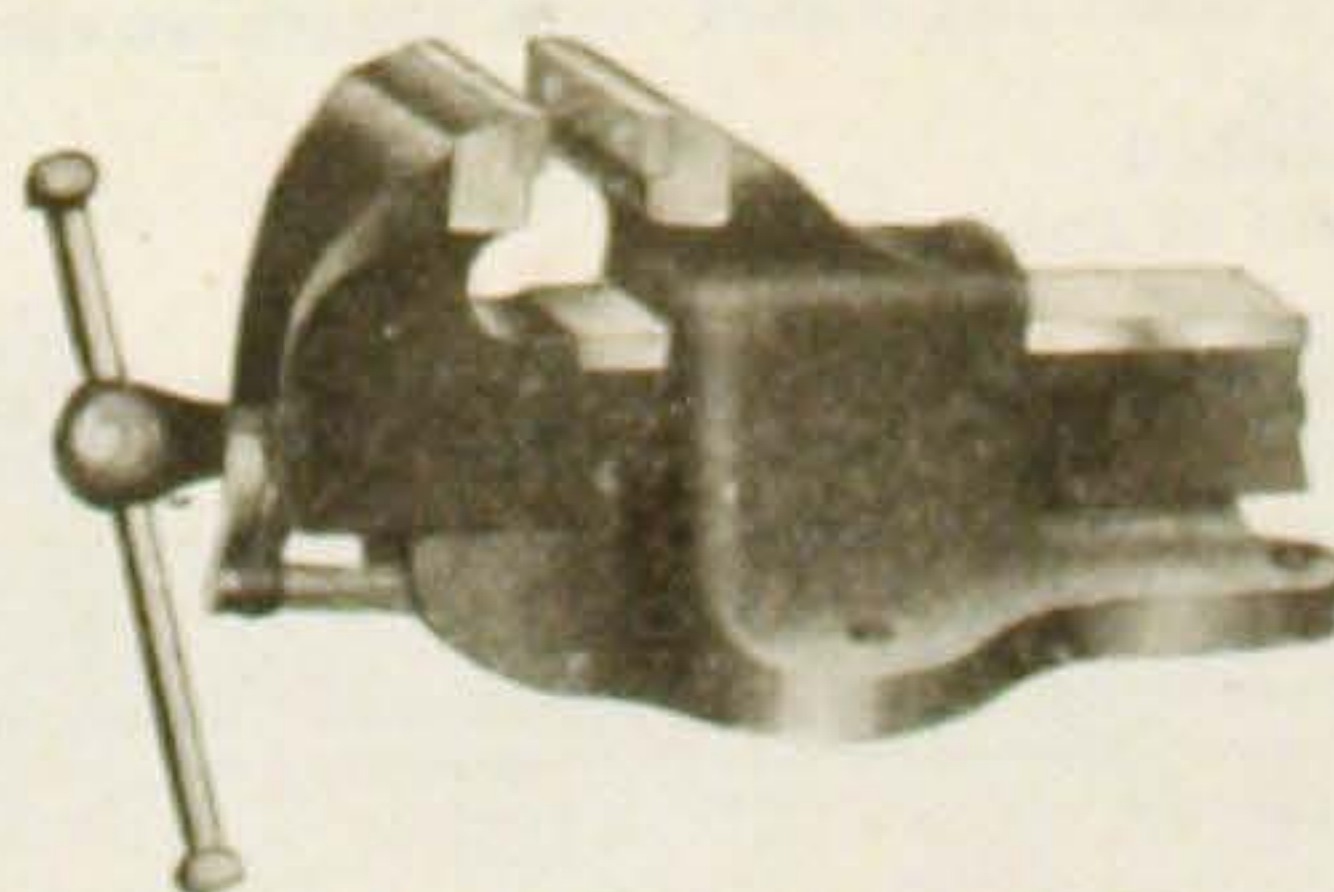
Registered Design No. 717731.

No. PHS 7317
With Solid Steel Screws, Slides and Handle.

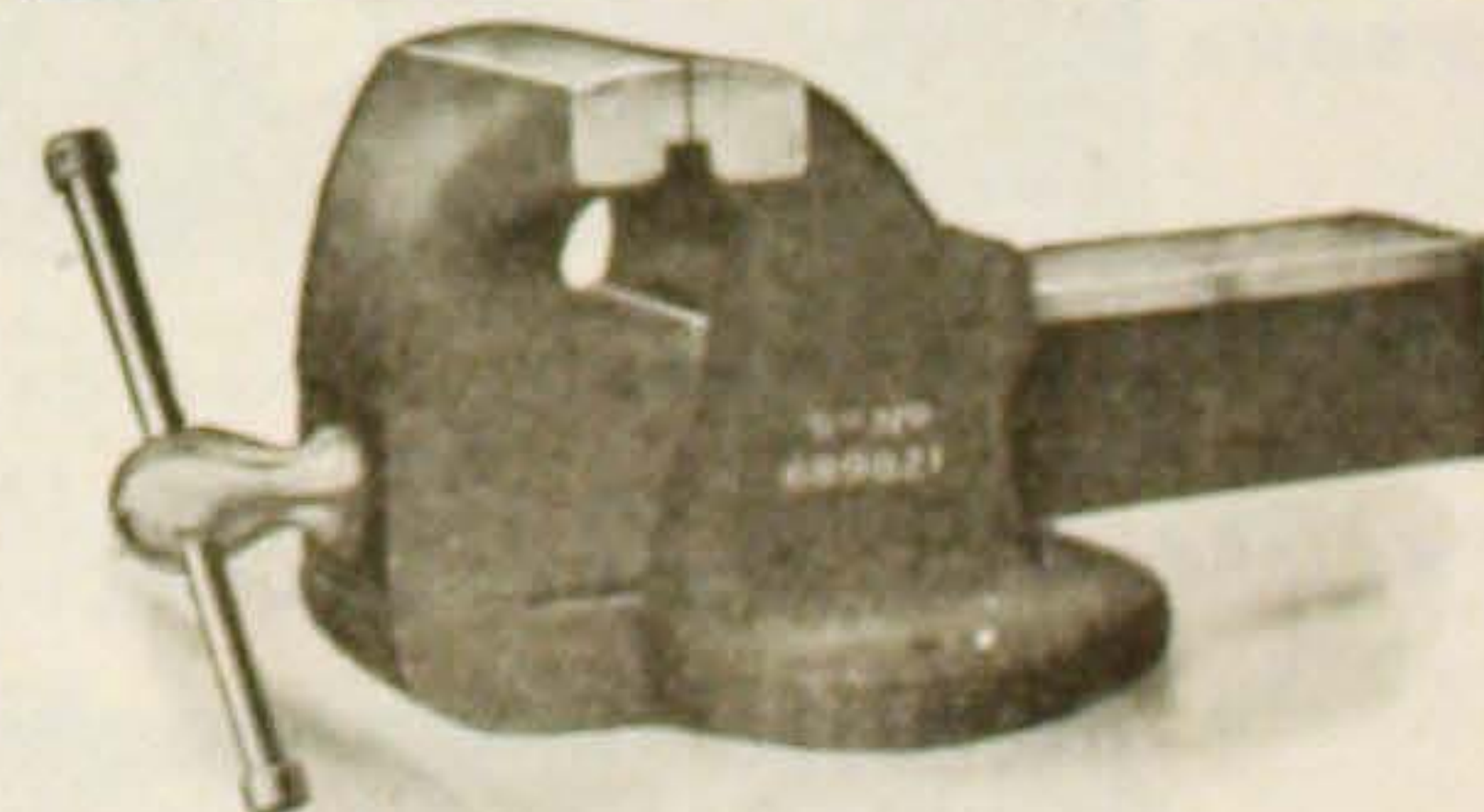
Size Number.	Width of Jaw.	Opening.	Approx. Weight.	Price, each.
1	7"	8"	18 lbs.	20/6
2	8"	13"	31 lbs.	28/-
3	10 1/2"	15"	36 lbs.	29/6

Parallel Vices

The Base and Back-jaw of these Vices are in one good Solid Casting.
Best Hardened Tool Steel Jaws.
Best Toughened Cast Iron, Mild Steel Screw, Handle and Fittings.



Size No.	Width of Jaw	Price
4	3"	28/6
5	3 1/2"	40/6
6	4"	48/9
7	4 1/2"	57/3
8	5 1/2"	66/- each.
9a	6"	75/9
9b	6 1/2"	82/-
10	7"	101/-
11	7 1/2"	127/6
12	8"	136/- each.



No. PHS 7253 Screw Action only.

Size.	Width of Jaw	Depth of Jaw	Opening	Weight	Price.
0a	2 1/2"	1 1/2"	2"	5 1/2 lb.	£0 9 9
1a	3"	1 1/2"	2 1/2"	8 lb.	0 11 0
1	3 1/2"	1 1/2"	3"	12 lb.	0 13 3
2	4"	2"	3 1/2"	19 1/2 lb.	0 18 0
3	4 1/2"	2 1/2"	4"	32 1/2 lb.	1 3 0
3a	5"	2 1/2"	5"	40 lb.	1 10 3
3b	5 1/2"	3"	6"	48 1/2 lb.	1 17 3
3c	6"	3 1/2"	8"	66 1/2 lb.	2 10 6

Size No.	Width of Jaw	Price
00	0"	11/9
0	2 1/2"	13/9
1	3"	16/9
2	3 1/2"	22/6
3	4"	30/- each.
4	4 1/2"	38/-
5	5"	49/6
6	6"	64/-
7	7"	68/6 each.

"B" Basis.

BEST PROVED TUBES.

Spirit Levels

WARRANTED CORRECT.



No. PHS 8085 Hardwood Level with Brass Plated Top.

4"	6"	8"	9"	10"	12"
1/-	1/3	1/8	1/9	2/2	2/6 each.

No. PHS 8086 Hardwood Level with Brass Plated Top and Brass Tipped Bottom.

6"	8"	9"	10"
1/8	2/-	2/3	2/8 each.



No. PHS 8087 Small Ebony Level, with Brass Plated Top and Brass Tipped Bottom.

8"	9"	10"	12"
3/2	3/6	3/9	4/3 each.

No. PHS 8088 Small Ebony Level with Brass Plated Top, Plated Side Views and Brass Tipped Bottom.

8"	9"	10"	12"
4/2	4/8	5/3	6/2 each.



No. PHS 8089 Best Plumb and Level, strong Brass Plated Top and Brass Tipped Bottom.

8"	9"	10"	12"	14"	16"	18"
4/8	5/2	5/6	6/8	7/8	9/-	11/- each.



No. PHS 8090 Walnut Plumb and Level, Brass Plated Top and Tipped Bottom, Tapered Ends. 9", 3/2 each.

No. PHS 8091 Rosewood Plumb and Level, heavy Brass Plated Top and Tipped Bottom, Tapered Ends.

9"	...	4/-	12"	...	5/- each.
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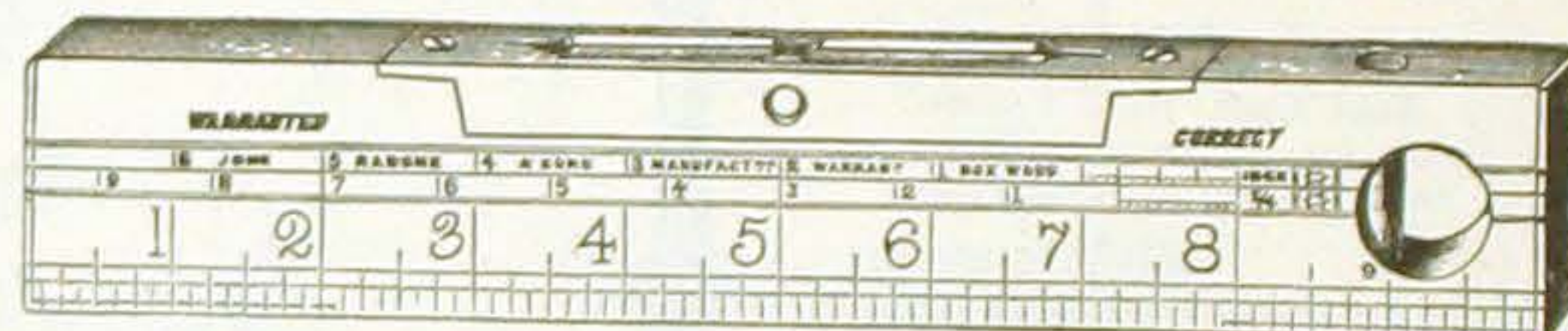


No. PHS 8092 Plumb and Level Side Views, 2 1/8" wide x 1 1/4" thick.

12"	15"	18"
3/8	4/-	4/8 each.

No. PHS 8093 as PHS 8092 above but tipped Bottom.

12"	15"	18"
4/9	5/3	6/- each.



No. PHS 8094 Narrow Boxwood Rule and Plumb Level, Tipped Bottom, marked inches 8ths and 16ths.

10"	...	3/3	12"	...	3/8 each.
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No. PHS 8095 Broad Boxwood Rule and Plumb Level, Brass Tipped Bottom and Ends, marked inches, 8ths and 16ths.

16"	18"	20"	24"
7/8	8/2	9/2	9/6 each.

BRASS SPIRIT LEVELS.



No. PHS 8096 Brass Tube Level on Brass Base.

4"	...	2/10	5"	...	3/2 each.
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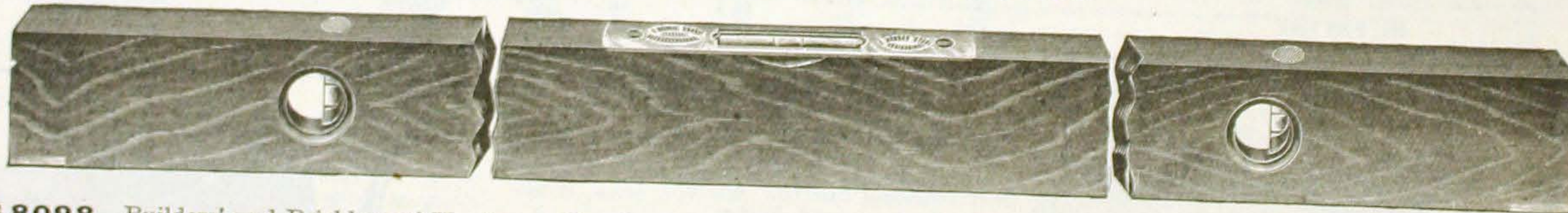


No. PHS 8097 Hexagon Spirit Level, Nickel Plated.

2 1/2"	...	2/-	3 1/2"	...	2/3 each.
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Builders' Plumb Levels

No. PHS 8098

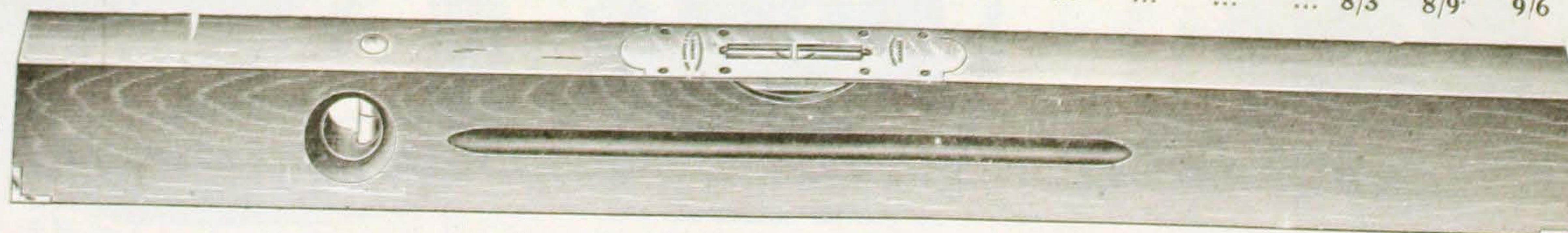


No. PHS 8098 Builders' and Bricklayers' Hardwood Plumb and Level, with Plumb at each end, 2 7/8 x 7/8 thick.

No. PHS 8099 As PHS 8098 above, but with Plumb at one end only.

30"	36"	42"	48"
9/6	9/9	10/6	12/- each.
8/3	8/9	9/6	11/- "

No. PHS 8100



No. PHS 8100 Plumb and Level, Side Views, Brass Tipped Bottom, French Polished

No. PHS 8101 " " Side Views, French Polished

No. PHS 8102 Adjustable Plumb and Level, Side Views, Brass, Tipped Bottom, French Polished

No. PHS 8103 " " " " Brass, Tipped Top and Bottom

24"	27"	30"
7/6	8/-	8/6 each.
5/10	6/2	-
8/10	9/3	10/- "
10/6	11/-	11/9 "

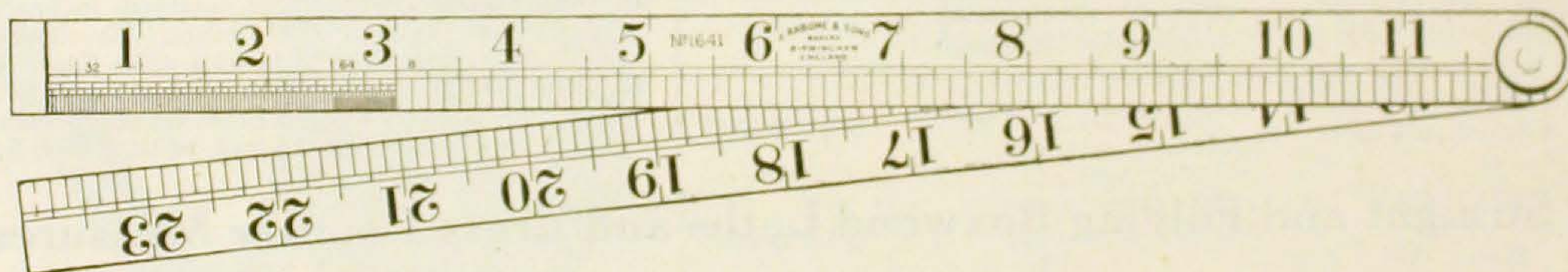
"A" Basis.

All PHS—Stock Lines

These Rules are made of best quality Steel, well hardened and tempered, are reliable straight edges, and are Engine divided with unvarying accuracy.

The 4 and 6 inch Rules are $\frac{3}{4}$ inch wide $\times$ 21 W.G. thick; 12 inch are $1\frac{1}{2}$ inch wide $\times$ 19 W.G. thick.

ENGINE DIVIDED FOLDING STEEL RULES

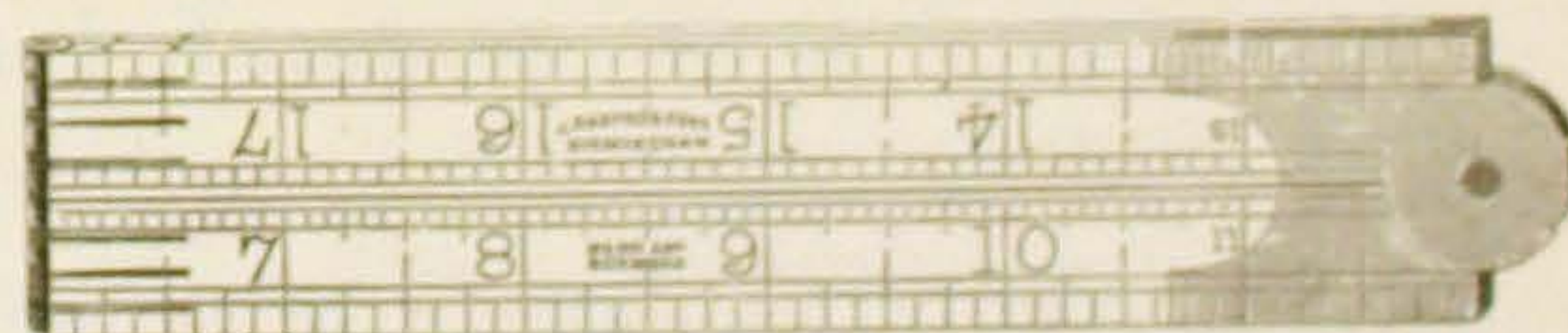


No.	PHS 8076	2 Feet, 2 Fold, $\frac{1}{4}$ " wide, stop joint, marked inches in 8ths, 16ths, 32nds, 64ths	... ..	2/6 each.
No.	PHS 8076/1	" " " " " " " " 8ths, 16ths, and millimetres	... ..	2/6 "
No.	PHS 8077	" " " " " " " " 8ths and 16ths ... ..	... ..	2/3 "
No.	PHS 8078	1 Foot, 3 Fold, $\frac{1}{2}$ " wide, lock joints, marked inches in 16ths, 32nds, 64ths, and millimetres.	... ..	1/8 "

A detailed illustration of a wooden gage, a tool used in shipbuilding for measuring the curvature of a hull. The gage is shown in two parts: a top section and a bottom section. The top section is a long, thin strip of wood with a circular hole on the left end and a rectangular hole on the right end. It is marked with 'J. BABONE & SONS' and 'MAKERS'. The bottom section is a similar strip, also marked with 'J. BABONE & SONS' and 'MAKERS', and is shown with a curved line indicating its intended use for measuring the hull's curve.

No. PHS 8079 1 foot, 4 fold, $\frac{3}{4}$ " wide,
German Silver Mounts. Marked
inches in 8ths, 16ths 10ths, 12ths.
13/9 each.

No. PHS 8080 $\frac{1}{2}$ inch wide, marked inches, 8ths and 16ths, $\frac{9}{3}$ each.



No. PHS 8081 2 feet, 4 fold, $\frac{1}{4}$ " wide, German Silver Mounts, marked inches in 8ths, 16ths, 10ths and 12ths and scales, 30/- each.

No. PHS 8082 As PHS 8081 above, but 1" wide, 37/6 each.

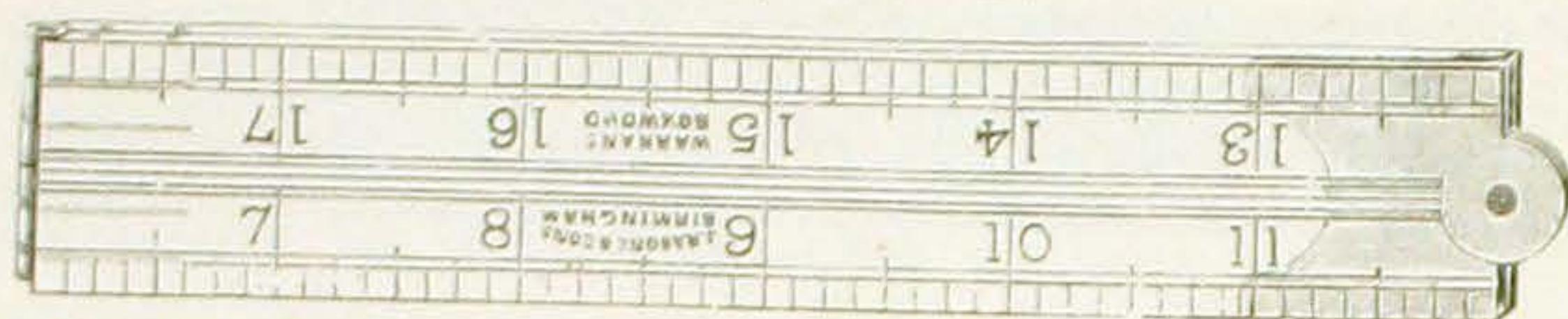
No. PHS 8083 2 feet, 2 fold, inch wide, German Silver Mounts, Bevelled Edges with 16 Scales, marked inches in 8ths, 16ths, 10ths and 12ths., 43/6 each.

No. PHS 8084 2 feet, 4 fold, $1\frac{1}{8}$ " wide, German Silver Mounts, Bevelled Edges with 16 Scales, Degrees on Joint, marked inches in 8ths, 16ths, 10ths and 12ths, 49/6 each.

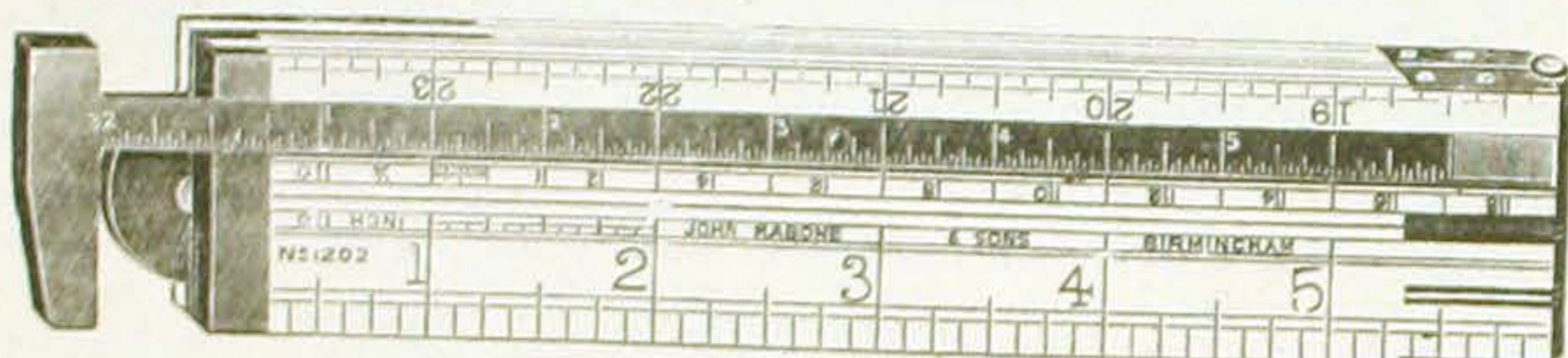
"A" Basis.

Folding Boxwood Rules

2 FEET, 4 FOLD.



- No. PHS 7901 Arch Joint, marked inches, 8ths, and 16ths, inch wide. 2 feet, 1/6; 3 feet, 1/10 each.
 No. PHS 7902 Arch Joint, marked inches, 8ths, 16ths, 10ths, 12ths. 1 1/8 inch wide. 2 feet, 1/9; 3 feet, 2/2 each.
 No. PHS 7903 Arch Joint, as PHS 7902 above, but with first leg inside of rule with bevelled edge, 2 feet, 2/- each.
 No. PHS 7904 Arch Joint, marked inches, 8ths, 16ths, 10ths, 12ths. 1 1/2 inch wide, 2 feet, 2/-; 3 feet, 2/6 each.

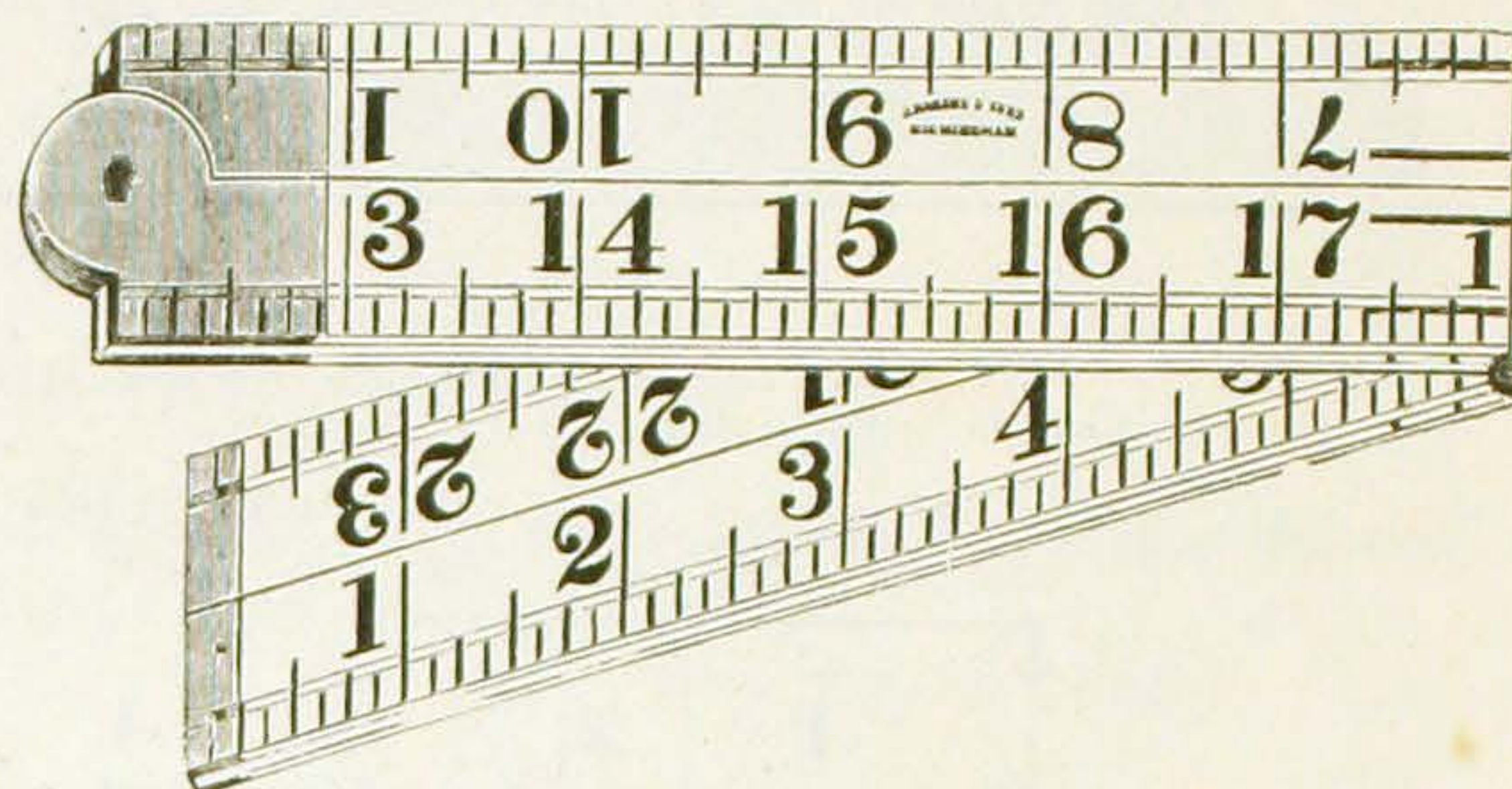


- No. PHS 7906 2 Feet, 4 Fold Boxwood Rule with Calliper Gauge and Edge Plated Joints, marked inches, 8ths, 16ths, 32nds, and scales, 1 1/8 inch wide, 5/3 each.



- No. PHS 7907 2 Feet, 4 Fold Boxwood Rule, with Spirit Level and Circle Plate of Degrees on Joint, marked inches, 8ths, 16ths and 4 scales, 6/4 each.

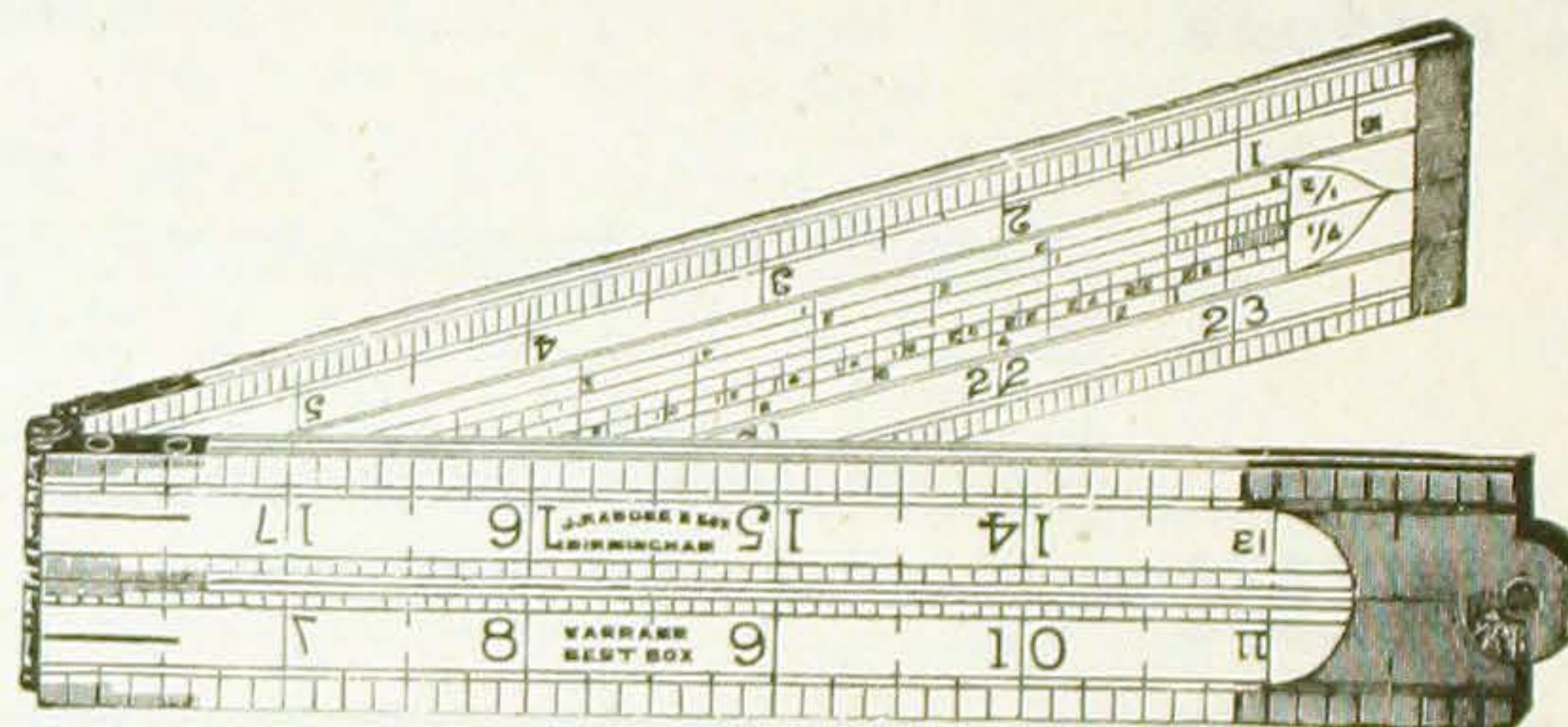
2 FEET, 4 FOLD.



BLINDMAN'S RULE.

Boxwood Rule, with the inch figures deeply marked in indelible black. They are very serviceable in places where the light is not good and those with defective eyesight.

- No. PHS 7905 Square Joint, marked heavily inches, 8ths and 16ths. 1 1/8 inch wide, 2 feet, 2/6; 3 feet, 3/- each.

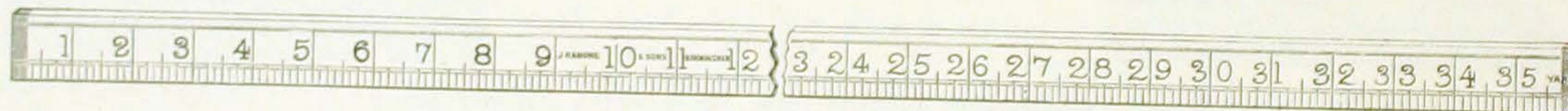


ARCHITECTS' RULES.

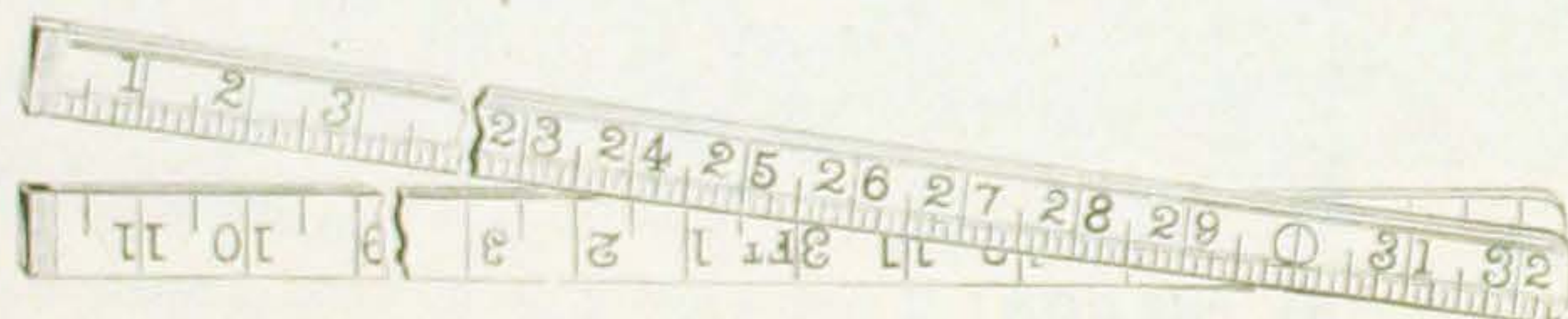
With Bevelled Edges and Drawing Scales.

- No. PHS 7908 Arch Joint, marked inches, 8ths, 16ths, 10ths, 12ths, Edge Plated Joints. Bevelled edges, with 8 scales, degrees on joint. 1 1/8 inch wide, 2 feet, 4/8; 3 feet, 6/3 each.
 No. PHS 7909 Arch Joint, marked inches 8ths, 16ths, 10ths, 12ths, outside edges Brass Bound, bevelled edges with 8 scales, degrees on joint, 1 1/8 inch wide, 2 feet, 5/6 each.

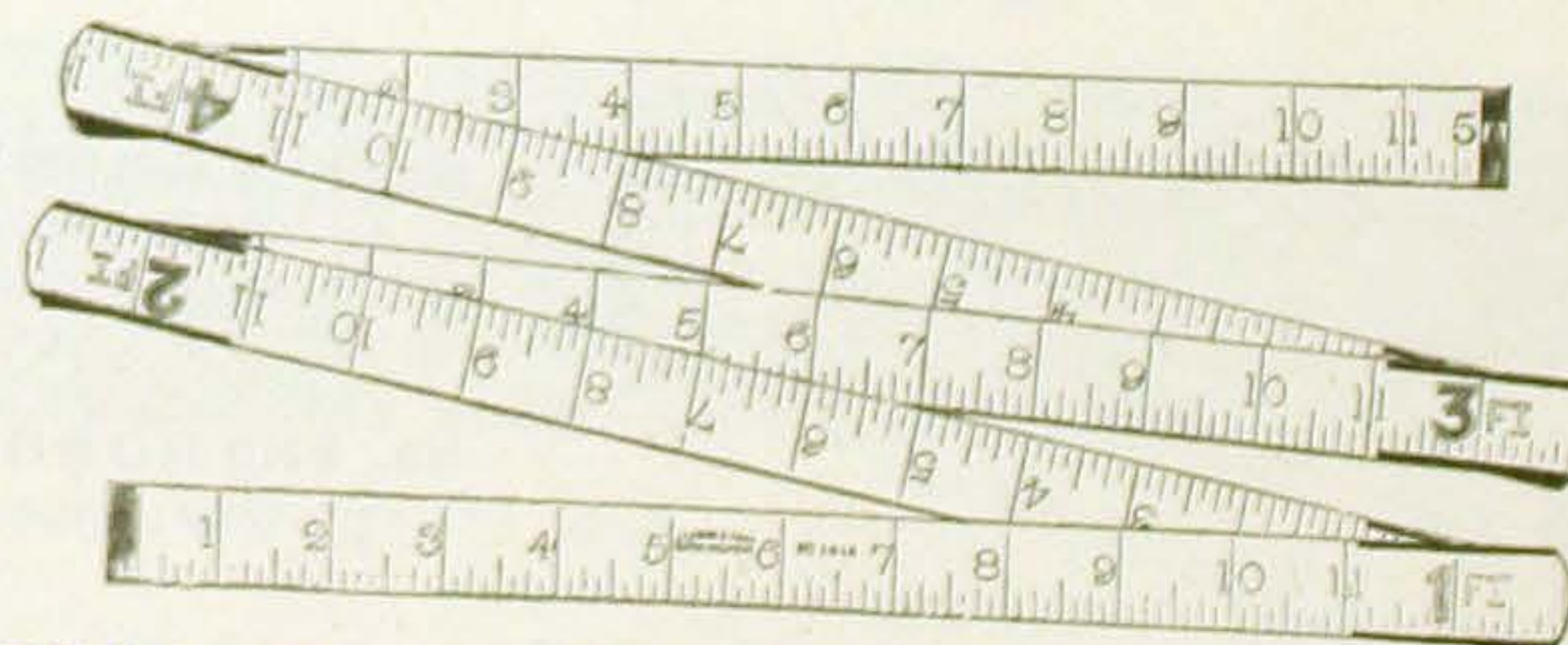
Straight and Folding Boxwood Laths and Brass Counter Measures



- No. PHS 7910 Straight Boxwood Bench Rule, Brass Tipped, 1" wide, marked inches, in 8ths on both sides, 24", 2/3; 36", 2/8 each.
 No. PHS 7911 1 1/2" wide x 1/4" thick, marked inches, in 8ths on three edges, and figured from both ends, 24", 3/3; 36", 3/10; 48", 5/4; 60", 7/8; 72", 10/8 each.



- No. PHS 7912 Boxwood, folding in centre, with spring stop joint, marked feet and inches in 8ths on both sides. 5 feet, 6/9 each.
 No. PHS 7913 Lancewood, as 7912 above but Black with White figures. 5 feet ... 7/6 6 feet, ... 9/- each.



- No. PHS 7914 5 Feet 5 Fold Boxwood, specially strong, fitted with spring joints, marked feet and inches in 8ths on both sides, 7/6 each.
 No. PHS 7915 6 Feet, 6 Fold, as above, 8/8 each.

Brass Counter Measures

For Screwing down on Counters



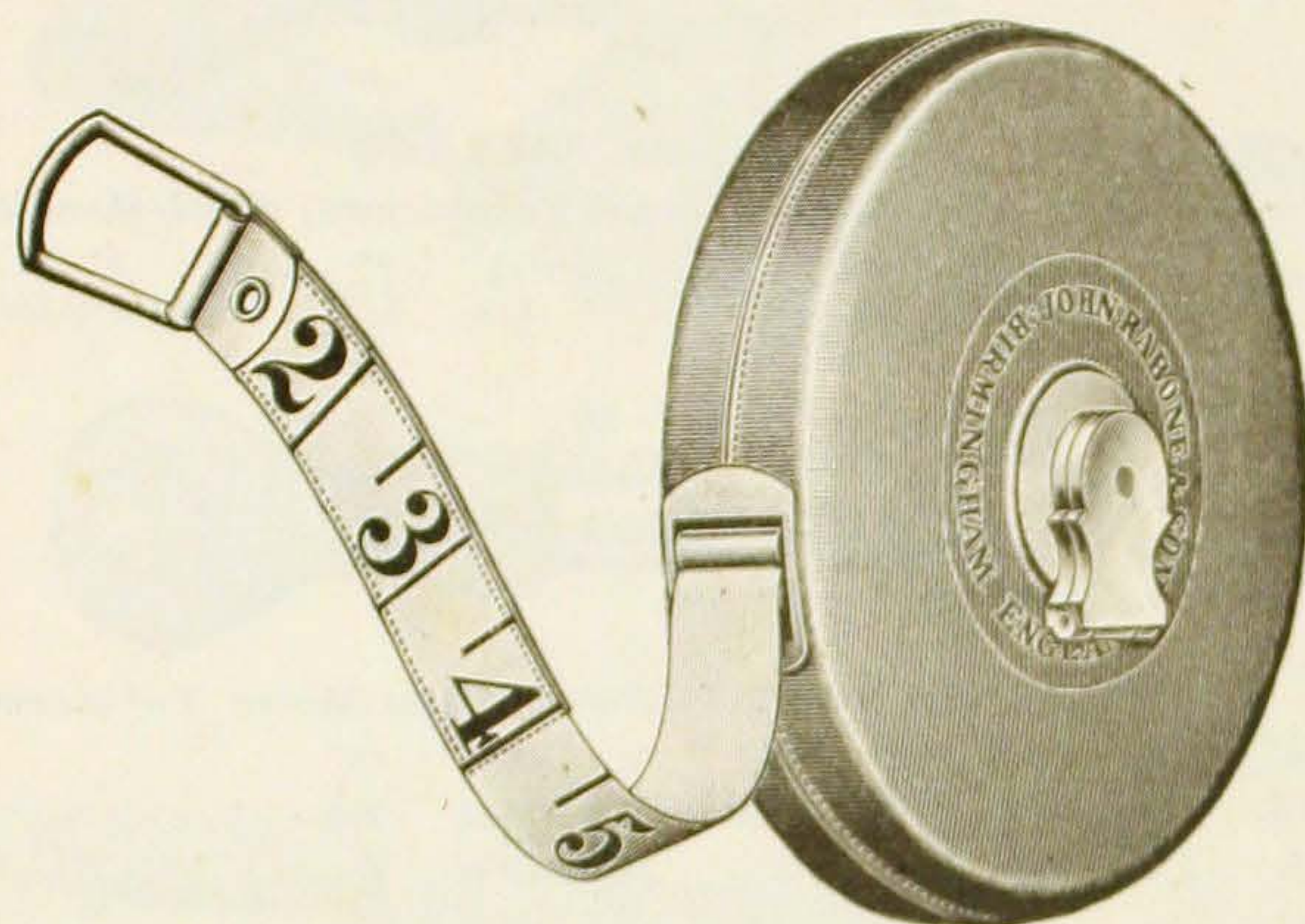
- No. PHS 7916 Yard Counter Measure, marked inches in 8ths, 3/4" wide x 18 W.G. thick, 3/- each.

Our Counter Measures have the markings cut in deeply by machine, and are a very superior article.

"A" Basis.

All PHS—Stock Lines.

Wind-up Measuring Tapes

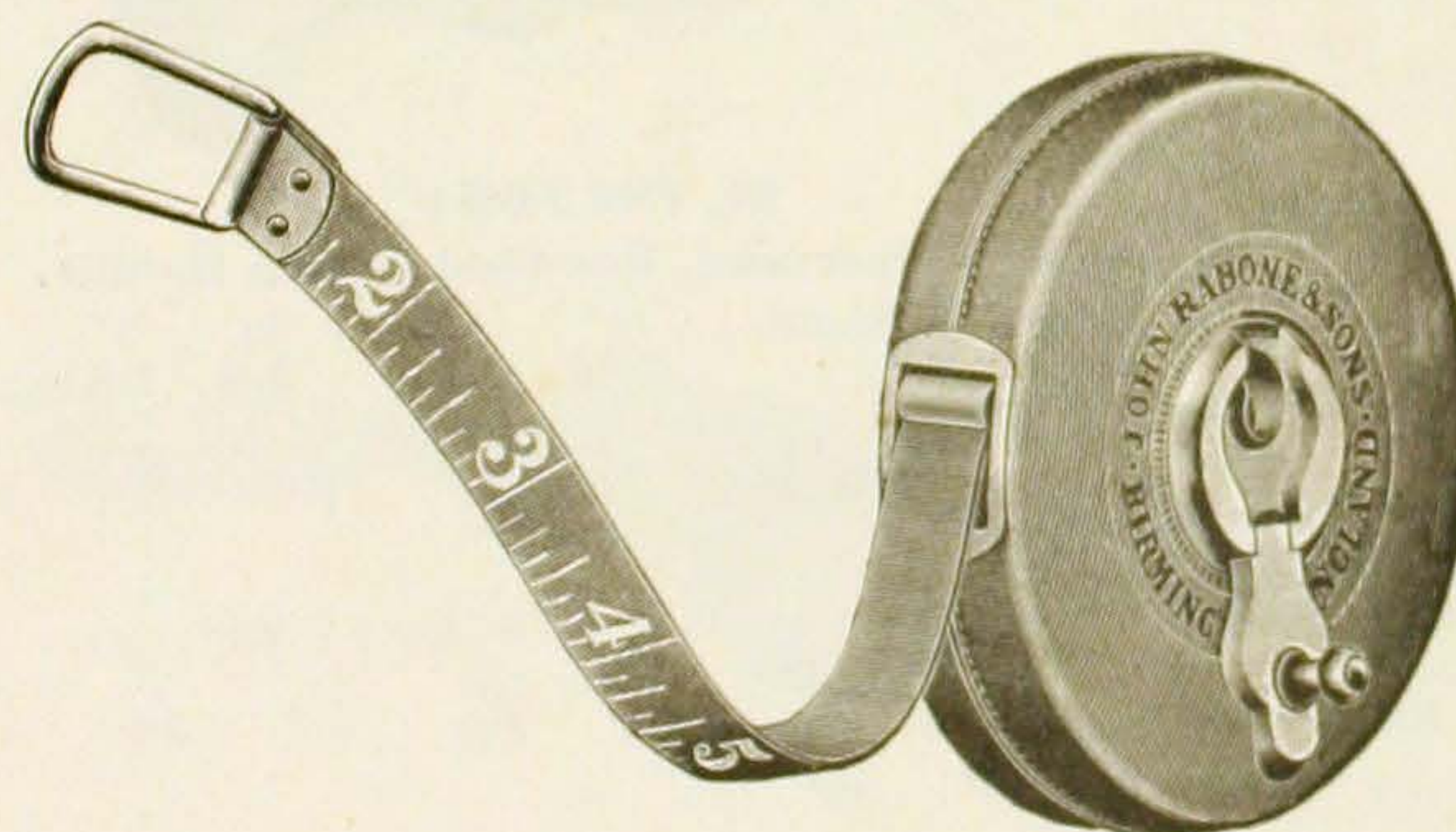


Nos. PHS 8105—PHS 8107
(Folding Handle.)

Woven Tapes in Leather Cases

Great improvements have been made in the manufacture of our well-known Rígida and Metallic Tapes, which further enhance their high reputation.

No.	Width	Marking.	33	50	66	75	100 feet.
PHS 8105	$\frac{3}{8}$ "	In Leather Case, Folding Handle, feet (in half-inches) and links ...	9/6	11/9	13/6	15/-	19/- each.
PHS 8106	"	In Leather Case, Flush Handle, feet (in half-inches) and links ...	10/6	12/9	15/-	16/3	20/9 ..
PHS 8107	"	In Leather Case, Folding Handle, feet (in half-inches) and links ...	9/6	11/9	13/6	15/-	19/- ..
PHS 8108	"	In Leather Case, Flush Handle, feet (in half-inches) and links ...	10/6	12/9	15/-	16/3	20/9 ..

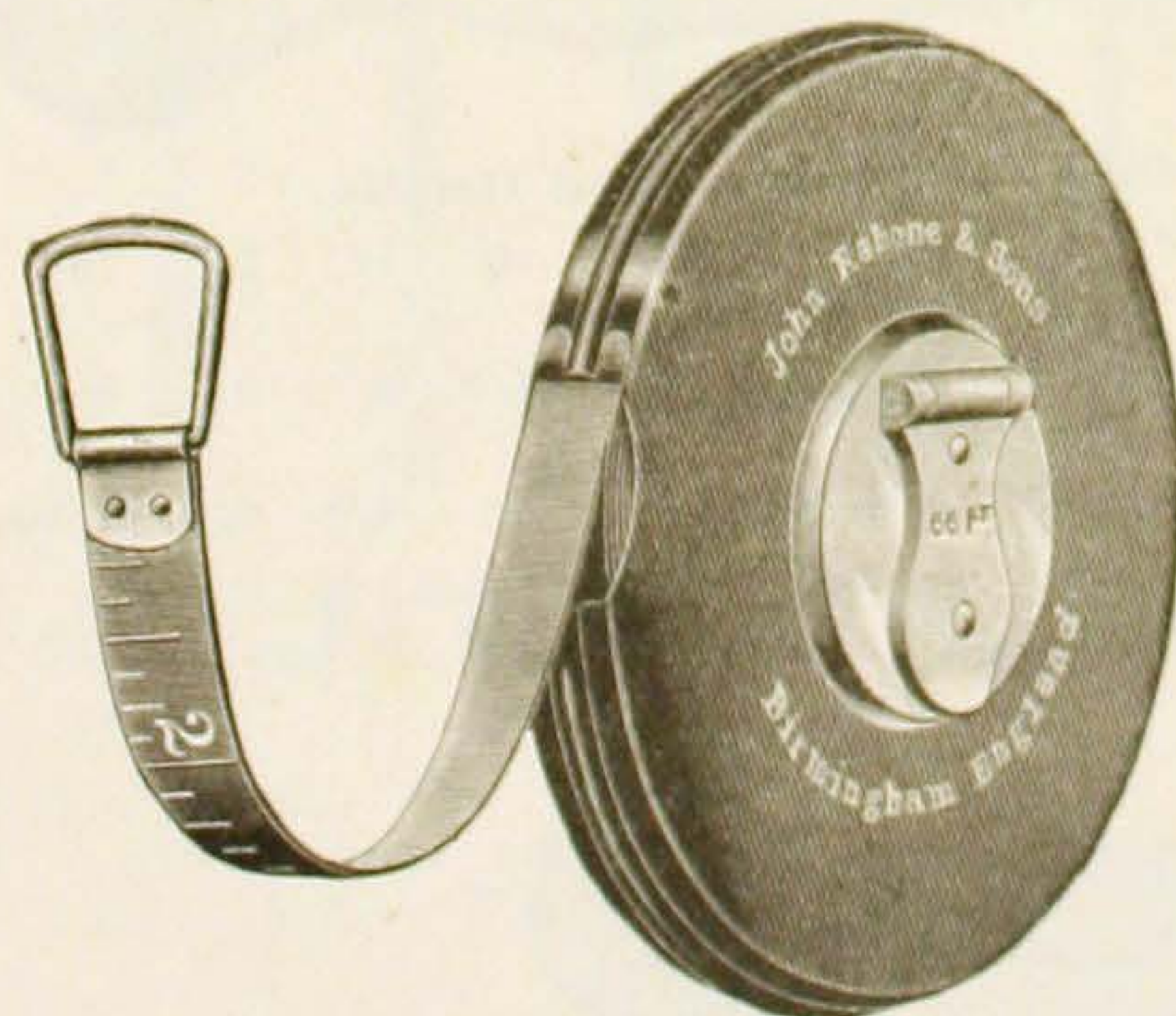


Nos. PHS 8109—PHS 8112
(Patent Flush Handle.)

Steel Tapes in Leather Cases

Our Steel Measuring Tapes are in constantly increasing demand. The material used in their manufacture is the best, and they may be depended on as Standard Measures, and should be used for taking all important measurements.

No.	Width	Marking.	25	33	50	66	75	100ft.
PHS 8109	$\frac{1}{8}$ "	In leather Case, Patent Flush Handle, feet (into ins. in 8ths) and links	each.	each.	each.	each.	each.	each.
PHS 8110	$\frac{1}{4}$ "	Marked as PHS8109 above ...	14/-	15/9	22/6	27/-	30/-	37/6
PHS 8111	$\frac{3}{8}$ "	In Leather Case, Patent Flush Handle, feet (into ins. in 8ths.) on one side only ...	16/3	19/-	25/9	33/9	37/2	47/3
PHS 8112	$\frac{1}{2}$ "	Marked as PHS8111 above ...	13/6	15/-	21/9	25/6	28/6	35/3
			15/-	17/-	23/8	29/9	32/6	40/6



Nos. PHS 8113—PHS 8114

Steel Tapes in Steel Cases

This Tape is recommended for Builders' and Mechanics' use and for work where oil, etc., might tend to spoil a leather cased tape.

The Tape is $\frac{3}{8}$ " wide, strong and very clearly marked by our patent method of marking.

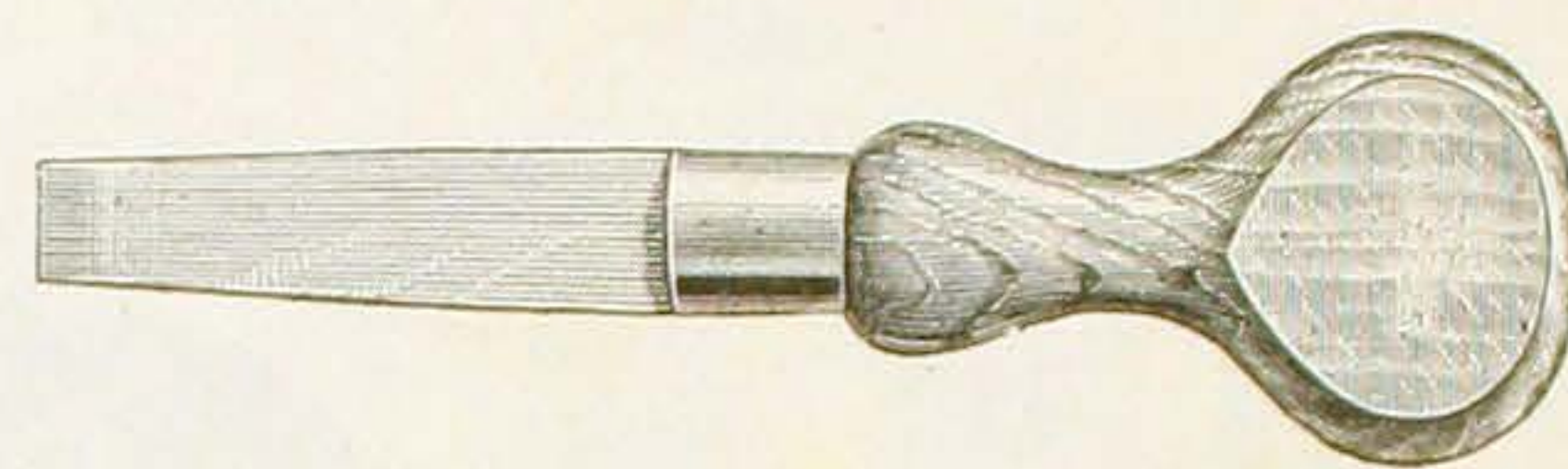
The Case is small in diameter and a hard wearing Black Lacquer Finish adds to its neat appearance.

No.	Width	Marking.	25	33	50	66	75	100 ft.
PHS 8114	$\frac{3}{8}$ "	Feet one on side of Tape (feet into ins. in 8ths.) ...	each.	each.	each.	each.	each.	each.
PHS 8113	"	Feet and links, (feet into ins. in 8ths.) ...	10/3	10/9	14/9	18/9	21/-	26/-
			10/9	12/6	16/3	20/3	22/6	28/8

Turnscrews

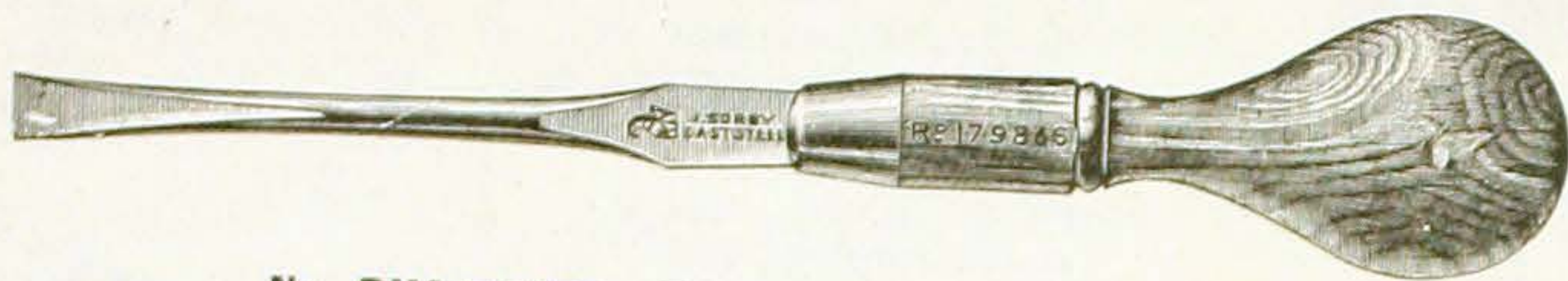
**No. PHS 7658** Cabinet Turnscrews, Beech Handled.

Length of Blades ...	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
No. PHS 7658 ...	1/2	1/3	1/6	1/9	2/2	2/6	2/8	2/10	3/8	4/8	5/8	6/10 each.

**No. PHS 7666**

Engineers' Flat Bladed Turnscrews, Beech Handled.

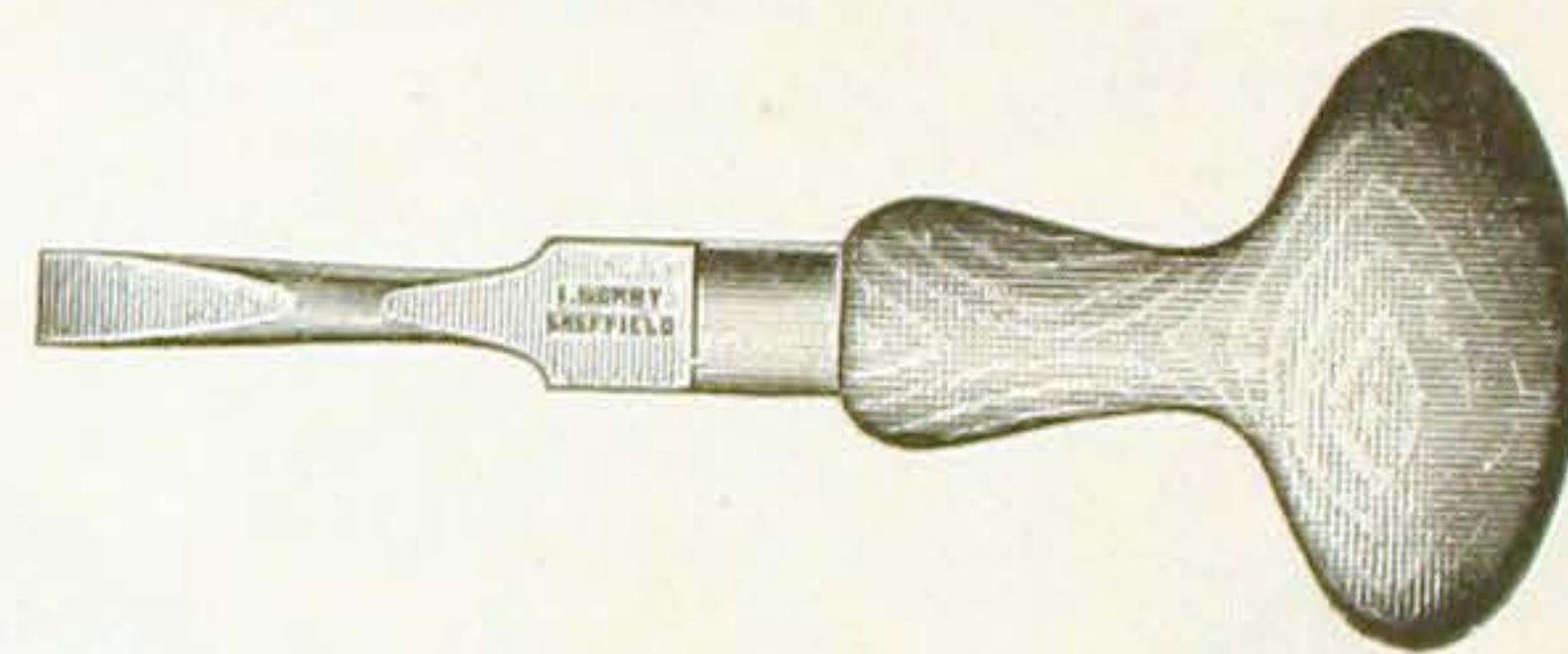
Length of Blade ...	1 1/2"	2"	2 1/2"	3"
No. PHS 7666 ...	1/2	1/3	1/6	1/8 each.

**No. PHS 7663** Registered Turncrew.

Registered Turncrew.													No. PHS 7667 Cabinet Blade Motor			
Length of Blade	...	Assorted	2½" to 4"	1½"	2"	2½"	3"	4"	5"	6"	7"	8"	9"	10"	12"	
No. PHS 7662	Beech Handle	...	10/- doz.	9d.	10d.	10d.	11d.	11d.	1/2	1/3	1/6	1/8	1/10	2/2	2/4 each.	
No. PHS 7663	Boxwood Handle		10/6 "	10d.	11d.	11d.	1/-	1/-	1/2	1/6	1/8	2/-	2/2	2/6	3/- "	
No. PHS 7667	Beech Handle	...	—	1/8	1/9	2/-	2/4	—	—	—	—	—	—	—	—	
No. PHS 7668	Boxwood Handle		—	1/9	2/-	2/2	2/6	—	—	—	—	—	—	—	—	

**No. PHS 7667** Cabinet Blade Motor Turncrew.**No. PHS 7654** London Pattern Turncrew.

Length of Blade ...	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
No. PHS 7654 —												
Beech Handle	1/-	1/2	1/4	1/7	1/10	2/2	2/6	2/10	3/8	4/8	5/8	6/10 each.
No. PHS 7656 —												
Boxwood Handle	1/-	1/2	1/6	1/8	2/-	2/4	2/8	3/-	3/9	5/-	6/6	7/10 "

**No. PHS 7669**

Motor Turnscrews, Boxwood Crutch Handle.

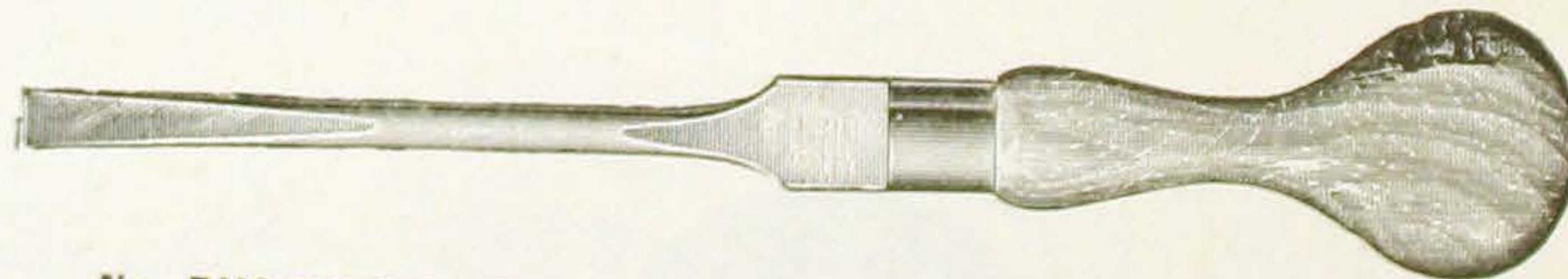
Length of Blades	1 1/2"	2"	2 1/2"	3"
	1/10	2/-	2/6	2/8 each.

**No. PHS 7672** Electricians' Round Blade Turnscrews.

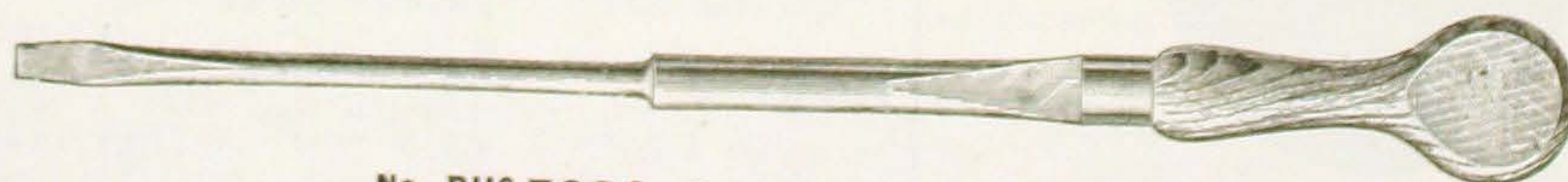
Length of Blade ...	...	...	...	...	...	...	...	6"	8"	10"
No. PHS 7670 Round Beech Handle ...	...	...	...	...	...	...	...	9d.	9d.	10d. each.
No. PHS 7671 Octagon Boxwood Handle	...	...	...	...	...	...	...	1/-	1/2	1/3 "
No. PHS 7672 Oval Boxwood Handle	...	...	...	...	...	...	...	1/6	2/-	2/8 "
No. PHS 7673 Flat Blade Pocket Turncrew, 2 1/4" Blades, Oval Rosewood Handle	1/6	...	...	...	...	...	...	...	...	...

**PHS 7965** Sewing Machine Turnscrews.

No.				
PHS 7965 Flat Blades, 2 1/4", Beech Handle	each.	7d.		
PHS 7966 Round Blades, 2 1/4", Hardwood Handle		6d.		
PHS 7967 Blue Flat Blades, 2 1/4", Rosewood Handle		8d.		
PHS 7968 " " " Beech Handle		7d.		

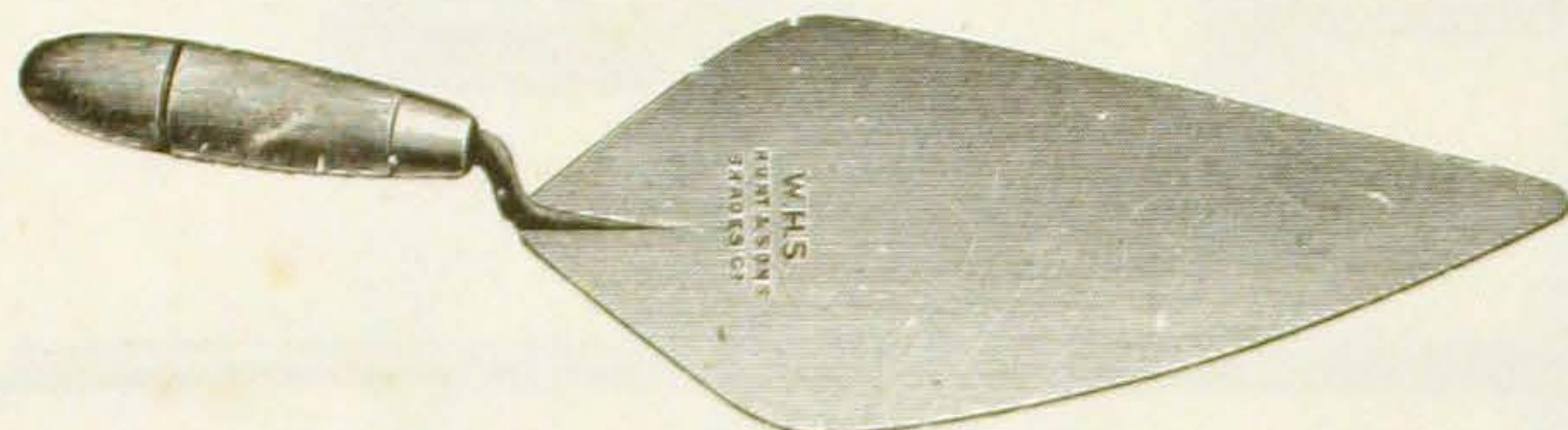
**No. PHS 7659** Cabinet Turnscrews, Oval Handle.

Length of Blade ...	3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
No. PHS 7659 —												
Beech Handle ...	1/3	1/6	1/10	2/2	2/6	2/9	3/-	3/3	4/-	5/-	6/-	7/2 each.
No. PHS 7660 —												
Boxwood Handle	1/4	1/8	2/-	2/6	2/9	3/3	3/6	4/-	4/8	6/-	7/10	9/8 "
No. PHS 7661 —												
Ebony Handle	1/8	1/10	2/4	3/2	3/6	4/-	4/3	4/9	5/8	—	—	—

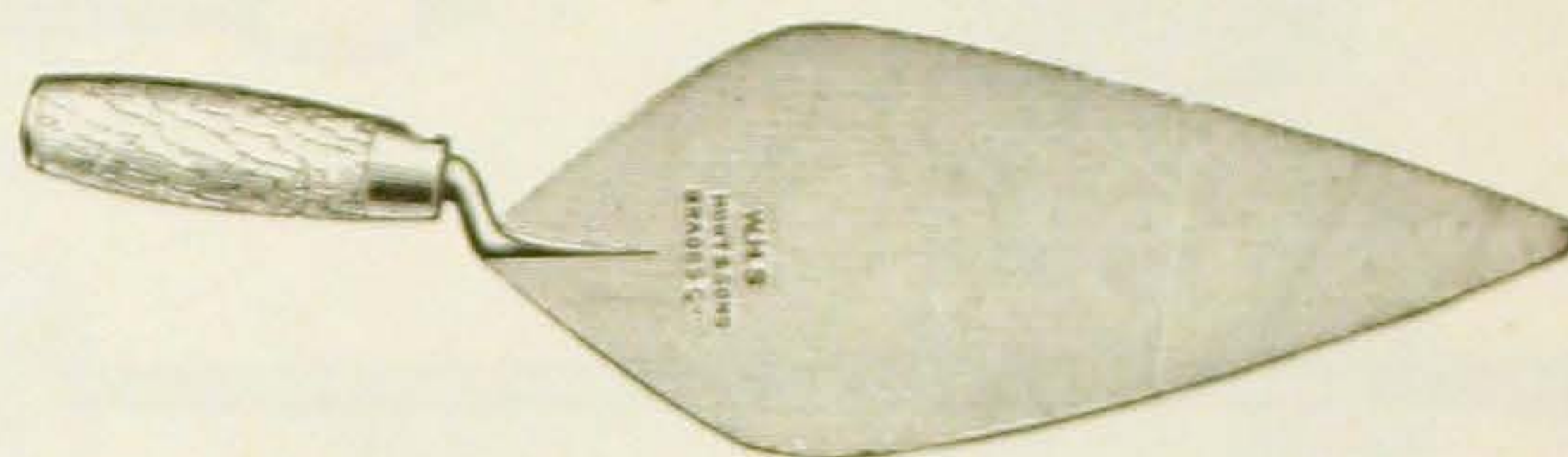
**No. PHS 7664** Spindle Blade Turnscrews.

Length of Blade ...	...	...	...	...	6"	8"	9"	10"	12"	15"	18"
No. PHS 7664 Beech Handle ...	...	...	...	...	9d.	11d.	1/-	1/2	1/6	1/10	2/4 each.

Plasterers' Tools



No. PHS 8150
London Trowel. Single Ferrule.



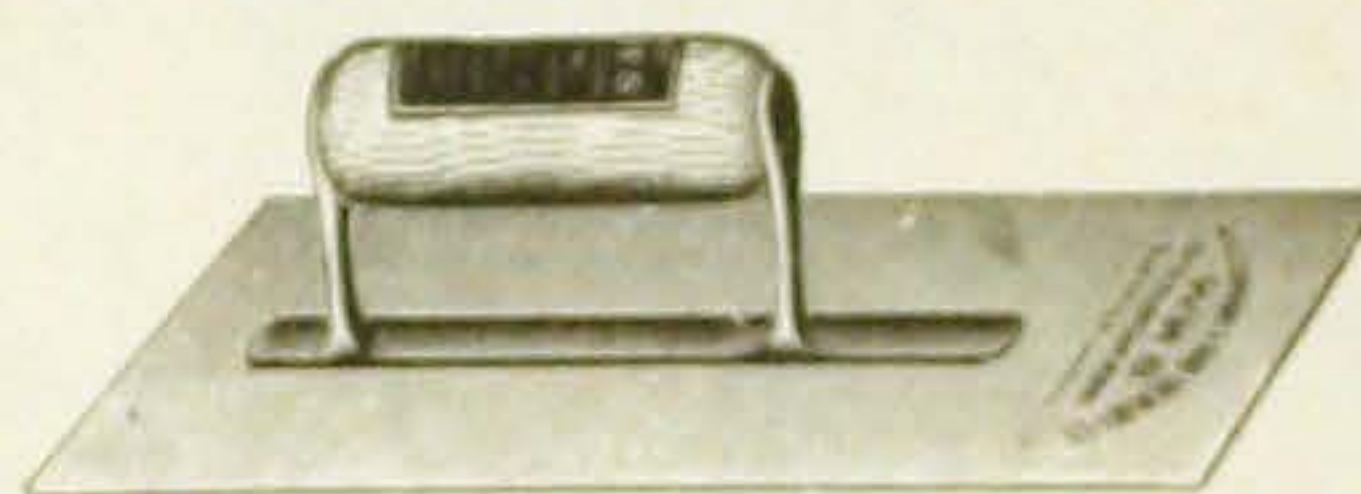
No. PHS 8151
London Trowel. Capped.

	10"	10½"	11"	11½"	12"	12½"	13"
PHS 8150	5/-	5/2	5/4	5/6	5/8	5/10	6/- each.
PHS 8151	5/4	5/6	5/8	5/10	6/-	6/2	6/6 ..

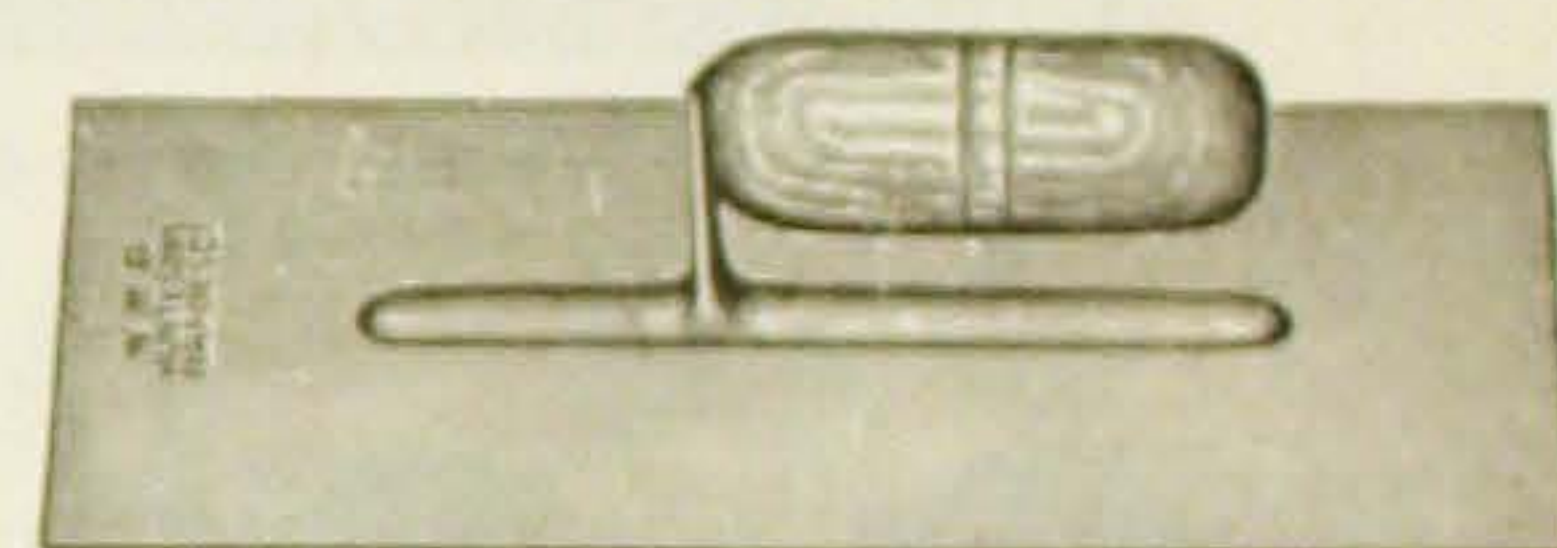


No. PHS 8154
Gauging Trowels.

6"	6½"	7"	7½"	8"
3/6	3/8	3/9	3/10	4/- each.



No. PHS 8156
Plastering Trowel, Double Tang.



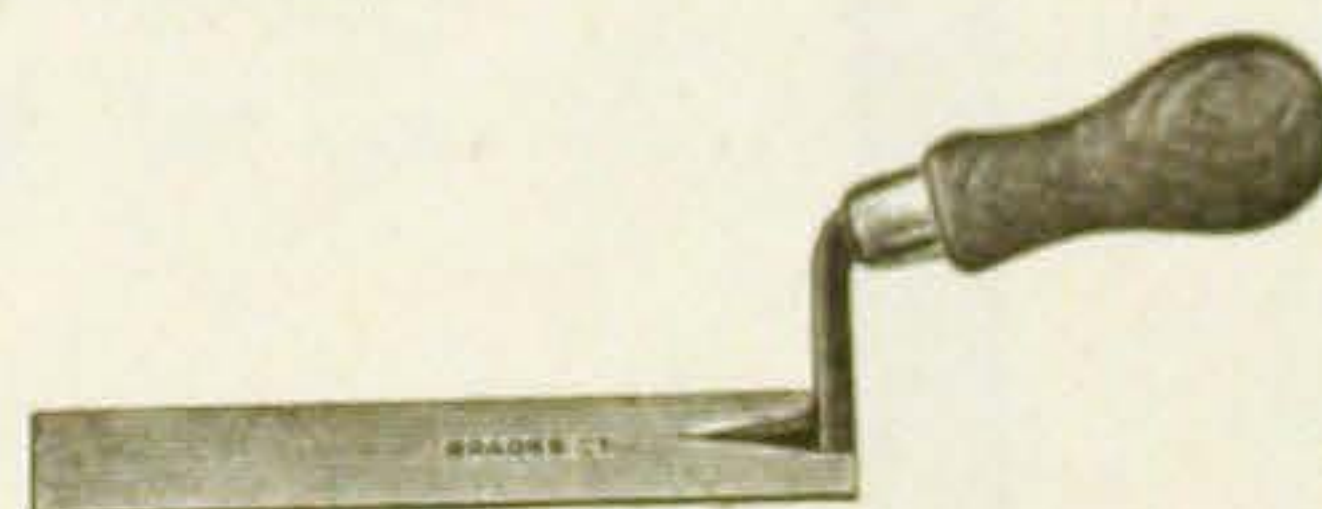
No. PHS 8157
Plastering Trowel, Single Tang.

	11" x 4"	11½" x 4½"	11" x 4½"	12" x 4½"
PHS 8156	5/6	5/9	6/-	6/- each.
PHS 8157	4/8	4/10	5/-	5/- ..



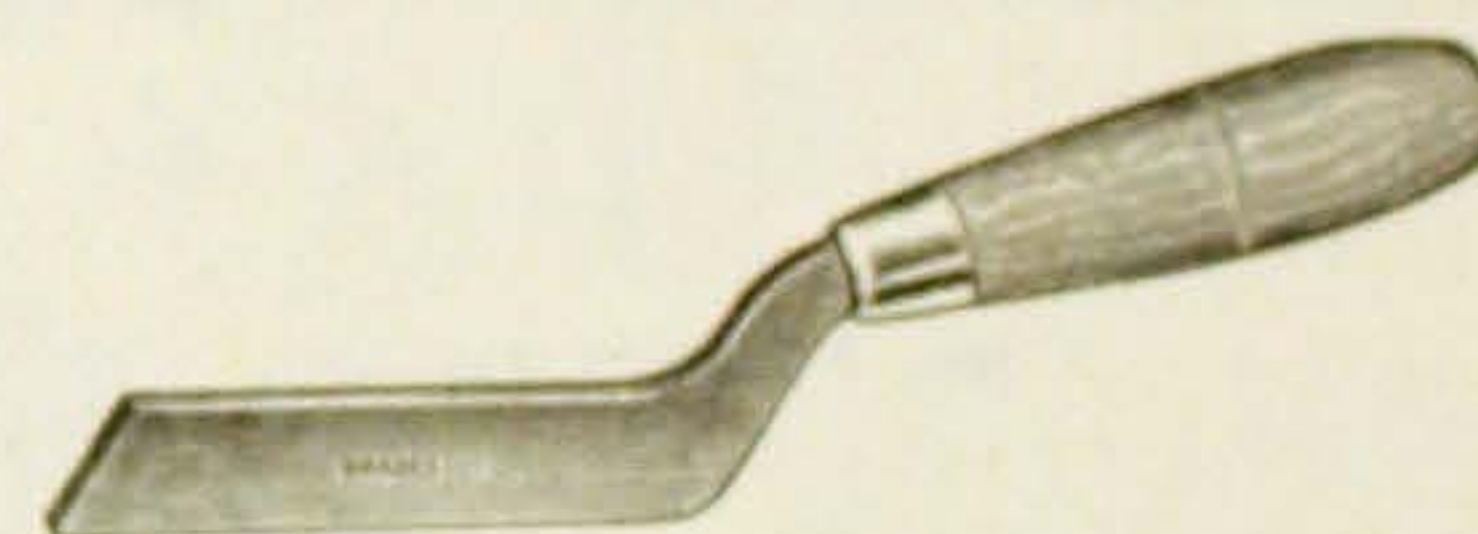
No. PHS 8153 Pointing Trowel.

5"	5½"	6"	6½"	7"	7½"	8"
2/2	2/4	2/6	2/9	3/-	3/2	3/6 each



No. PHS 8152 Moulder's Trowels.

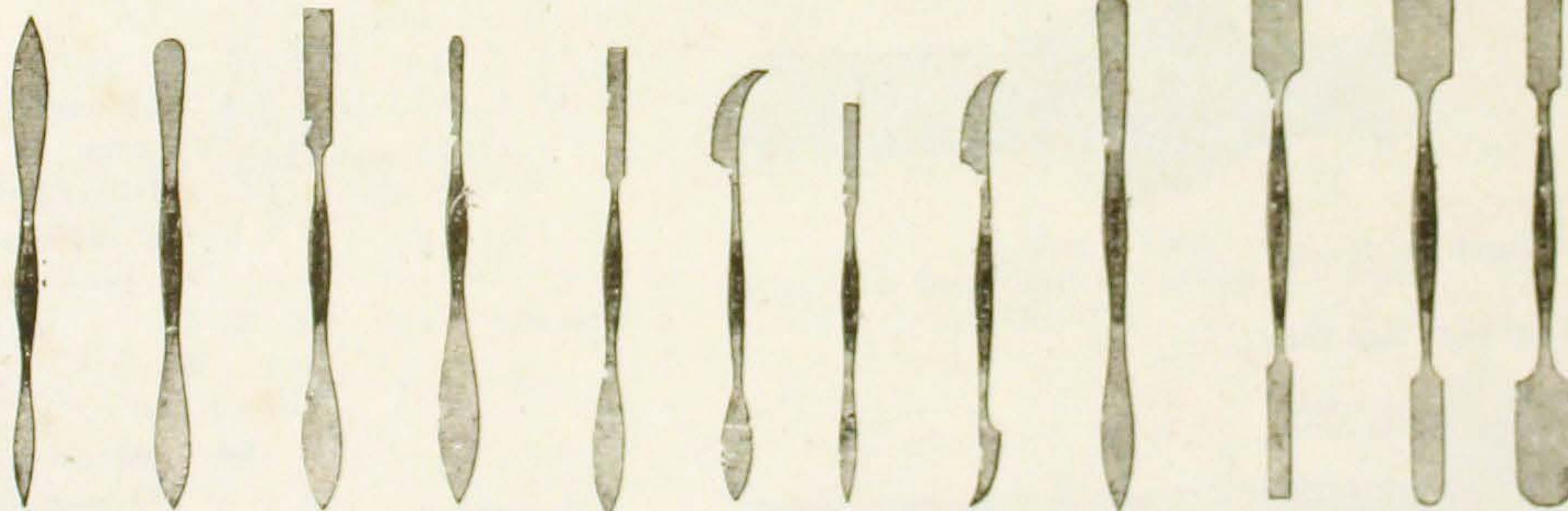
5" x 1"	5½" x 1½"	6" x 1½"
2/4	2/6	2/9 each.



No. PHS 8155 Mason's Jointer.

5" x 1½"	6" x 1½"	7" x 1½"	8" x 1½"
All sizes, 1/6 each.			

PLASTERERS' TOOLS.



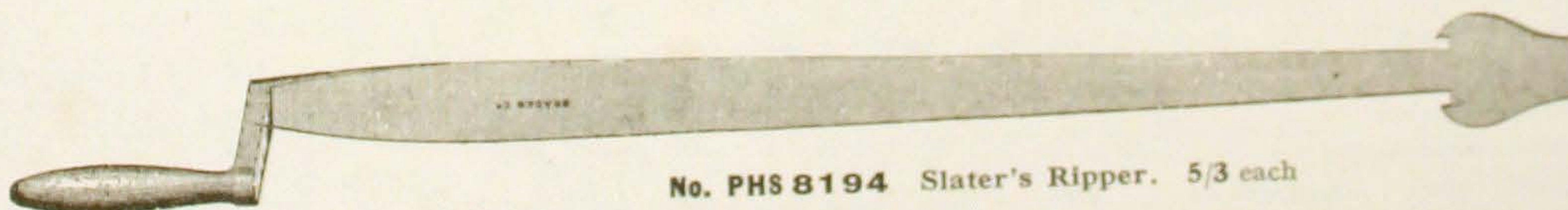
Nos.

PHS 8181 8182 8184 8185 8186 8183 8187 8188 8190 8189 8191 8192

Set of twelve Plasterers' Tools. 27/9 per one doz. set, or 2/6 each.

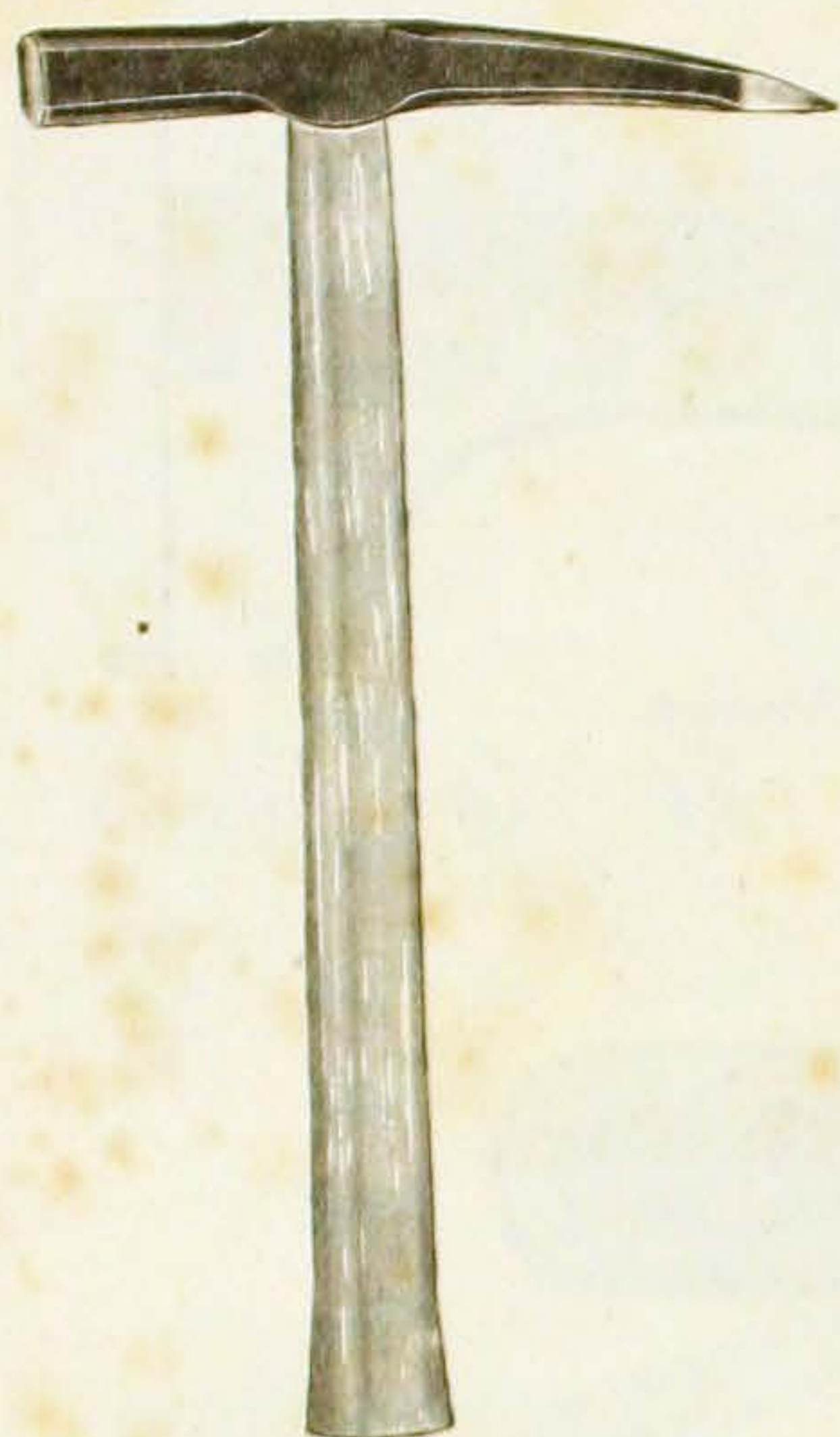
No. PHS 8169
Brick Bolster.
2/6 each.

No. PHS 8195
Mason's Bolster.
2/6 each.



No. PHS 8194 Slater's Ripper. 5/3 each

Hammers



No. PHS 8138
Solid Cast Steel Coal Hammer.

1½	1½	1½	2	2½ lbs.
1/7	1/9	2/-	2/2	2/6 per lb.



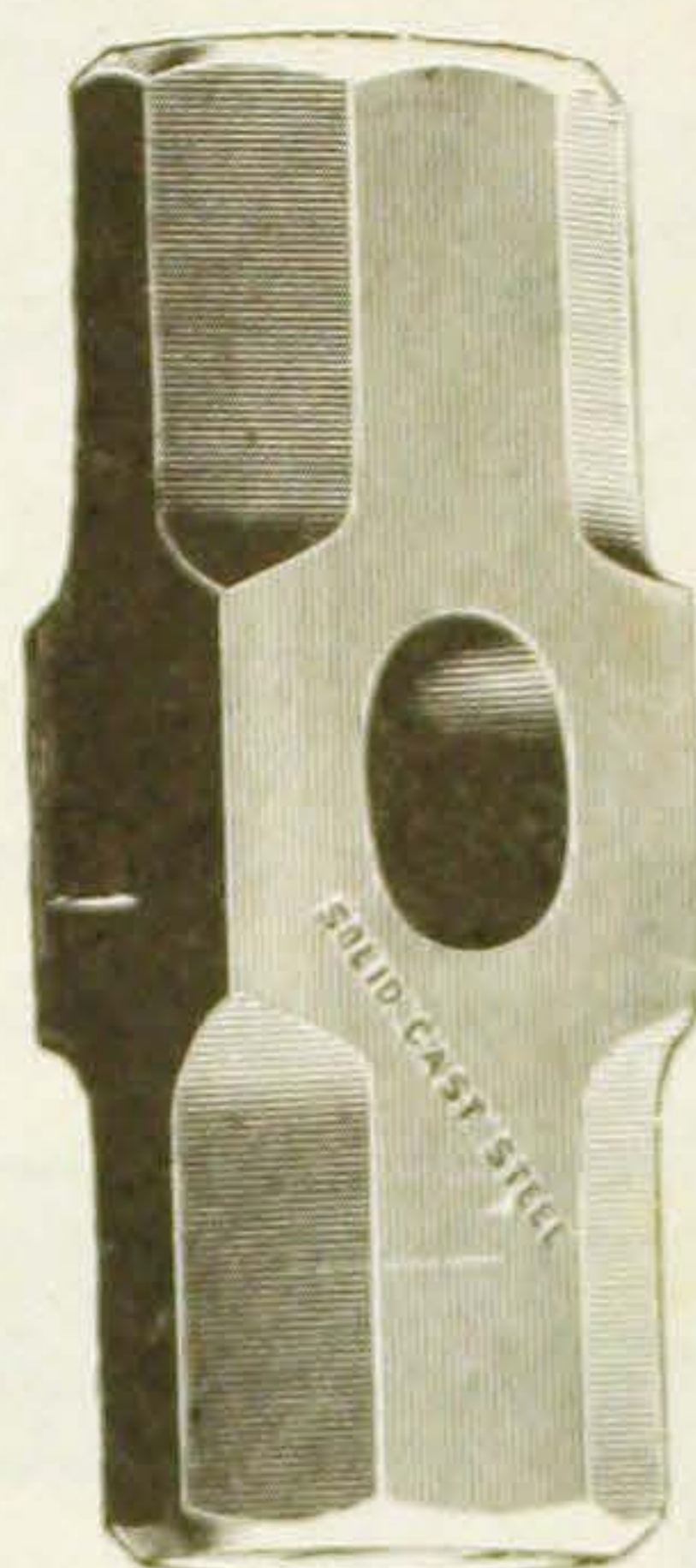
No. PHS 8139
Adze-Eye Nail Claw Hammer.

Size	1	2	3	4
	13	16	20	24 oz.
Polished Steel Head	3/11	4/2	4/7	4/10 each
Oxidized Finish Head	...	4/4	4/7	5/- 5/3 "



No. PHS 8147
Canadian Pattern Wedge Hatchets.

Size	1	2	3	4
	20	24	28	32 oz.
Bright and Black Finish	...	3/2	3/3	3/6 3/11 each.
Oxidized finish	3/9	3/11	4/2	4/7 "

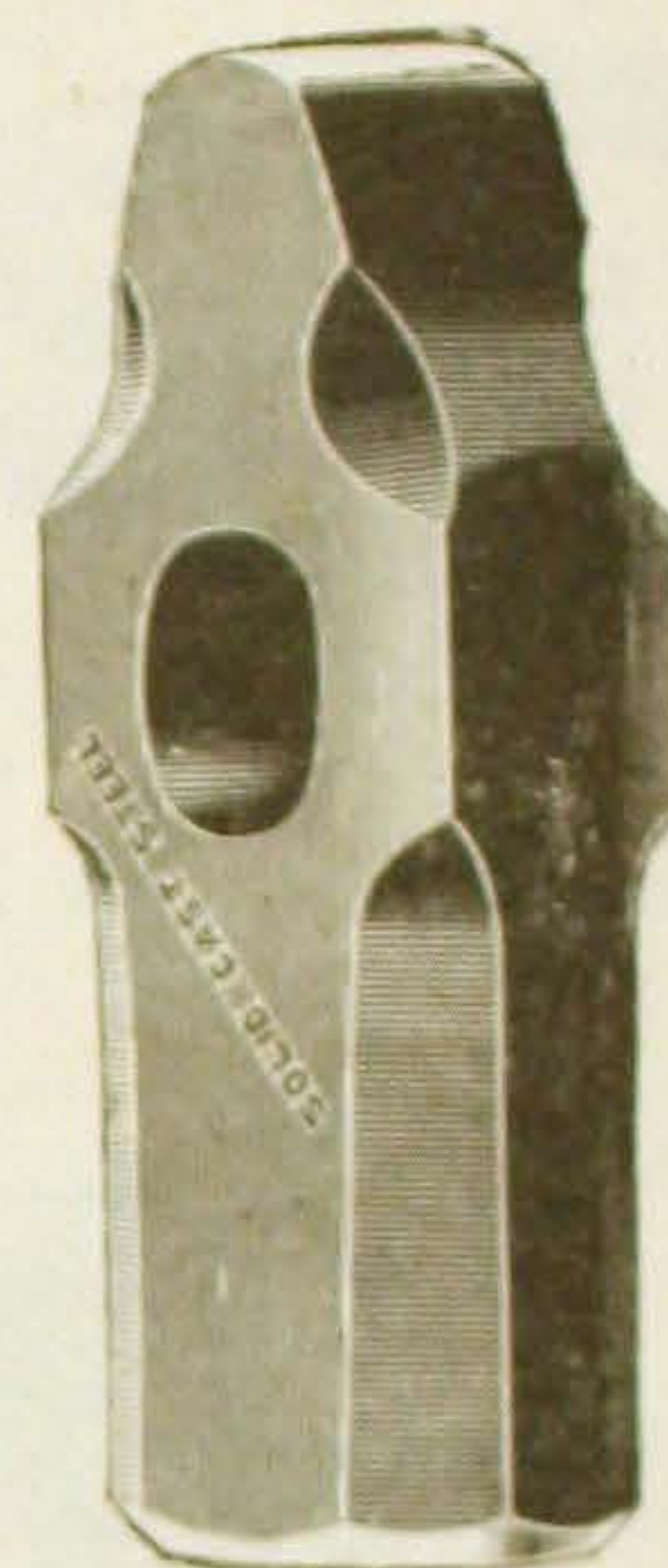


No. PHS 8140
Double Face.

Less than 4 lb.	5 lb.	6 lb. and over
7d.	6d.	5d. per lb.
57/9	52/6	37/9 per cwt.

SLEDGE HAMMERS

SOLID CAST STEEL.



No. PHS 8141
Straight Pane.

Less than 4 lb.	5 lb.	6 lb. and over
8d.	7d.	5d. per lb.
67/-	60/-	46/3 per cwt.



No. PHS 8142 Cross Pane.
Weight of head—

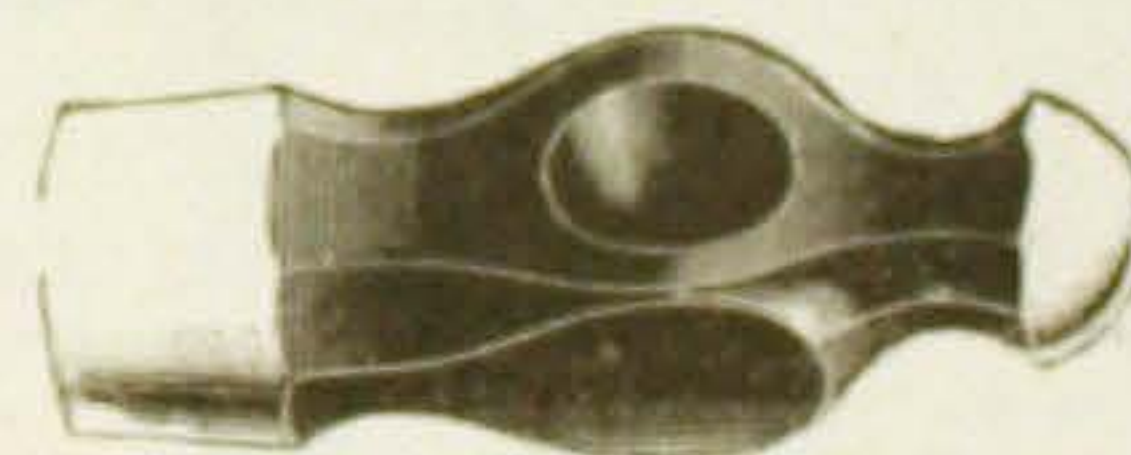
½	¾	1	1½	1½	1½	2 lb.
1/2	1/2	1/4	1/6	1/8	1/11	2/2 each.

ENGINEERS' HAMMERS



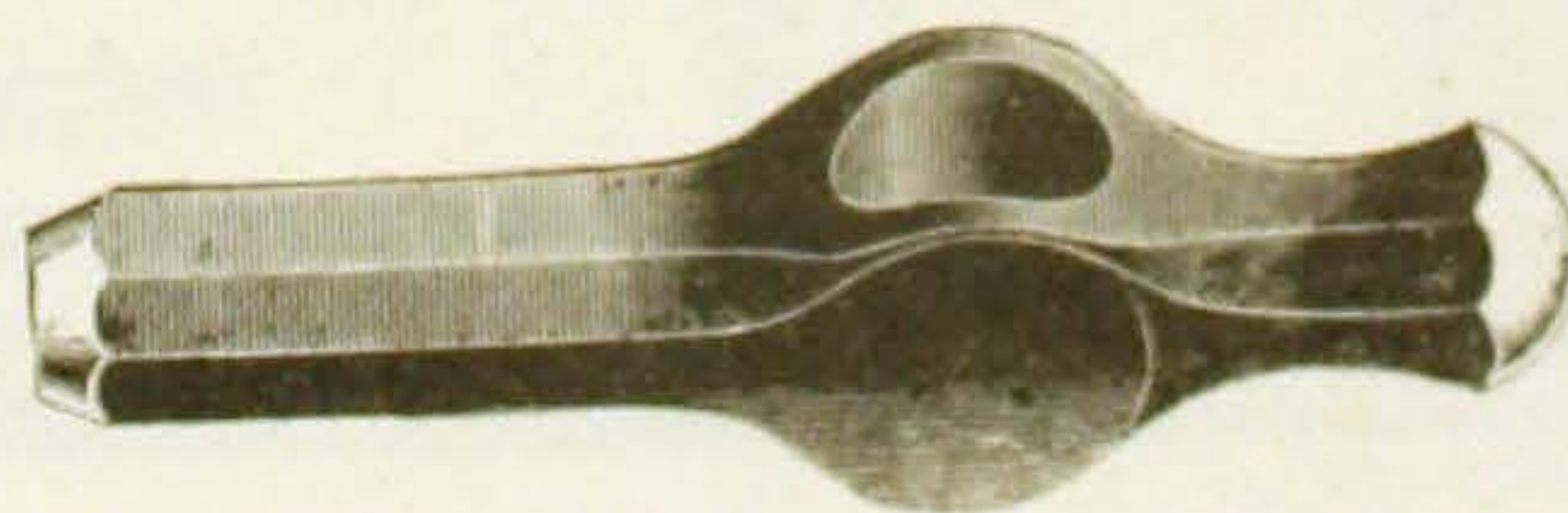
No. PHS 8143 Straight Pane.
Weight of head—

½	¾	1	1½	1½	1½	2 lb.
1/2	1/2	1/4	1/6	1/8	1/11	2/2 each.



No. PHS 8144 Ball Pane.
Weight of Head—

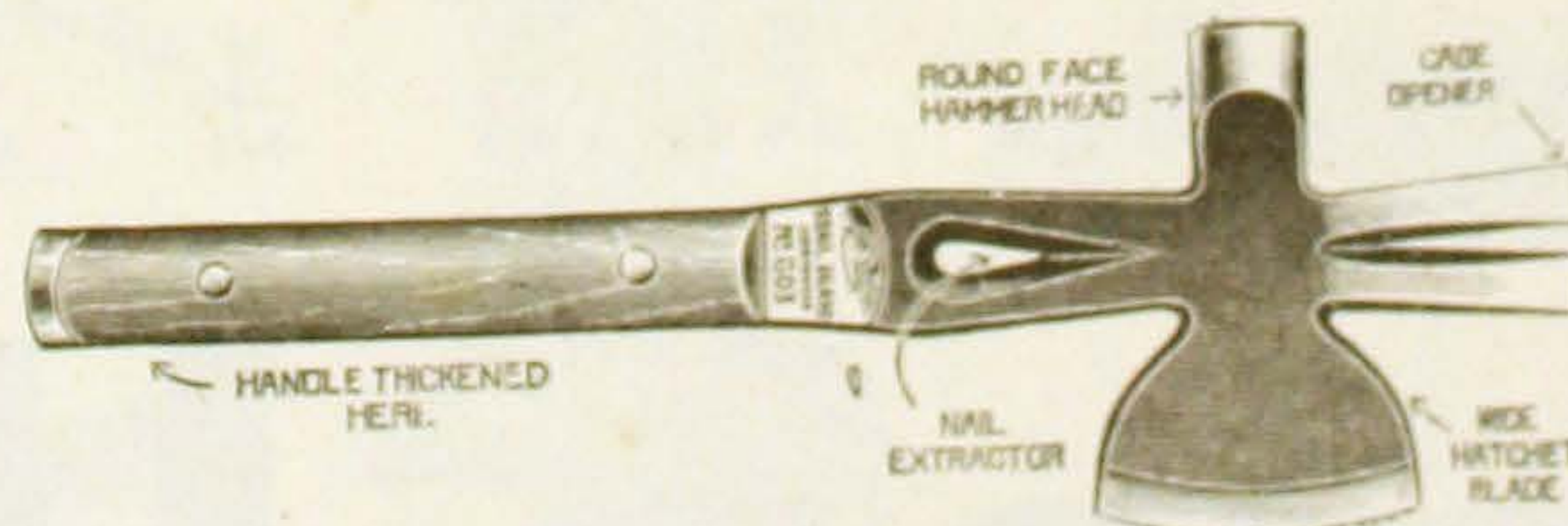
½	¾	1	1½	1½	1½	2 lbs.
1/2	1/2	1/4	1/6	1/8	1/11	2/2 each.



No. PHS 8146
Solid Cast Steel Boiler-Makers' Hammer.
1/6 per lb.



No. PHS 8145
Solid Cast Steel
Platelayer's Keying Hammers.
64/3 per cwt. 7d. per lb.



4 TOOLS IN 1. THE "HANDY" TOOL.
embodies certain advantages in advanced design, viz.: it has a **Better Hatchet Blade**, of larger and better shape and cutting edge, and is 2½" wide over blade. **Better Hammer Head**, with 1" diameter heavy face, and longer neck which allows the Tool to be used as a Hammer on Table surfaces without damaging your knuckles. **Better Handle**, this is tapered thicker towards the bottom end, thus preventing it slipping out of your hand. Made of best Beech. **Better to Grip**, being made overall a heavier tool, now 1½ lb. weight, it affords a firmer grip and is "something to hold on to."

Handy Tool. PHS 8148.

It is a Practical Tool in every respect, and is invaluable for use in Home, Business, Office, Works, Warehouse, Packing Room, Shop, Garden, Farm, Camp, Boat, Car, and for Scout's use—in fact, for every use to which a Hammer, Hatchet, Case Opener and Nail Extractor can be put, while its strong "leverage" abilities are additionally most useful.

Price, Black Finish, 5/- each.
Bright Finish, 6/6 each.
Every one warranted.

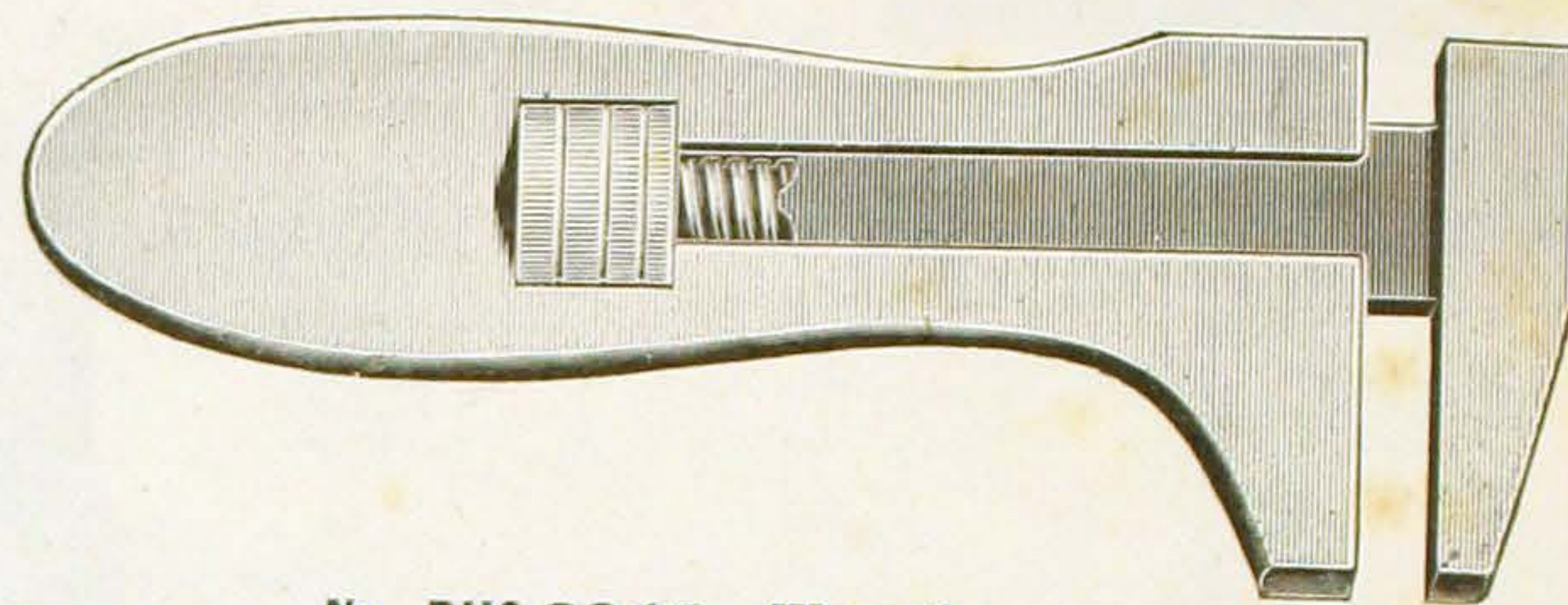
"A" Basis.

Wrenches and Spanners



No. PHS 8310 Girder Wrench.

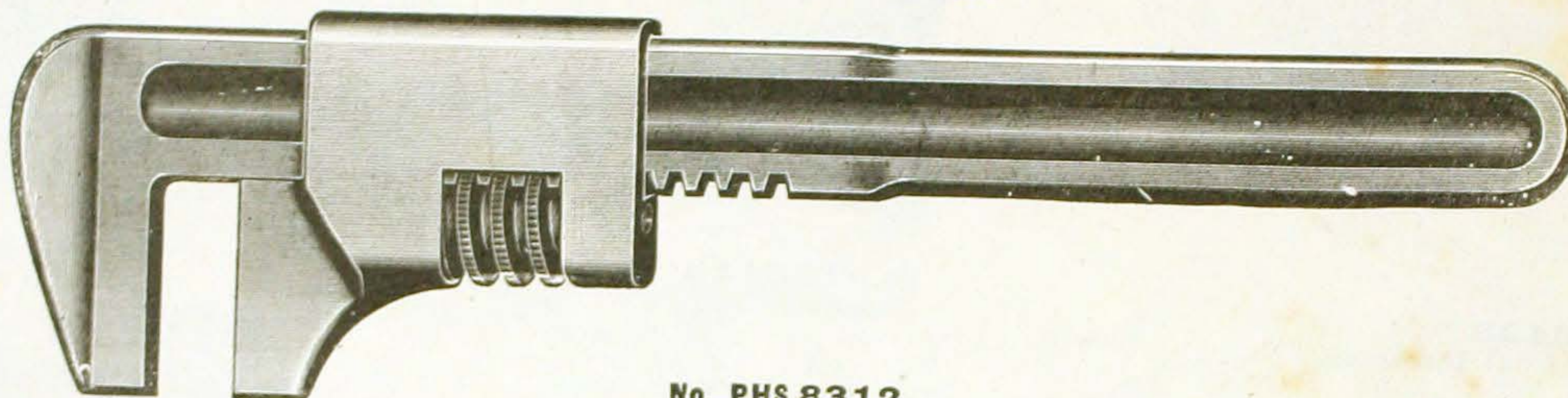
No. PHS 8310	...	3 1/4"	4 1/2"	6"	7 1/4"
		1/6	2/-	3/4	4/9 each.



No. PHS 8311 Wrench.

No. PHS 8311	...	2 7/8"	4"	6"	9"
		2/3	3/2	4/6	12/3 each.

AUTOMOBILE WRENCH.

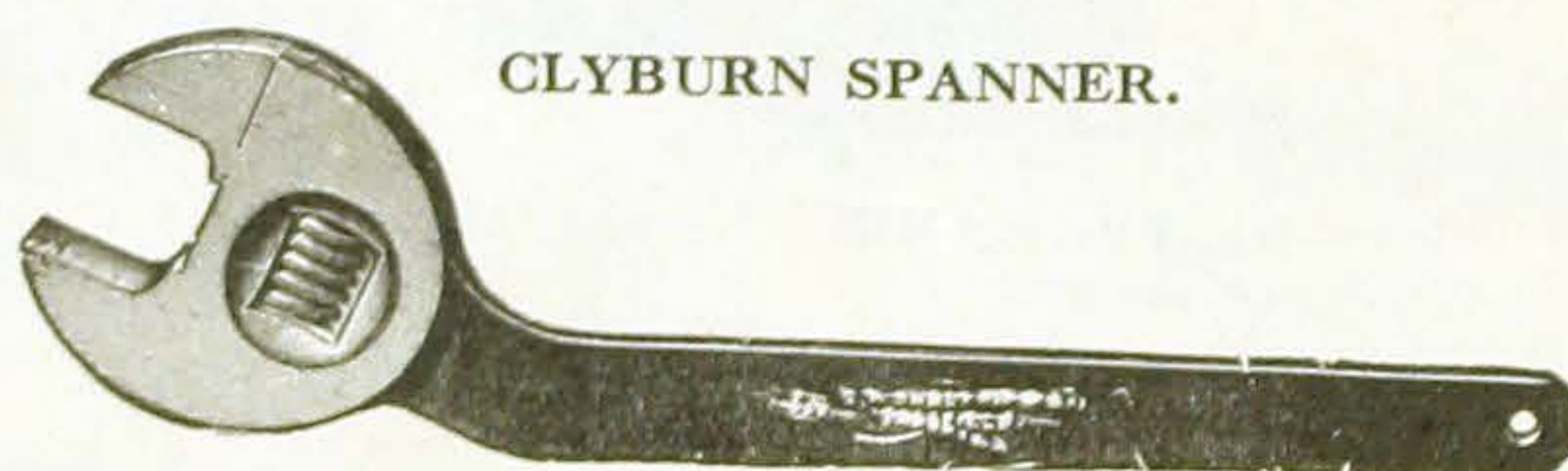


No. PHS 8312

Made from Dropped Forged Steel. Case Hardened Finish. End of Sliding Jaw shaped for use as a Tyre Remover. Jaws open 2".

No. PHS 8312	...	7 1/2"	9 1/2"	11 1/2"	14"
		1/-	1/8	2/6	6/6 each.

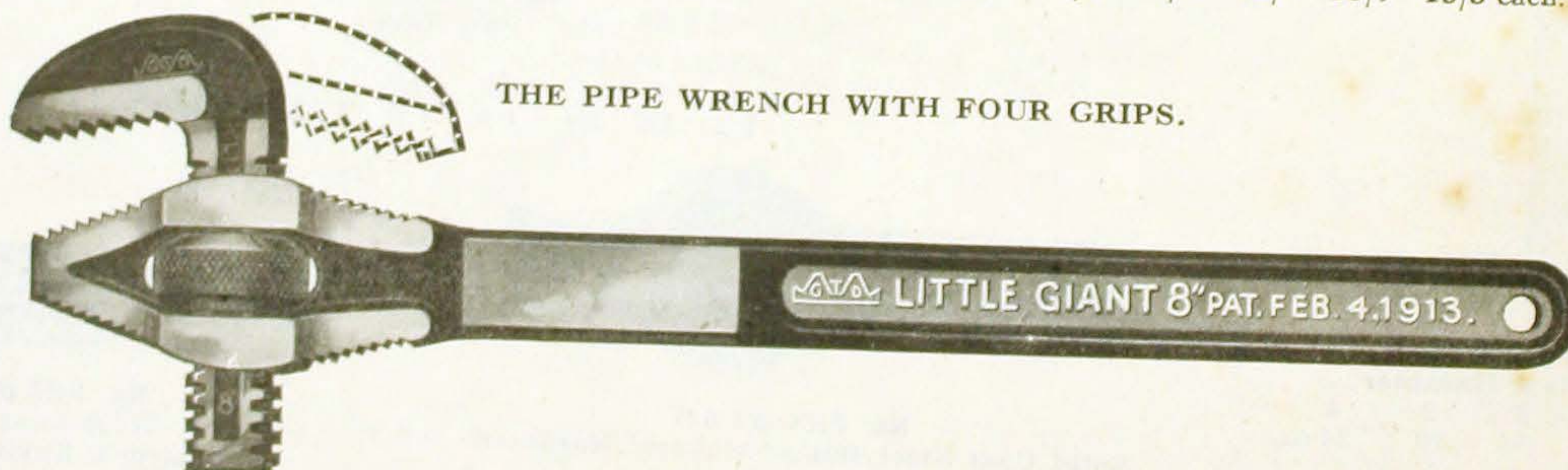
CLYBURN SPANNER.



No. PHS 8313

All sizes up to 16" are Drop Forged. Larger sizes have Malleable Handle and Hard Steel Jaws.

Sizes	...	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
Opens to	...	5/8"	7/8"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
No. PHS 8313	...	3/-	3/3	4/3	5/3	6/3	7/9	9/6	12/-	13/9	15/3 each.

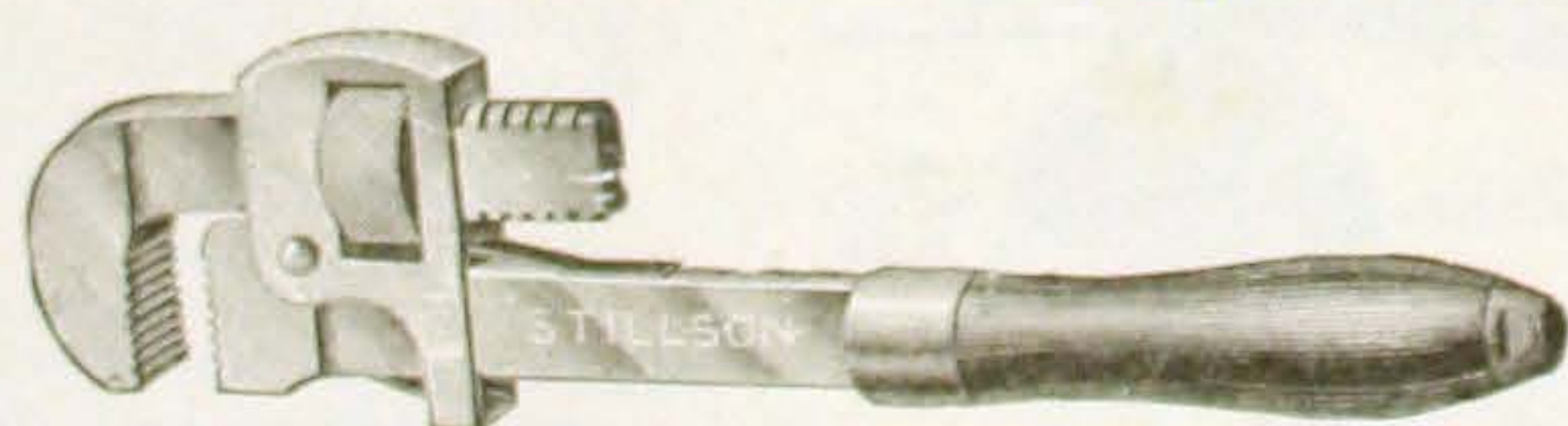


THE PIPE WRENCH WITH FOUR GRIPS.

No. PHS 8315

Takes Pipes up to	...	8"	10"	14"	18"	24"
No. PHS 8315	...	3/9	4/2	5/9	8/6	12/3 each.

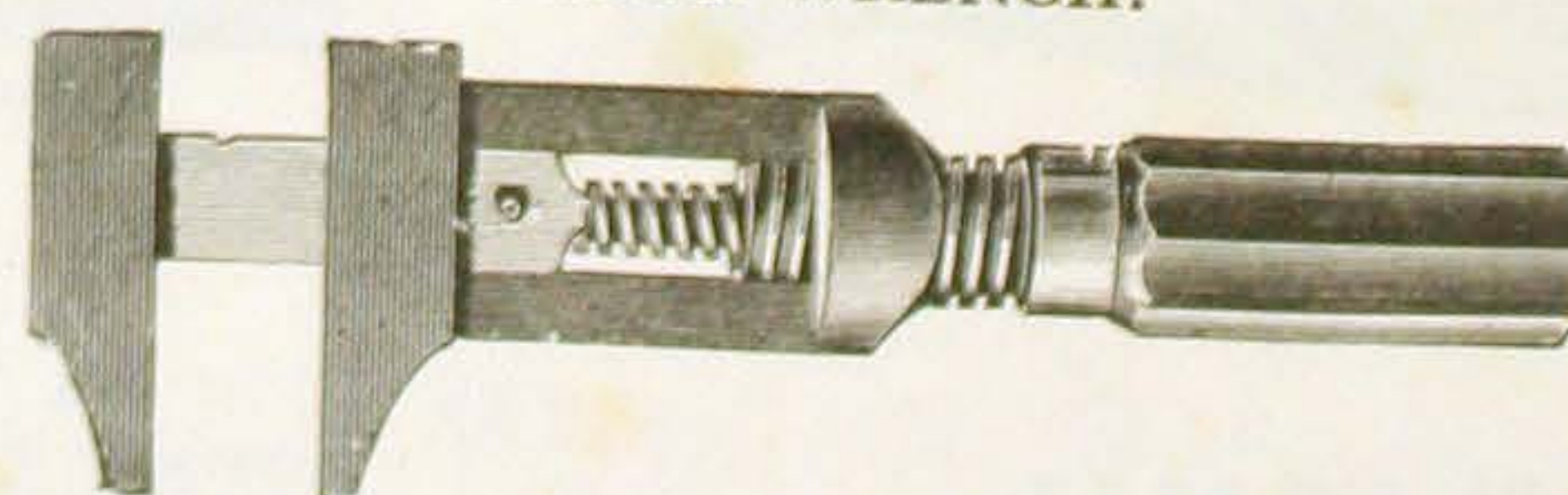
STILLSON'S PATENT PIPE WRENCH.



No. PHS 8314 Wood Handles. 6" to 14"

Length open, in ins.	...	6"	8"	10"	14"
Takes from	...	1/2" wire	1/2" wire	1/2" wire	1/2" wire
		to	to	to	to
No. PHS 8314	...	3/9	4/2	4/8	6/3 each.

COACH WRENCH.



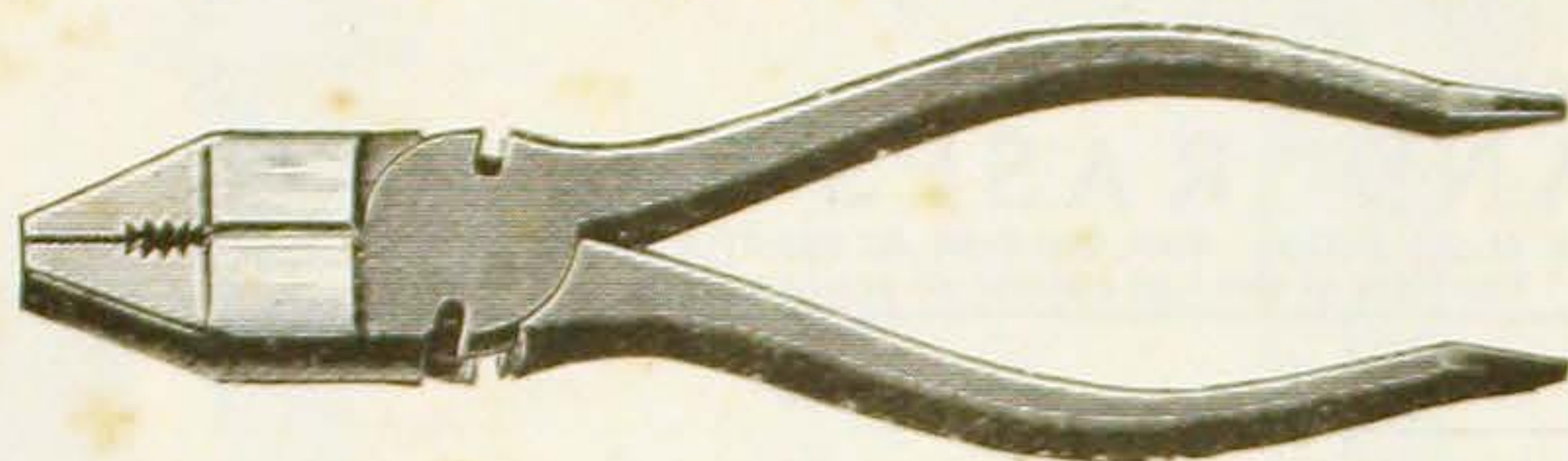
No. PHS 8316 Double Bar. Best Drop Forged. Extra Heavy.

Sizes	...	8"	9"	10"	12"	14"	16"
Opens to	...	1 1/2"	2"	2 1/2"	3 1/4"	3 1/2"	4"
No. PHS 8316	...	5/3	6/-	6/9	9/-	10/-	13/6 each.

"A" Basis.

All PHS—Stock Lines.

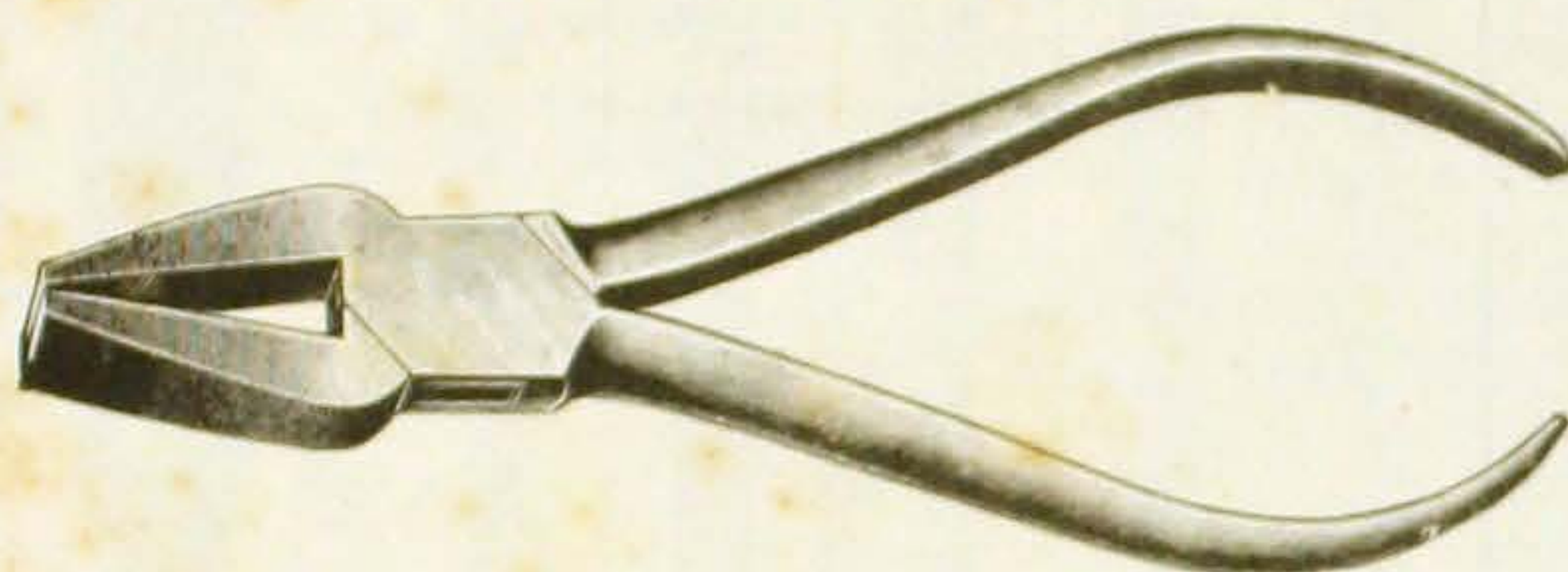
Pliers, Pincers, Nippers, etc.



No. PHS 8317A COMBINATION PLIERS. Square Nose.
Circle Joint, Solid drop forged steel, jaws and nose full polished. Burner Hole, Raised Side Cutter, Knurled Handles.

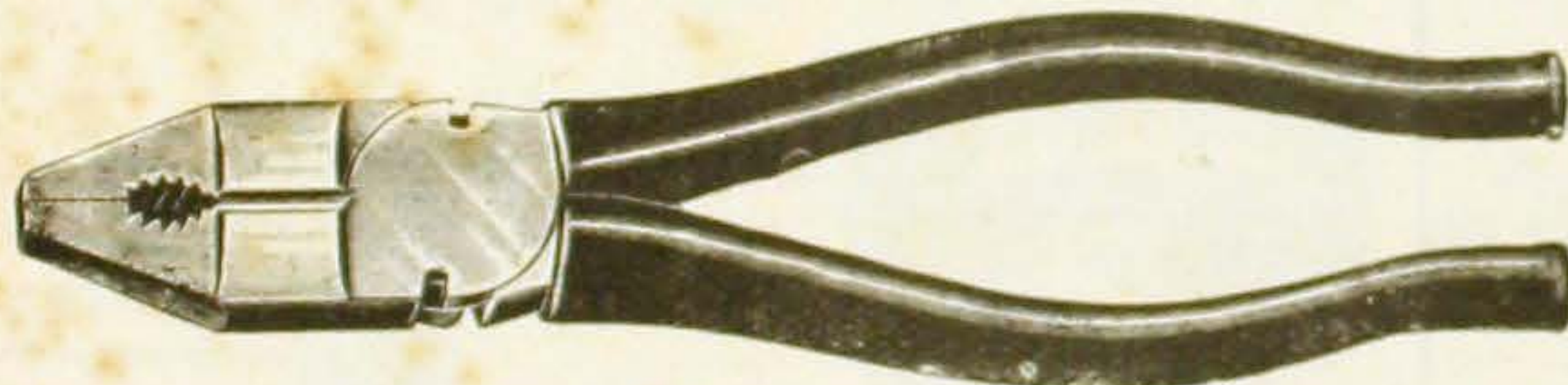
	5½"	6"	7"	8"	9"	10"
No. PHS 8317A ...	1/3	1/6	1/9	2/-	2/3	2/8 each.
No. PHS 8317B Is similar to PHS 8317A, has straw coloured jaws and polished Hdl's....	1/6	—	—	—	—	—
No. PHS 8317C is similar to PHS 8317A but cheaper quality ...	—	1/-	—	—	—	—

GLASS PLIERS.



No. PHS 8319 ... 6" 7" 8"
... 2/4 2/11 3/6 each.

ELECTRICIANS' INSULATED PLIERS.



Handles tested to withstand 5,000 volts.

No. PHS 8322 ... 5½" 6" 7" 8"
... 1/9 2/2 2/6 2/9 each.

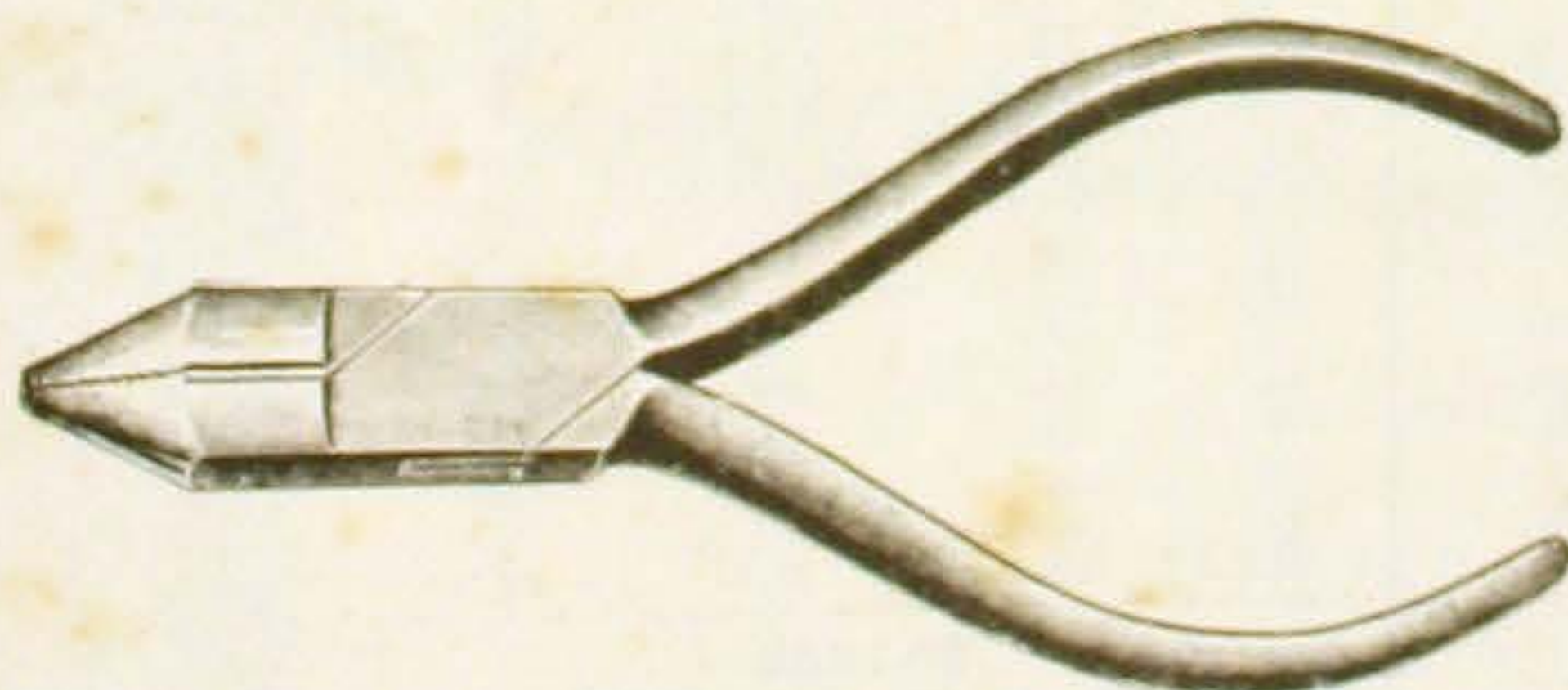
TOWER PINCERS.



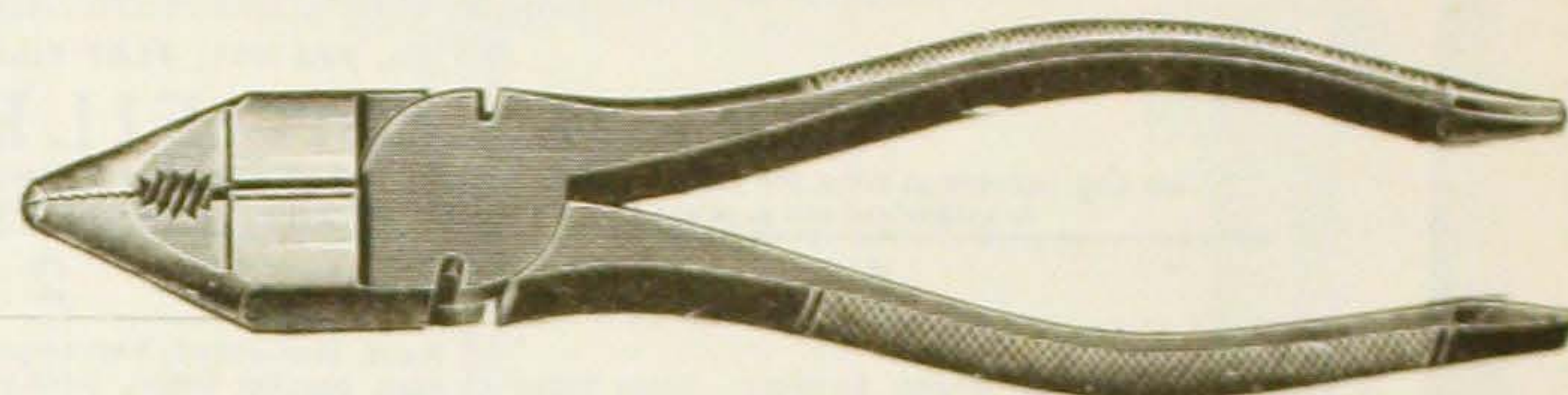
Best Drop Forged Steel, Heavy English Pattern. Bevelled Jaws. Fully Warranted.

No. PHS 8324A ... 6" 7" 8" 9" 10"
... 1/- 1/2 1/6 1/9 2/3 each.
No. PHS 8324B ... 9d. 1/- — — —
The latter is a lighter pattern.

MILLINERS' PLIERS.



No. PHS 8325 ... Taper Nose.
... 4" 4½" 5"
... 1/1 1/2 1/4 each.

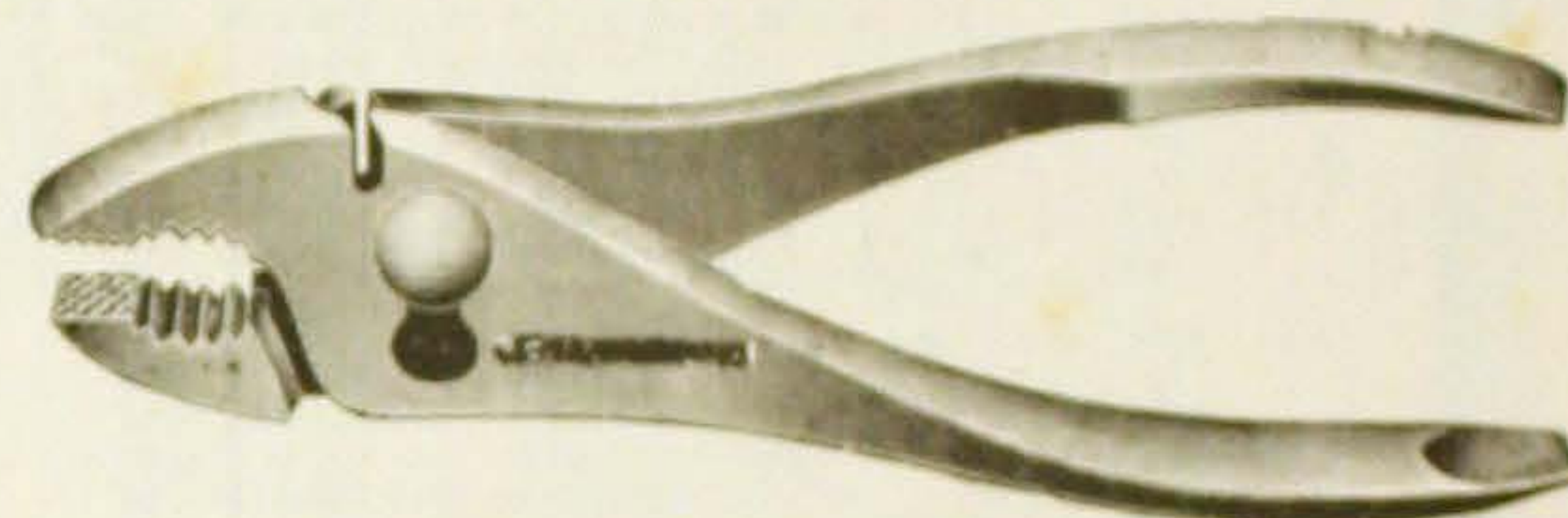


COMBINATION PLIERS. Round Nose.

	5½"	6"	7"	8"	9"	10"
No. PHS 8318A ...	1/3	1/6	1/9	2/-	2/3	2/8 each.
*No. PHS 8318B ...	1/8	1/11	2/3	2/6	—	—
*No. PHS 8318C ...	1/8	1/11	2/3	2/6	—	—

*These two patterns are oxidized, or as it is commonly termed, gun-metal finish, a process which imparts a beautiful blue black finish to the entire surface.

SLIP-JOINT GAS PLIERS.



Can be instantly changed for use on either large or small tube. Wirecutter at side, Screwdriver at end of Handle. Hand-forged from Best Steel, Oil tempered.

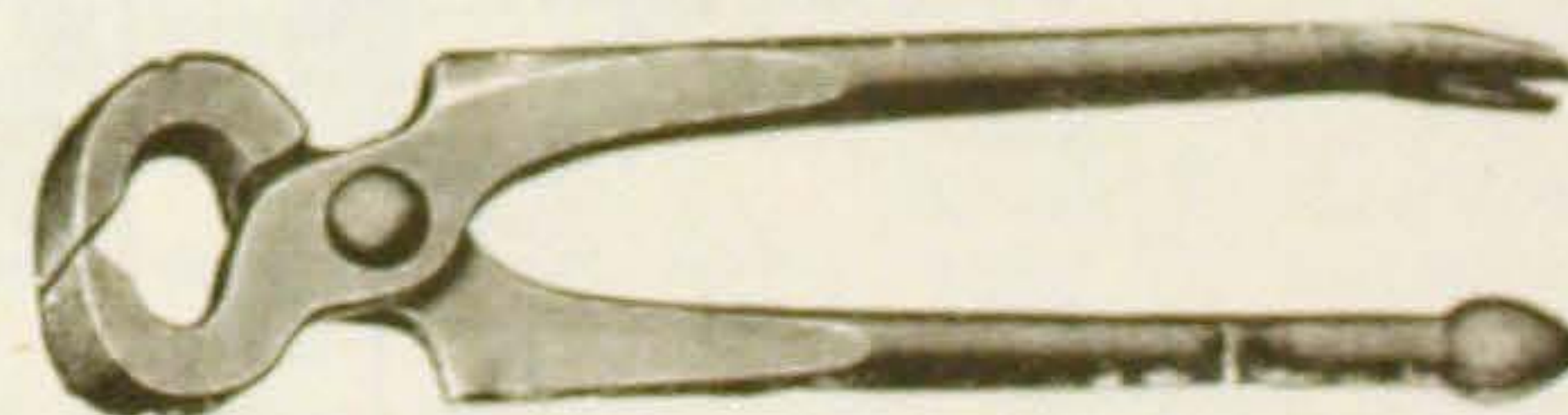
No. PHS 8320
Black ... 1/3 each. Nickel Plated ... 1/11 each.

SCOTCH PATTERN GAS PLIERS.



No. PHS 8321 ... 6" 7" 8" 9" 10"
... 1/1 1/3 1/6 1/9 2/4 each.

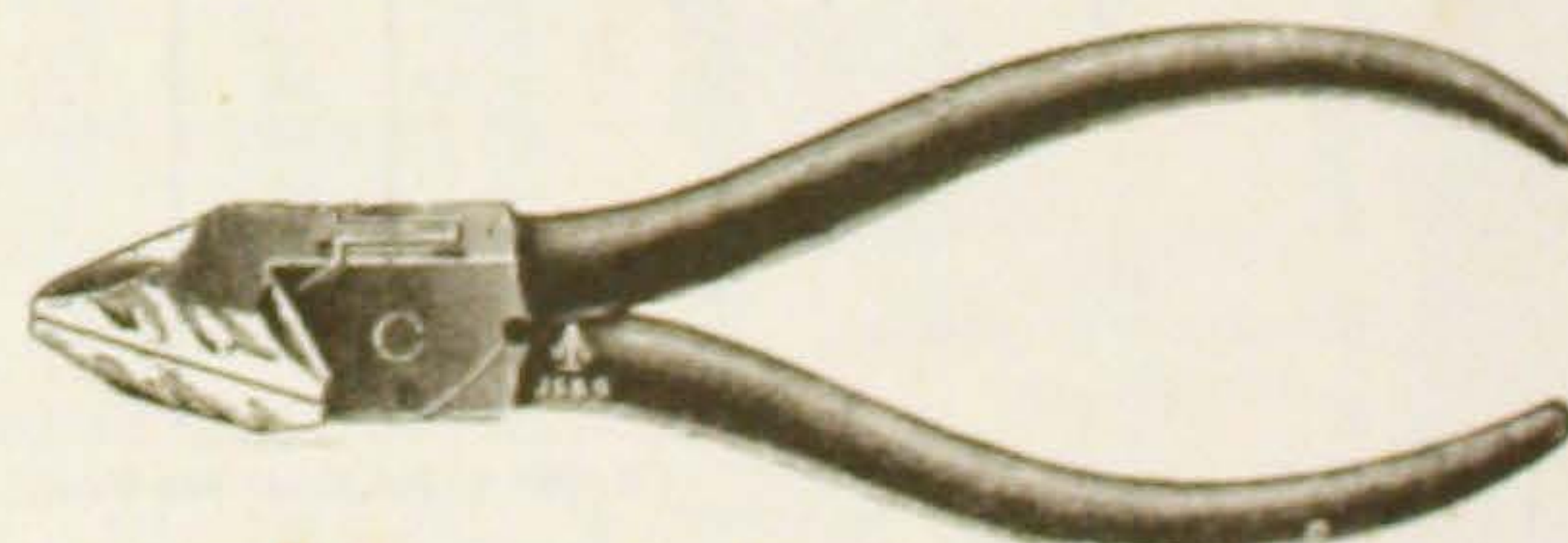
SHOULDERED PATTERN PINCERS.



All Bright, Shouldered Pattern, Warranted Forged Steel. Bevelled Jaws.

No. PHS 8323 ... 5½" 6" 6½" 7" 7½" 8"
... 1/- 1/3 1/4 1/6 1/8 1/9 each.

SIDE CUTTING NIPPERS.



No. PHS 8327 ... 2/2 each.

LANGASHIRE PATTERN CUTTING NIPPERS.

(Not illustrated).
No. PHS 8328 ... 5" 5½" 6" 7"
... 2/- 2/2 2/4 2/10 each.

EXTRA CUTTERS for Expansive Bits.

EXPANSIVE BITS.
Clarke-Brown Model.
No. PHS 8326
Small. Large.
6/9 each. 9/9 each.

Nos.	1	2	3	4	5	6
Cuts from	1" - 1½"	1½" - 1¾"	1¾" - 2"	2" - 2½"	2½" - 3"	3" - 3½"
	1/3	1/6	2/-	2/6	3/6	4/6 each.

"A" Basis.

No. PHS 7961 FLAT FILE, BASTARD.

PRICES OF FILES AND RASPS

This List adopted as from the 1st November, 1915, at a Meeting of File Manufacturers, held at the Cutlers' Hall, Sheffield, on the 27th October, 1915, is authorized and published by the Cutlers' Company as the Official Standard List. The issue of this List cancels all previous Lists.

1					2					3				
Flat, Square, Round, Entering. Taper Cotter Files. Mill Saw Files, Two Square Edges, Single Cut.					Hand, Half-round, Three-square, equalling one safe edge, parallel Cotter, Slotting, Pillar, Warding or extra Thin Flat, Needle, Round-off, Bone, Pottance, Coffin Files. Topping Files, two square edges, Single Cut.					Hand and Equalling Cut both edges or with one Double cut edge, lock, arch, riffer, tumbler, oval saw, pin, and cant Files.				
Rough & Bastard	2nd Cut	Smooth	Dead Smooth.		Rough & Bastard	2nd Cut	Smooth	Dead Smooth.		Rough & Bastard	2nd Cut	Smooth	Dead Smooth.	
Per dozen	Per dozen	Per dozen	Per dozen		Per dozen	Per dozen	Per dozen	Per dozen		Per dozen	Per dozen	Per dozen	Per dozen	
1" to 4"	7/-	8/3	9/6	14/6	1" to 4"	8/6	9/9	11/6	17/6	1" to 4"	9/6	10/9	12/6	18/9
4 1/2"	7/6	9/-	10/3	16/-	4 1/2"	9/6	10/9	12/6	18/9	4 1/2"	10/6	11/9	13/6	20/3
5"	8/-	9/9	11/-	17/6	5"	10/6	11/9	13/6	20/3	5"	11/6	12/9	14/6	21/9
5 1/2"	8/6	10/6	11/9	19/-	5 1/2"	11/6	12/9	14/6	21/9	5 1/2"	12/6	13/9	15/6	23/3
6"	9/-	11/3	12/6	20/6	6"	12/6	13/9	15/6	23/3	6"	13/6	15/-	16/6	25/-
6 1/2"	9/6	12/-	13/3	22/-	6 1/2"	13/6	15/-	16/6	25/-	6 1/2"	14/6	16/3	17/9	26/9
7"	10/-	12/9	14/-	23/6	7"	14/6	16/3	17/9	26/9	7"	15/6	17/6	19/-	28/6
7 1/2"	11/-	13/9	15/3	25/-	7 1/2"	15/6	17/6	19/-	28/6	7 1/2"	16/6	18/9	20/3	30/6
8"	12/-	14/9	16/6	26/6	8"	16/6	18/9	20/3	30/6	8"	17/6	20/-	21/6	32/3
8 1/2"	13/-	15/9	17/9	28/-	8 1/2"	17/6	20/-	21/6	32/3	8 1/2"	18/6	21/3	22/9	34/3
9"	14/-	16/9	19/-	29/6	9"	18/6	21/3	22/9	34/3	9"	19/6	22/6	24/-	36/-
9 1/2"	15/-	17/9	20/3	31/-	9 1/2"	19/6	22/6	24/-	36/-	9 1/2"	20/6	23/9	25/6	38/6
10"	16/-	19/-	21/6	32/6	10"	20/6	23/9	25/6	38/6	10"	21/6	25/-	27/-	40/6
10 1/2"	17/-	20/3	22/9	34/-	10 1/2"	21/6	25/-	27/-	40/6	10 1/2"	23/-	26/3	28/6	42/9
11"	18/6	21/6	24/-	36/-	11"	23/-	26/3	28/6	42/9	11"	24/6	27/6	30/-	45/-
11 1/2"	20/-	22/9	25/3	38/-	11 1/2"	24/6	27/6	30/-	45/-	11 1/2"	26/-	28/9	31/6	47/6
12"	21/6	24/-	26/6	40/-	12"	26/-	28/9	31/6	47/6	12"	28/-	30/-	33/-	50/-
12 1/2"	23/-	25/6	28/-	42/-	12 1/2"	28/-	30/-	33/-	50/-	12 1/2"	30/-	33/-	36/-	54/-
13"	25/-	27/-	30/-	45/-	13"	30/-	33/-	36/-	54/-	13"	33/-	36/-	39/-	59/-
14"	30/-	33/-	36/-	54/-	14"	36/-	39/-	42/-	63/-	14"	39/-	43/-	48/-	70/-
15"	36/-	39/-	42/-	63/-	15"	43/-	47/-	52/-	78/-	15"	46/-	51/-	58/-	86/-
16"	43/-	47/-	52/-	78/-	16"	50/-	55/-	63/-	94/-	16"	55/-	60/-	67/-	102/-
17"	50/-	55/-	63/-	94/-	17"	60/-	65/-	74/-	111/-	17"	64/-	70/-	79/-	118/-
18"	60/-	65/-	74/-	111/-	18"	68/-	75/-	84/-	126/-	18"	74/-	82/-	91/-	138/-
19"	68/-	75/-	84/-	126/-	19"	81/-	89/-	99/-	149/-	19"	87/-	95/-	106/-	160/-
20"	81/-	89/-	99/-	149/-	20"	93/-	101/-	113/-	170/-	20"	100/-	108/-	120/-	180/-
21"	93/-	101/-	113/-	170/-	21"	106/-	115/-	128/-	192/-	21"	114/-	123/-	136/-	206/-
22"	106/-	115/-	128/-	192/-	22"	121/-	132/-	146/-	220/-	22"	131/-	141/-	156/-	236/-
23"	121/-	132/-	146/-	220/-	23"	140/-	151/-	166/-	250/-	23"	150/-	161/-	182/-	274/-
24"	140/-	151/-	166/-	250/-	24"	159/-	172/-	188/-	282/-	24"	168/-	182/-	208/-	312/-

EXTRAS.

Mill Saw, double cut, advance 1"
 " " one round edge, advance 1/2"
 " " two round edges, advance 1"
 Flat, one round edge, advance 1/2"
 " two round edges, advance 1"

EXTRAS.

Flat-back and High-back Half-round, advance 1/2"
 Bellied Three-square, advance 1"
 Equalling and Cotter, extra thin, advance 1"
 Cotter, Slotting and Pillar, one round edge, advance 1/2"
 Needle exceeding breadth of Hand, advance 1/2"
 Round-off with points, advance 1"
 Topping, cut to point, advance 1/2"
 " double cut, advance 1"
 " one round edge, advance 1/2"
 " two round edges, advance 1"

EXTRAS.

Hand and Equalling, one round edge, advance 1/2"
 two round edges, advance 1"
 Equalling, cut both edges, extra thin, advance 1"
 Feather Edge and Knife, advance 2"
 Taper Crossing, advance 2"

Special Terms
on request.

All PHS—
Stock Lines.

4				5		6		7		8		9							
Taper Saw Files ; If cut to point, advance 1". Cross Cut Saw Files.				Blunt, Cant and Segment Saw Files		Blunt 2nd cut Dble. and Taperband Saw Files 2nd*cut Single.		Pit or Frame Saw Files and Gulleting. (Frame Equalling Advance 3") (Taper Frame Saw Files, advance 1").		RASPS.									
2nd cut Single.		2nd cut Double.		Smooth Single, Dble. cut Advance 1/2".		2nd cut Single.		2nd cut Single.		2nd cut Double.		Flat, Half-Round and Round Rasps.							
Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Horse Rasps		Rough and Bastard ; also Plain ShoeRasps.		2nd Cut.		Smooth also Cabinet Files and Rasps.	
Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen		Per dozen	
1"-3 1/2"	7/-	8/-	8/3	8/6	10/6	7/6	8/6	4"	4 1/2"	5"	5 1/2"	6"	6 1/2"	7"	7 1/2"	8"	8 1/2"	9"	9 1/2"
4"	7/3	8/3	8/9	9/6	12/-	8/6	9/6	10 1/2"	11"	11 1/2"	12"	12 1/2"	13"	14"	15"	16"	17"	18"	19"
4 1/2"	7/6	8/9	9/9	10/6	13/6	9/6	10/6	17"	18"	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"
5"	8/3	9/9	11/-	12/-	15/6	10/6	12/-	29"	30"	31"	32"	33"	34"	35"	36"	37"	38"	39"	40"
5 1/2"	9/3	11/-	12/6	13/6	17/6	12/-	13/-	41"	42"	43"	44"	45"	46"	47"	48"	49"	50"	51"	52"
6"	10/9	12/6	13/9	15/6	19/6	13/6	14/6	53"	54"	55"	56"	57"	58"	59"	60"	61"	62"	63"	64"
6 1/2"	12/-	13/9	15/-	17/6	21/6	14/6	16/-												
7"	13/6	15/-	16/6	19/6	24/-	16/-	17/6												
7 1/2"	15/-	16/6	18/-	21/6	26/6	18/-	19/6												
8"	17/-	18/-	20/-	24/-	29/-	20/-	22/-												
8 1/2"	19/-	20/-	22/6	26/-	31/-	22/6	24/-												
9"	21/6	22/6	26/-	29/-	34/-	25/-	27/-												
10"	24/-	26/-	31/-	35/-	40/-	31/-	33/-												
11"	29/-	31/-	37/-	39/-	44/-	35/-	37/-												
12"	34/-	37/-	43/-	45/-	50/-	41/-	43/-												
13"	40/-	43/-	50/-	50/-	55/-	46/-	48/-												
14"	46/-	50/-	60/-	55/-	60/-	50/-	53/-												
Double Ended Taper Saw Files.																			
Up to 7"		8"		9"		10"		11"		12"									
10/6		12/-		13/6		15/6		17/6		19/6									
10																			
SPECIAL FILES.—STRONG OR WEIGHT FILES.																			
				Rough & Bastard.		2nd Cut.		Smooth.											
Strong Flat and half Thicks				1/7		1/9		1/11 per lb.											
1 lb. Rubber				1/10		2/-		2/2 "											
2 lb. "				1/8		1/10		2/- "											
3 lb. "				1/6		1/8		1/10 "											
Over 3 lb.				1/5		1/7		1/9 "											
Reaper Files Machine Saw Files,				Prices quoted on application.															

EXTRAS.				EXTRAS.			
Single Swaged, advance 1/2"				Hand Rasps, advance 1" on Flat Rasps.			
Double Swaged, advance 1"				Single Improved Shoe Rasps, advance 1/2"			
Tanged Horse Rasps advance 2"				Double Improved, advance 1"—on Plain Shoe Rasps.			
				Extra Smooth Cabinets, advance 1" on Cabinets.			
				Flat and Half-Round Gunstockers' Rasps and Last-Makers' Rasps, advance 2" on Cabinets.			
				Saddle Tree Rasps, advance 3" on Cabinet.			
				Horse Mouth Rasps 7/6 each.			
				Bread Rasps, Handled 50/- per dozen.			

GENERAL EXTRAS.

All above twenty-four inches, 20/- per inch extra. All quarter inches, the price of the next size above.
 Files made extra strength, advance in proportion. New Angle Cut Files for Wrought Iron, advance one inch.
 Parallel or Blunt Files, advance one inch. Double Tanged Files, advance two inches. Round Edges, Double Cut, advance two inches.
 Round, Half-round and Crossing Files, Double Cut Second cut, advance half inch; Double Cut Smooth, advance one inch.

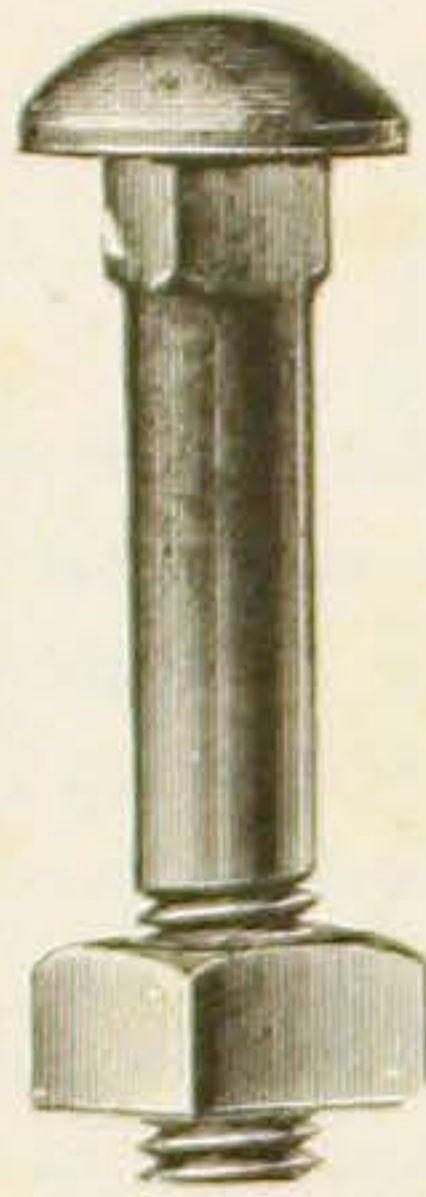
No. PHS 7960 SQUARE BASTARD.

No. PHS 7964 HAND FILE BASTARD.

No. PHS 7963 HALF-ROUND BASTARD.

No. PHS 7962 CABINET RASP.

Engineers' Bolts and Nuts, Screws, Washers, etc.



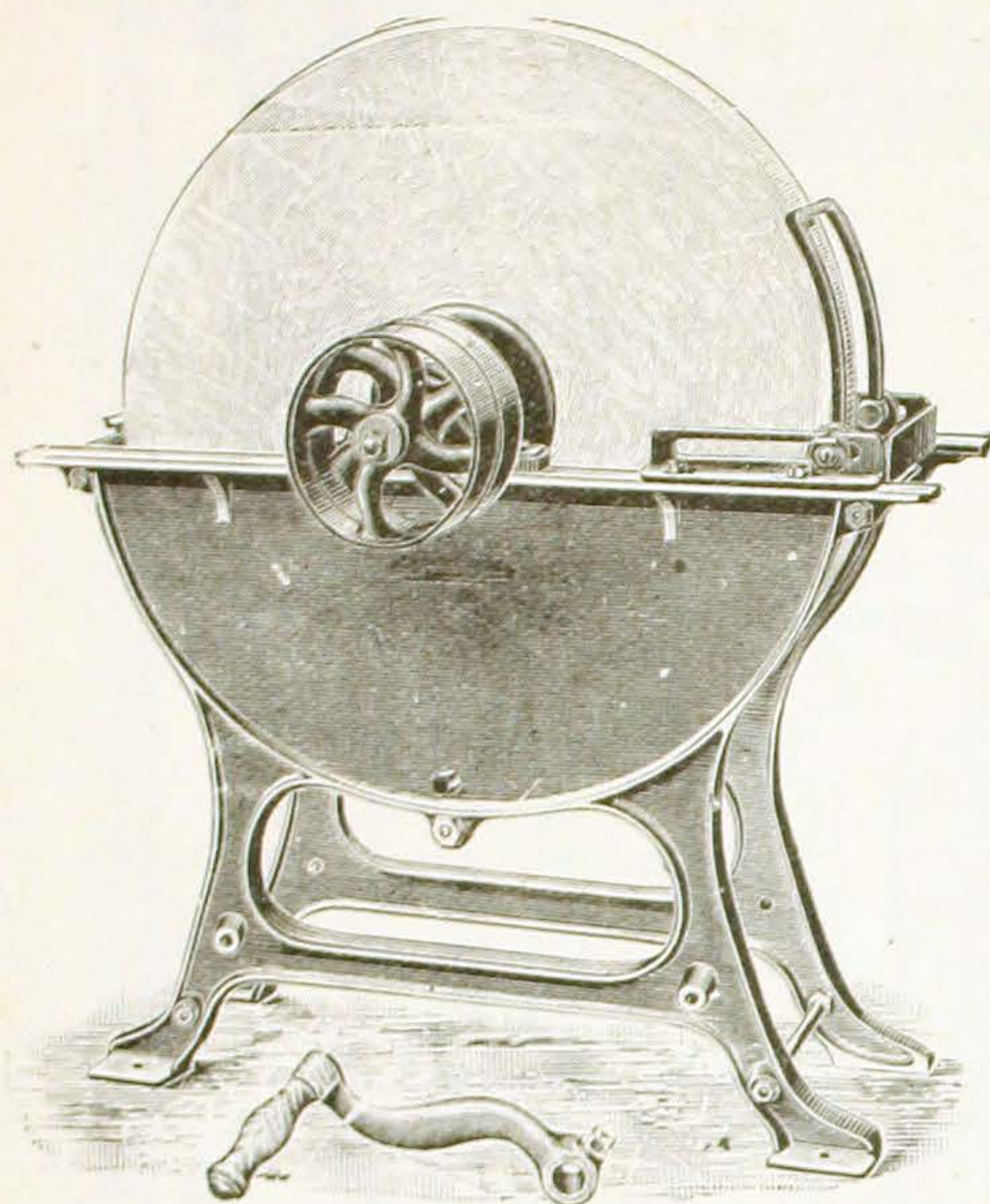
No. PHS 9734

CUP SQ. SQ. BOLTS AND NUTS. ("A" Basis.)

2" x	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"	long.
	3/3	3/6	3/11	4/5	4/8	4/9	5/3	5/8	6/9	grs.
	3 1/2 d.	3 1/2 d.	4 d.	4 1/2 d.	5 d.	5 d.	5 1/2 d.	6 d.	7 d.	doz.
1/16" x	4/9	5/3	5/9	6/5	6/8	7/-	7/11	8/6	9/9	grs.
	5 d.	5 1/2 d.	6 d.	6 1/2 d.	7 d.	7 1/2 d.	8 d.	8 1/2 d.	10 d.	doz.
1/8" x	6/6	7/-	7/5	8/-	8/8	9/-	9/11	10/6	12/-	grs.
	6 1/2 d.	7 d.	7 1/2 d.	8 d.	9 d.	9 1/2 d.	10 d.	10 1/2 d.	1/1	doz.
7/16" x	8/3	9/5	10/3	11/2	gross.					
	8 1/2 d.	9 1/2 d.	10 1/2 d.	11 1/2 d.	doz.					
("A" Basils).										
Up to 2" long x 1/8"						..	..	35/3	4 1/2 d.	
3"						..	..	29/3	4 d.	
4 1/2"						..	..	40/11	5 d.	
4 1/2"						..	..	28/2	3 1/2 d.	
6"						..	..	25/2	3 d.	
6"						..	..	23/3	3 d.	
6"						..	..	21/5	2 1/2 d.	
7" to 9"						..	..	34/11	4 1/2 d.	
"						..	..	32/3	4 d.	
"						..	..	22/2	3 d.	
"						..	..	20/8	2 1/2 d.	
"						..	..	20/3	2 1/2 d.	

Grindstones

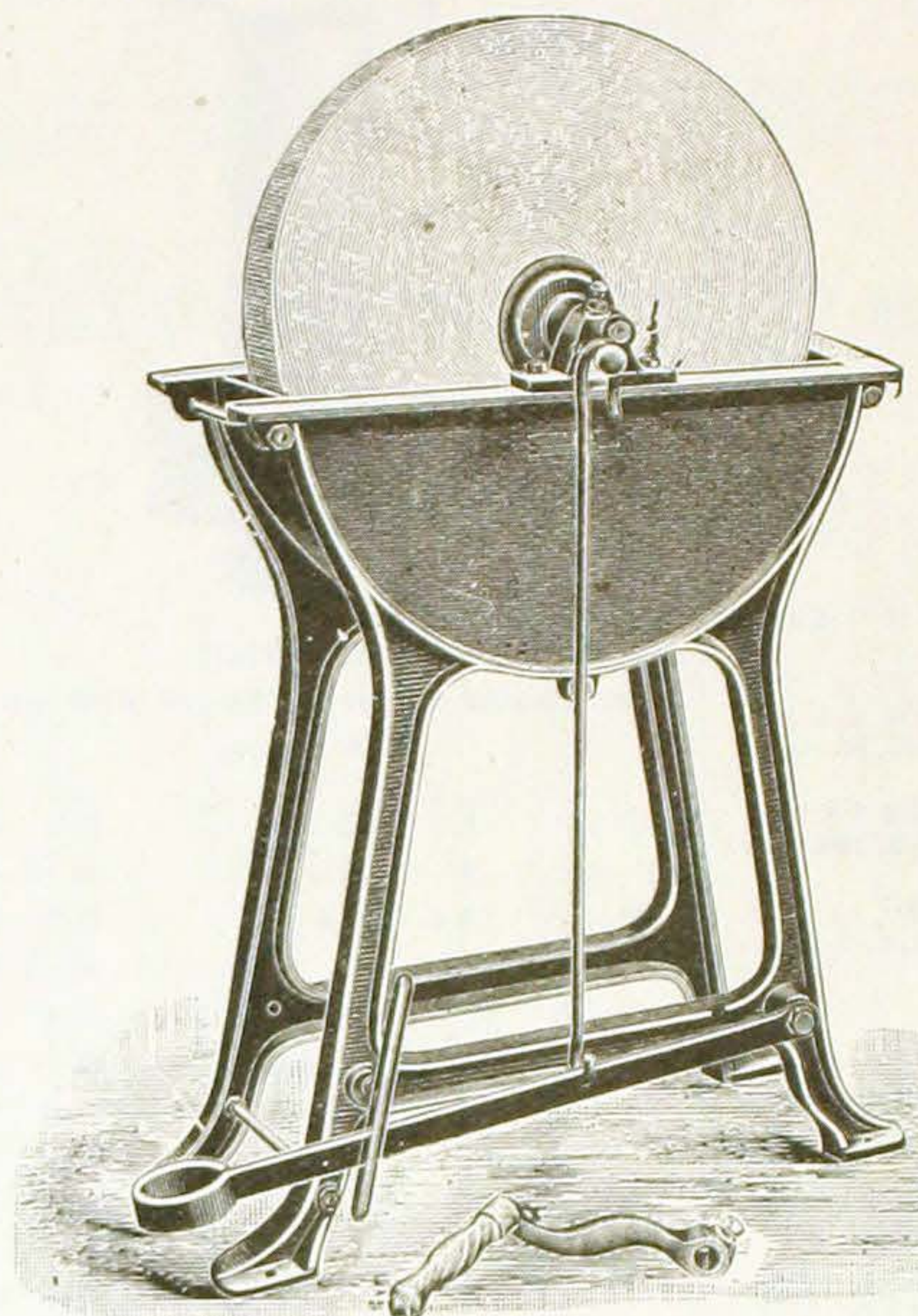
All fitted with strong turned Wrought Iron Spindles, and the Stones secured with side plates and lock nuts. This method is much superior to the ordinary mode of fixing by wedges, as the risk of splitting is avoided.



No. PHS 7989

Strong and substantially built, being mounted in heavy Cast-Iron Frame. A special line for manufacturer's requirements. Adapted for general tool grinding and every description of heavy work.

Fitted with Plummer Block Bearings and Best Brasses and Handle, also adjustable Tool Rest, and Screwed Plug at bottom of trough to let water off.



No. PHS 7982

This line is the standard favourite for Tool Grinding in Technical Schools, Engineering Shops and similar places.

It stands most conveniently for height, and its bold appearance and general adaptability are features which will be self-apparent.

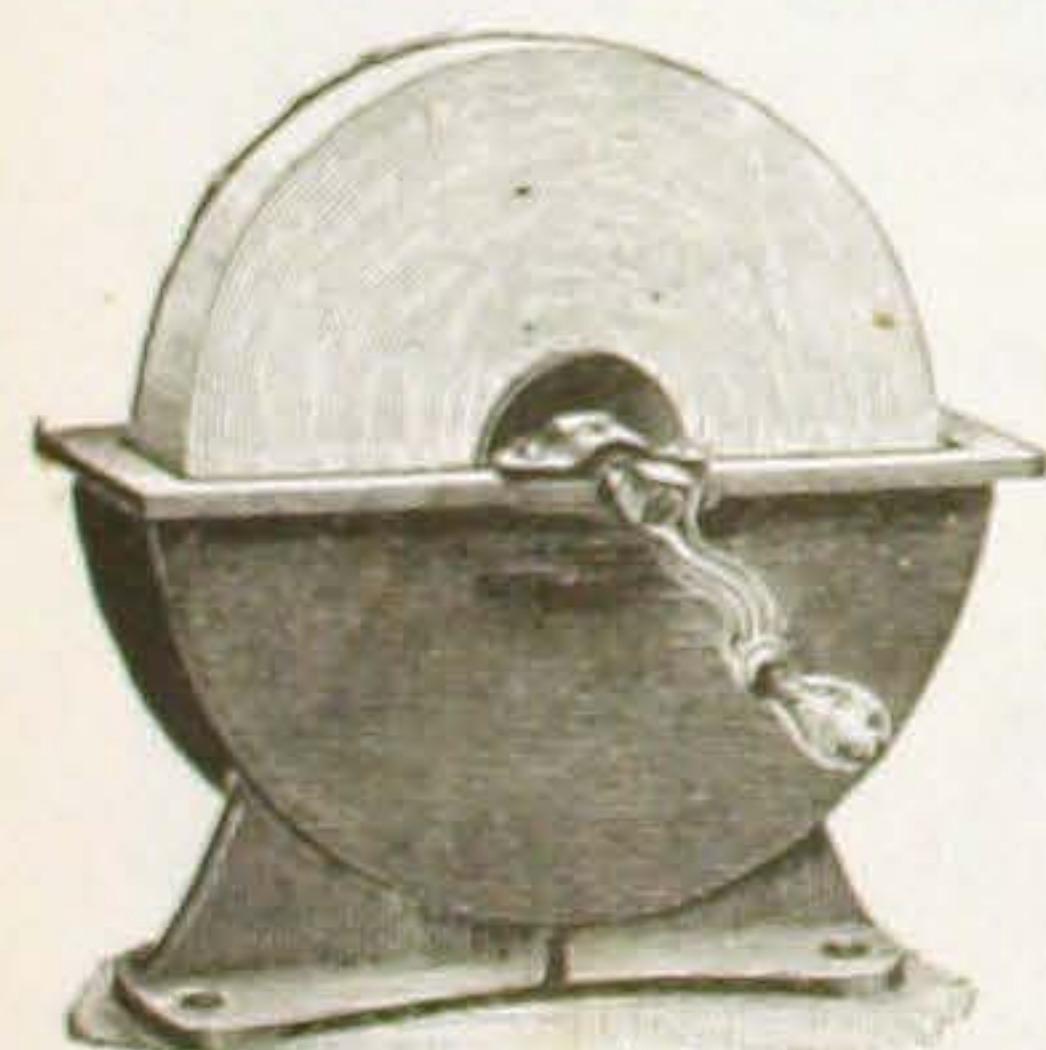
No better value in a medium priced article is offered.

Fitted with Handle and Treadle, and Screwed Plug at bottom of trough to let water off.

Size of Stone.	PHS 7989 With Fast and loose pulleys.	PHS 7990 With fast pulley only.
	s. d.	s. d.
24" x 3 1/2"	136 3	126 3 each.
24" x 4"	141 0	131 3 "
26" x 4"	157 6	147 3 "
28" x 4"	167 3	157 6 "
30" x 4"	177 6	167 3 "
30" x 5"	192 3	182 6 "
30" x 6"	209 9	199 9 "
36" x 4"	244 9	233 6 "
36" x 5"	264 9	253 6 "
36" x 6"	293 6	282 3 "

Extras :

	24"	26"	28"	30"	36"
If with Striking Gear	19/3	19/3	19/3	19/3	19/3
If with Water Can and Tap and Support... ..	10/-	10/-	10/-	10/-	11/3
If with Hood	15/-	17/6	19/3	22/-	29/6



No. PHS 7980

In general appearance it is very attractive.

This Grindstone is the model pattern for Household and general purposes. It is neat and compact, and being mounted in Iron Frame its strength and durability can be entirely relied upon.

Size of Stone.	PHS 7980 Without Hood.	PHS 7981 With Hood.
6" x 1 1/2"	10/-	12/6 each.
8" x 1 1/2"	13/-	16/3 "
10" x 2"	16/3	19/3 "
12" x 2"	20/-	23/8 "
14" x 2 1/2"	23/9	28/3 "
16" x 3"	30/-	35/- "
18" x 3"	42/-	50/- "
20" x 3"	53/9	63/9 "
24" x 3 1/2"	81/3	95/- "

Extras :

	Sizes to 20"	22" to 24"
Fitted with Water Can and Tap and Support	8/3	10/-
Fitted with Fast Pulley only, instead of Treadle	3/3	3/9
Fitted with Fast and Loose Pulleys, instead of Treadle	11/3	13/9
If fitted with Roller Bearings, 5/- each extra.		

Extras :

Fitted with Water Can and Tap and Supporting Rod:			
10" to 14"	16" to 20"	24"	
8/3	8/3	10/-	
If fitted with Fast Pulley only or Grooved Pulley:			
10" to 14"	16" to 20"	24"	
11/3	12/6	12/6	
If fitted with Fast and Loose Pulleys:			
10" to 14"	16" to 20"	24"	
12/6	15/9	15/9	

No. PHS 7986 GRINDSTONE SPINDLE.

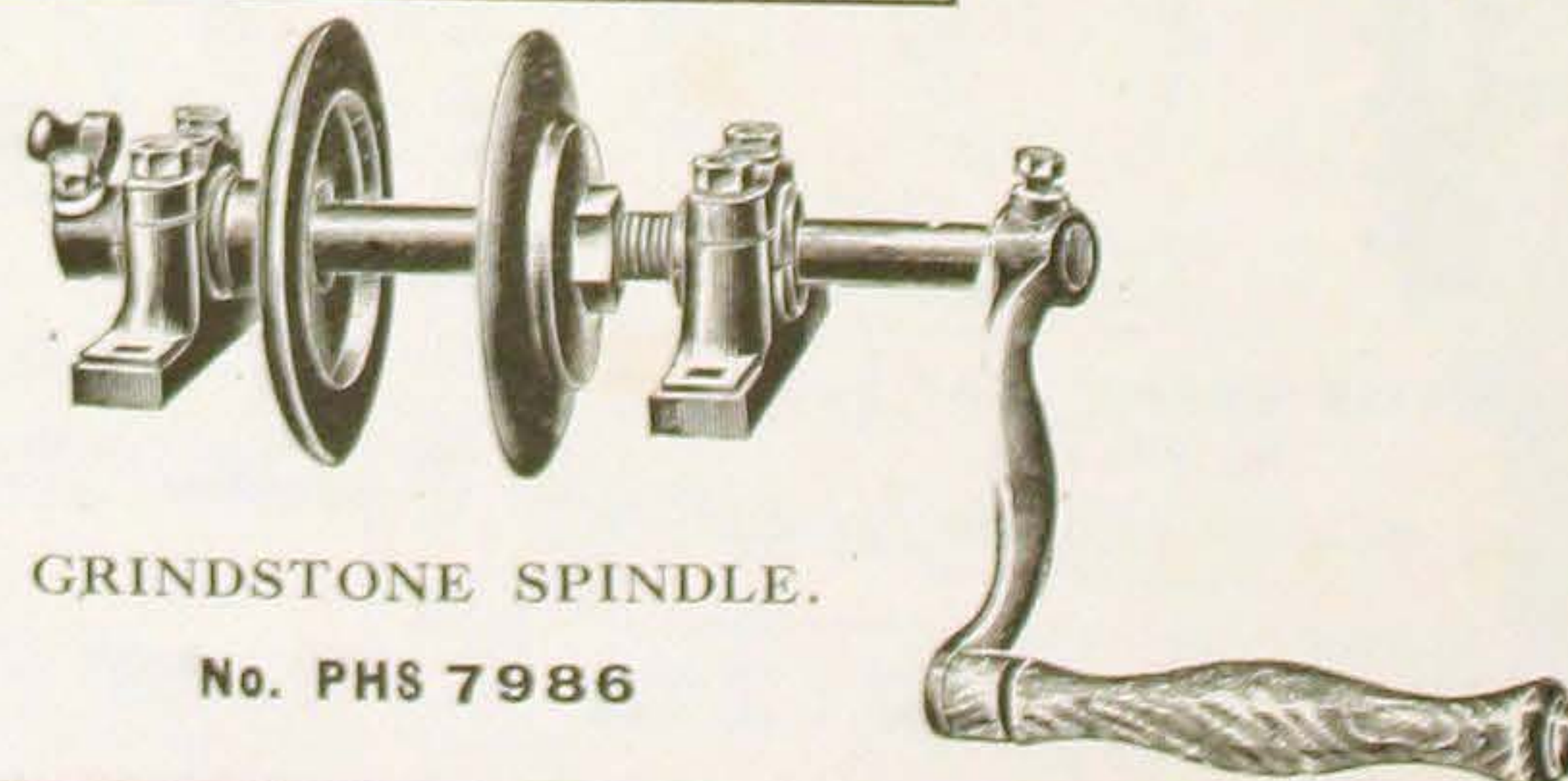
With Cast Iron Side Plates and Plummer Block Bearings with Best Brasses.

Size No.	1	2	3	4
Overall length of Spindle	15 1/4"	20 1/4"	22"	26"
To suit stones	24 x 3 1/2"	30 x 4"	36 x 5"	42 or 48 x 6"
Price	28/9	43/9	56/3	83/9 set.

Can be supplied to suit Stones of greater width if required.

Supplied with Fast and Loose Pulley at following extras:—

Size of Pulley	8 x 2"	8 x 2"	10 x 2"	12 x 2 1/4"
Price	21/3	21/3	25/-	32/6 pair.

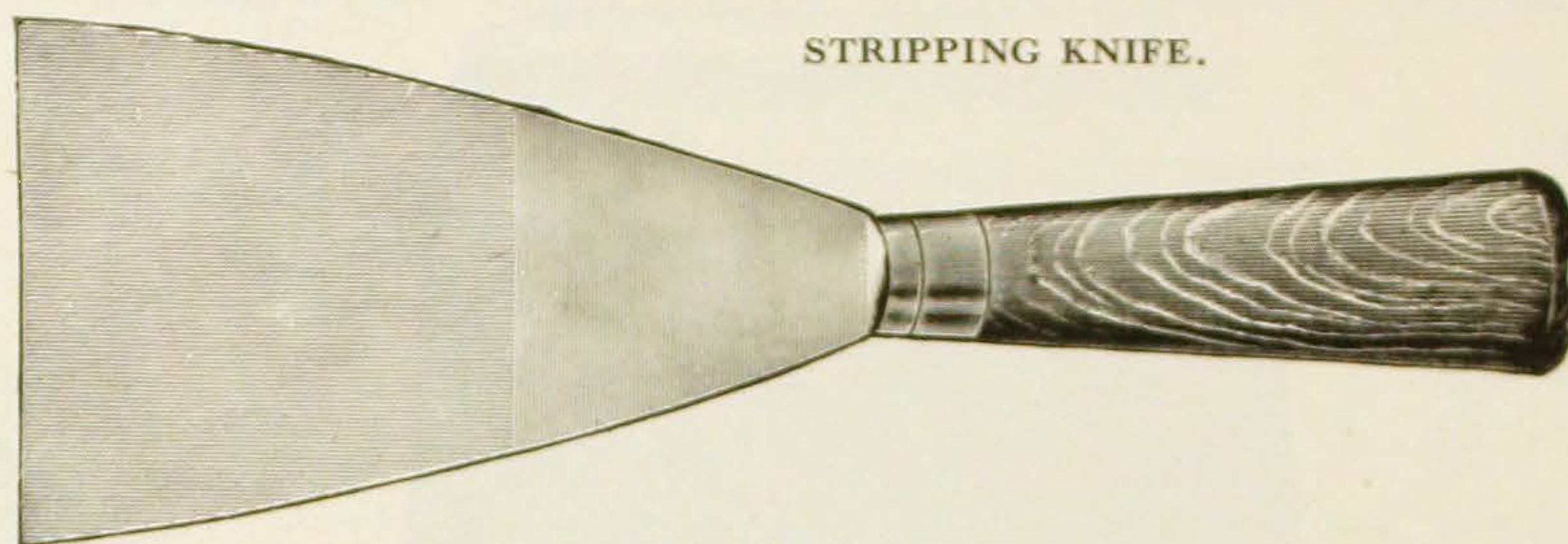


GRINDSTONE SPINDLE.

No. PHS 7986

Painters' Tools

STRIPPING KNIFE.

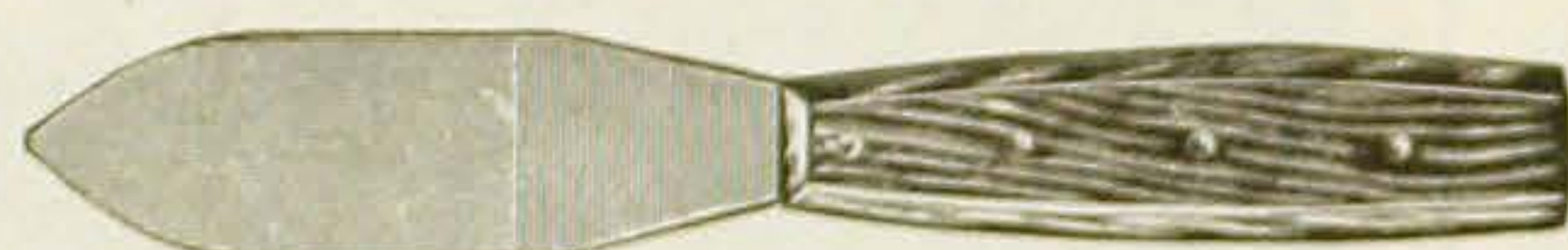


Solid Bolster
Brass Ferrules,
Cocoa Handles,
Stiff or Elastic
Blades.

No. PHS 7200

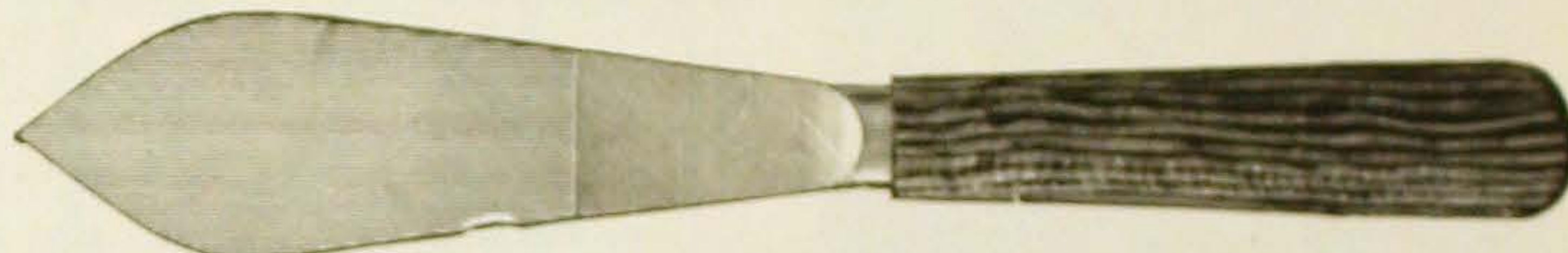
Sizes	...	5" x 1 1/2"	5" x 2"	5" x 2 1/2"	5" x 3"	5" x 3 1/2"	5 1/2" x 3 1/2"	6" x 3 1/2"	6" x 4"
No. PHS 7200		1/6	1/7	1/10	2/2	2/8	2/8	3/-	3/2 each.

PUTTY KNIFE.



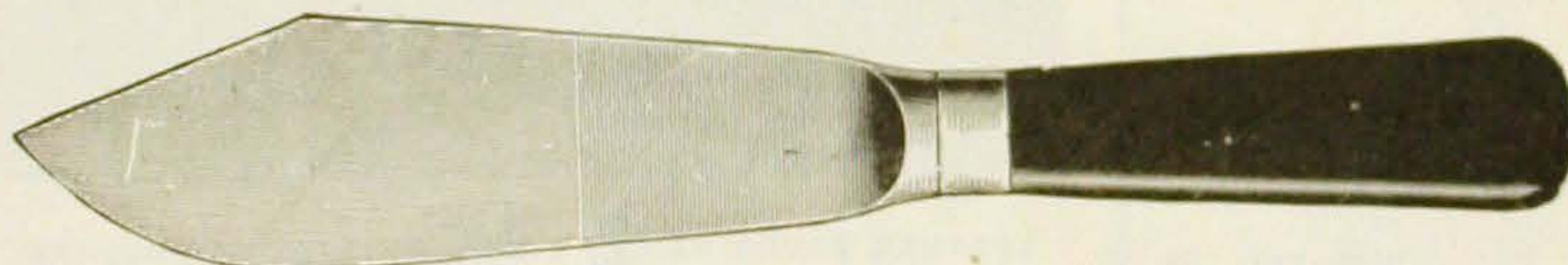
No. PHS 7203 Scale Tang, Redwood Handle, Chisel 4 1/2" 5" 1/2 1/2 each.

PUTTY KNIFE.



No. PHS 7202 Plain Bolster, Cocoa 4" 4 1/2" 5" 1/1 1/2 1/3 each.
Handles, Spear ...
Ebony Handles, for the above pattern 2d. each extra, each size.

PUTTY KNIFE.



No. PHS 7201 Solid Bolster, 4" 4 1/2" 5" 5 1/2" 6" 1/3 1/4 1/5 1/6 1/9 each.
Brass Ferrules, Cocoa Handles
and Blades Elastic ...
Ebony Handles, for the above pattern 2d. each extra, each size.

NOTCHED GLAZIERS' KNIFE.



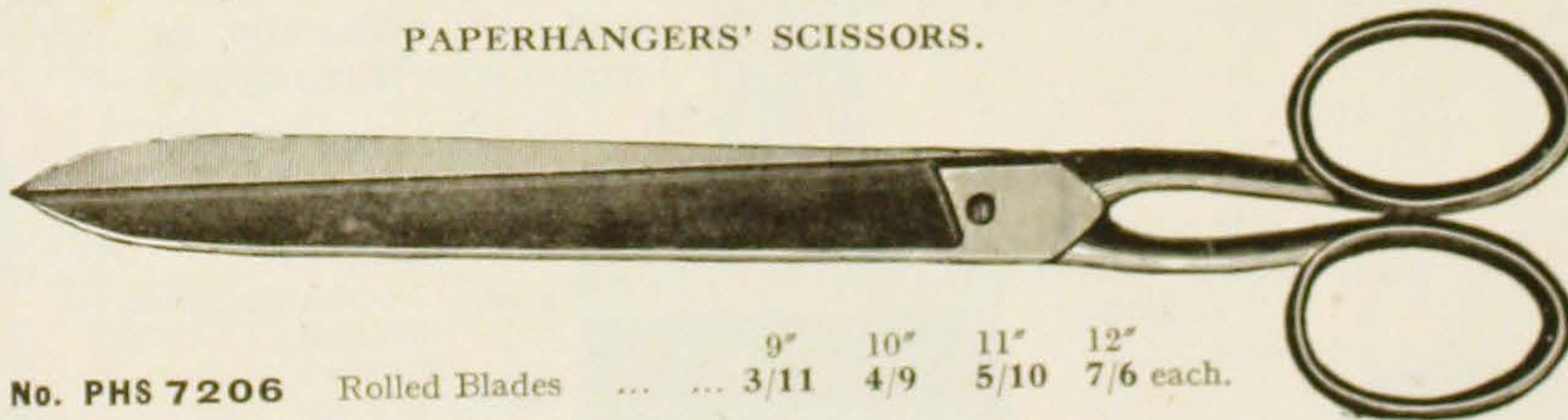
No. PHS 7204 Whittle Tang, Cocoa Handles, stiff 4" 4 1/2" 1/2 1/3 each.
Blades ...

PALETTE KNIFE.



No. PHS 7205 Scale Tang, with Bolster, Cocoa handles 4" 5" 6" 7" 8" 9" 10" 11" 12" 1/2 1/3 1/6 1/9 2/- 2/6 2/10 3/6 4/3 each.

PAPERHANGERS' SCISSORS.



No. PHS 7206 Rolled Blades 9" 10" 11" 12" 3/11 4/9 5/10 7/6 each.

SHAVE HOOKS, LIGHT PATTERN.



No. PHS 7207 Heart shape ... 1/1 each.

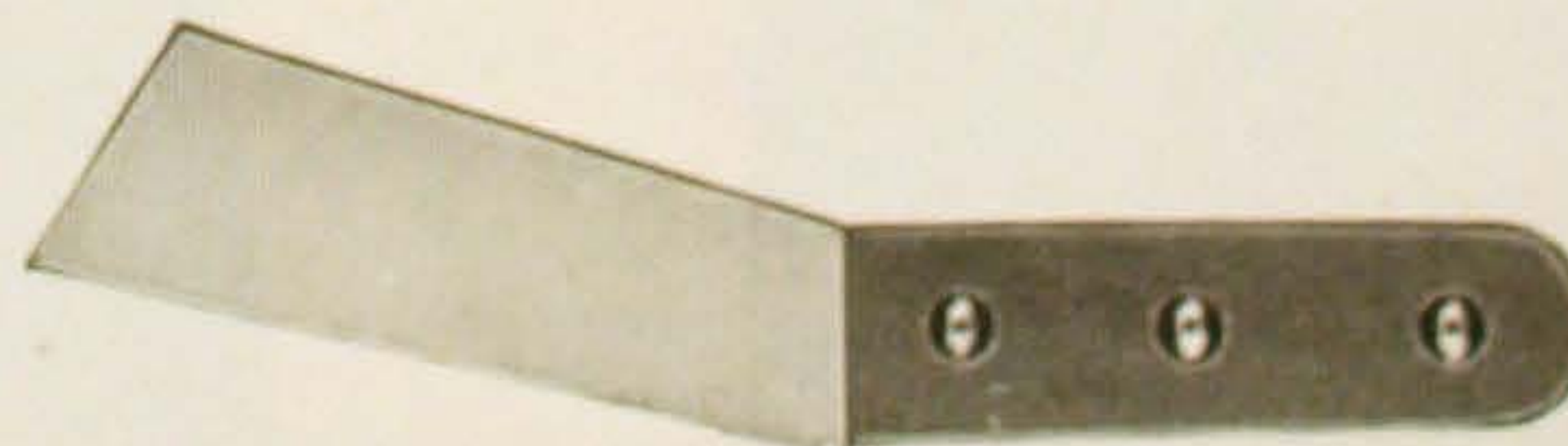
For Stronger
Patterns, see
page 368.



No. PHS 7208 Triangular shape ... 1/1 each.

HACKING KNIVES.
(Light Pattern.)

For Stronger
Patterns, see
page 368.

CHIPPING KNIVES.
(Light Pattern.)

No. PHS 7209 With Leather Scales, 3 rivets. 4" 4 1/2" 5" 1/3 1/3 1/4 each.

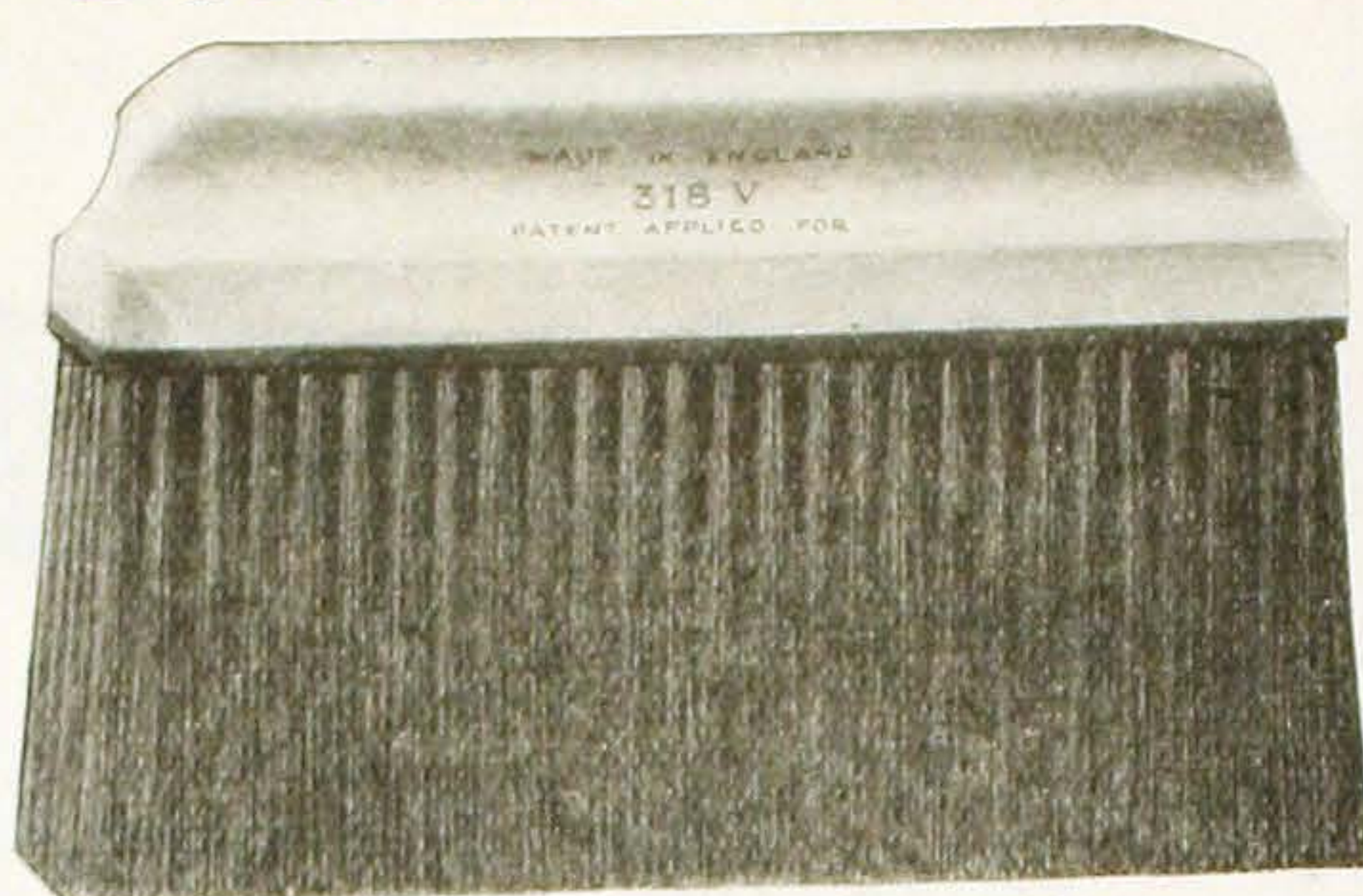
No. PHS 7210 Leather Scales 4 1/2" 5" 2/2 2/3 each.

"A" Basis.

Decorators' Brushes



No. PHS 9953 FLAT SET DUSTERS.
(Jamb Dusters.)



No. PHS 9957 PAPER HANGING BRUSHES.
Set, Polished.

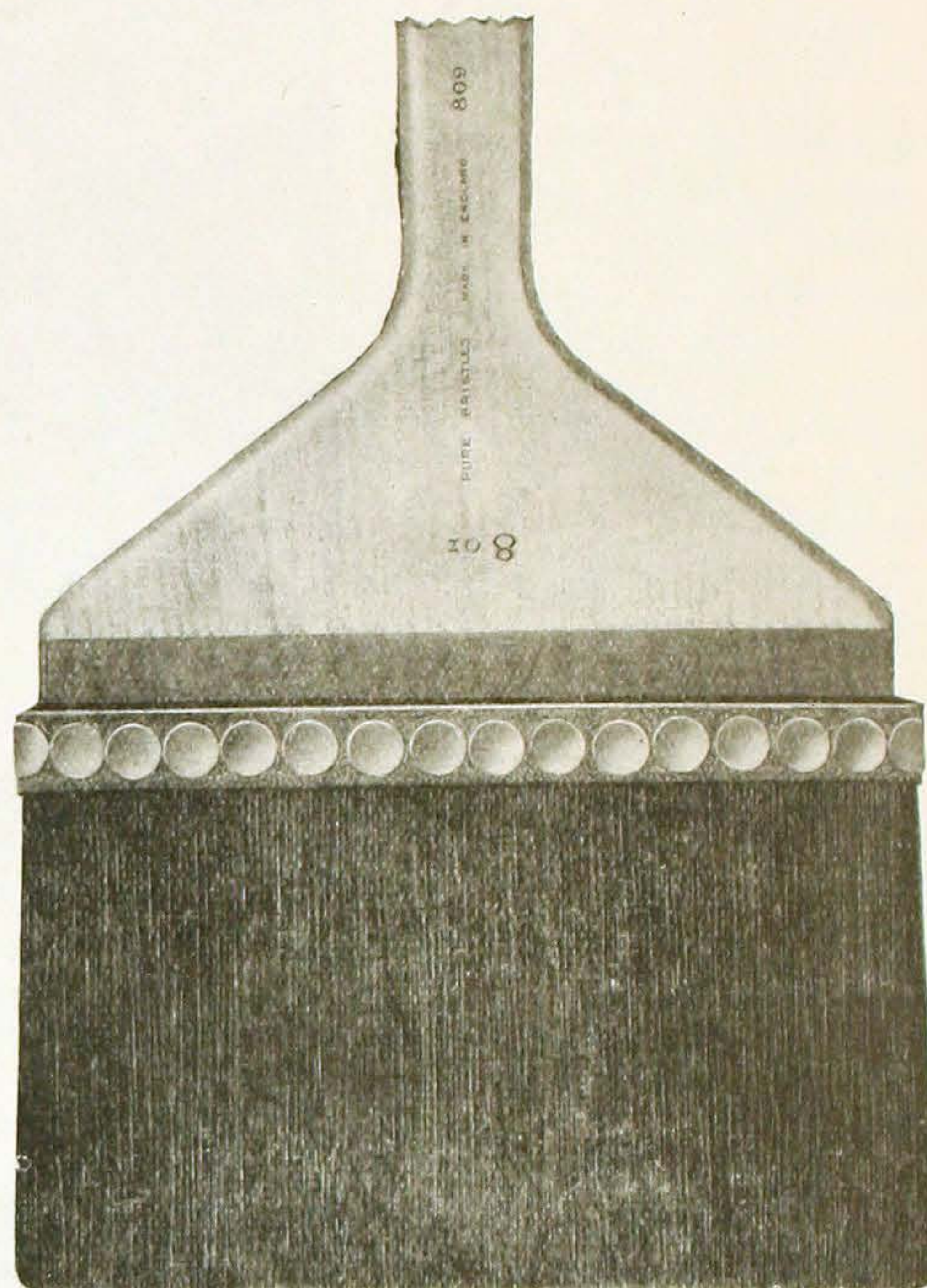
		PRICES.			
Sizes	1	2	3	4	
Width of Stock	3 1/2"	4"	4 1/2"	4 1/2"	
No. PHS 9953	3/2	4/-	4/3	5/2	each.
Sizes	5	4	3	2	
Width of Bristle	2 1/2"	2"	1 1/2"	1 1/2"	
No. PHS 9954	5/9	4/9	3/6	2/9	2/6 each.
Weights	9	9	8	7	ozs.
Length of Bristles	6"	5 1/2"	5 1/2"	5 1/2"	
No. PHS 9955	33/3	32/-	27/7	24/3	each.
Weights (6" brushes)	9	8 1/2	8 1/2	8	ozs.
No. PHS 9956	33/3	31/9	30/3	30/3	each.
Sizes	8	9	10	10	
No. PHS 9957	7/9	10/-	12/3	12/3	each.
Sizes	1"	1 1/2"	2"	2 1/2"	
No. PHS 9958	1/-	1/6	2/-	2/10	3/9 5/7 8/- each.

BRUSHES NOT ILLUSTRATED.
No. PHS 9987 METAL BOUND DISTEMPER BRUSHES.

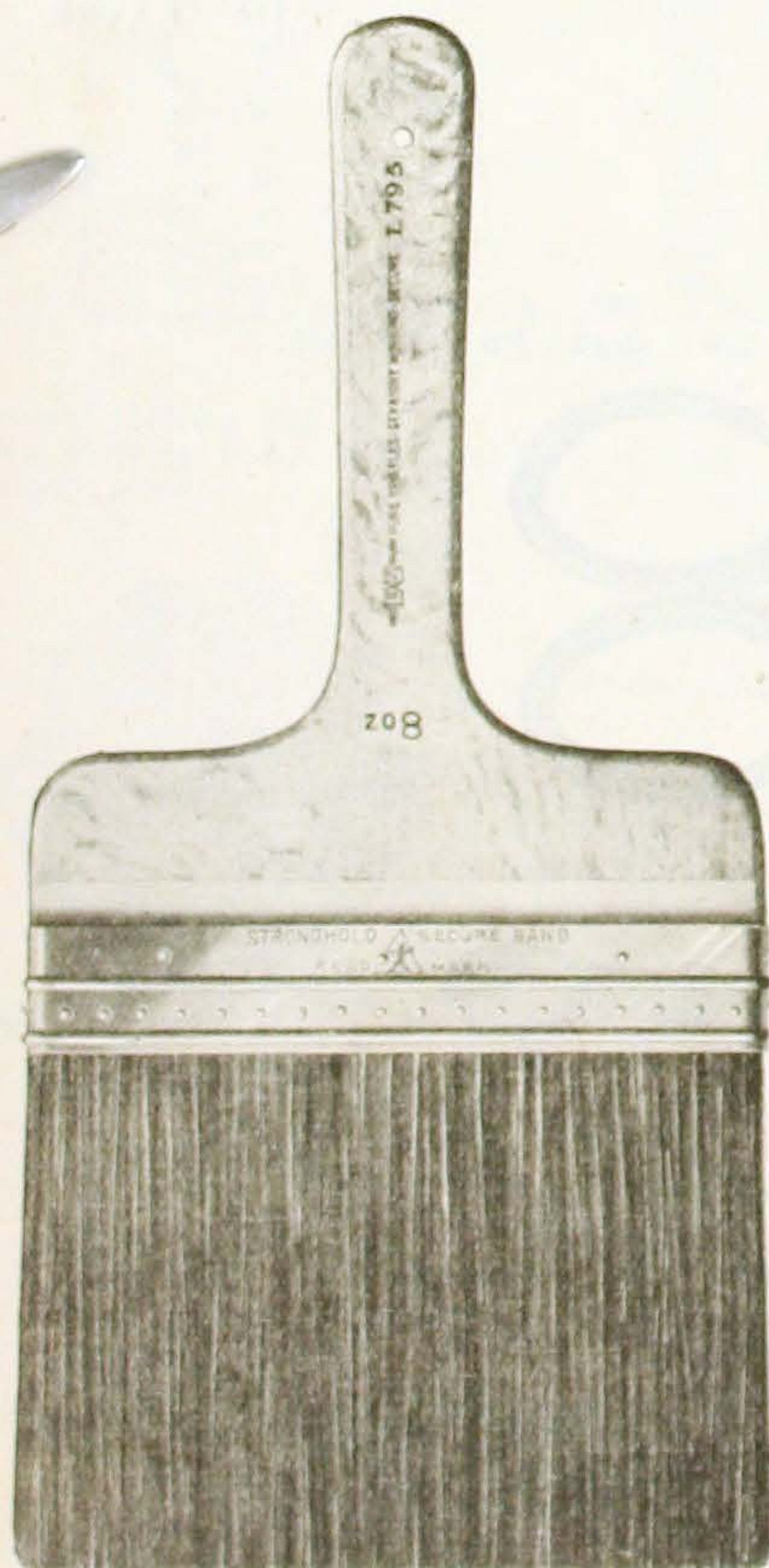
Sizes	4"	5"	6"
Length of Bristles	3 1/2"	4"	4 1/2"
No. PHS 9988 SASH TOOLS (String Bound).	6/3	9/3	13/3 each.

Sizes	2	4	6	8	10	12
Diam.	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
No. PHS 9989 MIXED BRISTLE WHITEWASH BRUSHES.	10d.	1/3	1/10	3/3	5/6	7/3 each.

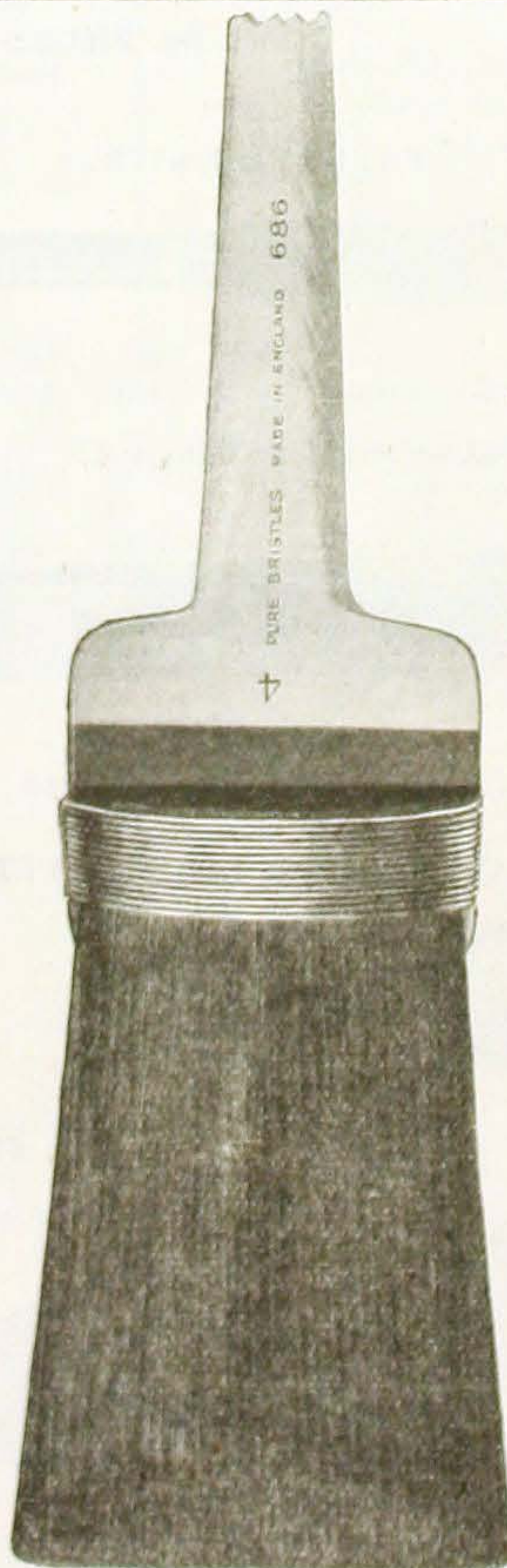
8 oz., 12/- each.
All these Brushes are made of Pure Bristles with the exception of No. PHS 9989.



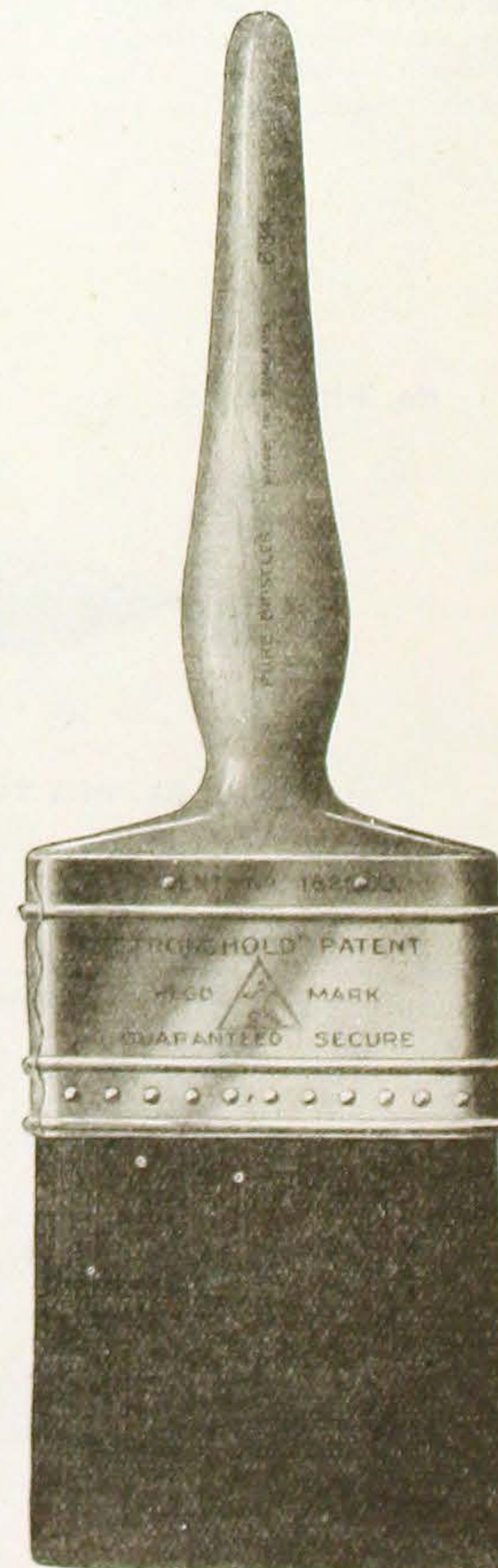
No. PHS 9955
LEATHER BOUND NAILED STOCK WHITEWASH BRUSHES.
Selected Elm Handles.



No. PHS 9956 COPPER-BOUND WHITEWASH BRUSHES.



No. PHS 9954 ONE-KNOT PAINT BRUSHES.
Copper Wire Bound.



No. PHS 9958 FLAT VARNISH BRUSHES (BEVELLED.)

Paints, Varnishes, Enamels, Distempers, Glass, etc.

C

No. PHS 9959 ("A" Basis).
COLOURS GROUND IN OIL.
"Super" Quality for High-class Work.

Brunswick Green (3 shades) ...	per cwt.	48/9
Olive Green ...	"	49/6
Red Oxide ...	"	42/-
Venetian Red ...	"	49/6
Black ...	"	46/6
Oxford Ochre ...	"	46/6
Burnt Turkey Umber ...	"	57/-
Raw English ...	"	55/6
Indian Red ...	"	70/6
Celestial Blue ...	"	75/-
Signal Red ...	per lb.	1/2
Prussian Blue ...	"	2/3
Drop Black in Turps ...	"	1/6
Vandyke Brown in Oil or Water ...	"	1/-
Burnt Sienna ...	"	9d.
Raw ...	"	9d.
Chrome Yellow ...	"	1/6
Extra for smaller Kegs and Tins—		
1/2 cwt. Kegs, 1/- extra.		
1/4 cwt. " 2/- "		
14 lbs. " 4/- "		
7 lbs. " 8/- "		

No. PHS 9961 ("A" Basis).
DRY COLOURS.

Lime Green ...	per cwt.	40/6
Lime Blue ...	"	40/6
Venetian Red ...	"	15/-
Yellow Ochre ...	"	15/-
Umber ...	"	15/-
Vegetable Black ...	per lb.	9d.
Lamp ...	"	6d.
Vermillionette ...	"	1/6
Rose Pink ...	"	1/3
Lemon Chrome ...	"	1/2
Genuine White Lead ...	"	6d.

No. PHS 9966 ("A" Basis).
CEMENT, PLASTER, ADAMANT.

Cement ...	per cwt.	6/9
Plaster ...	"	6/9
Adamant ...	"	7/2

No. PHS 9985 ("A" Basis).
CREOSOTE.

In 42 gall. barrels	per gall.	1/2
Casks, charged and returnable.		
1 gall		1/6

D

No. PHS 9967 ("A" Basis).
DRYERS.

Patent Dryers ...	per cwt.	31/6
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No. PHS 9969 ("A" Basis).
"DODOINE" WASHABLE DISTEMPER IN PASTE.

Paste Distemper in 7 lb. tins		
from 3/9 tin.		
Reds and Deep Greens	6/3	"
Petrifying Liquid for use with Distemper ...	per gall.	4/6
Ask for Colour Chart.		

E

No. PHS 9970 ("A" Basis).
ENAMELS.

"Doda Brand" High-class Enamel Inside or Outside, per gall, 27/-
Also in 1/2 gall. at 15/- and quart Tins at 8/- each.
Large assortment of colours.
High-class Enamel in tins, 9d., 1/3, 2/- each.

EMERY CLOTH.

See foot of page 317.

G

No. PHS 9984 ("A" Basis).
FOREIGN GLASS.

In cases, 45/- each.
Case 15 oz. contains 300 feet.

No. PHS 9968 ("B" Basis).
GOLD SIZE & TEREbine.

Fine Japan Gold Size per gall	11/10
Strong Terebine	9/2

GLASS PAPER.

See foot of page 317.

K

No. PHS 9982 ("A" Basis).
GALVANISED PAINT KETTLES.

Strong Galvanized Paint Kettles, 5 in.	dozen	8/3
Strong Galvanized Paint Kettles, 6 in.	"	9/9

L

No. PHS 9960 ("K" Basis).
GENUINE RED LEAD.

1 cwt. lots	per cwt.	53/4
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No. PHS 9978 ("K" Basis).
LINSEED OIL.

Raw Linseed Oil	per gall.	4/1
Boiled Linseed Oil	"	4/3
Lowest Prices charged ruling at date of delivery.		
Special quotations for barrel lots.		

No. PHS 9973 ("A" Basis).
GENUINE ENGLISH WHITE LEAD GROUND IN OIL.
GENUINE READY MIXED WHITE LEAD PAINT.

Genuine White Lead, 61/6 per cwt.		
Lowest Prices charged ruling at date of delivery.		

No. PHS 9979 ("A" Basis).
GENUINE LINSEED OIL PUTTY.

Genuine Linseed Oil Putty in 1 cwt.		
Free Kegs	19/6	per cwt.
Extra for smaller quantities.		

M

No. PHS 9983 ("A" Basis).

MELANOID PAINTS.

Blacks.	1/2 gall. tins.	1 gall. tins.	5 gall. tins.	10 gall. drums
Standard, No. 1	3/9	6/6	27/-	52/2
Special	4/7	8/1	35/-	68/-
Rapid	4/7	8/1	35/-	68/-
Extra Rapid, Colours	4/9	8/4	36/6	70/6

Colours.

Brown	5/9	10/6	47/-	91/4
Heavy Brown	5/9	10/6	47/-	91/4
Red (Light and dark)	6/-	11/-	50/-	97/2
Green	7/2	13/2	61/-	118/-

P

No. PHS 9962 ("A" Basis).

READY MIXED PAINTS.

(Ask for Colour Chart).

In 1, 2, 4 and 7 lb. Tins.

White and Colours—

1 lb. tins, 9d. per tin;	per cwt.	87/-
2 lb. " 1/6 "	"	84/-
4 lb. " 2/10 "	"	81/9
7 lb. " 4/3 "	"	75/9

Paints Mixed to any shade any quantity.

No. PHS 9980 ("B" Basis).

PAINTERS'

LUMP PUMICE STONE.

Pumice Stone, 31/6 per cwt., 6d. per lb.

No. PHS 9981 ("A" Basis).

PARAFFIN OIL.

Royal Daylight	per gall.	1/4
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PUTTY.

(See under Linseed Putty, preceding column.)

S

No. PHS 9990 ("F" Basis).

WATERPROOF SANDPAPER ("BEEKAY.")

Nos. 0, 1 and 1 1/2, 43/9 ream; 2/6 quire.

No. PHS 9963 ("A" Basis).

SIZE POWDER.

In 1 lb. packets, per lb.	...	7d.
In 1/2 lb. " "	"	8d.
In 1/4 lb. " "	"	9d.
In bulk, per cwt.	...	55/6

No. PHS 9986 ("A" Basis).

SOLIGNUM.

7/6 per gall.

No. PHS 9965 ("A" Basis).

SOFT SOAP.

1/2 cwt. Firkins	...	12/- each.
1 cwt. Kegs	...	23/3

T

No. PHS 9971 ("K" Basis).
GENUINE TURPENTINE.

5/- per gallon.
Lowest prices charged ruling at date of delivery.

No. PHS 9972 ("B" Basis).

TURPENTINE SUBSTITUTE.

2/- per gallon.

V

No. PHS 9974 ("A" Basis).
MANDERS' VARNISH.

Palest Durable Copal Body	per gall.	37/9
White Coburg for Outside Work	"	37/9
Pale Copal Carriage	"	26/6
Fine " "	"	24/3
Fine Copal Oak inside or outside	per gal.	19/2
Oak for out or inside	"	16/6
Crystal Paper, inside	"	22/6
Fine Copal Cabinet	"	22/-
Copal Flattening	"	22/-
Floor Varnish	"	19/2

No. PHS 9975 ("A" Basis).
PALE VARNISHES FOR GENERAL PURPOSES.

Elastic Oak out or inside	per gall.	12/6
Pale Copal Oak	"	15/-
Fine White Oil Varnish	"	16/-
Hard Church Oak	"	15/-
Elastic Carriage	"	16/-
Super Pale	"	18/6
Floor Varnish	"	14/-
Crystal Paper	"	18/-

No. PHS 9976 ("B" Basis).
BLACK VARNISHES AND JAPANS, AND SPIRIT VARNISHES.

Best Coach Black Japan	per gall	21/-
Quick Drying Black Japan	"	16/4
Fine Brunswick Black	"	9/4
Berlin Black	"	17/-
White Hard Varnish	"	10/-
Brown " "	"	10/-
French Polish	"	23/4
Patent Knotting	"	21/-

No. PHS 9977 ("B" Basis).
VARNISH STAINS.

Manufactured in Oil Varnish Stains or Spirit Varnish Stains.

Light Oak	per gall.	16/4
Dark Oak	"	16/4
Walnut	"	16/4
Mahogany	"	18/1
Rosewood	"	17/6
When ordering state if "Oil" or "Spirit."		

W

No. PHS 9964 ("A" Basis).
CAKE WHITING and BUXTON LIME.

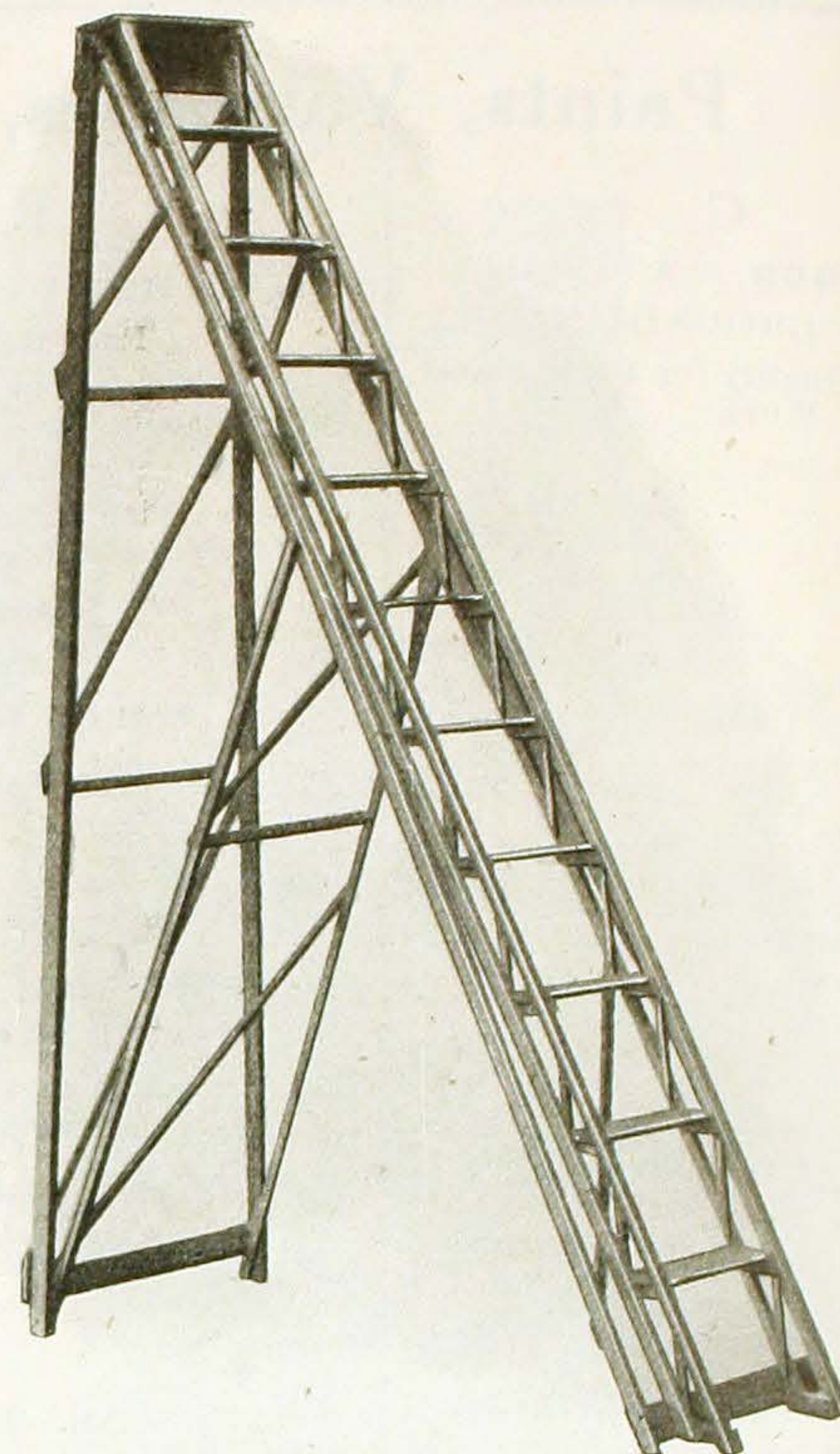
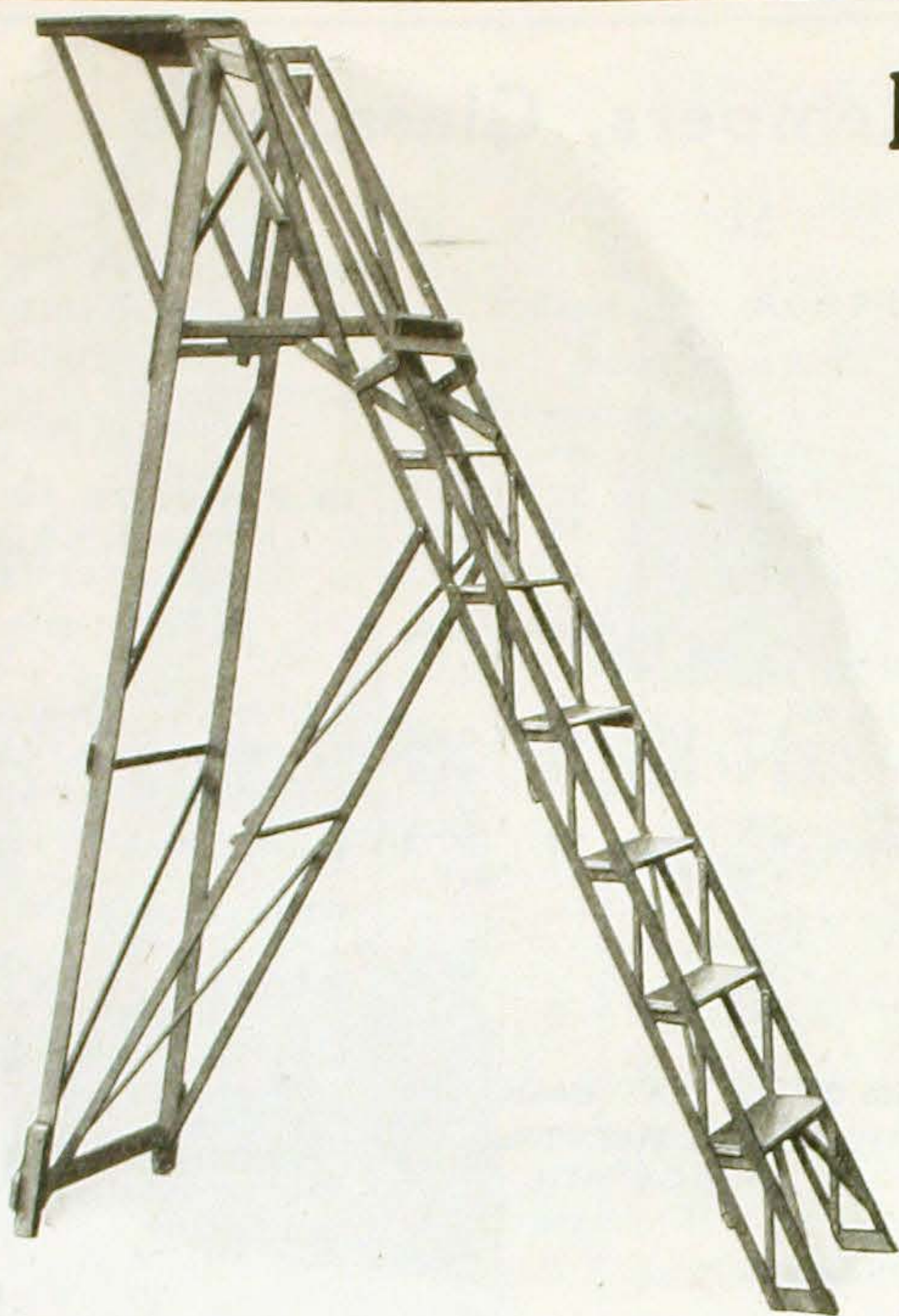
Cake Whiting, per cwt.	...	5/3
Buxton Lime	"	5/3

Carriage is paid on all orders net invoice value of £5.

All Prices on this page are subject to market fluctuations and will only be supplied at prices current at time of delivery.

"A," "B," "F" and "K" Basis, as indicated.

Lattice Steps

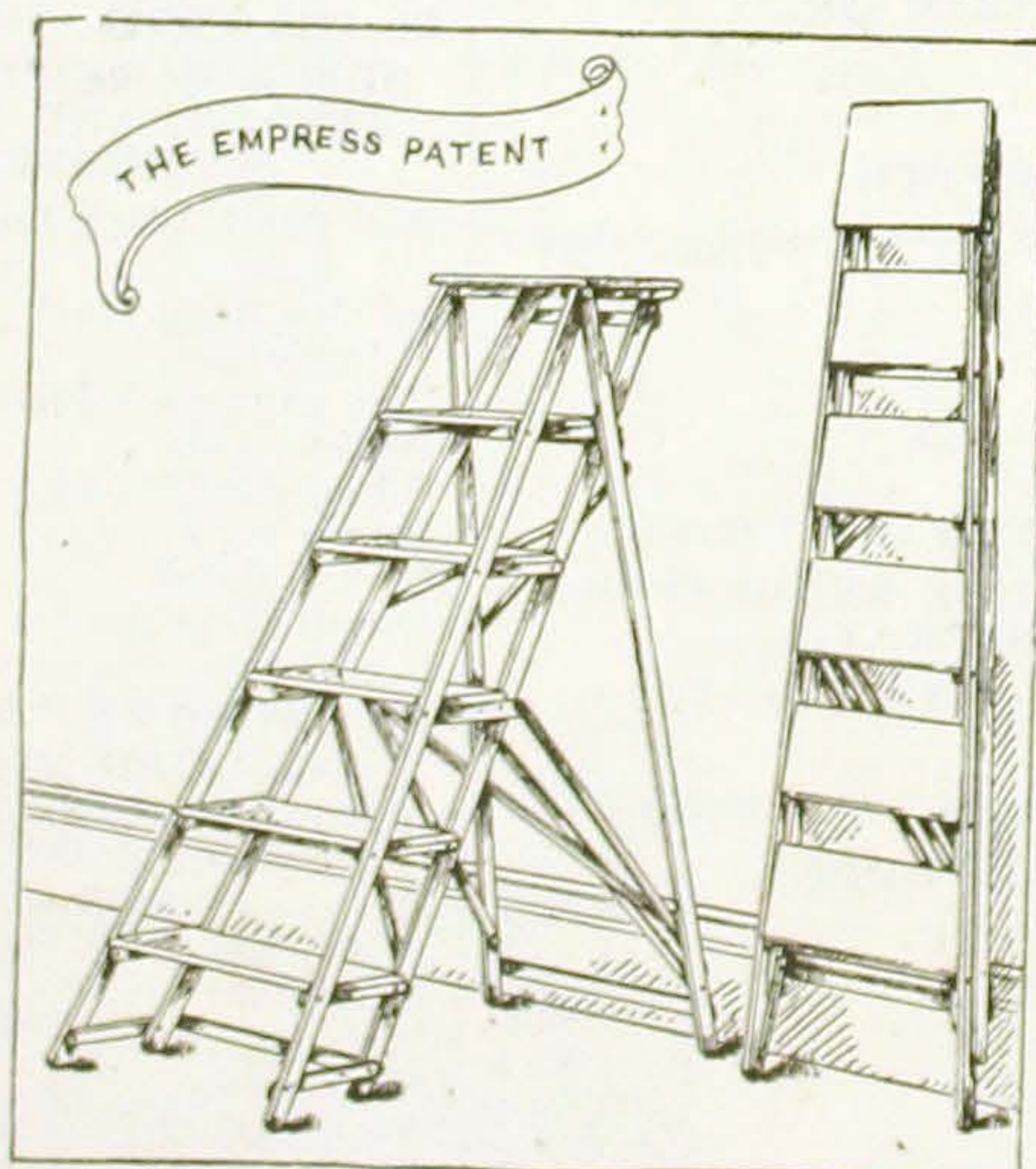


PLATFORM STEPS. Jones Patent No. 187832/22.

The Platform to stand on is 13" x 20" and the Table which is 23" above the Platform is 10" x 12". This Platform is not counted as a tread but is additional. The uses of these Platform Steps are innumerable, as an ordinary person can work on them in perfect safety and comfort, and can reach 6' above platform level. They are a boon to Electricians, Decorators and Painters. These Steps are the lightest, strongest, safest and best designed steps yet offered to the public. If desired we can supply these steps with solid sides to stand rough usage.

No. PHS 7446 Illustration shows 6 Tread size.

Height Closed.	Platform Height.	No. of Treads.	Without Table.	With Table.
6' 0"	3' 5"	3	26/-	30/6
7' 0"	4' 3"	4	29/-	33/6
7' 11"	5' 1"	5	32/-	36/6
8' 10"	5' 11"	6	35/-	39/6
9' 9"	6' 9"	7	38/-	42/6
10' 8"	7' 7"	8	42/-	46/6



FOLDING STEPS.

No. PHS 7467

The above Steps are well constructed and are the firmest and strongest on the market. When folded they occupy very little space, the extreme thickness being only 2 1/2". The Treads rise 10", and are 5" across. The top tread is 7" x 13". All moving parts are rivetted.

No. of Treads.	Height closed.	Height open.	Price in Deal and Birch.	Price in Birch.	Price in Oak.
3	3' 2"	2' 4 1/2"	8/6	13/6	18/-
4	4' 0"	3' 1"	11/6	16/6	22/6
5	4' 10"	3' 10"	14/6	21/-	27/-
6	5' 8"	4' 6 1/2"	17/6	25/6	31/6
7	6' 6"	5' 5 1/2"	22/-	28/6	36/-
8	7' 4"	6' 3"	25/-	33/-	40/6
9	8' 2"	7' 1"	32/-	39/-	45/-
10	9' 0"	8' 1"	—	51/-	—

To Order only.

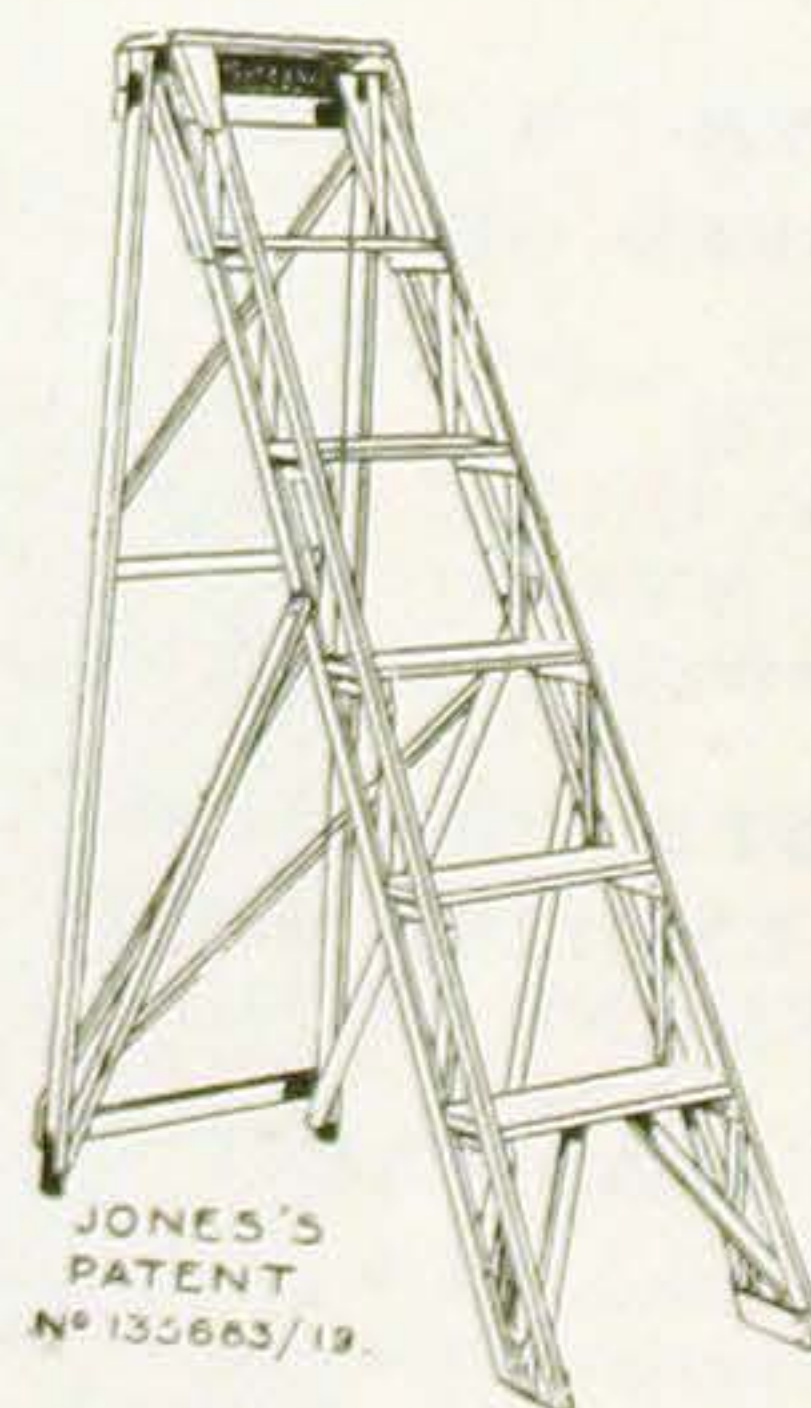
EXTRA HIGH LATTICE STEPS.

Great care is taken in the manufacture of these Steps, they are extremely strong and perfectly safe, with a substantial ground bearing, are firm at all heights, and will carry great weight. These Steps have been made with a view to good service and as proof of their firmness, we may say that these have been made sizes to open 22 ft., and have maintained their rigidity throughout.

If desired we can supply these Steps with Platform Table.

No. PHQ 7466

Height Closed.	Height Open.	No. of Treads.	Price. In Deal.	Price. In Birch.
10' 3"	9' 3"	11	42/-	70/-
11' 2"	10' 1"	12	45/-	78/-
12' 1"	10' 11"	13	50/-	87/-
13' 0"	11' 8"	14	54/-	95/-
13' 11"	12' 5"	15	58/-	104/-
14' 10"	13' 2"	16	62/-	113/-
15' 9"	14' 2"	17	66/-	123/-



FOLDING LATTISTEPS.

These Steps are exceptionally strong and are so well balanced that even the most careless user has great difficulty in upsetting their stability. They are very rigid, fold compactly, and will last a lifetime.

Thousands of these Steps are now in use.

No. PHS 7468

Height Closed.	Height Open.	No. of Treads.	Price. In Deal.	Price. In Birch.
1' 10"	1' 9"	2	4/6	7/9
2' 9"	2' 7"	3	6/9	11/6
3' 8"	3' 5"	4	8/3	14/3
4' 7"	4' 3"	5	10/-	17/6
5' 6"	5' 1"	6	12/-	21/-
6' 7"	5' 11"	7	14/-	24/6
7' 6"	6' 9"	8	17/-	29/-
8' 5"	7' 7"	9	21/-	33/6
9' 4"	8' 5 1/2"	10	25/-	37/6

Patent Safety EXTENSION LADDERS.**No. PHS 7469**

Invaluable to Municipal Authorities, Gas Companies, Builders, etc., etc.

Strong, Light, Durable and Safe. There are no complicated catches, hinges or screws to work loose; no springs to break and require replacement. The working is simplicity itself. Each ladder in two or three sections provides so many short ladders, easily detachable. They can be readily put together and quickly extended to full length. The Extension Pieces slide easily up and can be adjusted to the required length or height. A man can use these Ladders and do the necessary work, whereas with the ordinary style two or three men and ladders would be required. Thus by their use a considerable saving in plant and labour is effected.

Every Ladder is carefully tested before despatch.

Prices Two Section Ladders.				Price
Ref.	Rungs.	Hgt. closed.	Extends to	Varnished.
O	16	6' 9"	11' 3"	£1 13 9
D	18	7' 3"	13' 0"	2 1 6
E	20	8' 0"	14' 6"	2 6 6

Ladder O is especially recommended for Library use.

Ladders D and E are built slightly heavier.

Two Section Ladders.

With Rope and Pulley Attachment, as illustration.

Ref.	Rungs.	Hgt. closed.	Extends to	Price
F	24	9' 6"	17' 6"	£3 0 0
G	28	11' 0"	20' 6"	3 15 6
G1	30	11' 9"	21' 6"	4 2 6
H	32	12' 6"	22' 3"	4 7 0
I	36	14' 0"	25' 3"	5 1 0
J	40	16' 0"	29' 0"	5 15 0
J1	42	16' 9"	30' 6"	6 7 6
K	48	18' 0"	33' 6"	7 7 0

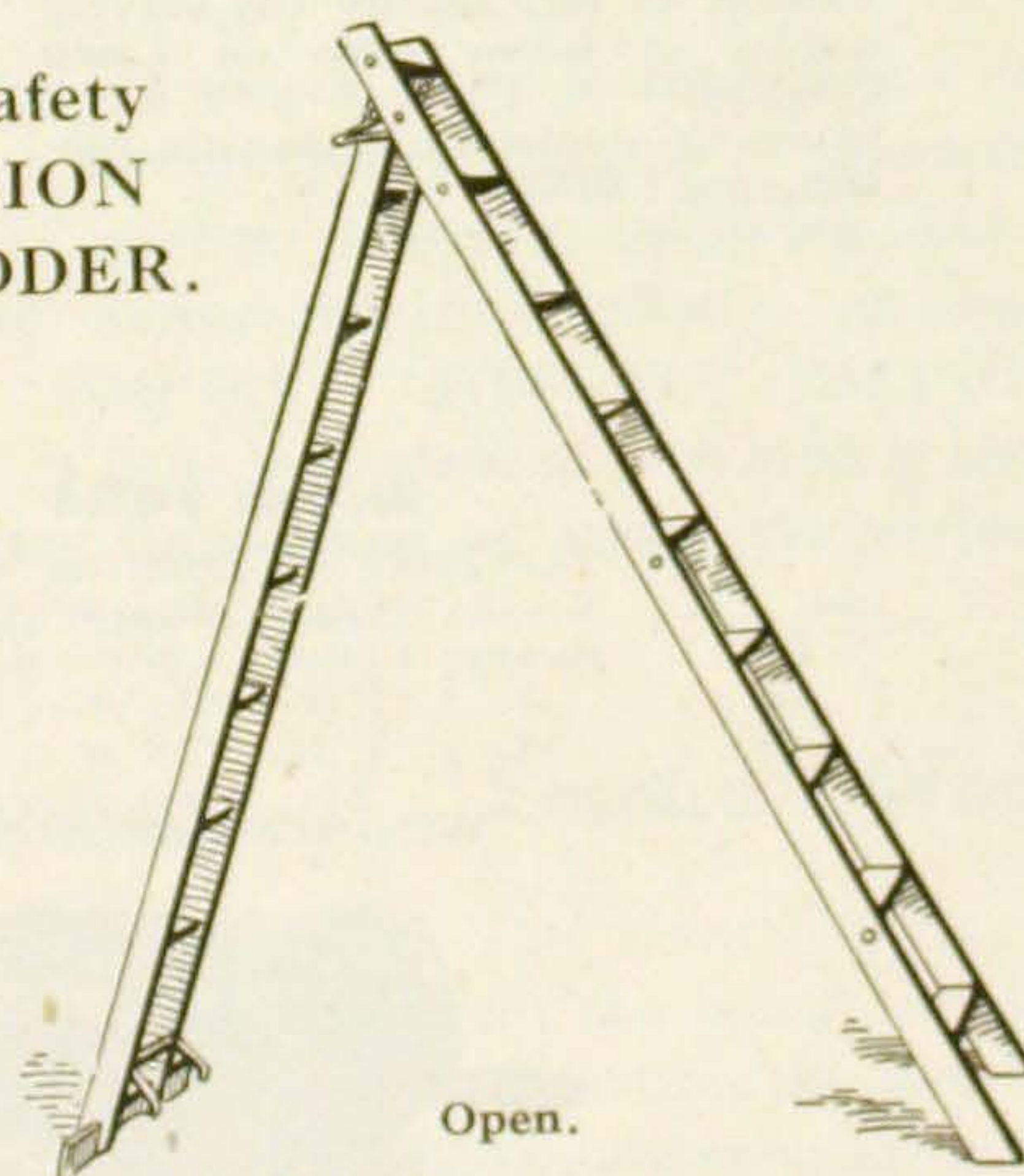
Three Section Ladders.

With Rope and Pulley Attachment.

Ref.	Rungs.	Hgt. closed.	Extends to	Price
L	50	13' 6"	33' 6"	£8 8 9
M	59	15' 6"	40' 3"	10 6 9
N	68	18' 0"	46' 3"	12 6 6

Note.—Both sections of Ladder K and all three sections of Ladders M and N have a steel cable inserted in the back. This adds greatly to the rigidity of the ladder; for this no extra charge is made.

Models K, L, M and N have rollers fitted to the top section to facilitate raising.

No. PHS 7469**Patent Safety EXTENSION STEP LADDER.****No. PHS 7472**

This Step Ladder is essential for all establishments. It has no complicated parts, and is light, strong and safe.

It can be used as a Ladder by sliding the back part up and letting the hooks catch, and is lowered very easily.

Ladder accidents need never happen if this Ladder is used.

Ref.	No. of Steps as Step Ladder.	No. of Steps in Ladder.	Height Closed.	Height Extended.	Price.
A	5	9	4' 3"	6' 8"	1 0 3
B	6	11	5' 0"	8' 3"	1 2 10
C	7	13	6' 0"	10' 0"	1 5 4
X	8	15	6' 9"	11' 6"	1 13 9
Y	9	17	7' 6"	13' 0"	2 4 0
Z	10	19	8' 7"	15' 0"	2 9 0

Extended

PHS—Stock Lines; PHQ—Quick Delivery.

Patent Safety EXTENSION TAPER LADDER.**No. PHS 7470**

Invaluable where a narrow top is required.

Similar in construction to Ladders D and K (No. PHS 7469) except that the top is narrower and has a groove on the underside to fit the External Angle of Window Frames, etc.

The sides of all these Ladders are made from a specially imported timber, its principal characteristics being lightness, toughness and strength. The rungs are of seasoned English Heart of Oak.

Ref.	Rungs.	Height Closed.	Height Extended.	Price Varnished.
*R1	20	8' 3"	14' 9"	2 12 6
R2	24	9' 9"	17' 9"	3 3 6
R3	28	11' 3"	20' 9"	3 19 3
R4	32	12' 9"	22' 9"	4 10 6
R5	36	14' 3"	25' 6"	5 6 6

*Note.—R1 is not fitted with Ropes and Pulleys as shown in the illustration.

No. PHS 7470**Patent Safety TRESTLE LADDER.****No. PHQ 7471**

As a Trestle.



As an Extension Ladder.

No. PHQ 7471

Ref.	Treads	Height Closed.	Height Extended.	Price Varnished.
S1	21	8' 6"	15' 0"	£2 13 3
S2	23	9' 3"	16' 6"	3 0 0
S3	25	10' 0"	18' 0"	3 6 8
S4	27	10' 9"	19' 3"	3 15 0

If with Hardwood Treads, 15% extra.

No. PHQ 7471

This Trestle Ladder has proved itself without doubt the greatest boon to Plumbers, Decorators, Builders, etc. It is the handiest appliance in the Building Trade. When in use as a Trestle, the greater the super-imposed weight, the tighter the parts are bound together by our Patent Top Irons. It is light, but very strongly constructed, and it is capable of carrying any reasonable weight. By closing the Trestle and raising the back section, the Automatic Hooks lock on every tread, and it can be used as an Extension Ladder. The sides and treads are all made from specially selected timber.

"A" Basis.

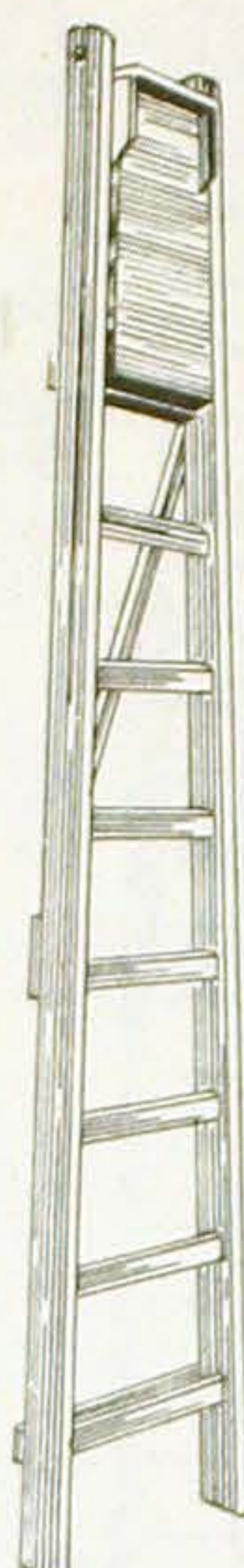
PLATFORM TRESTLE LADDER.



Open.

Kindly state
Ref. Letter when
ordering.

Carriage Paid to
any Station in
the United
Kingdom.



Closed.

No. PHQ 7460

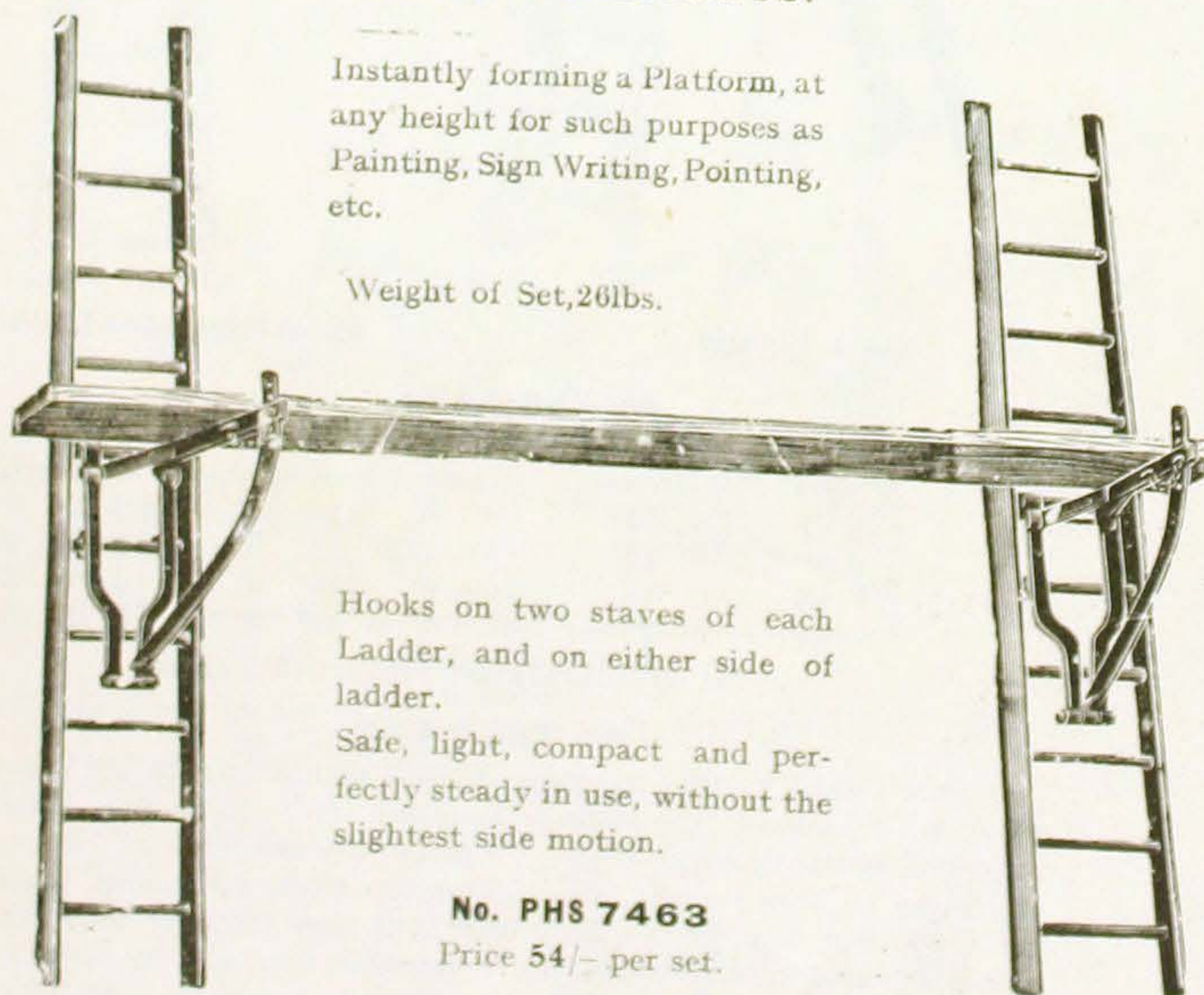
Highly suitable for Decorators, Plumbers, Electricians and Builders.

This Platform Trestle Ladder is so constructed that the encumbering cords and cross stays are dispensed with. The Platform is so arranged as to hold the Ladder secure when open.

The Platform automatically folds flat when the Ladder is being closed. It is large enough to give standing room, and will also hold a tool box or pail and the whole folds together in an exceedingly small space.

Ref. No.	No. of treads in Front Side.	Height to Top of Platform.	Price Varnished.
T.1.	8	6' 3"	£1 18 0
T.2.	11	9' 0"	£2 10 9
T.3.	14	11' 6"	£3 5 0

JACOB NEILD'S PATENT ADJUSTABLE LADDER BRACKETS.



Instantly forming a Platform, at any height for such purposes as Painting, Sign Writing, Pointing, etc.

Weight of Set, 26lbs.

Hooks on two staves of each Ladder, and on either side of ladder.

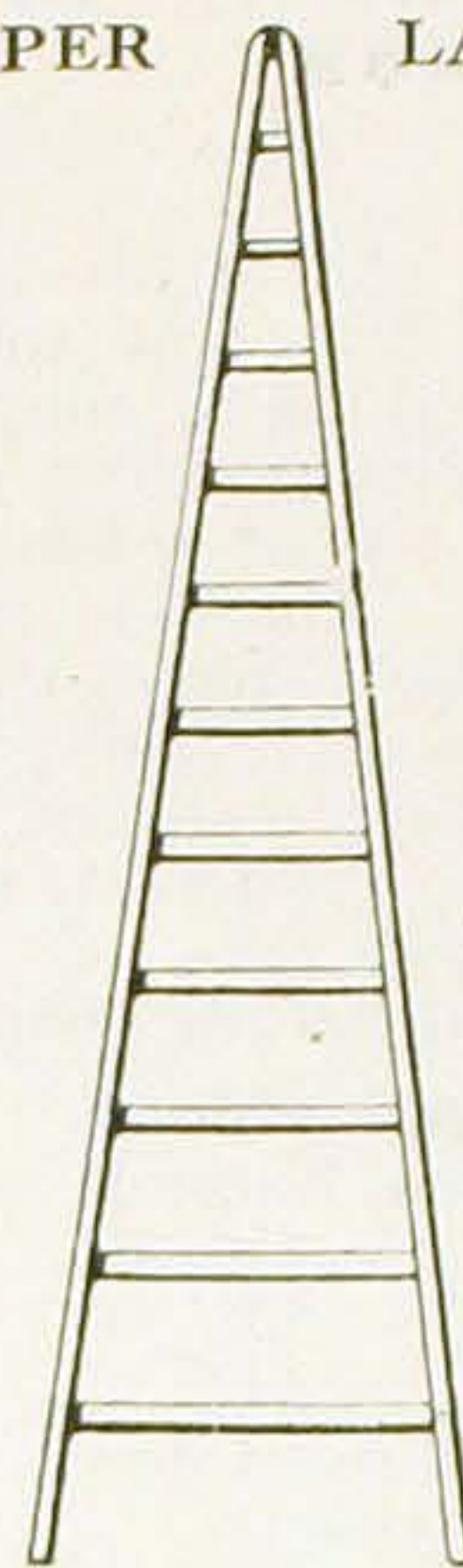
Safe, light, compact and perfectly steady in use, without the slightest side motion.

No. PHS 7463

Price 54/- per set.

Supplied to suit 9" rise of tread unless otherwise ordered.

WINDOW CLEANER'S TAPER LADDER.

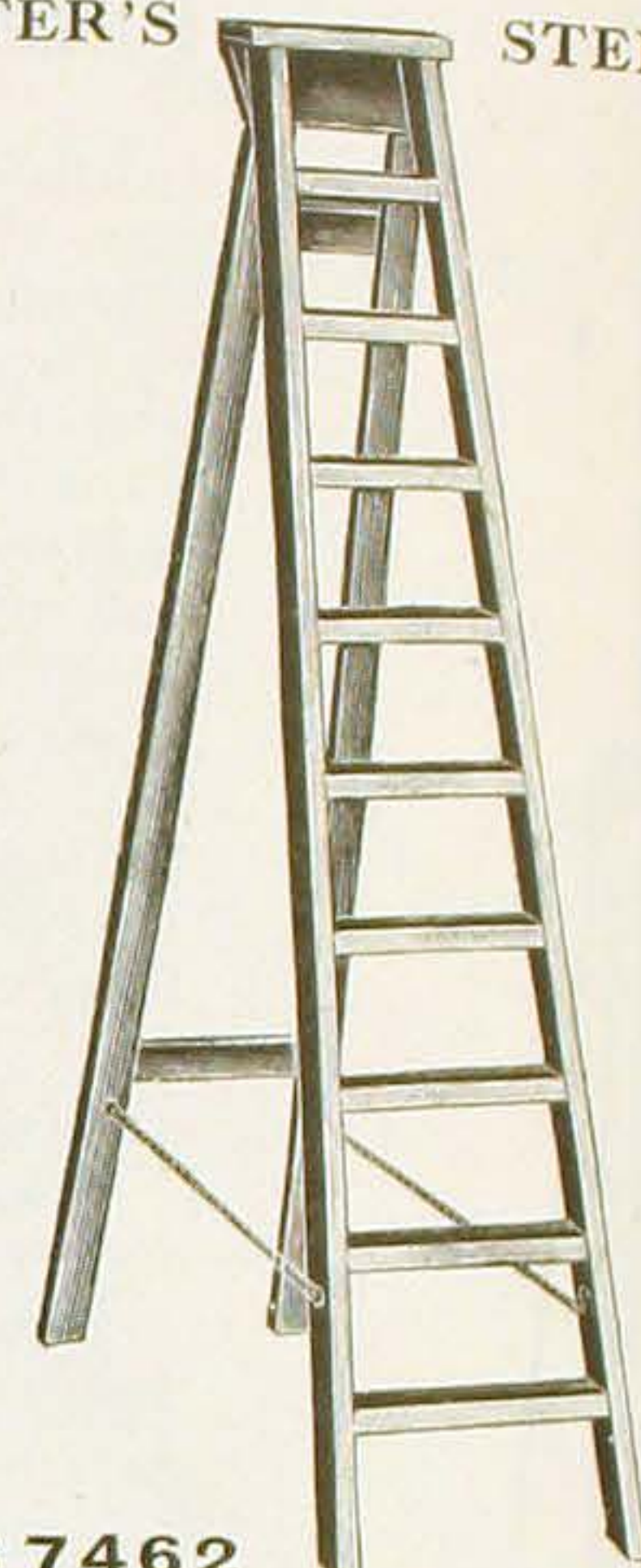


No. PHS 7461

Made from a specially imported timber, which combines lightness with toughness and strength. The top is grooved on the underside to fit external angles of window frames.

Varnished 8 Rung Ladder .. 16/-
Extra per rung 2/-

PAINTER'S STEPS.



No. PHS 7462

Strong and well made.

Size.	Price.
6-tread	12/- each.
8 " " " " " "	16/- "
10 " " " " " "	22/- "
12 " " " " " "	26/- "

PATENT SAFETY EXTENSION LAMP CLEANER'S LADDER.

Specially designed to meet the requirements of Street Lighting.

Extends to suit exactly the varying heights of ladder rests on Lamp Columns.

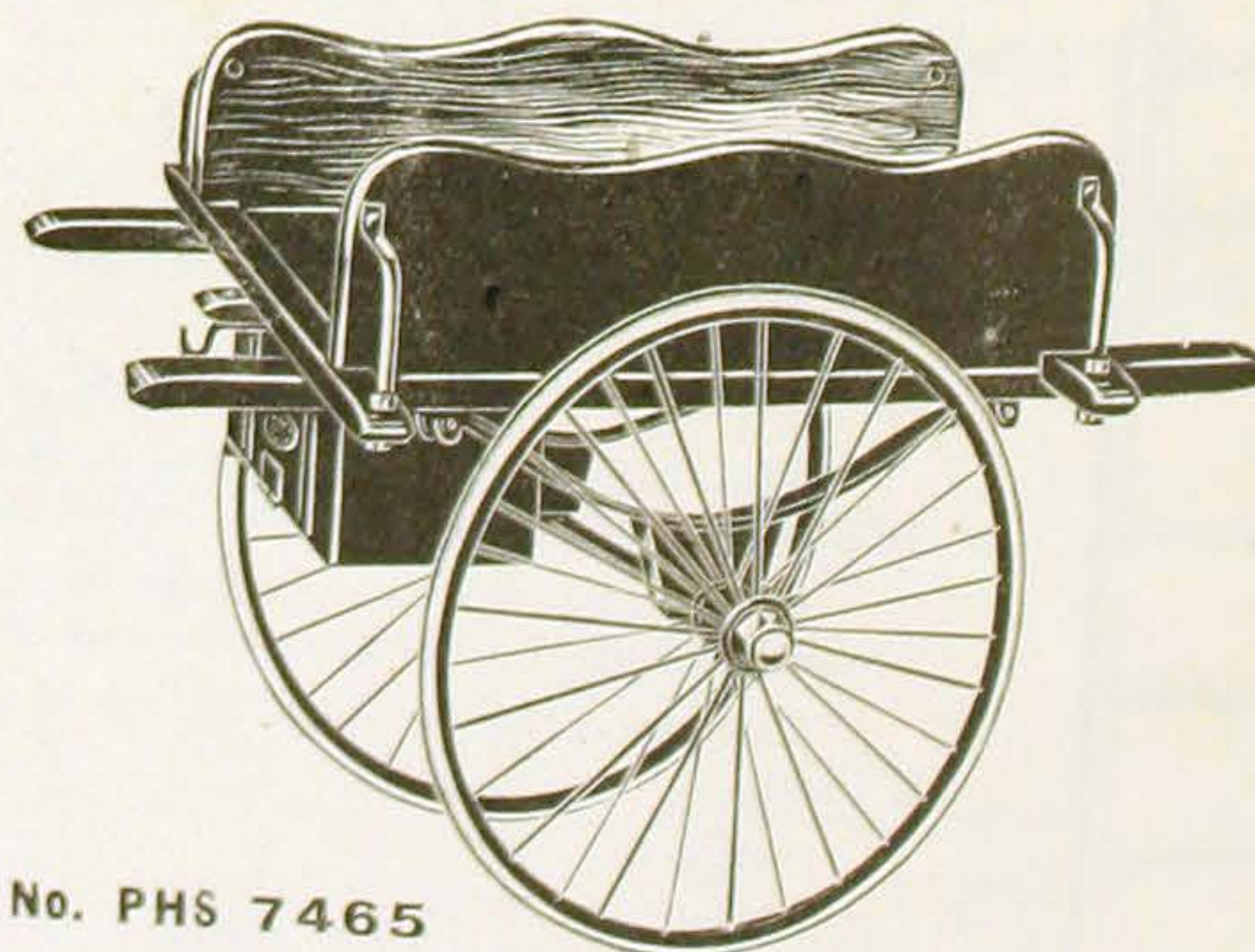
Stands at a safer angle than the old-fashioned Ladder.



No. PHS 7464

Ref.	No. of Rungs.	Height Closed.	Height Open.	Height Approx. weight lbs.	Price.
P.	12	7' 0"	12' 0"	15	£1 7 0
Q.	14	7' 3"	13' 0"	17	£1 10 6

WINDOW CLEANER'S HANDCART.



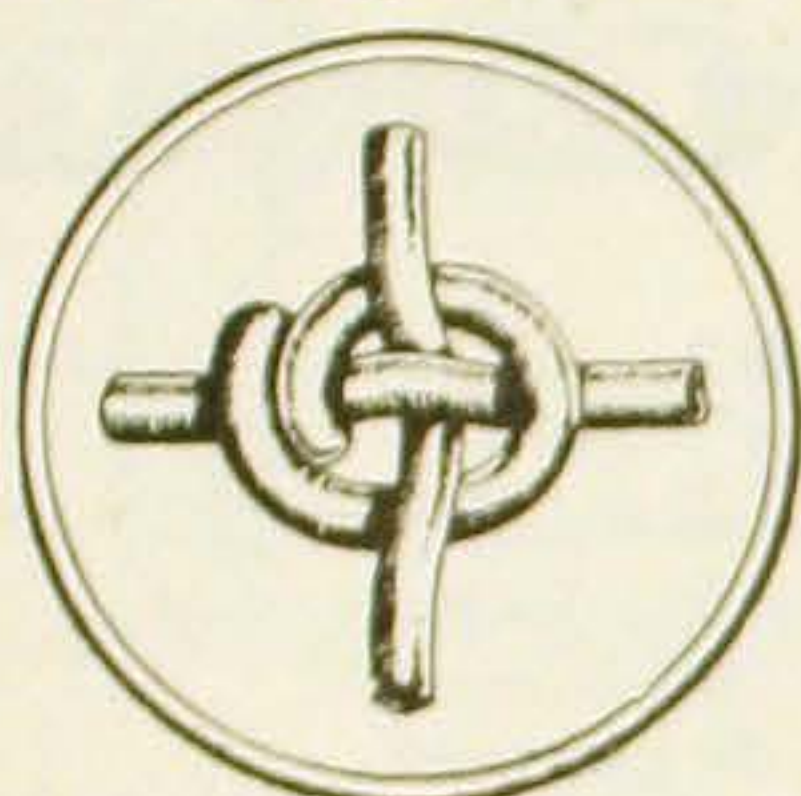
No. PHS 7465

The body is constructed of Ash and Elm throughout with hand-forged wrought ironwork. The springs are of 1 1/4" x 1/4" Spring Steel, and the wheels of 1/2" spokes built on 4 1/2" hubs (heavy malleable, 3/4" bore). Rubber tyred size 30" x 7/8". Polished Brass Hub Caps. Painted two coats in two colours, body green and wheels red. £7 7 0 each.

FENCING SECTION

"Empire" Hard Steel Woven Wire Fence

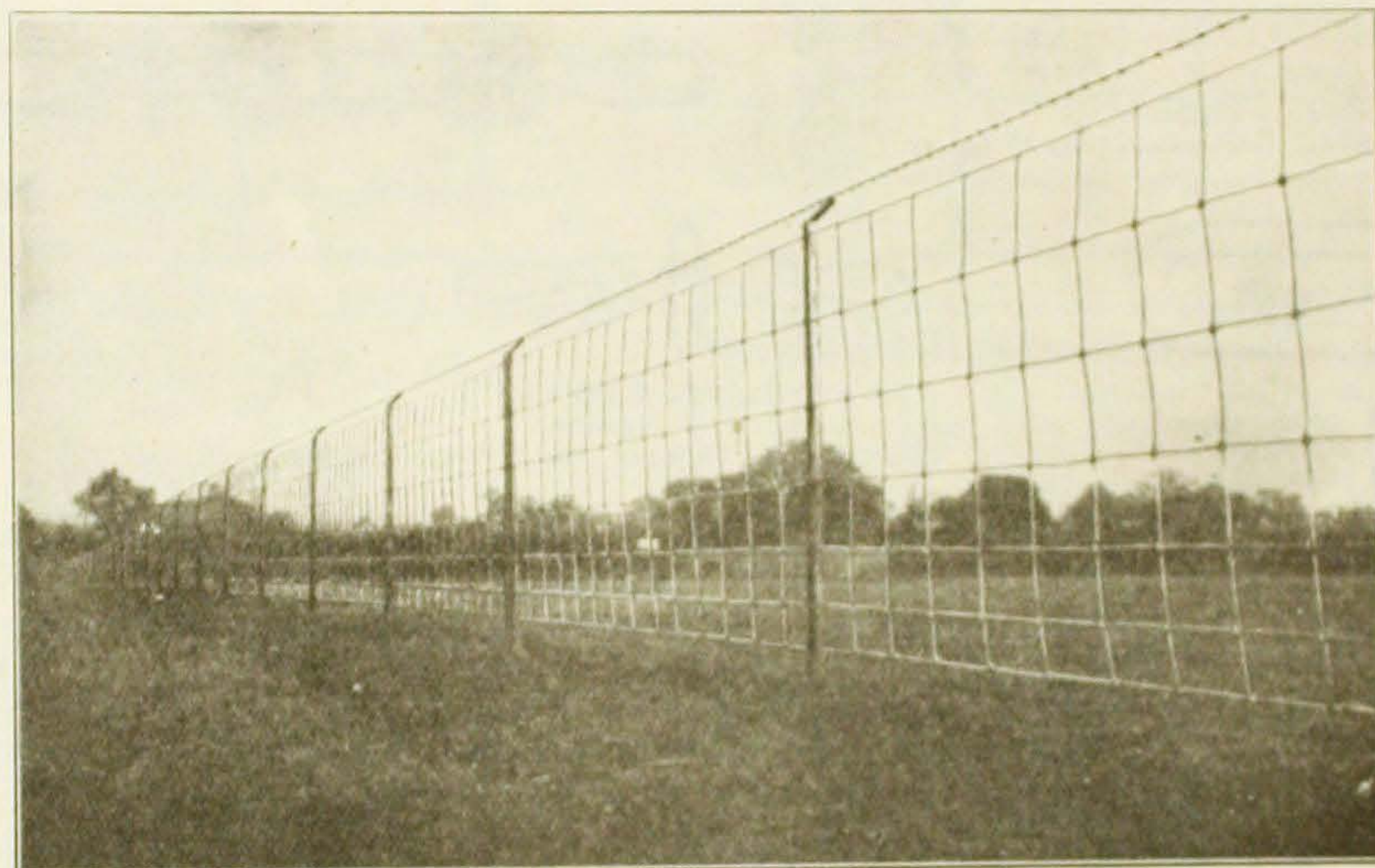
The "Empire" Knot.



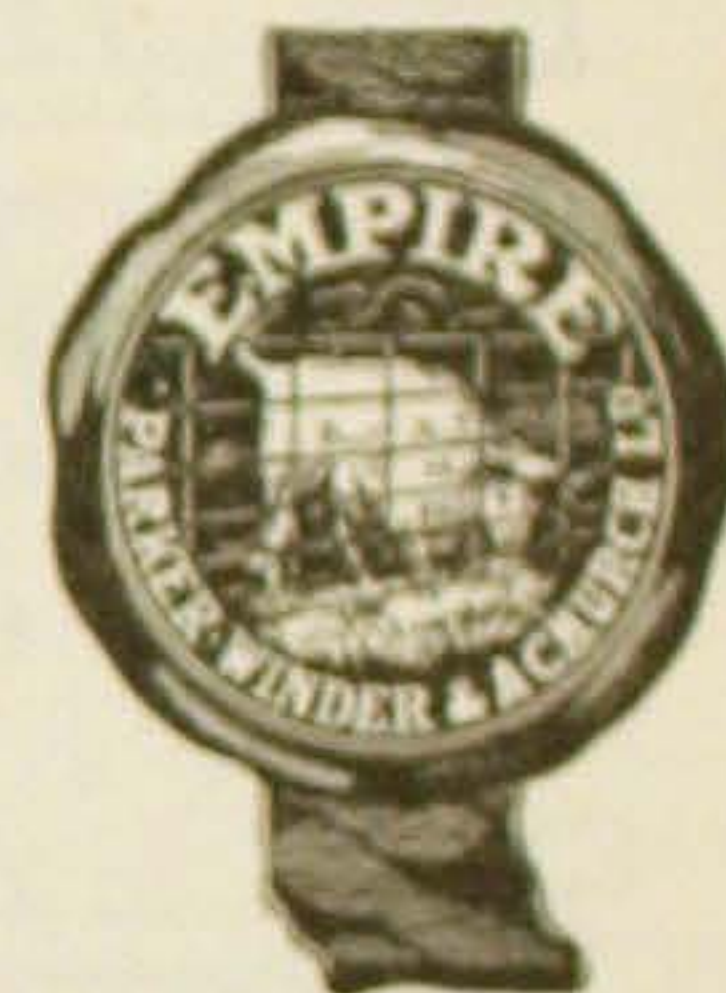
Perspective.



Section.



See this Trade Mark on every roll.

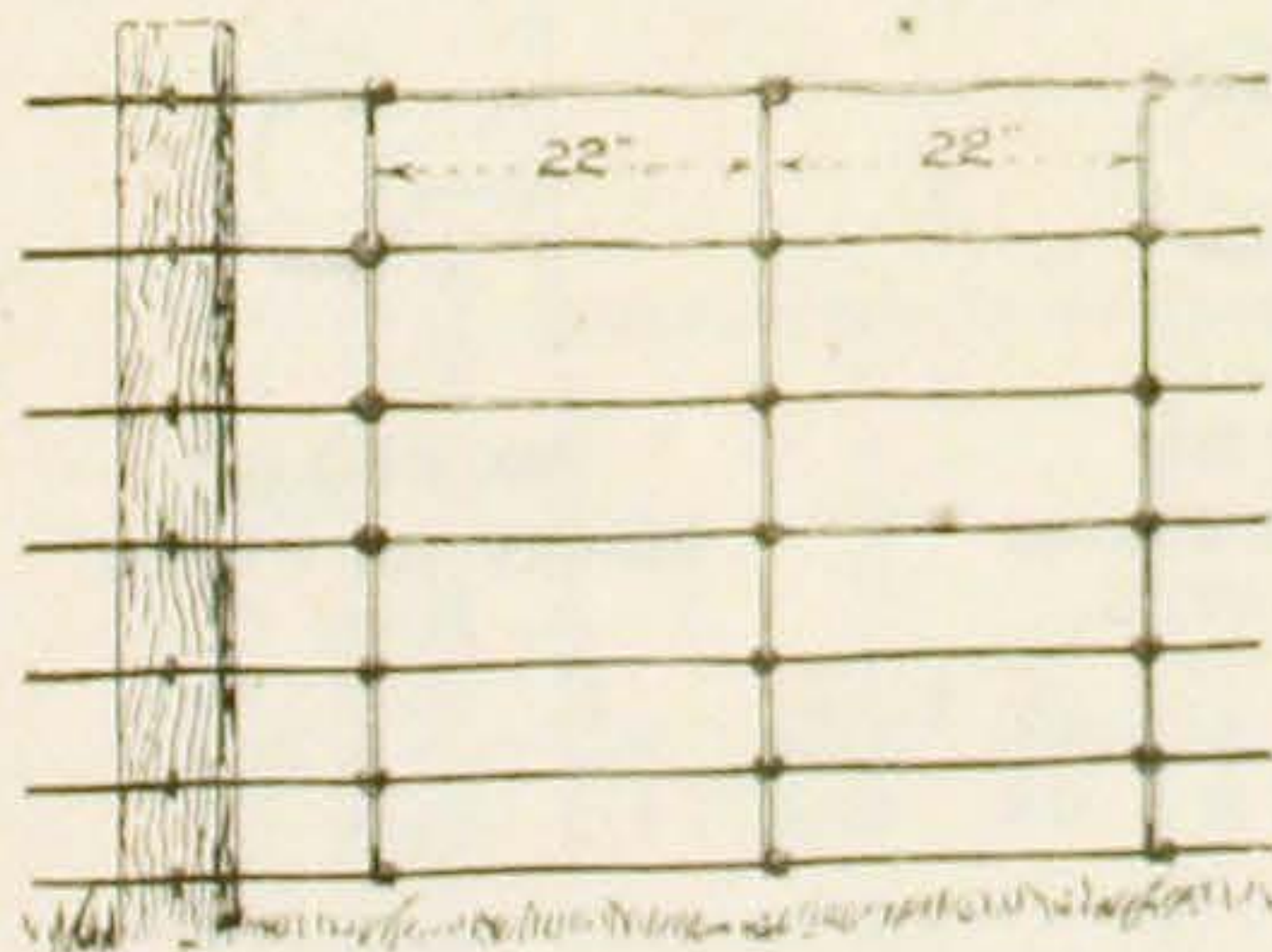


Significant of "Empire" Fence

A line of No. **PFS 748/11** "Empire" Fencing with a row of barbed wire, on lean-over arms fitted to "U" section standards, recently erected by P.W. & A. Ltd., as a boundary to a Works Extension.

THE following pages serve to illustrate a selection of the most popular "Empire" and Chain Link Fences. Should you be unable to select from the types shewn, feeling that some other type would suit your purpose better, please write and say your exact requirements, either asking our advice or requesting comprehensive Catalogue of any of the following fences: "EMPIRE" WOVEN WIRE FENCING, "EMPIRE" CHESTNUT PALING, CHAIN LINK, TRELLIS AND CLOSE-BOARDED FENCING. A little indication of each kind is represented on the following pages. You would, however, obtain a better impression by seeing the various Fences actually erected in our various Showrooms and we invite you to call.

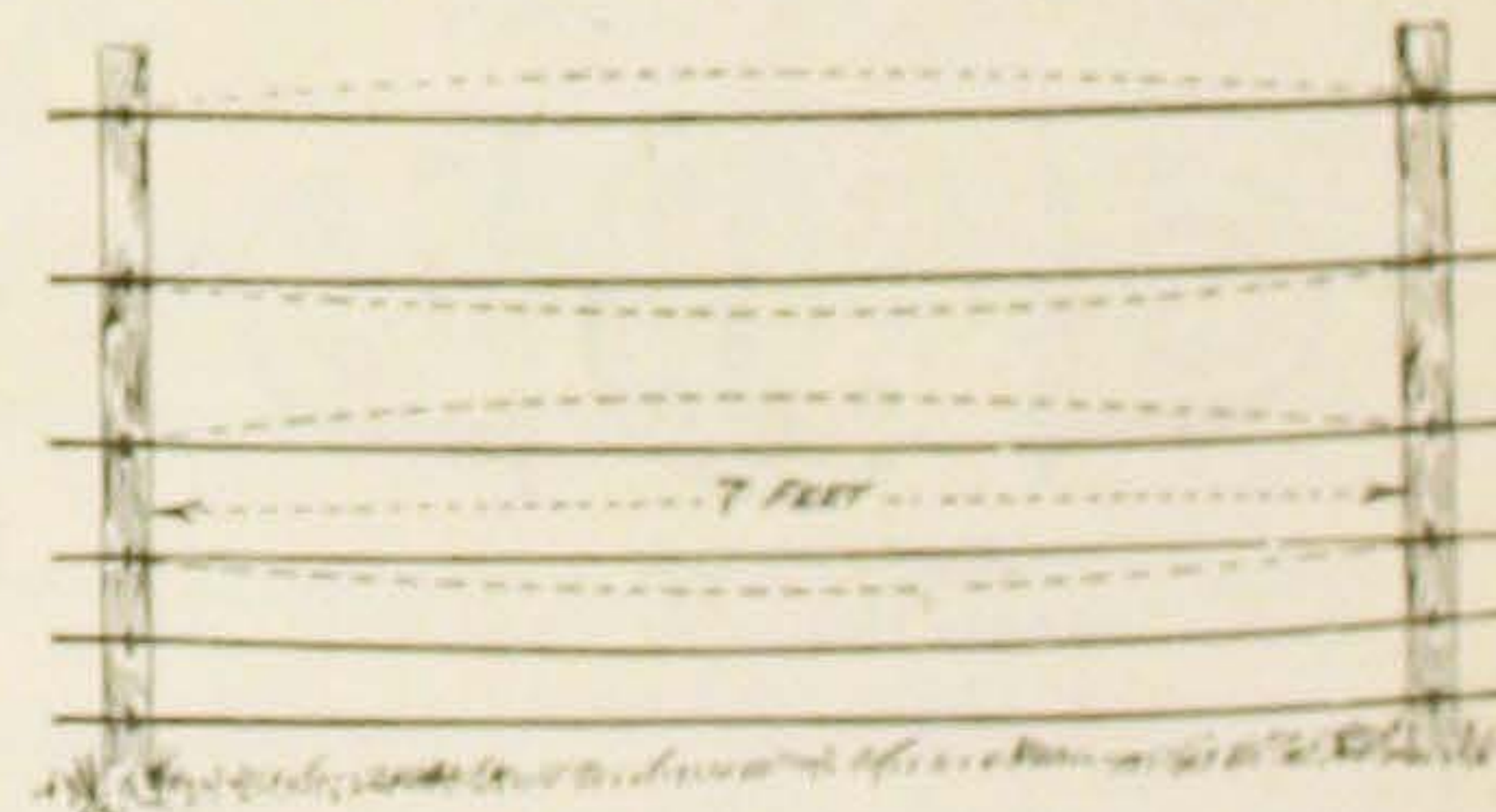
Advantages of "Empire" Woven Wire over a Plain Wire Fence.



"Empire" Fence.

The vertical wires of "Empire" Fences prevent the horizontal wires being forced apart, and thus have the same effect as Intermediate Standards or Droppers so that a smaller number of Standards are necessary for an "Empire" Fence than for a plain wire Fence.

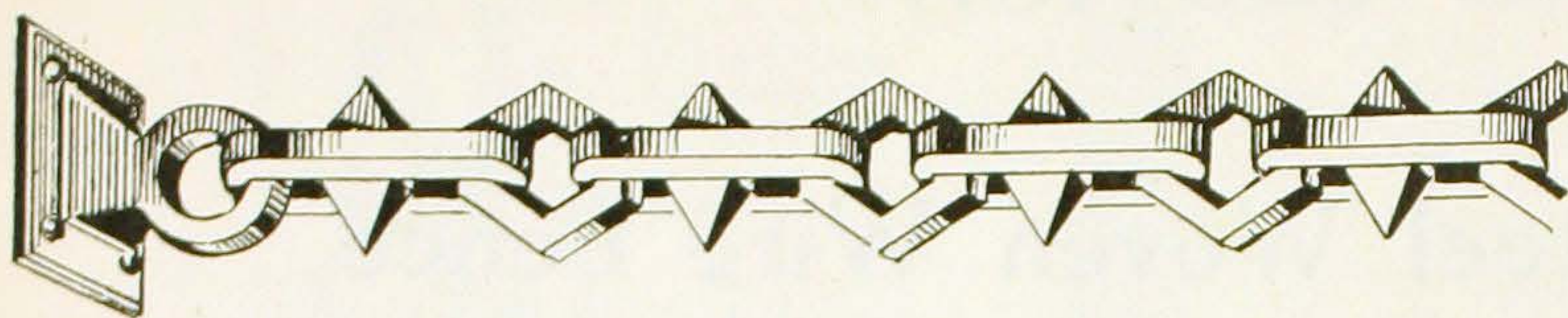
With "Empire" Fence the horizontals are bound together at intervals of never more than 22" and with some types of Fences, 11".



Plain Wire Fence.

In most plain Wire Fences the wires are never bound together, but only held in position by posts or standards every 7 feet. Thus the wires can be easily forced apart. An "Empire" Fence with posts every 12 feet, is satisfactory, because the wires are bound together and cannot be forced apart.

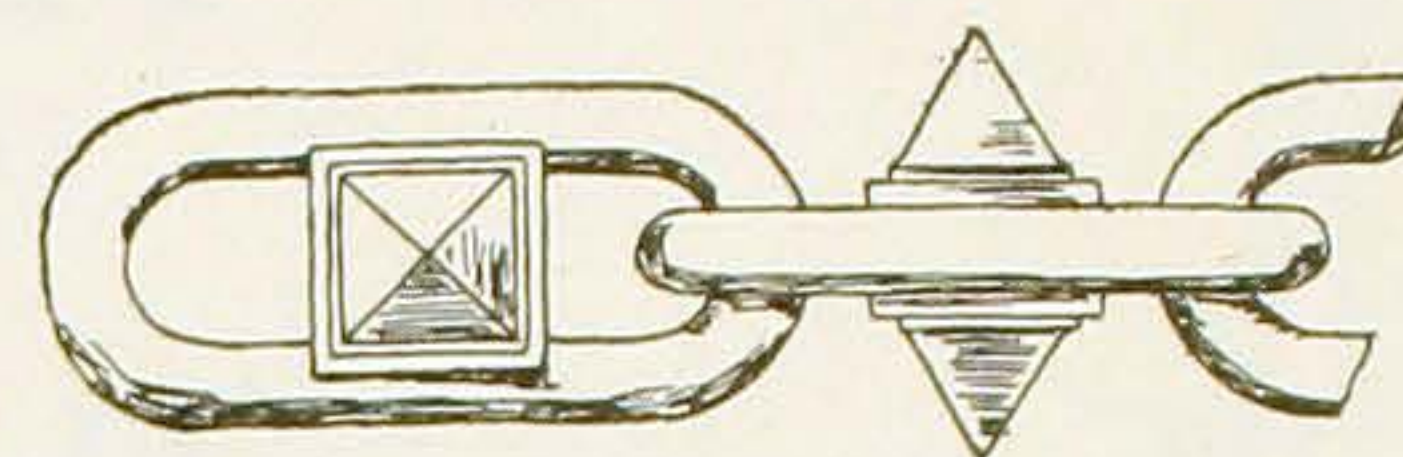
Ornamental Fencing Chains and Fittings.



No. PF0 760

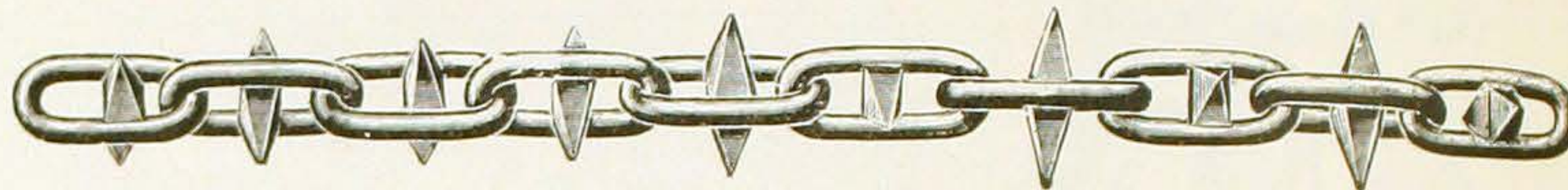
Plain long link (without spike) ... $\frac{3}{5}$... $\frac{3}{8}$ " diameter.
Spiked Link (as shewn) ... $\frac{3}{9}$... $\frac{4}{6}$ per yard.
... $\frac{3}{9}$... $\frac{5}{3}$ "

Self colour or blacked.
Japanned plus 10 per cent. Galvanized plus 25 per cent.



No. PF0 762

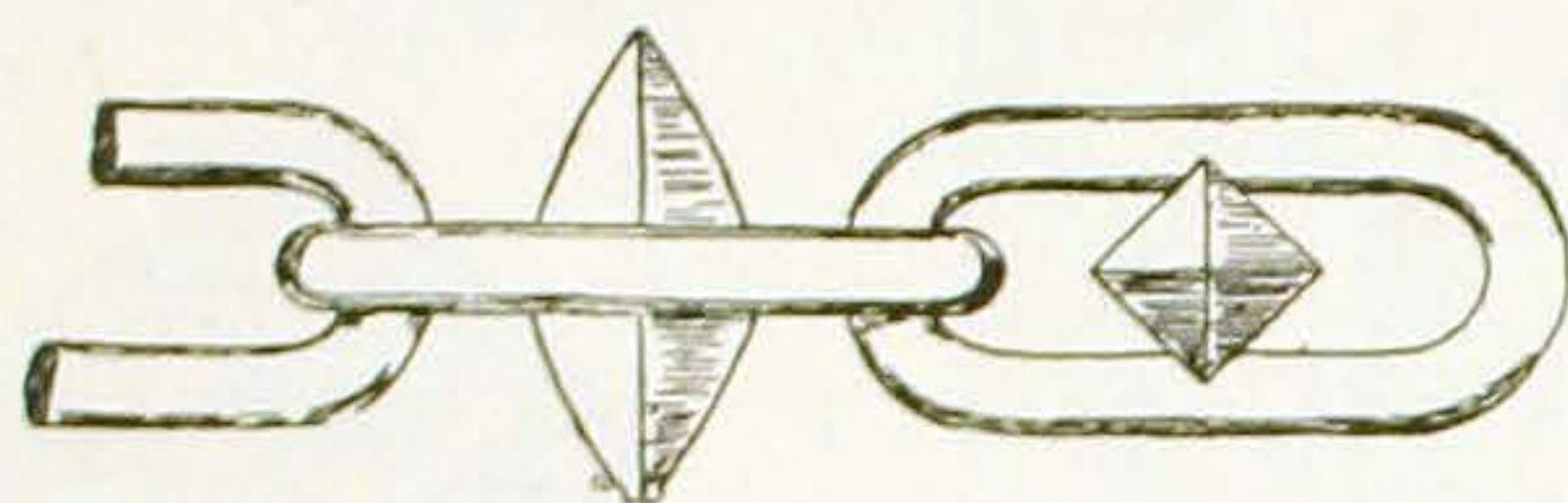
$\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{9}$ $\frac{4}{6}$ $\frac{5}{3}$ per yard.



No. PF0 761

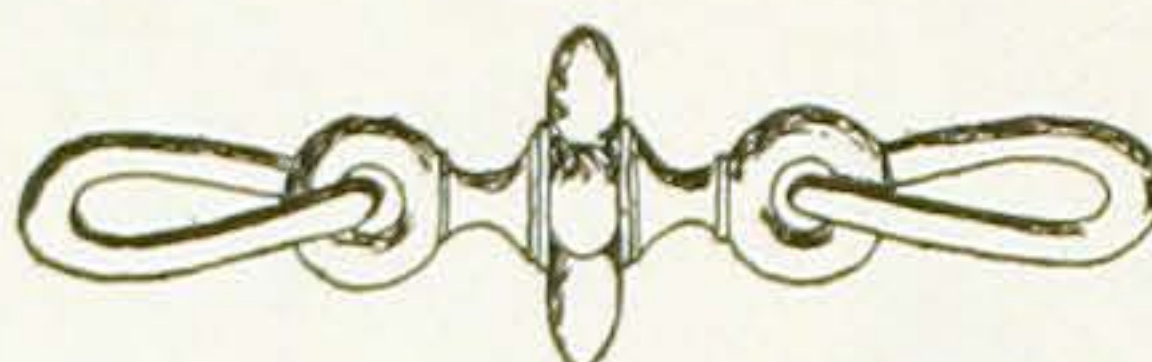
$\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " diameter.
 $\frac{1}{8}$ $\frac{1}{11}$ $\frac{2}{8}$ per yard.

Self Colour or Blacked.
Japanned plus 10 per cent.
Galvanized plus 20 per cent.



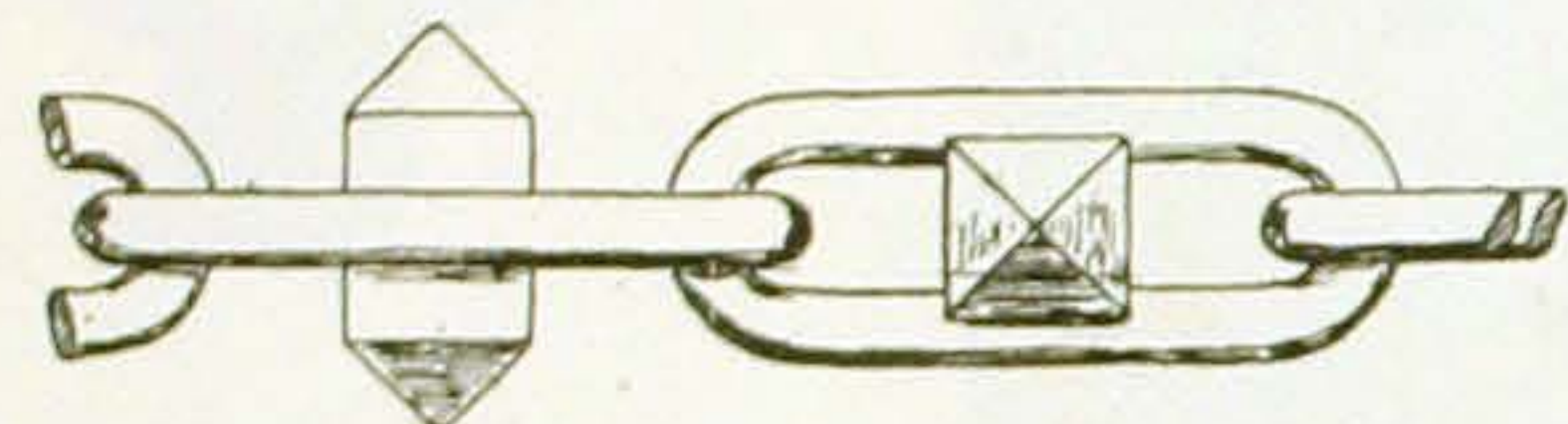
No. PF0 763

$\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{5}$ $\frac{4}{2}$ $\frac{4}{11}$ per yard.



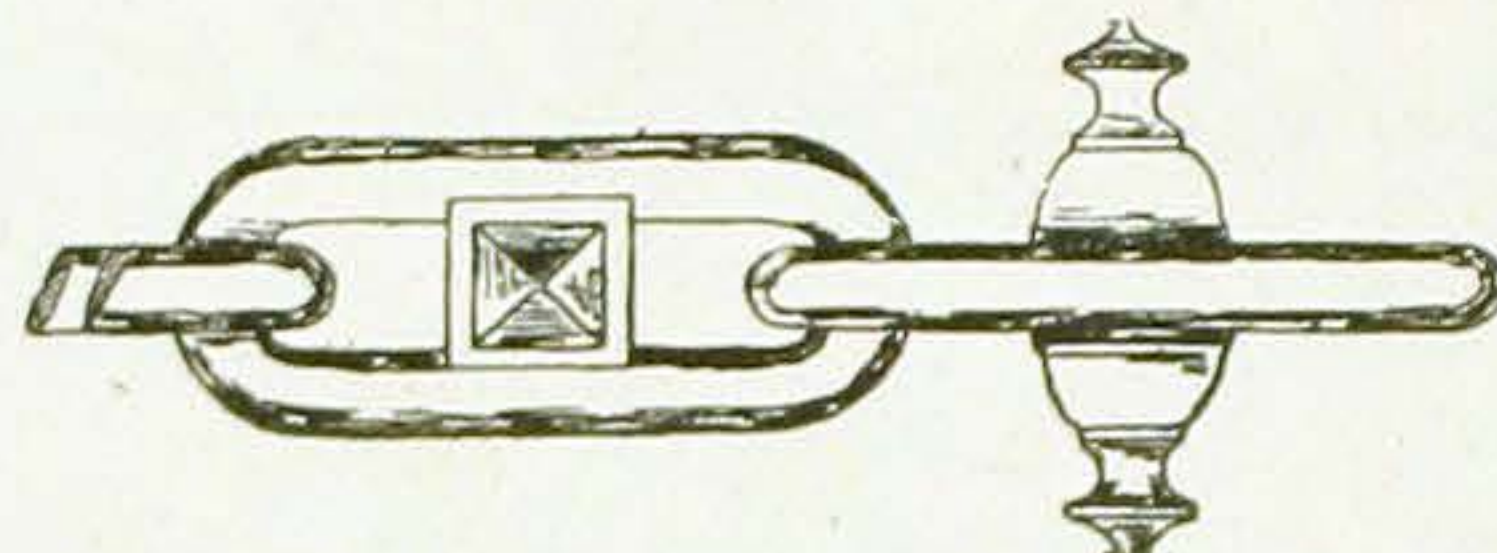
No. PF0 770

$\frac{5}{16}$ " $\frac{3}{8}$ " diameter.
 $\frac{3}{-}$ $\frac{3}{9}$ per yard.



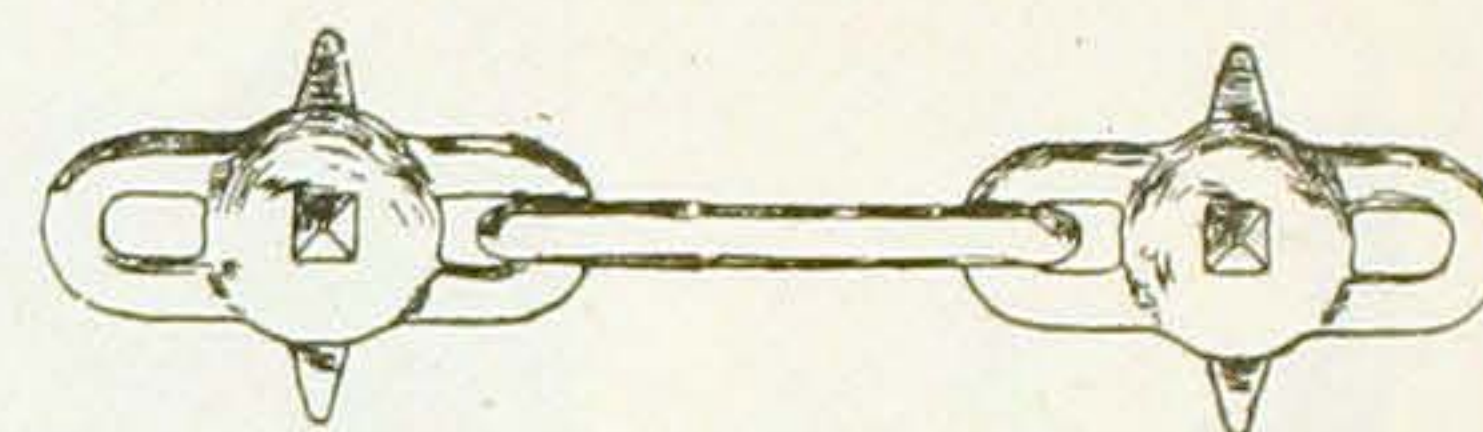
No. PF0 764

$\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{9}$ $\frac{4}{6}$ $\frac{5}{3}$ per yard.



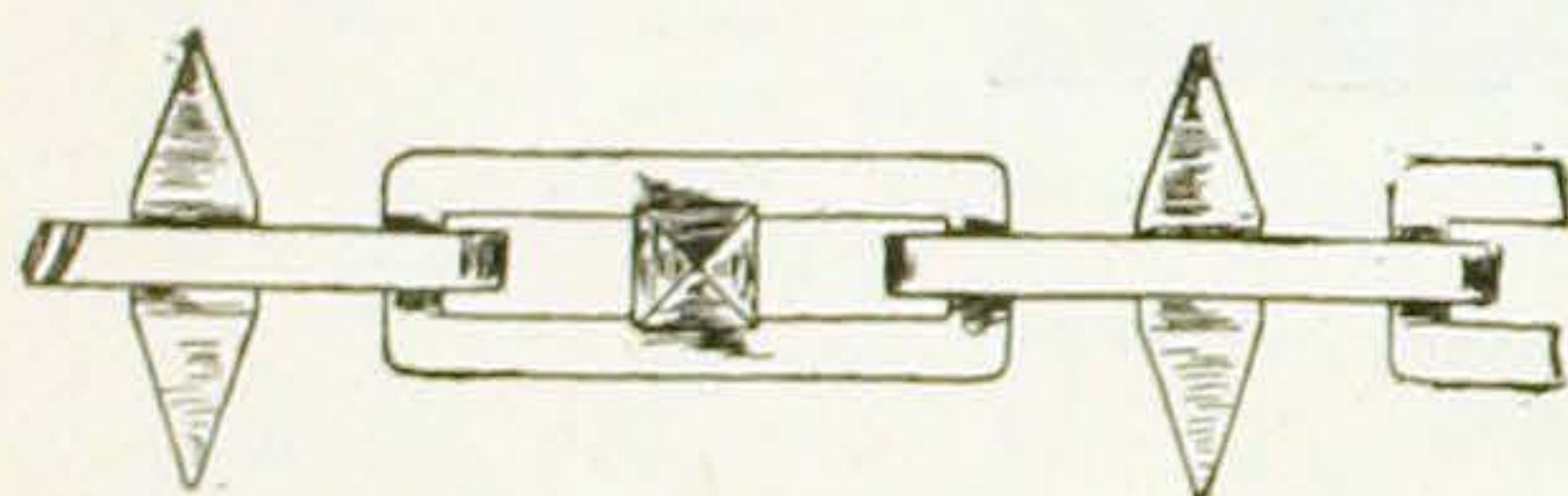
No. PF0 765

$\frac{13}{16}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{9}$ $\frac{4}{6}$ $\frac{5}{3}$ per yard.



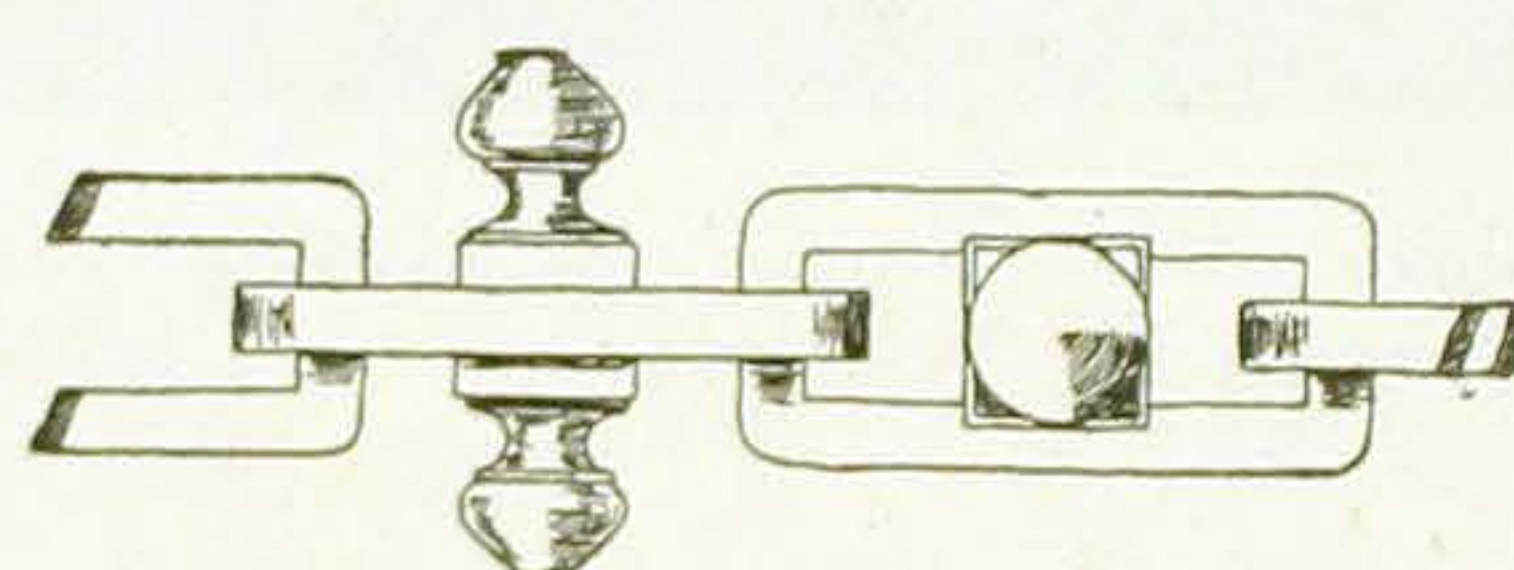
No. PF0 766

$\frac{5}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{-}$ $\frac{6}{9}$ per yard.



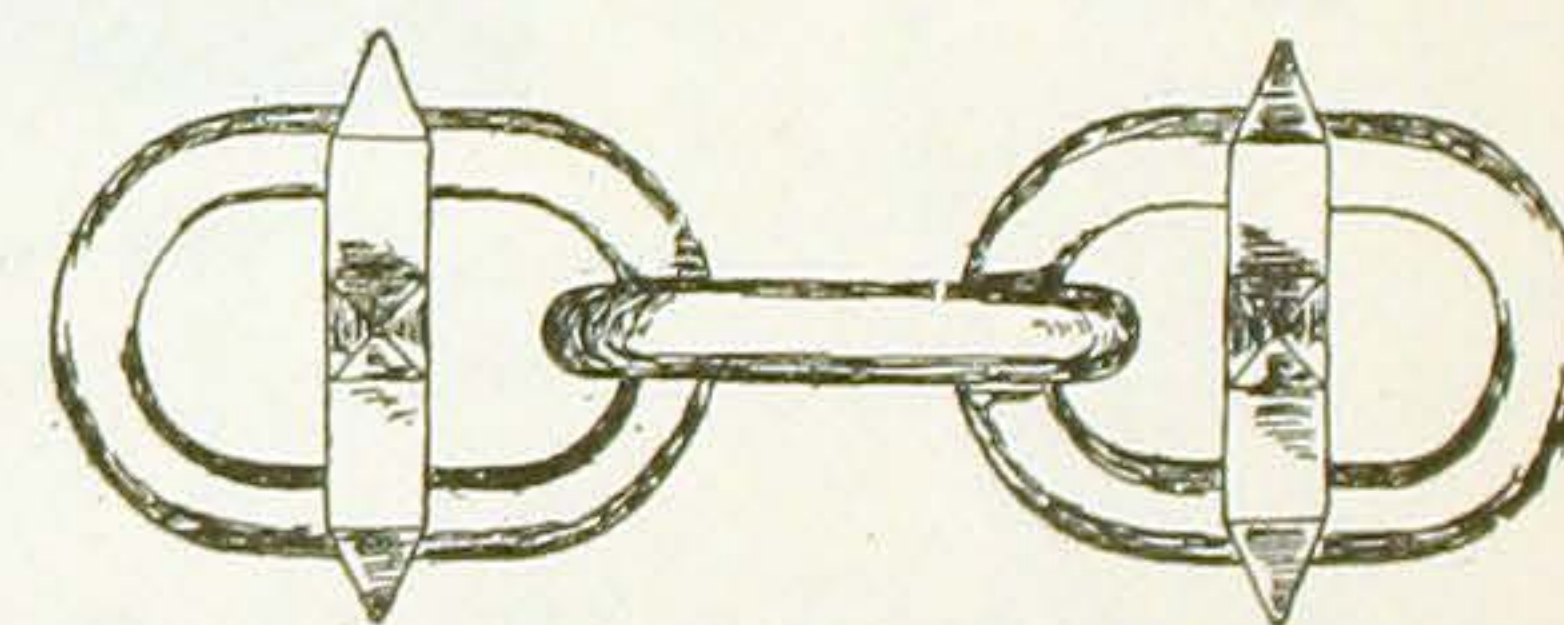
No. PF0 767

$\frac{3}{8}$ " $\frac{3}{4}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{3}{9}$ $\frac{4}{2}$ $\frac{4}{6}$ $\frac{5}{3}$ per yard.



No. PF0 768

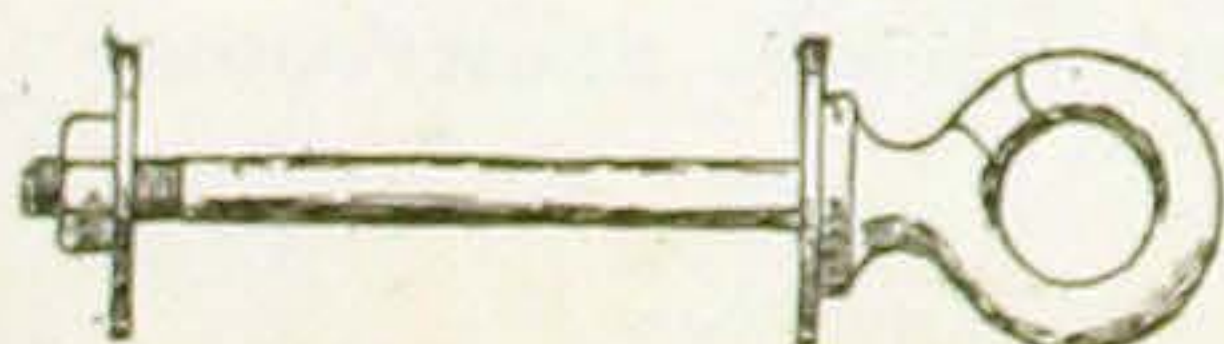
$\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " diameter.
 $\frac{5}{3}$ $\frac{6}{9}$ $\frac{9}{-}$ per yard.



No. PF0 769

$\frac{1}{2}$ " diameter, $\frac{6}{9}$ per yard.

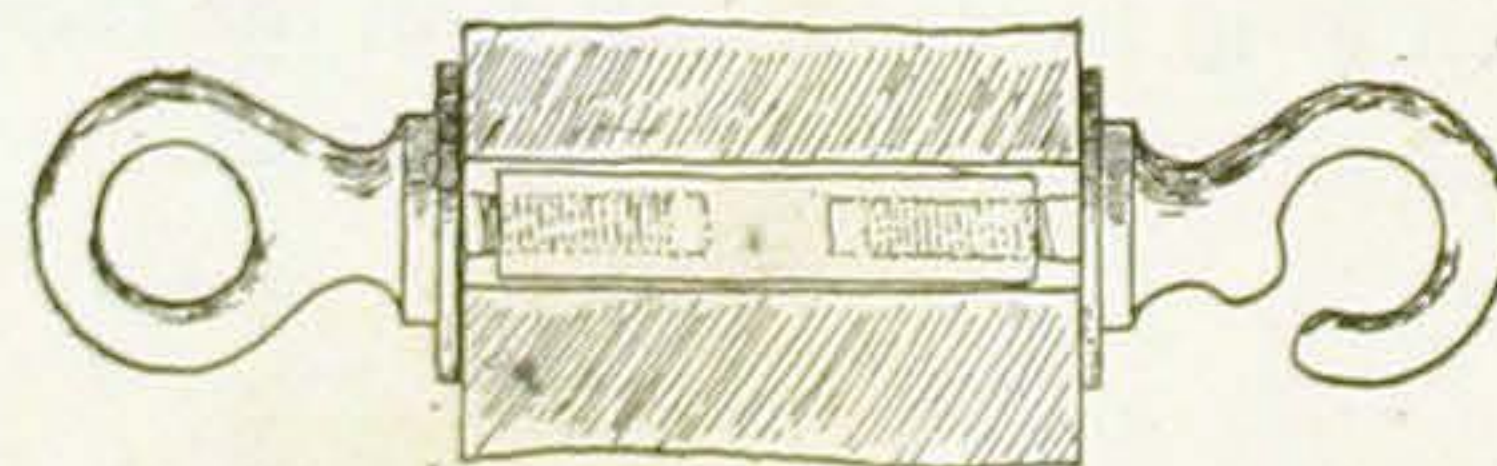
Chain Fittings.



No. PF0 28

Single Hooks or Eyes.

$\frac{1}{4}$ " $\frac{1}{2}$ " $\frac{3}{4}$ " $\frac{1}{2}$ " Chain.
9d. 11d. 1/2 1/5 each.



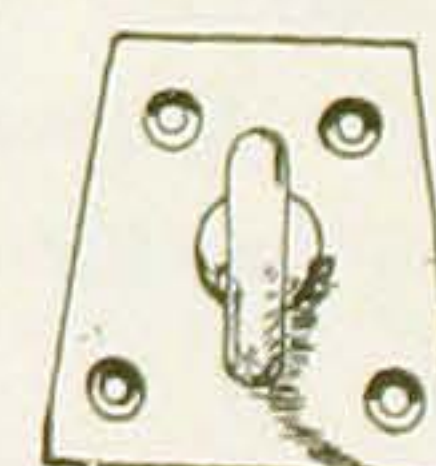
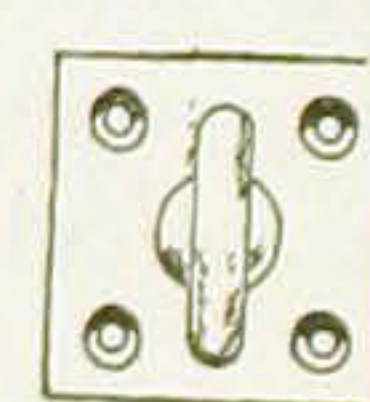
No. PF0 29

Double Eyes $\frac{1}{4}$ " $\frac{1}{2}$ " $\frac{3}{4}$ " $\frac{1}{2}$ " Chain.
" Hooks $\frac{1}{4}$ " $\frac{1}{2}$ " $\frac{3}{4}$ " $\frac{1}{2}$ " Chain.
1/4 1/9 2/6 2/9 each.

A

B

C



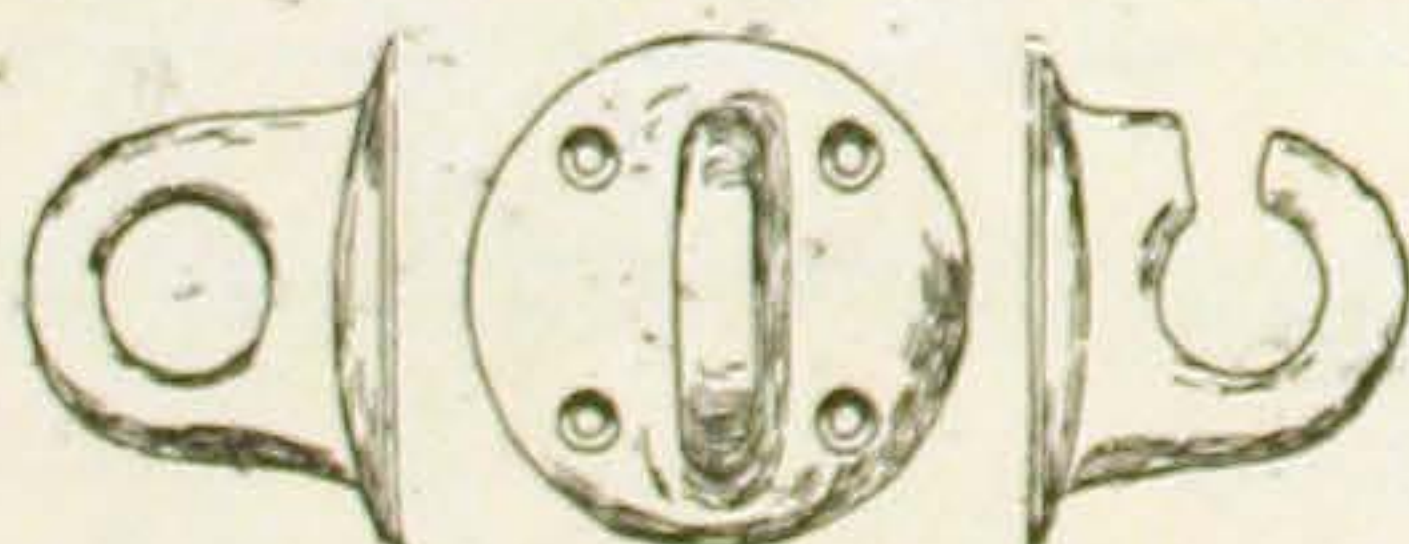
No. PF0 30

Eyes on Plates
A, B or C.

No. PF0 30 9d. 11d. 1/2 1/5 each.
No. PF0 31 9d. 11d. 1/2 1/5 "

No. PF0 31

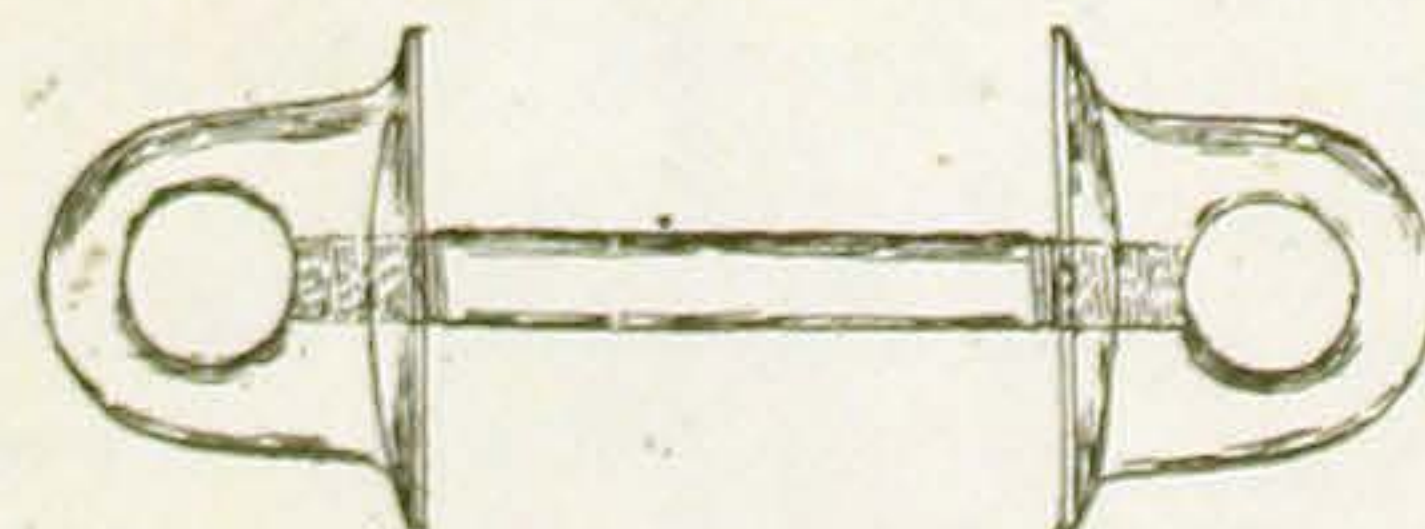
Hooks on Plates
A, B or C.



No. PF0 32

Single Hooks or Eyes.

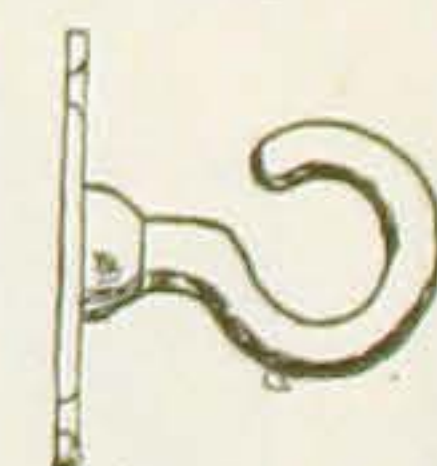
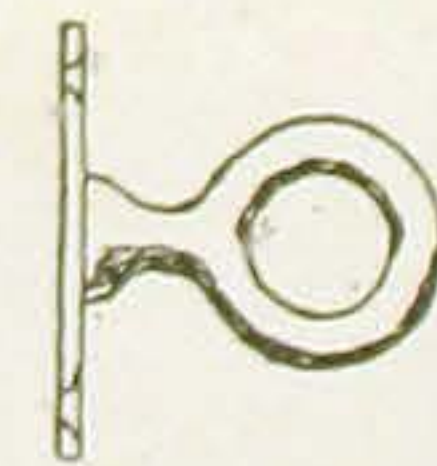
$\frac{1}{2}$ " Chain. 1/4 each.



No. PF0 33

Double Eyes.

$\frac{1}{2}$ " Chain, 2/6 each.



No. PF0 34

With Shackle Eyes.

$\frac{1}{6}$ " $\frac{3}{8}$ " Chain.
1/6 2/- per set.



No. PF0 35

Eyes with Split Link.

$\frac{1}{2}$ " $\frac{3}{8}$ " Chain.
1/2 1/6 per set.

Carriage paid on lots of 4 cwts and upwards. Smaller quantities 1/6 per consignment extra.

"EMPIRE" Fences

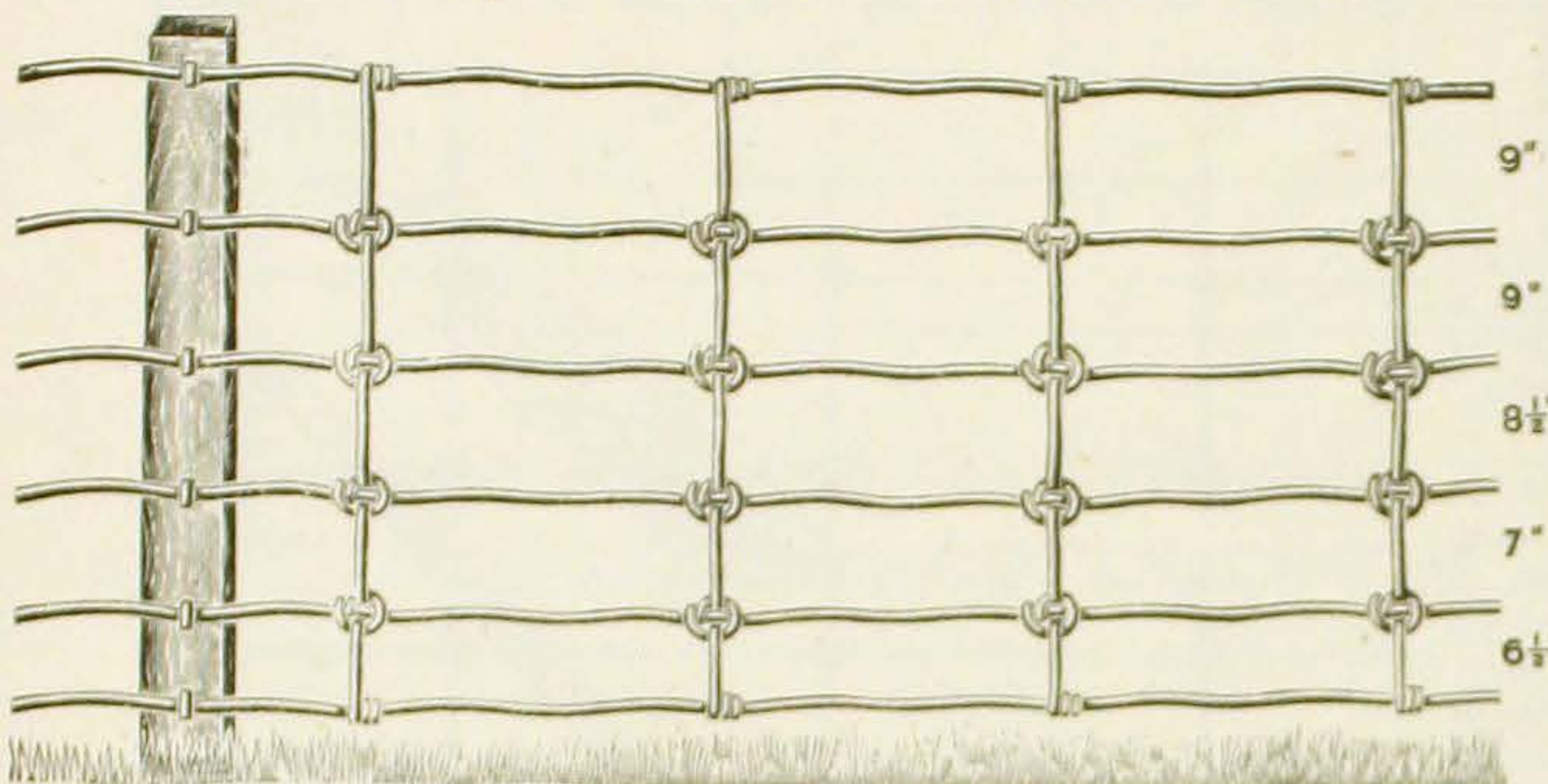
"Empire" Fences, save Posts, Staples and Labour.
Cheaper than Wood and easier to erect.

Prices are
Exclusive of
Posts, which
are Priced
on pages
494 and 495.

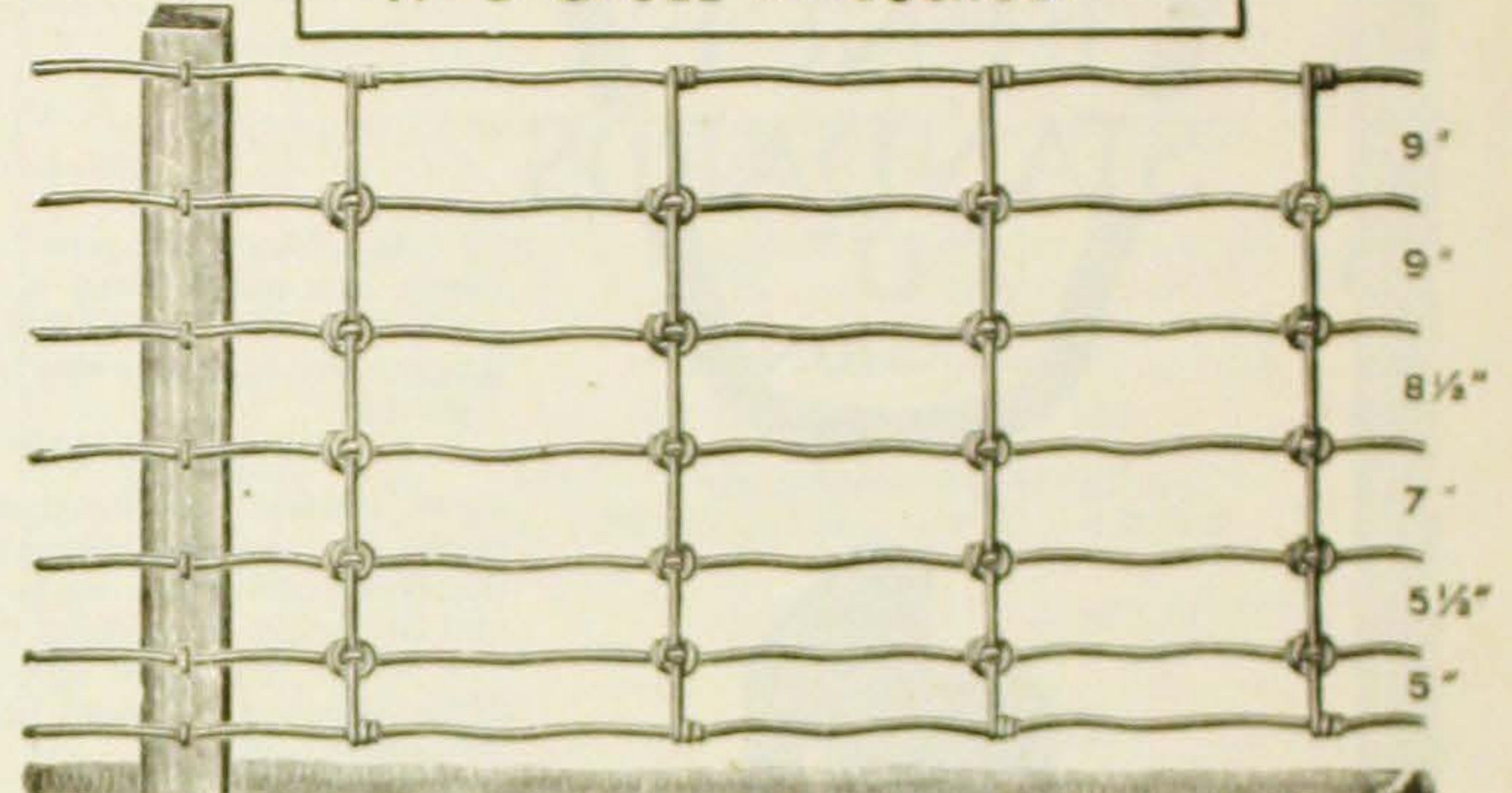
ACTUAL THICKNESS OF ALL THE
WIRES SHOWN



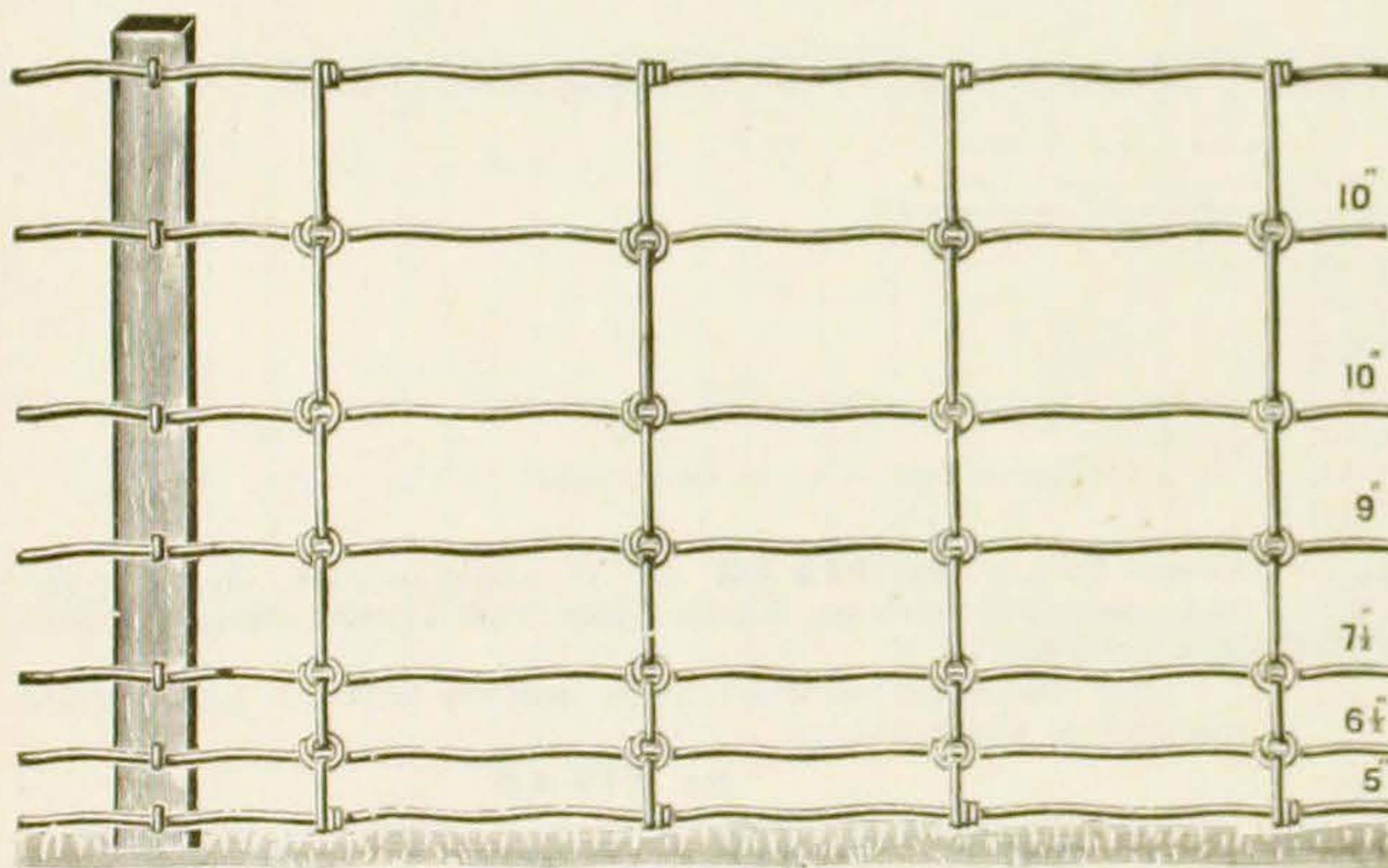
NO 9 GAUGE THROUGHOUT



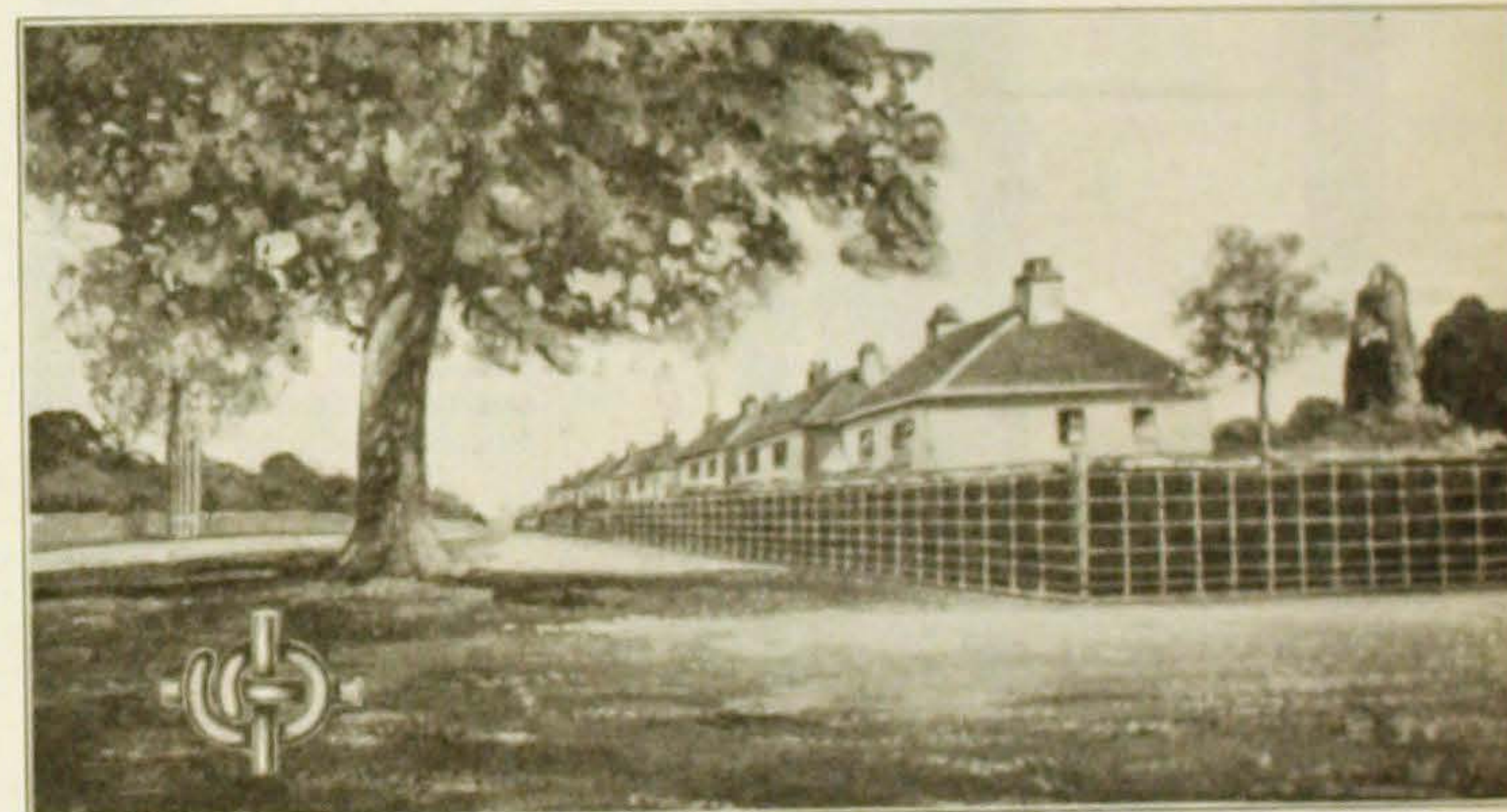
No. PFS 640 6 Bars, 40" high, verticals, 22" apart. All Wires No. 9 gauge best heavy Galvanized Hard Steel Wire. Tested to 1,800 lbs.
Supplied in 220 yard rolls @ 8d. per yard ... £ 7 6 8 per roll.
Supplied in 110 yard rolls @ 8 1/2d. per yard ... 3 17 11 "
Supplied in 55 yard rolls @ 9d. per yard ... 2 1 3 "
Approx. weight of 220 yard roll, 315 lbs. Measurement, 24" x 24" x 42"



No. PFS 744 7 Bars, 44" high. All Wires No. 9 gauge Best Heavy Galvanized Hard Steel Wire, strength of each wire tested to 1,800 lbs. Uprights 22" apart.
Supplied in 220 yard rolls @ 9d. per yard ... £ 8 5 0 per roll.
Supplied in 110 yard rolls @ 9 1/2d. per yard ... 4 7 1 "
Supplied in 55 yard rolls @ 10d. per yard ... 2 5 10 "
Approx. weight, 220 yard roll, 360 lbs. Measurements, 26" x 26" x 46"



No. PFS 748 7 Bars, 48" high, verticals, 22" apart. All wires No. 9 gauge Heavy Galvanized Hard Steel Wire, strength of wire tested to 1,800 lbs.
Supplied in 220 yard rolls @ 9 1/2d. per yard ... £ 8 14 2 per roll.
Supplied in 110 yard rolls @ 10d. per yard ... 4 11 8 "
Supplied in 55 yard rolls @ 10 1/2d. per yard ... 2 8 2 "
Approx. weight, 220 yard roll, 380 lbs. Measurements, 26" x 26" x 50"

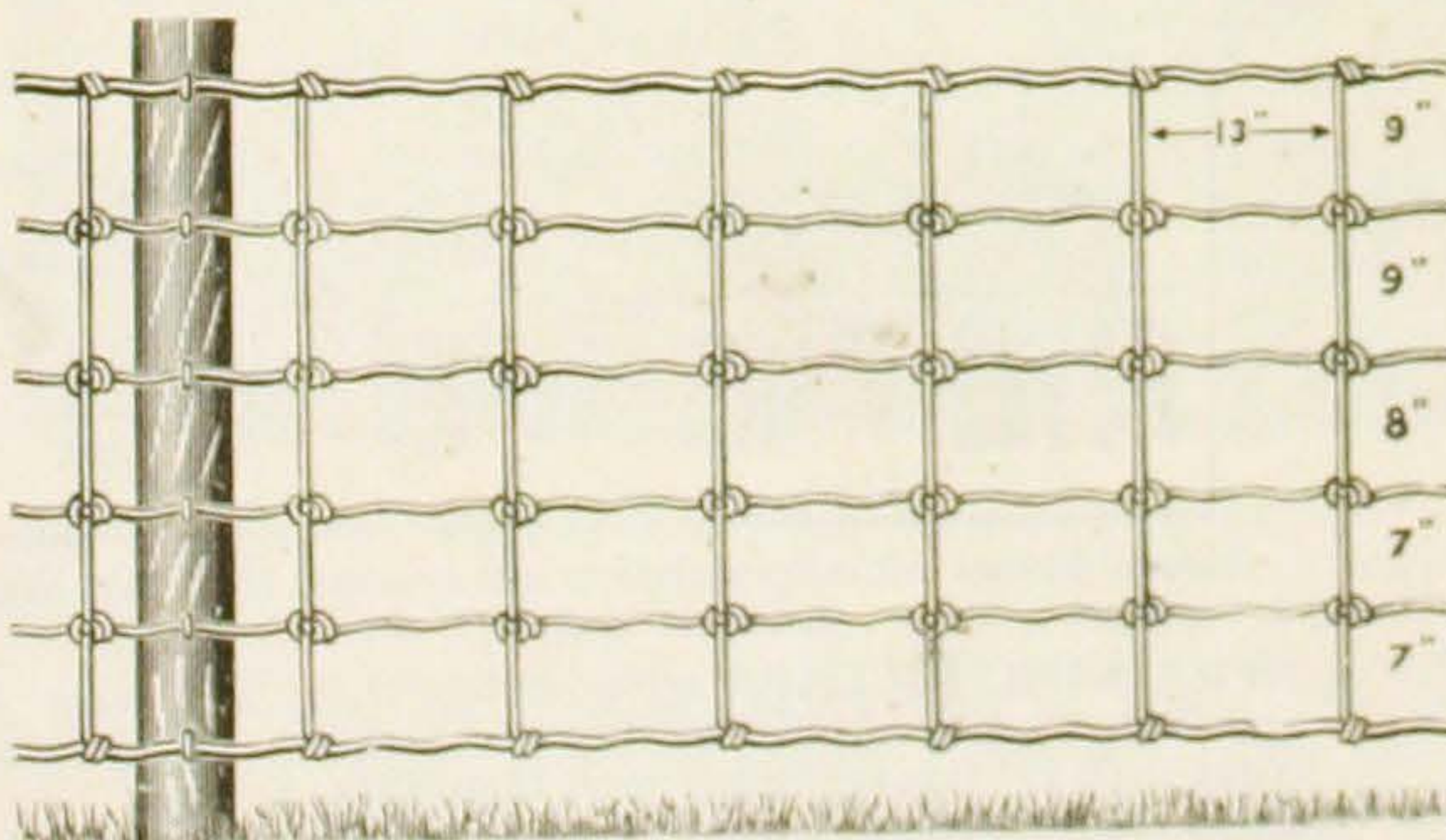


No. PFS 748/11 Made up exactly as No. PFS 748 opposite, but all Vertical Wires spaced 11" apart.
Supplied in 220 yard rolls @ 11 1/2d. per yard ... £ 10 10 10 per roll.
Supplied in 110 yard rolls @ 1/- per yard ... 5 10 0 "
Supplied in 55 yard rolls @ 1/0 1/2 per yard ... 2 17 4 "
Approx. weight, 220 yard roll, 490 lbs. Measurements, 31" x 31" x 50"

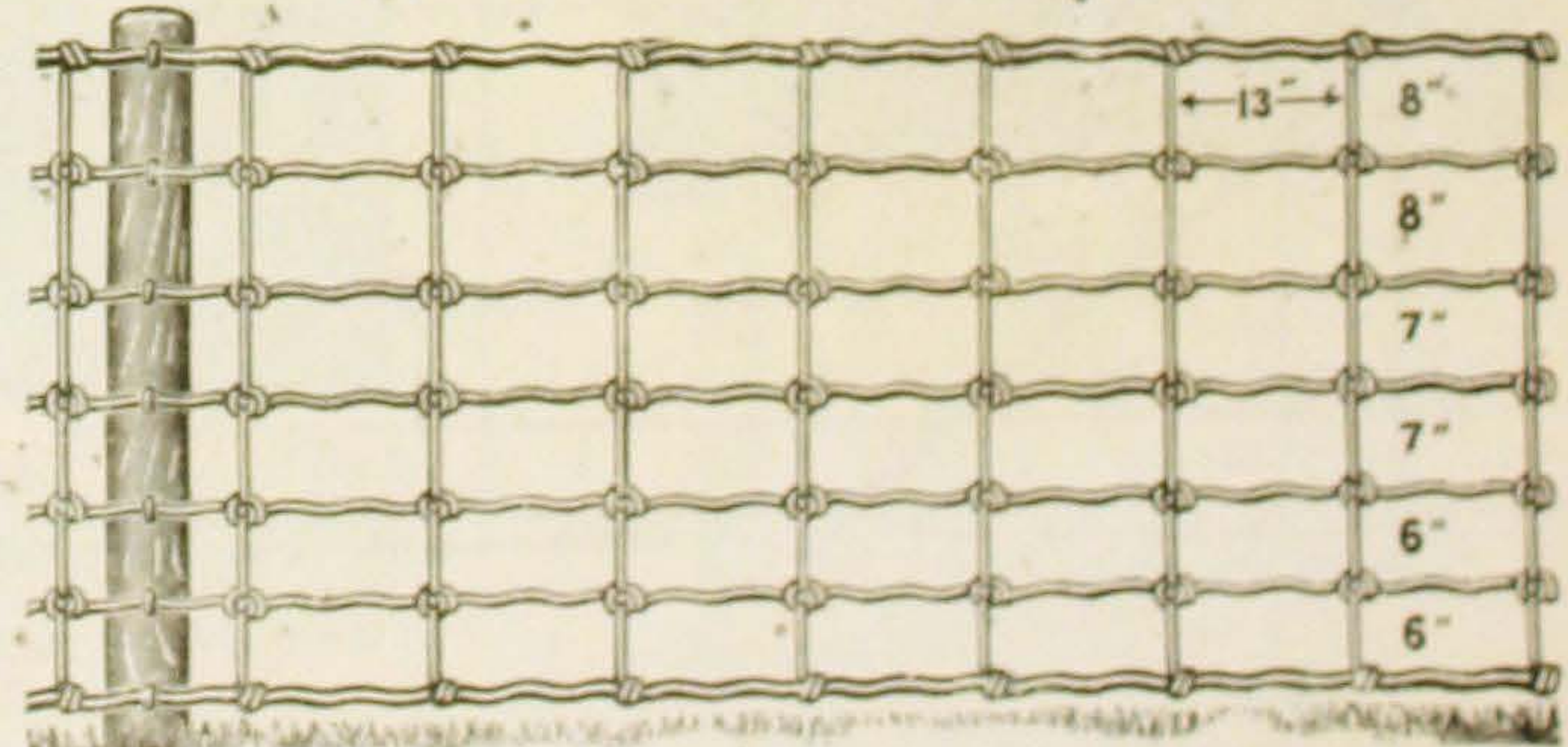
The "IMPERIAL" Wire Fencing

Ideal as a Boundary Fence for Housing Schemes. BY OUR OWN ERECTORS—We are prepared to quote for fixing any length of "Empire" or "Imperial" Fence and Posts in any part of the United Kingdom.

Prices are Exclusive of Posts, which are Priced on pages 494 and 495.



No. PFS 640/13 6 Wires, 40" high. Top and bottom wires No. 9 gauge. Intermediate and vertical wires, No. 12 gauge. Verticals 13" apart.
Supplied in 110 yard rolls @ 7d. per yard ... £ 3 4 2 per roll.
Supplied in 55 yard rolls @ 7d. per yard ... 1 12 1 "



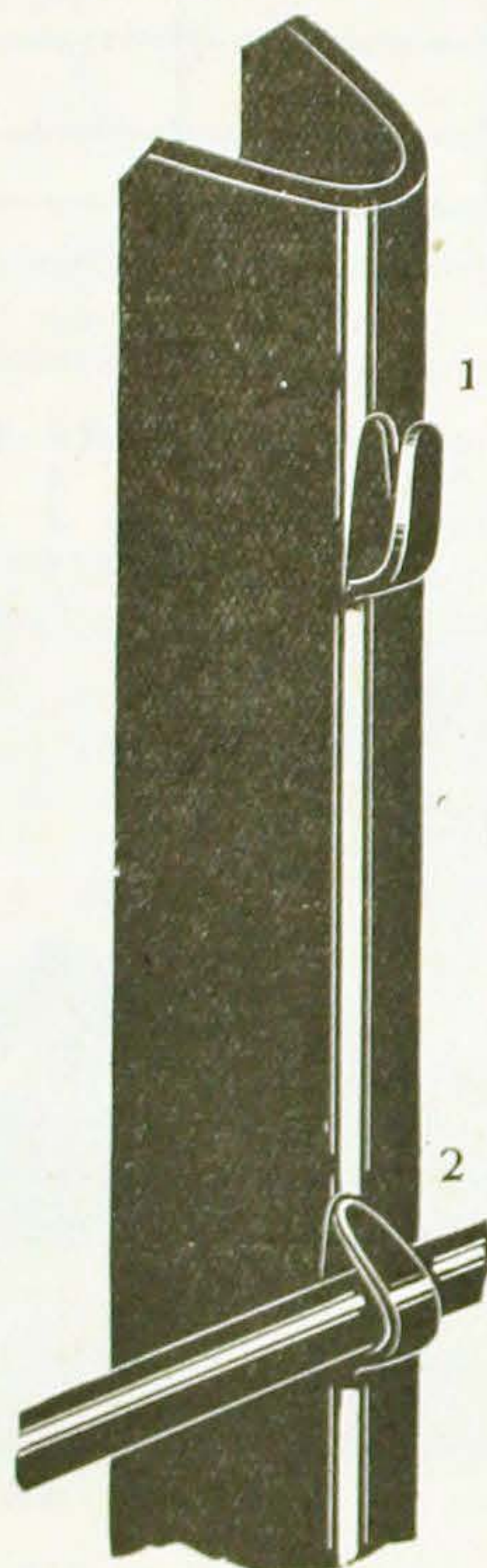
No. PFS 742/13 7 Wires, 42" high. Top and bottom Wires, No. 9 gauge. Intermediate and vertical wires No. 12 gauge. Verticals 13" apart.
Supplied in 110 yard rolls @ 8d. per yard ... £ 3 13 4 per roll.
Supplied in 55 yard rolls @ 8d. per yard ... 1 16 8 "

"B" Basis.

All PFS—Stock Lines.

The New "EMPIRE" FENCE STANDARDS "U" SECTION

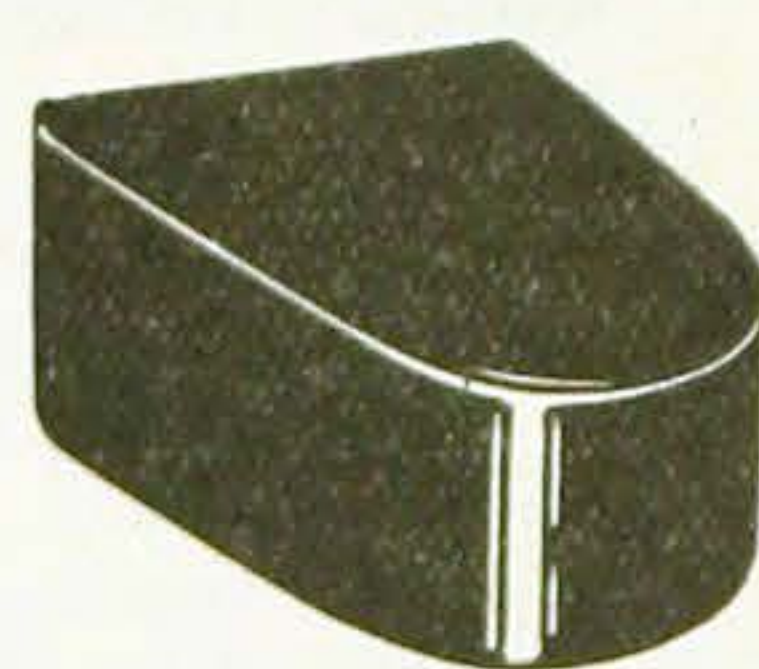
SECTION—FULL SIZE.



- (1) Tongue open.
(2) Tongue closed round wire.

The New "Empire" Fence Standards are made from a high carbon quality tensile steel and in the varying lengths will take any size of "Empire" Fencing.

The Standards are punched to given centres, as illustrated, forming hooks to take the horizontal wires of the fence which are simply slipped on and the hooks hammered down lightly. The hooks will open again and again in the event of the fence being required for re-erection.



STEEL CAP.

Special Caps are provided to prevent injury to the tops of the Standards when driving and one is included free of charge with all orders for 20 Standards and upwards. (Extra Caps 1/- each.)

Important.—If the ground is hard or stony, first drive a crowbar in ground where Standard is to be fixed.

Prices F.O.R. Birmingham.

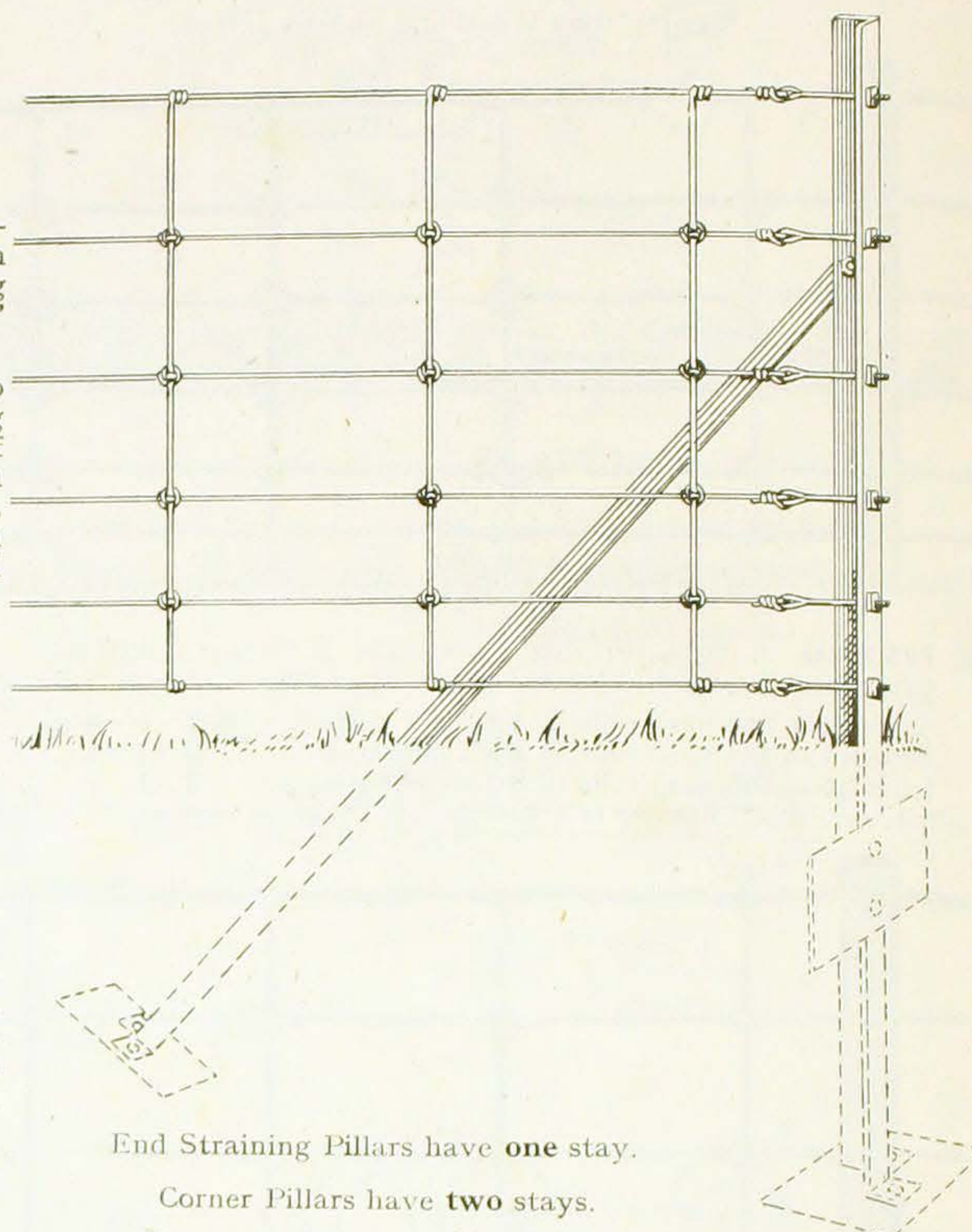
"U" Section Standards.

No. PFS 15

	PFS 640 &	742/13
Style for fencing ...	640/13	742/13
Length overall ...	5' 8"	5' 8"
Nett Price, dozen ...	18/-	18/-
Style for fencing ...	PFS 744	748
Length overall ...	6' 2"	6' 6"
Nett Price, dozen ...	19/6	21/-

Carriage Paid on orders of 50 and upwards.

The "Empire" Angle-section End and Corner Straining Pillars



End Straining Pillars have **one** stay.

Corner Pillars have **two** stays.

These Pillars **No. PFS 16** are of angle section, $3" \times 3" \times \frac{1}{8}"$ and are fitted with an Earth Plate and Thrust Plate rivetted to main Pillar.

The stays are of stout angle section with an Earth Plate rivetted to the bottom.

No. PFS 16

for all styles of Fencing up to 5' 0" high above ground.

End Straining Pillars ... 20/- each.

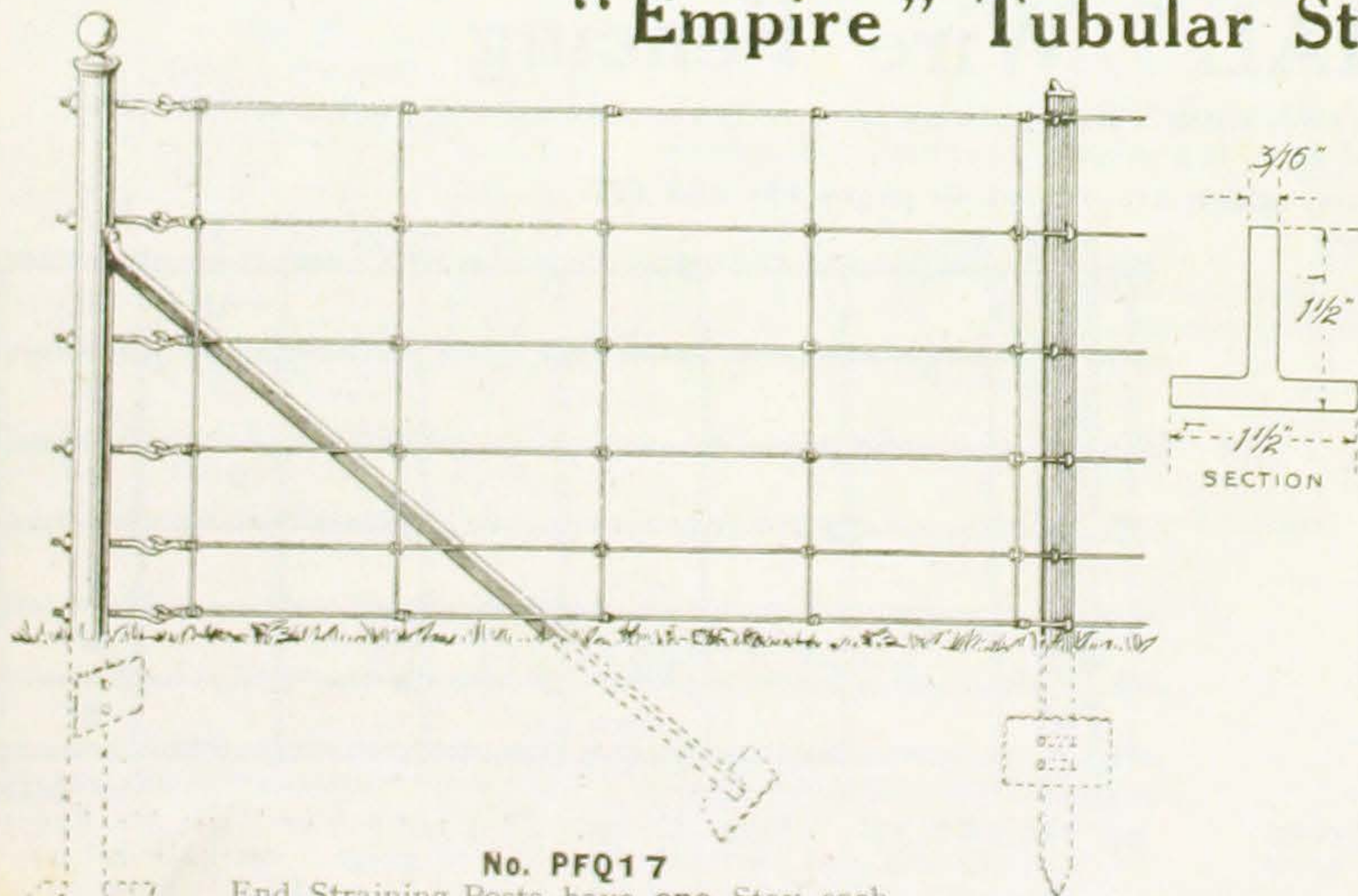
Corner Straining Pillars ... 30/- "

Price includes drilling pillars and necessary Straining Eyebolts for Fence.

Wire Fences should be strained before being attached to the straining eyebolts which are for **adjustment** only.

The Pillars are supplied complete with necessary eyebolts for adjusting Fences.

"Empire" Tubular Straining Pillars



No. PFQ 17

End Straining Posts have **one** Stay each.
Corner Straining Posts have **two** Stays each.

No. PFQ 17

For appearance and strength we advise Tubular Iron Pillars. Although more expensive than Angle Iron or Wood, their greater durability more than compensates for the extra cost.

Prices each.

To suit Fence No.	Straining Posts.		Intermediate Tee Standards.
	Ends.	Corners.	
PFS 640	29/9	40/3	2/4
PFS 744	31/3	43/-	2/5
PFS 748	35/-	45/-	2/9

Above Prices include Carriage to nearest Railway Station in England and Wales.

STRAINING PILLARS are complete with Caps, Base Plates, and Wing Plates, and fitted with Galvanized Straining Hooks and Nuts with $1\frac{1}{8}"$ Square Stays with Base Plate to each.

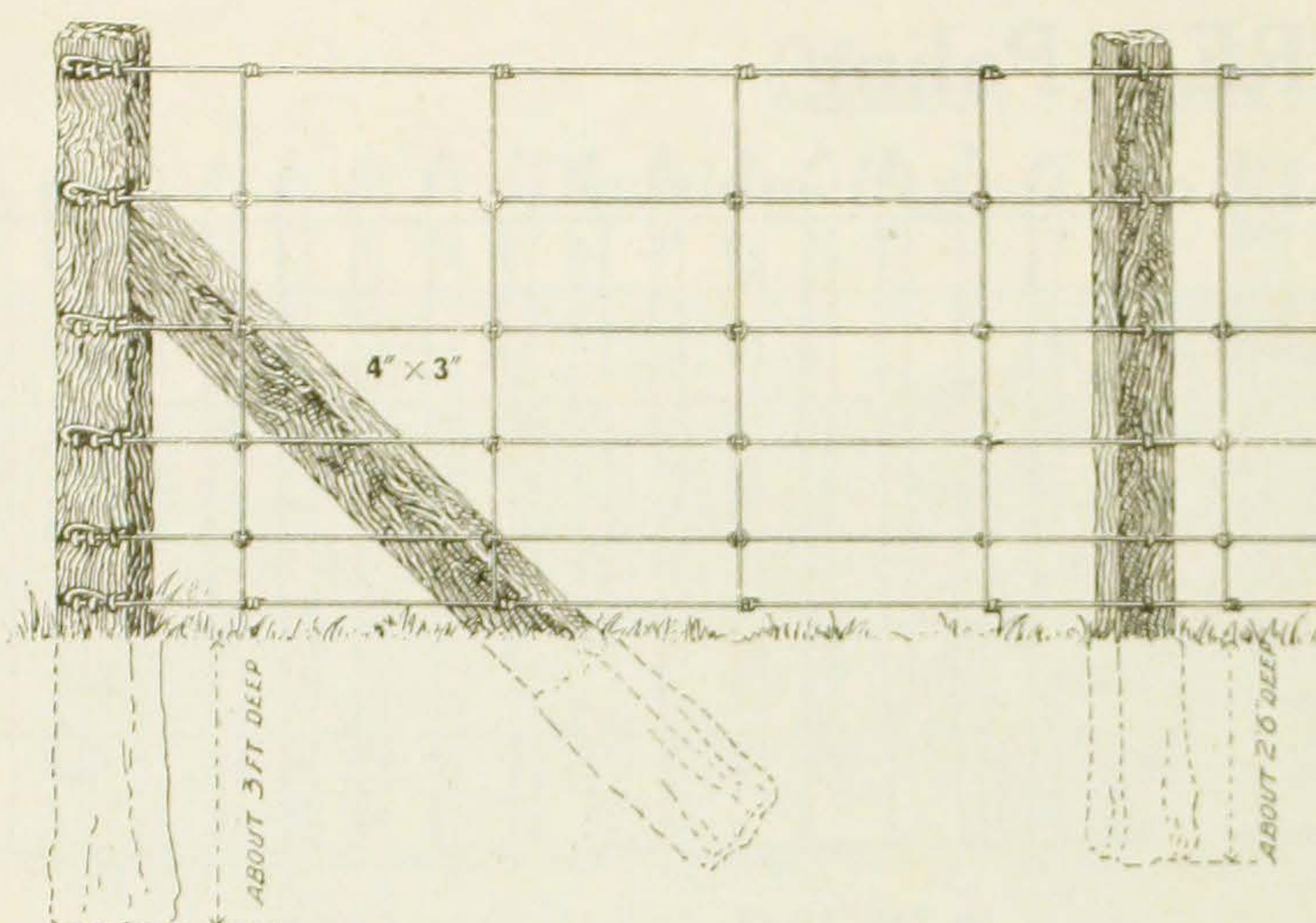
Note.—End Straining Posts have **one** Stay each.

Corner Straining Posts have **two** Stays each.

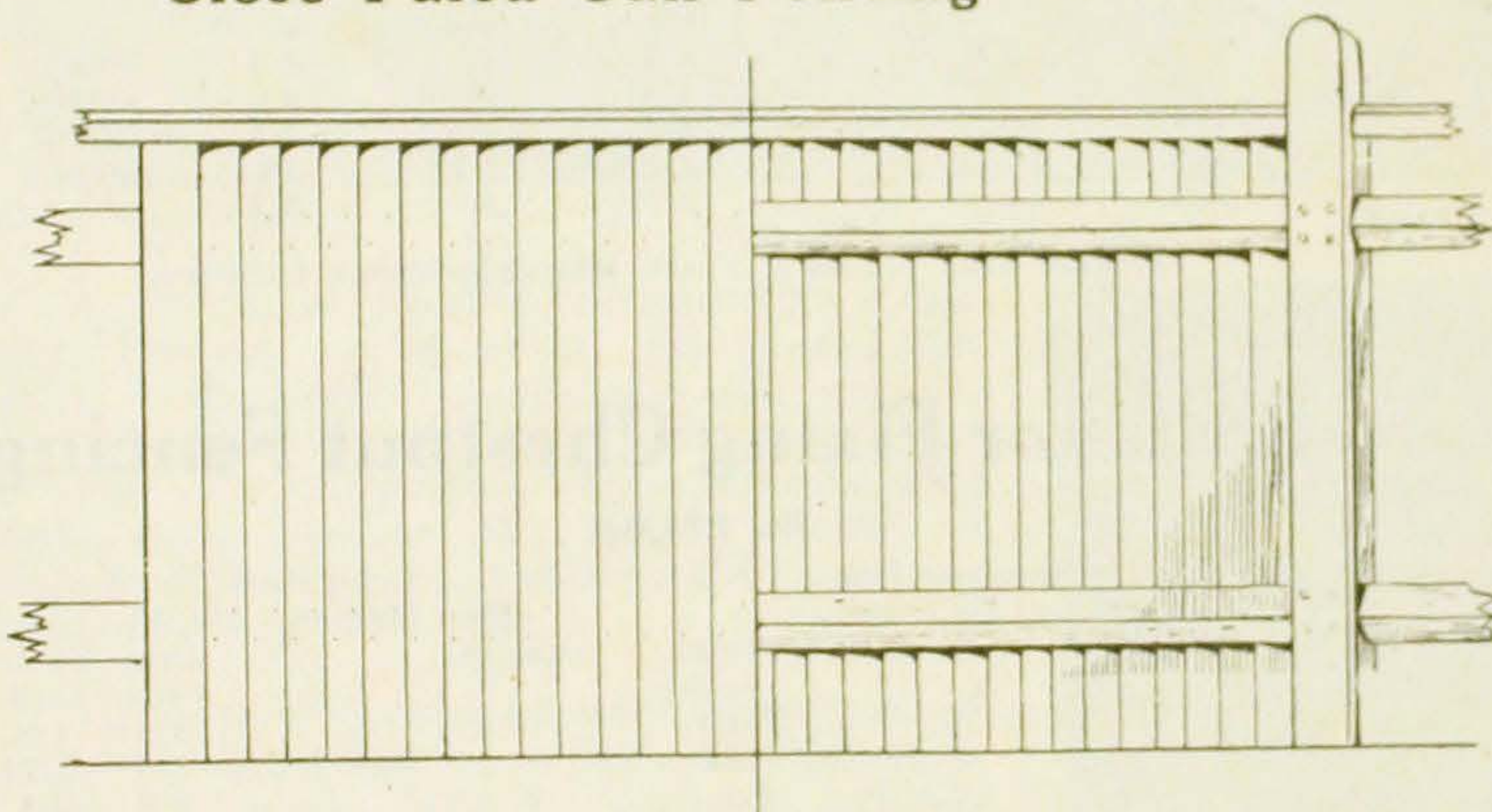
TEE STANDARDS are complete with Staples and Earth Plates.

6" x 5"

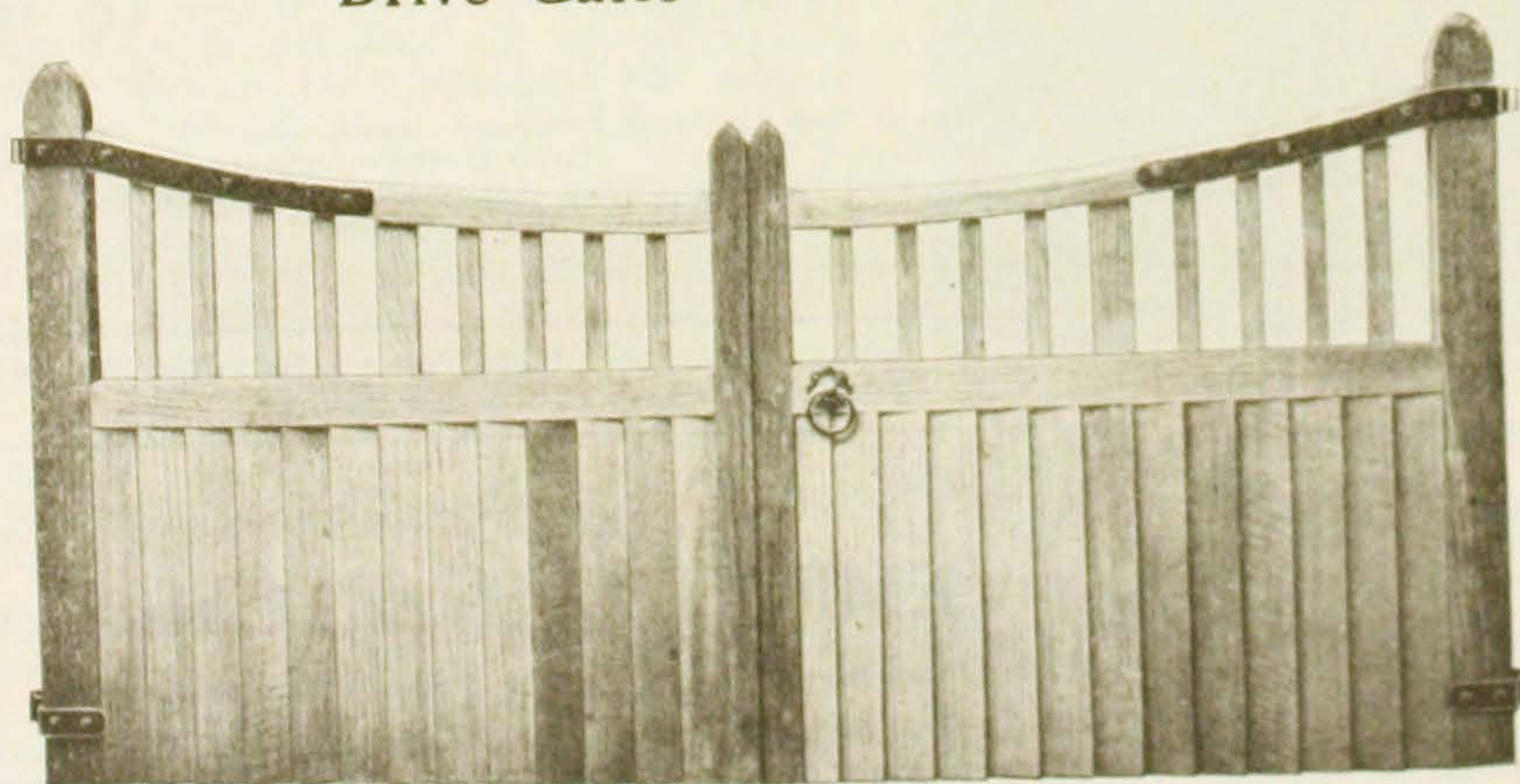
4" x 3"



Close Paired Oak Fencing No. PFQ1077



Drive Gates No. PFS 1061



No. PFS 1061 Pair of Sawn Oak Entrance Gates, 9' 0" between posts, 4' 6" high at back, 4' 0" high at centre. Hanging Stiles, 4 1/2" x 2 1/2"; Shutting Stiles, 2 1/2" x 2 1/2". Top Panel filled with 1 1/2" square balusters, centre baluster 1 1/2" x 3". Double Band Hinges at top curved to follow top rail. Bottom Hinges 4 1/2" long. Double Drop Ring Handle, complete with 9" Latch Furniture **No. PHS 6201** illustrated. One Spring Drop Bolt, **No. PHS 6151** Size 10". One Wood Stop Block. Gates coated with Linseed Oil.

Pair of Gates and Fittings as described above ... £12 16 0 the pair.

POSTS FOR ABOVE GATES: One pair of Oak Posts, 8' 6" x 8" x 8" with Gothic Tops, portion above ground planed and coated with Linseed Oil, £4 6 0 the pair.
The above Prices are Carriage Paid nearest station, England and Wales.

Sawn Oak Fence Posts (Not Creosoted).

No. PFS 1096

FOR "EMPIRE" FENCE, No. 9 Gauge Wire throughout.

Price of End Straining Posts include One Stay each.

Straining Posts ... 6" x 5" (to go into ground 3' 0")

Stays ... 4" x 4" (same length as Main Post)

Intermediates ... 4" x 3" (to go into ground about 2' 6")

Delivered locally, otherwise F.O.R., Birmingham.

Prices of Corner and Intermediate Straining Posts include Two Stays each.

For Fence	Straining Posts.		
No. PFS	Ends.	Corners.	Intermediates.
640	11/6	15/9	2/9
744	13/3	18/3	3/1
748	14/-	19/3	3/6

Extra if Creosoted, 10 per cent.

FOR "IMPERIAL" FENCES.

Nos. PFS 640/13 and PFS 742/13

Straining Posts ... 4" x 4" (to go into ground 2' 6").

Stays ... 3" x 3" (same length as Main Post).

Intermediates ... 3" x 3" (to go into ground 2' 0").

For Fence	Straining Posts.		
No. PFS	Ends.	Corners.	Intermediates.
640/13 or 742/13	6/-	8/-	1/11

If Creosoted 10 per cent. extra.

Delivered locally, otherwise F.O.R. Birmingham.

Carriage Paid Prices on application, if number of Posts and Station given.

SPECIFICATION.

FENCING. No. PFQ 1077 Close Paired Sawn Oak Fencing.

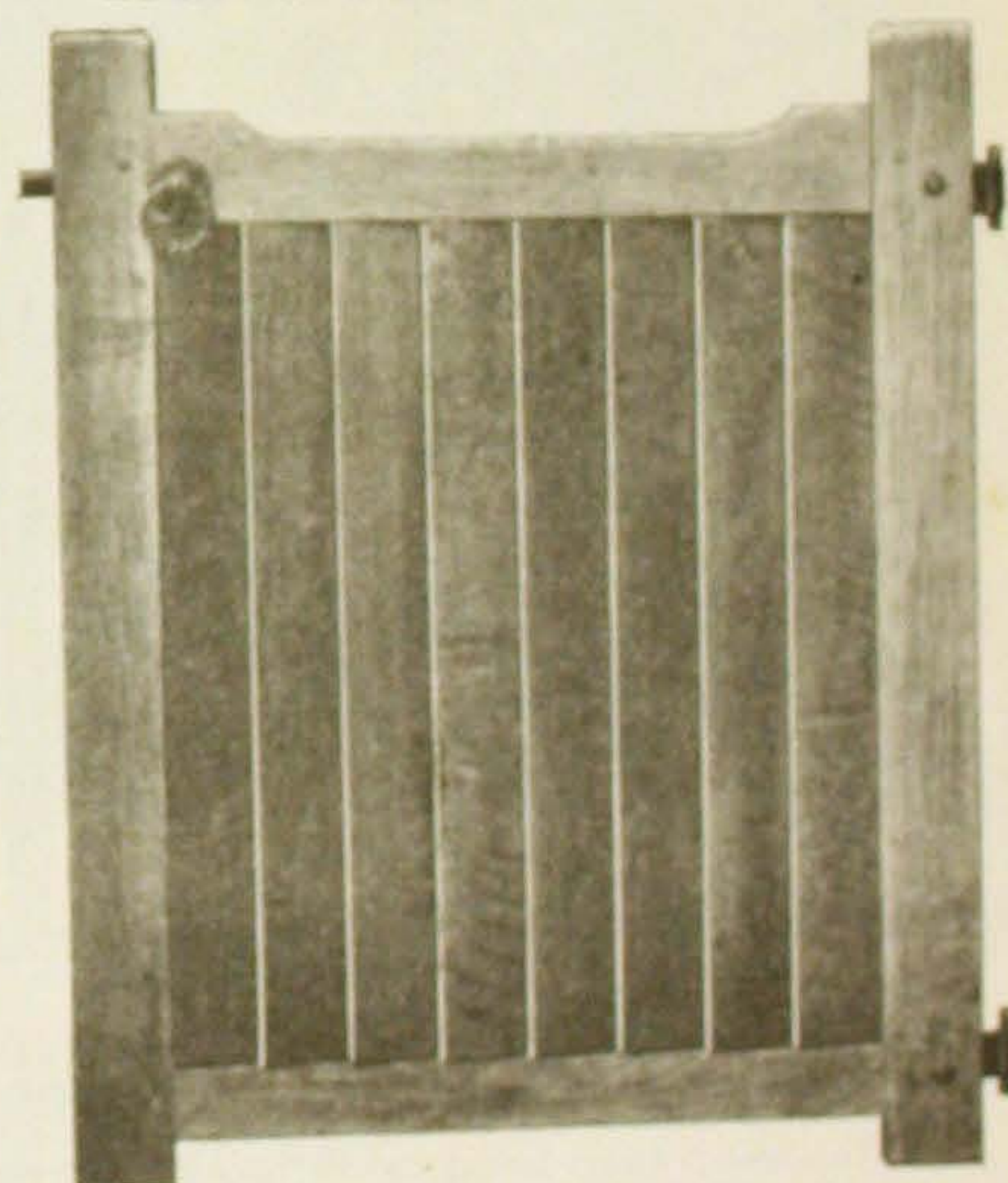
Posts, 3" x 5" to go 2' 6" in the ground and to stand 6" above Pales. Posts to be either plain, rounded one way, pointed or plain Gothic tops and morticed to receive two Sawn Oak Rails, cut 2 ex. 3 1/2" x 3 1/2". Sawn Feather-edged Pales cut 2 out of 1" x 4" and Sawn Grooved and Weathered Capping, 1 1/2" x 3".

Height when fixed.		End Finishing Posts
3' 6" ...	9/5 per yard.	4/- extra.
4' 0" ...	10/1	4/3
4' 6" ...	10/9	4/7

If three rails in 4' 6" Fencing, 1/1 1/2 per yard extra.

Reckoning 1 Post, 2 Rails and 31 Pales as equal to three yards.

Hand Gate No. PFS 1091



No. PFS 1091 Hand Gate of Sawn Oak, 3' 9" high x 3' 0" wide, measuring outside of Stile to outside of Stile. Stiles 2" x 4". Bottom Rails 4" x 1"; Middle Rails and Brace 3 1/2" x 1". Pales 2 ex. 1" x 4". The Top and Bottom Rails to have counter Rail to hold Pales.

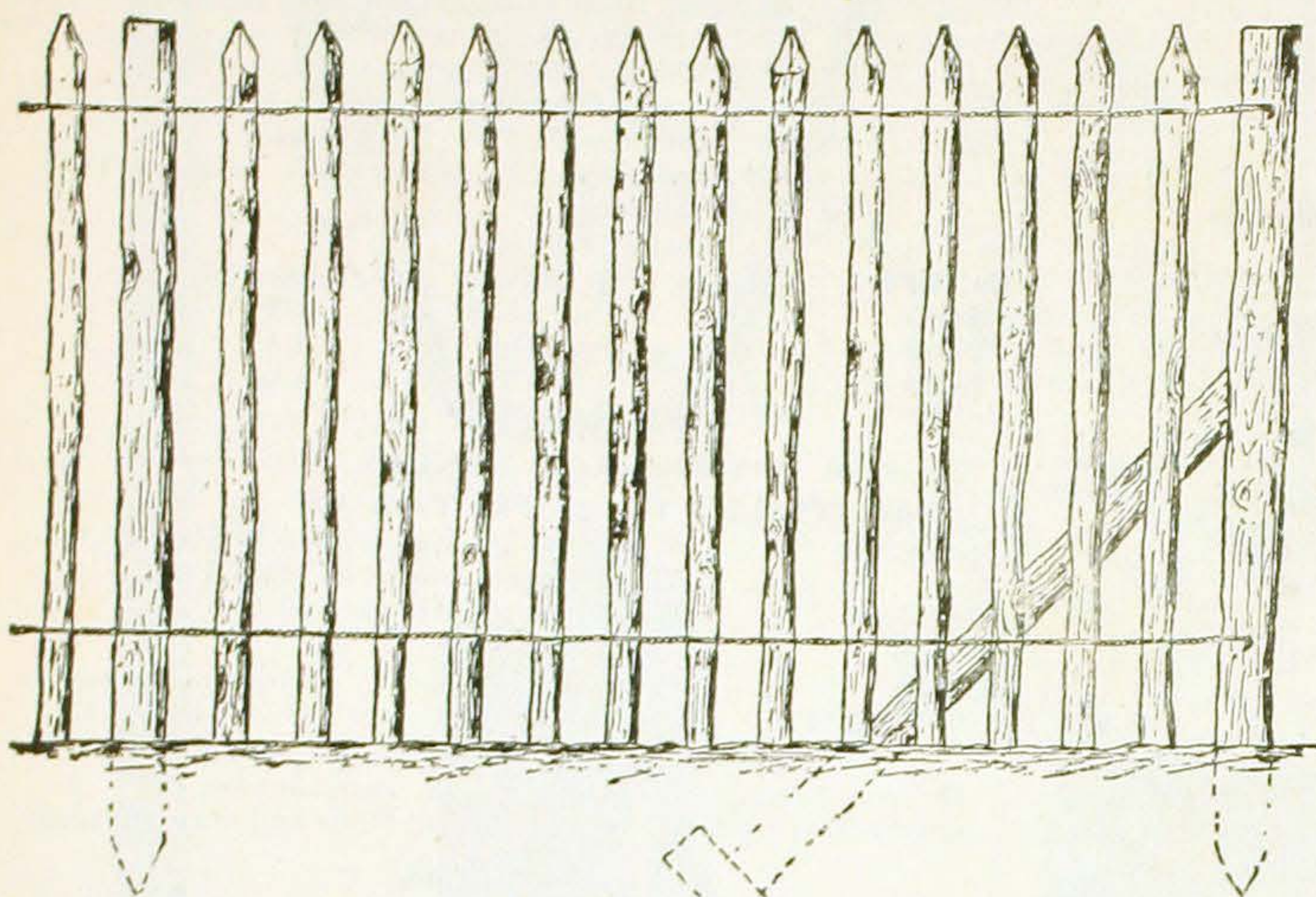
Price including pair of 18" Heavy Hinges, **No. PHS 7034** with Double Drop Ring Handle complete with 7" Latch Furniture, **No. PHS 6201** Price £2 4 0

POSTS FOR ABOVE GATE. One pair 6' 6" x 4" x 4" Oak Gate Posts, with rounded tops, 14/6 per pair.

Prices are Carriage Paid nearest station, England and Wales.

Gates "B" Basis, other prices Strictly Nett.

“EMPIRE” Paling

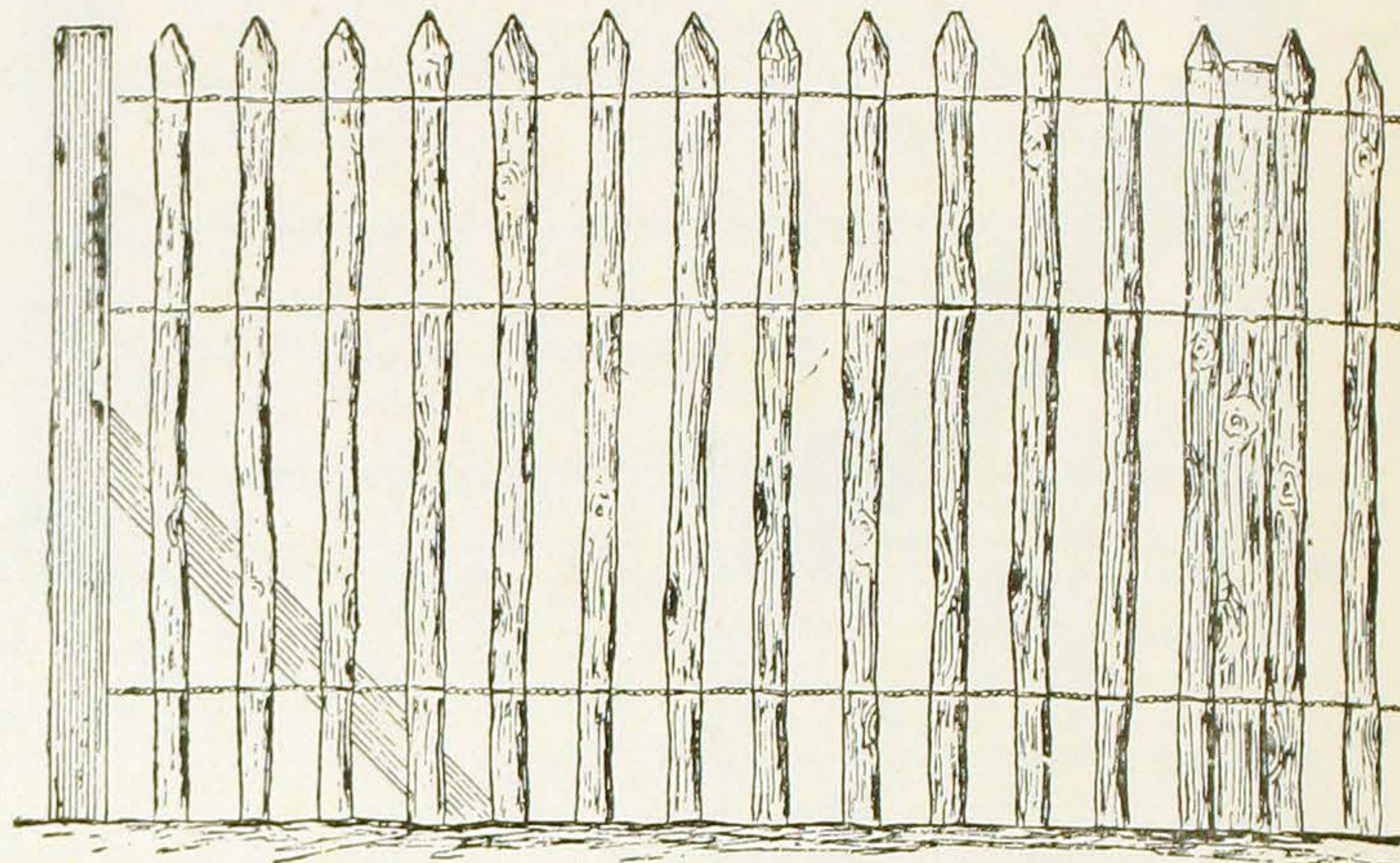


This is the simplest style in which the Fencing is made, and is very difficult to climb over. Posts should not be more than 9' 0" apart.

No. PFS *1086 Style A. Two Wire Strands.

Height.	Pales about 5" apart.	Pales about 3" apart.	Pales about 2" apart.	
2' 0"	1/1	1/4	1/6	Per Yard without Posts.
2' 6"	1/2	1/6	1/8	
3' 0"	1/5	1/8	1/10	
3' 6"	1/6	1/10	2/2	
4' 0"	1/9	2/-	2/4	
4' 6"	1/10	2/3	2/6	
5' 0"	2/-	2/5	2/9	

*Stocked only: Pales 3" apart, remainder Quick Delivery.



No. PFS *1087 Style B. Three Wire Strands.

Height.	Pales about 5" apart.	Pales about 3" apart.	Pales about 2" apart.	
3' 6"	1/8	2/-	2/4	Per yard without posts.
4' 0"	1/11	2/2	2/6	
4' 6"	2/-	2/5	2/8	
5' 0"	2/2	2/7	2/11	
6' 0"	2/7	3/-	3/3	

*Stocked only: Pales 3" apart, remainder Quick Delivery.

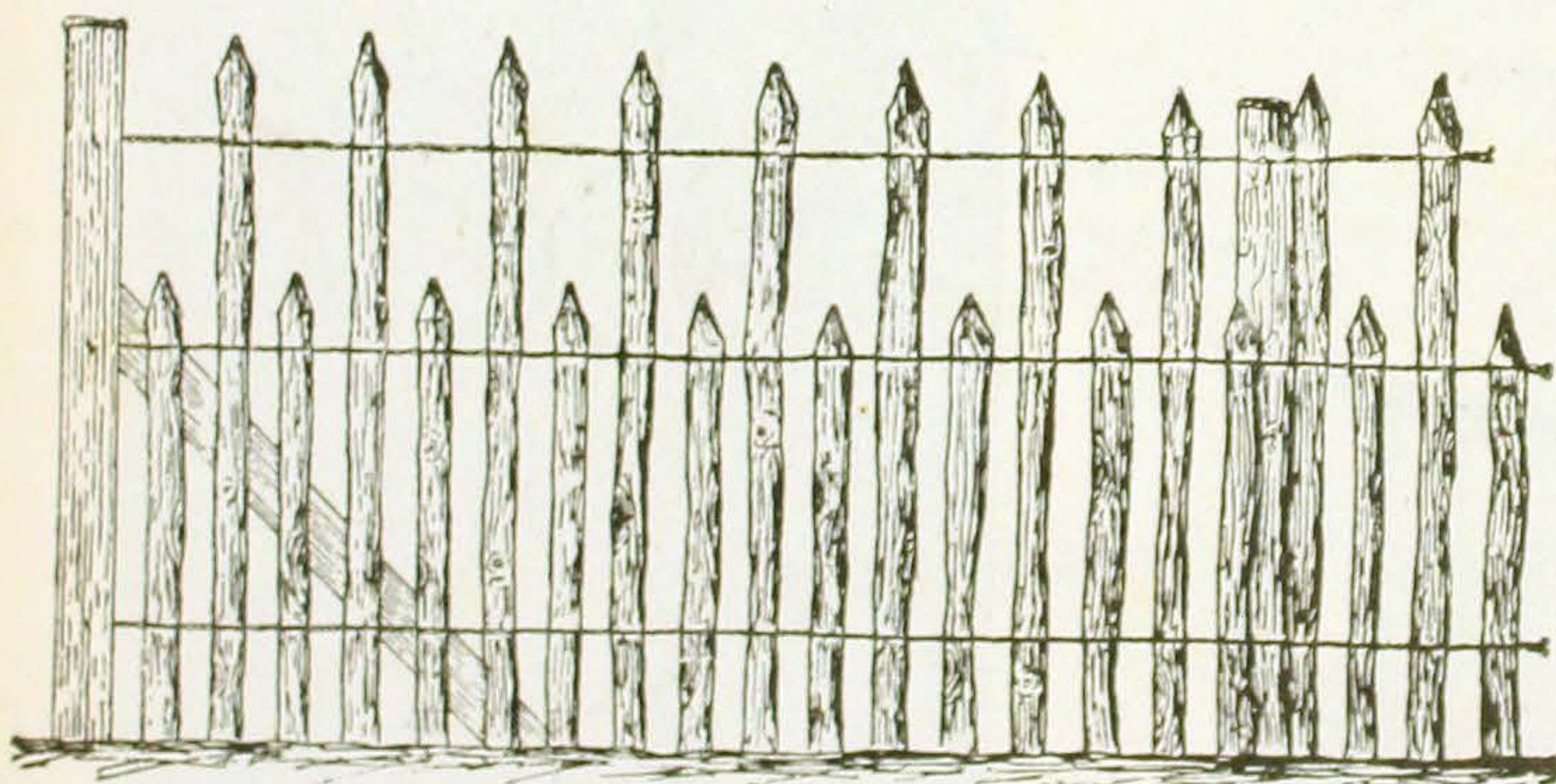
Posts for Fixing Chestnut Fencing

No. PFS 85

Intermediate Posts. (Pointed for Driving.)			Sawn Posts. (Not Pointed) 3" x 3".		
Height.	Price, each.		Height.	Price, Struts each. each.	
4' 6"	1/10		6' 0"	3/3	1/8
5' 0"	1/11		6' 6"	3/9	1/11
5' 6"	1/1		7' 0"	4/5	2/1
6' 0"	1/4		7' 6"	5/-	2/4
6' 6"	1/6		8' 0"	5/9	2/9
7' 0"	1/9		8' 6"	6/6	3/3
7' 6"	2/-				
8' 0"	2/4				

Posts 2' 0" longer than height of Fence are usually required. Where the ground is very firm, 1' 6" may do. Sawn Posts for ends and corners should be 2' 6" longer than height of Fence. Intermediate Posts may be used as Struts.

Write for Paling Catalogue CP 507, giving full descriptions of other styles of Wooden Paling.



This style of Fencing, with alternate Pales full height of Fence, has a lighter appearance and is especially adapted for enclosing gardens, cottage lands, etc. If treated with a preservative, it has a particularly neat and pleasing effect. The short Pales being closed together, it will keep out the smallest animals. It is also quite suitable for most other purposes for which a Fence is required, but is more easily climbed than the other styles. Posts about 9' 0" apart.

No. PFS *1094 Style C. Three Wire Strands.

Height	Height of Short Pales.	Lower Pales about 5" apart.	Lower Pales about 3" apart.	Lower Pales about 2" apart.	
3' 0"	2' 0"	1/5	1/8	1/10	Per yard without posts.
3' 6"	2' 6"	1/6	1/10	2/2	
4' 0"	2' 6"	1/9	2/-	2/4	
4' 6"	3' 0"	1/10	2/3	2/6	
5' 0"	3' 0"	2/-	2/5	2/9	

*Stocked only: Pales 3" apart, remainder Quick Delivery.

“EMPIRE” Hand Gate

Hand Gates to match any of the above styles of Fencing.

The Heads and Rails are of Sawn Chestnut or Oak and strongly morticed together. Gates are made 3' 6" wide, unless otherwise ordered. Prices include hinges and Catch.

The Posts are of sufficient length to go into ground 2' 6" and are approx. 4" x 4".

Height of Gate	Gate. No. PFS 1030	Sawn Oak Posts No. PFS 1084
3' 0" high	16/- each.	9/- per pair.
3' 6"	17/-	10/-
4' 0"	18/-	11/-
4' 6"	19/-	12/-
5' 0"	20/-	13/-

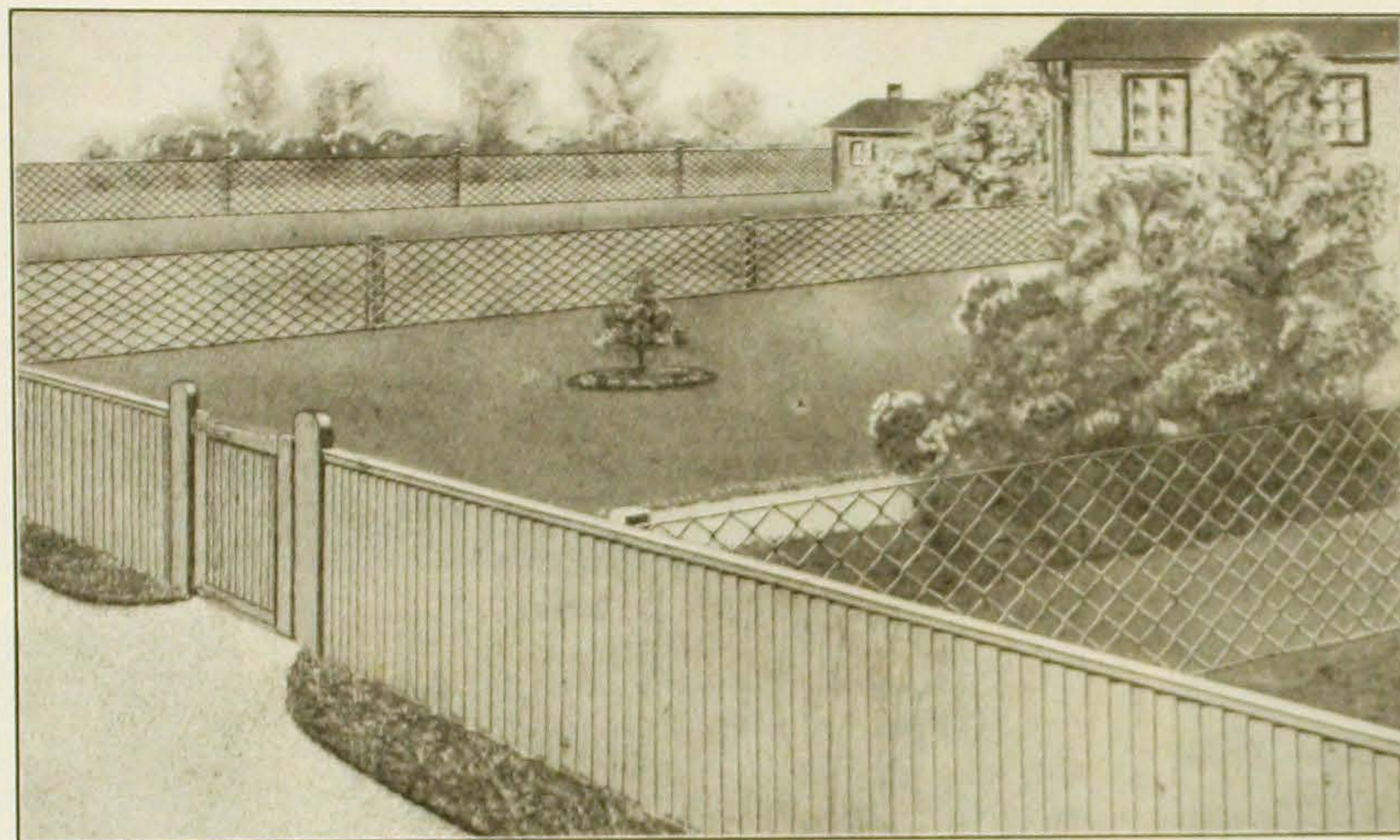
Carriage Paid on Orders of £10 and upwards. Creosoting plus 10 per cent.

“A” Basis.

All PFS*—Stocked only with Pales 3" apart, remainder Quick Delivery.

Chain Link Fencing

Division Fences on Housing Schemes



Galvanised Chain Link Fencing is superseding the post and plain wire division Fences on Housing Schemes because it does not pull out of shape, keeps domestic animals in their own gardens, and gives no incentive to children to swing on it. This propensity when division fences of plain wire are used, is the most destructive factor.

For Housing Scheme Division Fences we should recommend Fences to be 3', 3' 6" or 4' high, in the following meshes and gauges:—

3" mesh × 9 gauge.

3" mesh × 10 gauge.

3" mesh × 11 gauge.

2½" mesh × 11 gauge.

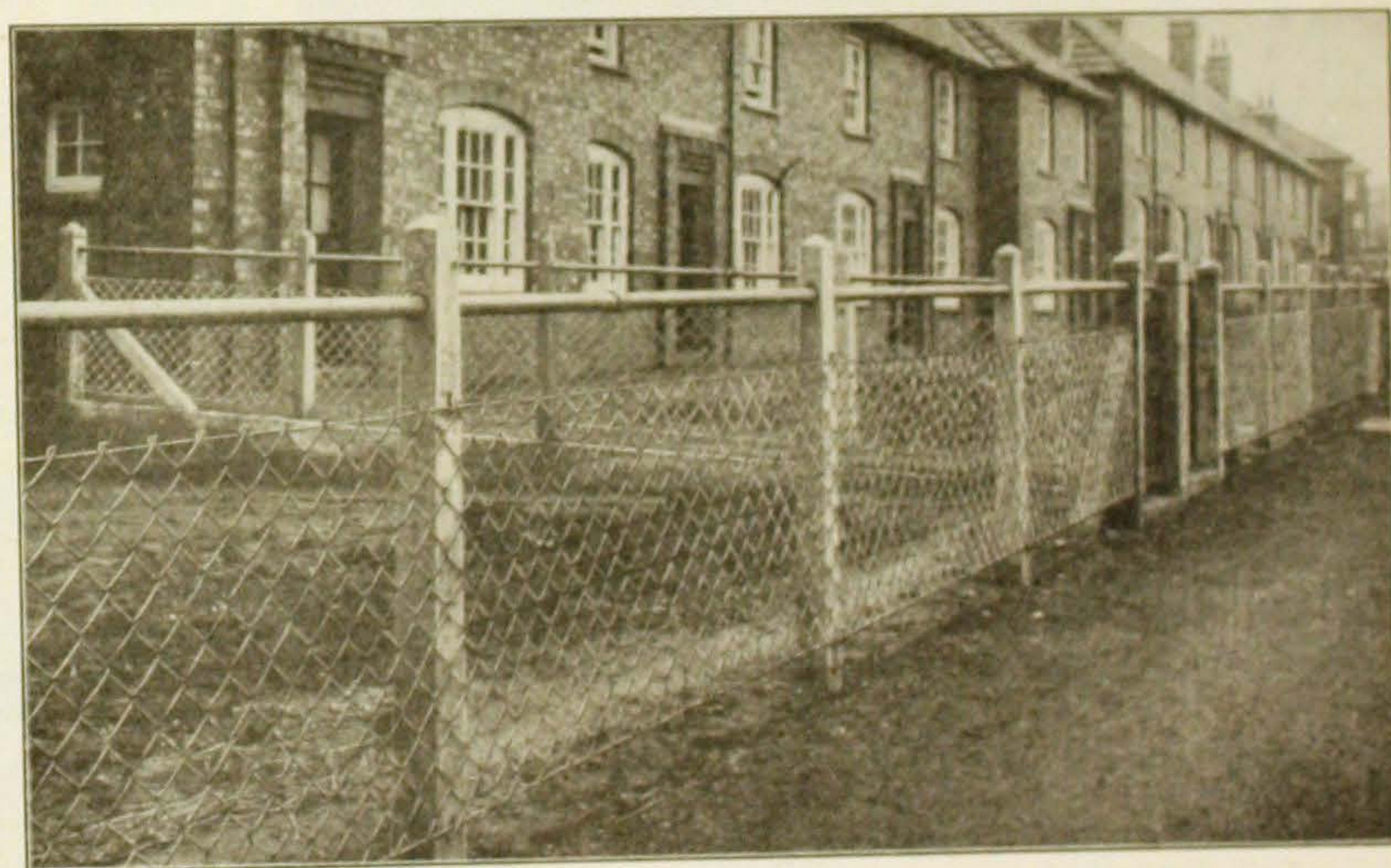
2" mesh × 12 gauge.

The 4' Fencing for Housing Schemes should have three Line Wires to give it extra strength. The other Fences mentioned above are supplied with two Line Wires.

A design of Fencing incorporating Chain Link Fencing as used at Burton-on-Trent. Chain Link Fencing keeps out the animals. The tubing shewn, gives the whole thing great stability. For this purpose we should recommend Chain Link Fencing 33" high × 3" mesh × 10 gauge fixed to 4" × 4" posts with a 1½" tube passing through them.

This type of Fencing allows the free access of the maximum of sunshine and air to any privet or "quick" planted behind it. While the hedge is growing, there is an efficient Fence of Chain Link, and when the hedge has fully grown the Chain Link is still there to prevent animals pushing through, thus reinforcing the hedge it originally sheltered.

The expert services of our Fencing Department are at the disposal of any Architect or Surveyor laying out a Housing Scheme and at all times we are pleased to give advice without obligation, on any Fencing problem.

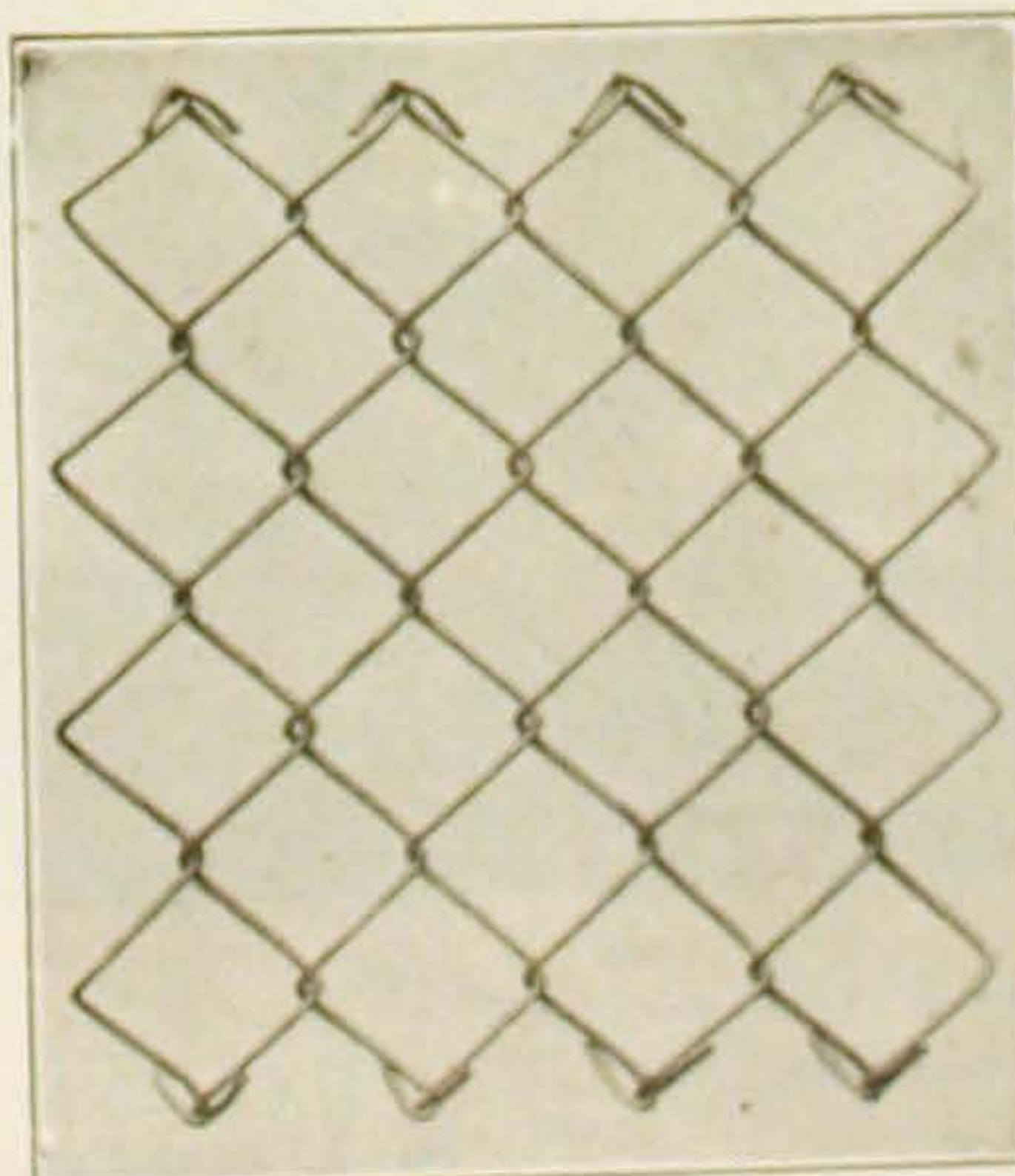


METHOD OF MANUFACTURE

Every vertical wire runs from top to bottom of the Fencing without a join, whether it is 1' or 15' high. The verticals are made to zigzag, and these are interlocked forming a diamond shaped mesh.

This method of interlocking from top to bottom gives exceptional resiliency, but yet is rigid when erected.

It is a sound engineering proposition and there are indications that Galvanised Chain Link Fencing is the Fence of the future.



SHOWING SECTION OF MESH.

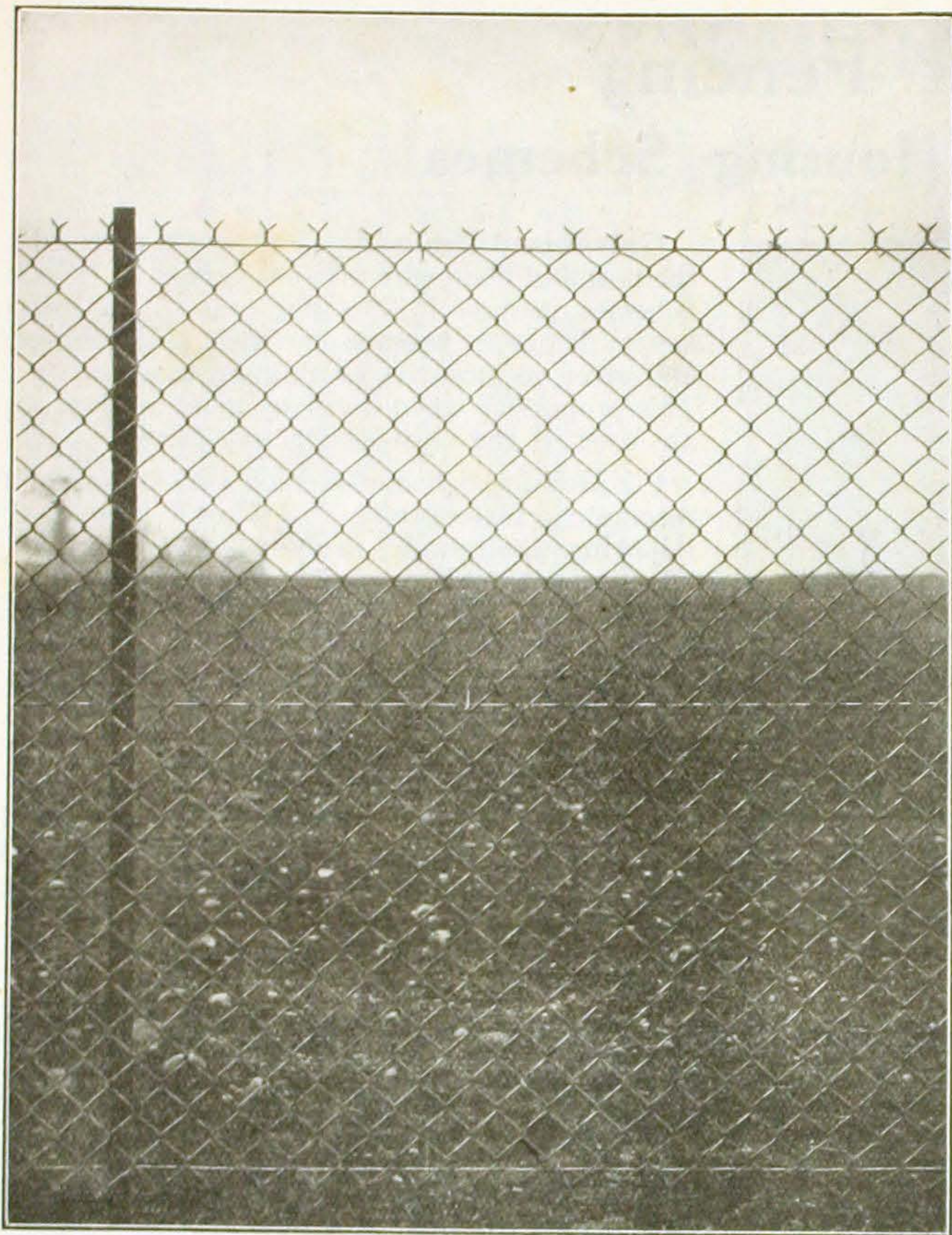
DESCRIPTION.

Galvanised Chain Link Fencing is made of galvanised wires interlaced into a web having a diamond shaped mesh.

In appearance it resembles very closely Chain-Mail as seen for the gauntlets or visor in armour.

The thickness of the wire is varied to suit the particular purpose in view; similarly the size of the mesh.

With this end in view Chain Link Fencing is manufactured in 352 standard combinations priced on page 500, but special sizes can be supplied should one of these combinations not meet your requirements.



"The Silent Warden of your Lands."
Galvanised Chain Link Fencing with Barbed Top.

Boundary Fences

Galvanised Chain Link Fencing in the smaller meshes is as unclimbable as Pointed Topped Wrought Iron Railing. A 2" mesh does not give a toe hold for children, and where adults only have to be reckoned with, a 2½" mesh is suitable. Added protection can be obtained by having the tops, barbed—which we do at no extra cost, or having two or three rows of barbed wire carried on a lean-over arm bolted to each standard.

Suitable gauges and meshes are :—

- 2" or 2½" × 9 gauge.
- 2" or 2½" × 10 gauge.
- 2" or 2½" × 11 gauge.
- 2" × 12 gauge.

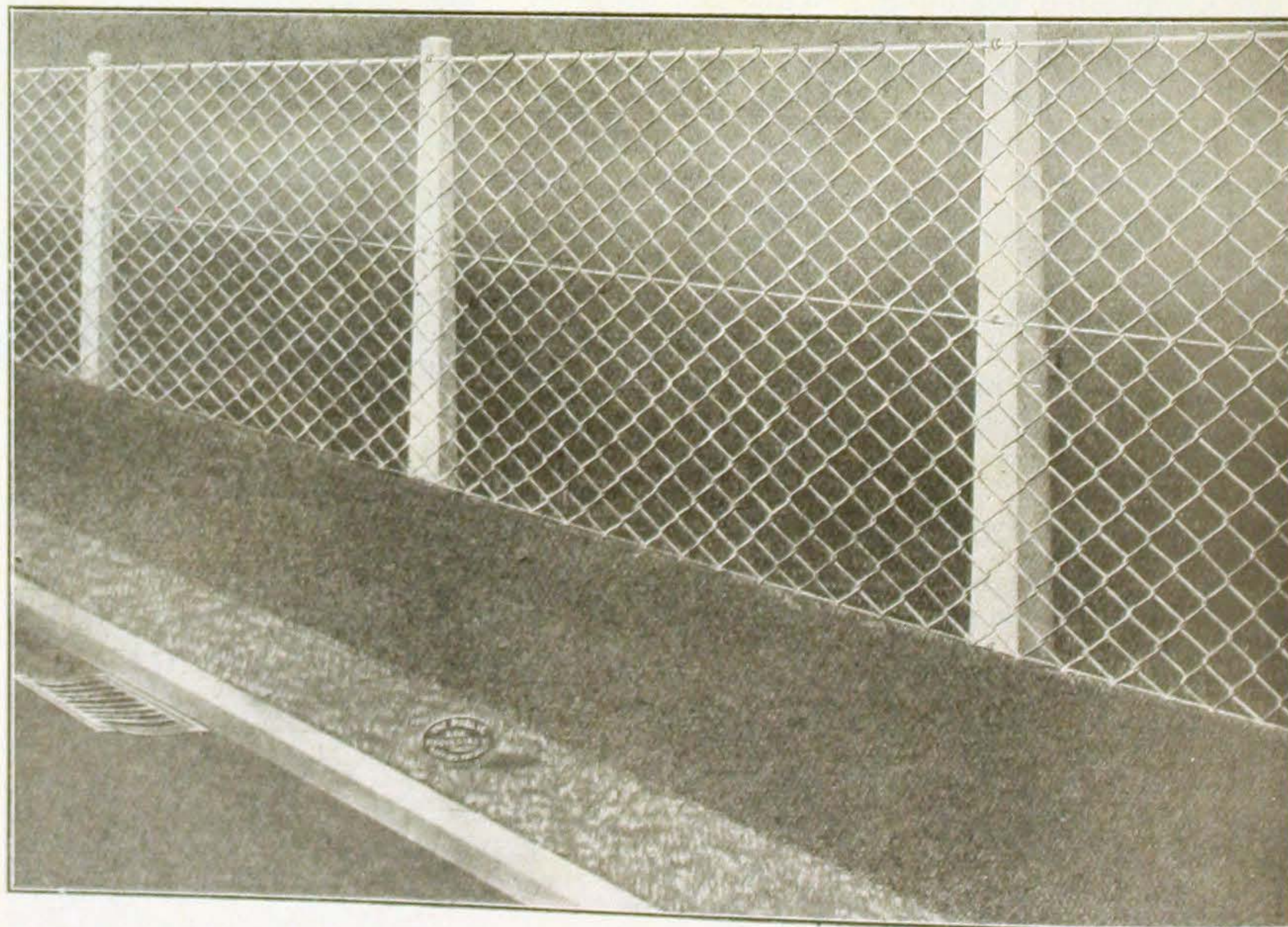
This type of Fencing in an unostentatious way, safeguards private property. It does not spoil the view, and from a distance is invisible. The wire is strong enough to withstand cattle and any other strains put upon it. This is an actual photograph of a contract we have just completed. If this Fencing is coated with rust-proof solution every other year it will be as good as new ten years hence.

Actual size of mesh, 2" ; gauge of wire, No. 9.



Road Widening Schemes

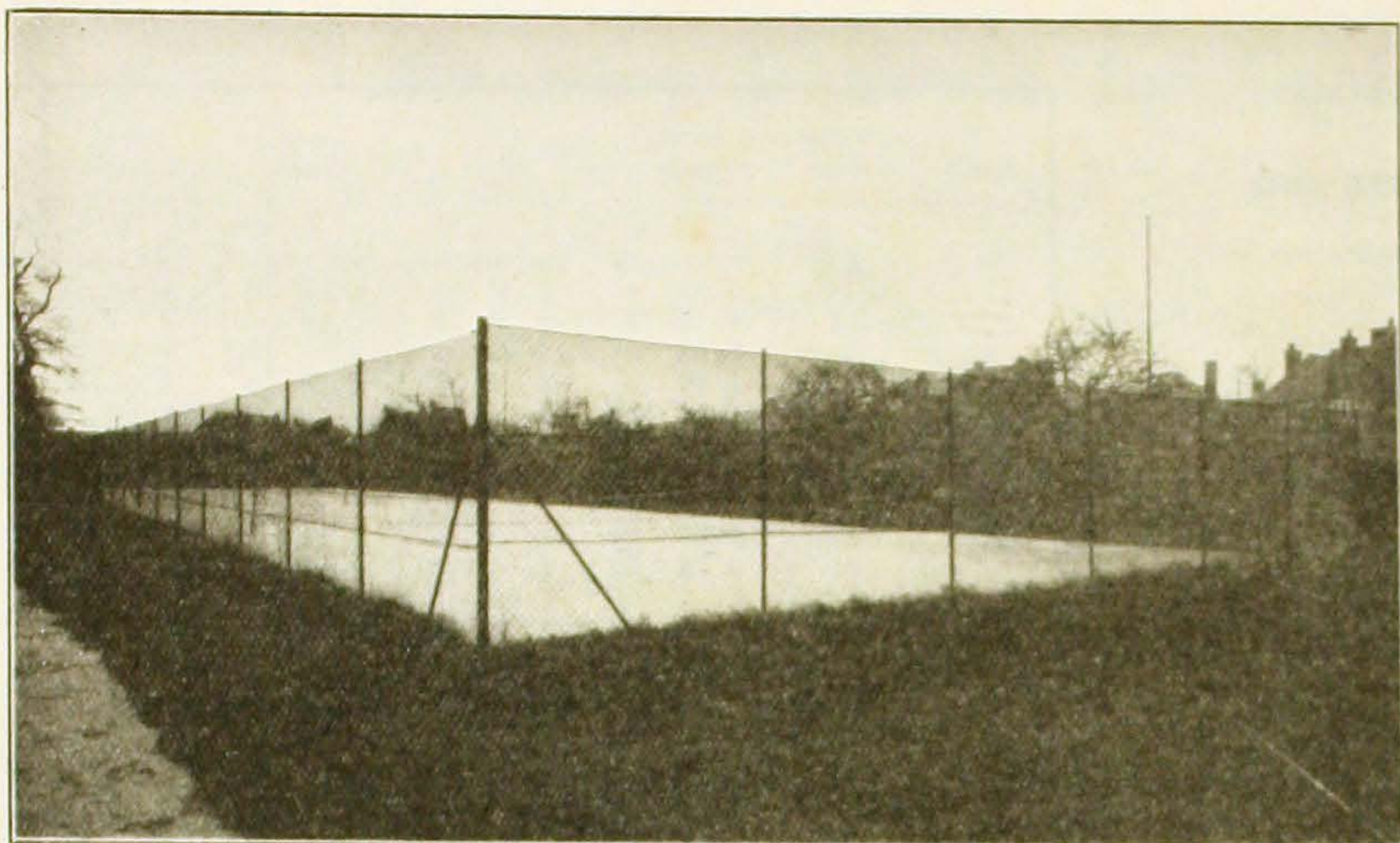
It is an increasingly common sight to see new Post and Plain Wire Fencing along a main road disfigured by bits of wire netting tied to it in order to make it proof against Pigs and Fowls. By little or no additional expense the resulting untidy appearance could have been prevented and the good looks of the job preserved if Galvanised Chain Link Fence had been substituted for plain wire. The same type of posts may be used but they can be placed further apart. This reduction in the number of posts and of the labour digging them in, helps to pay for the additional cost of Chain Link Fencing. The result is a Fence proof against all stock—one which, if a small mesh is used, can be made unclimbable and is as rigid as iron railing. Concrete Posts are suggested because their long life and low maintenance cost, is in keeping with that of the Fencing. If it is required to cheapen the contract Tee Iron Standards as illustrated on page 501 may be used.



The meshes and gauges suggested are :—

- | | |
|-------------------------|--------------------------------|
| For unclimbable Fencing | 2½" or 2" × 9, 10 or 11 gauge. |
| | 2" × 10, 12 or 13 gauge. |
| General Purposes ... | 3" × 9 or 10 gauge. |
| Cattle only ... | 4" or 5" × 9 gauge. |

Special Prices quoted for Large quantities



Actual photograph of Tennis Court Enclosure supplied and erected by us in one of the Birmingham Parks.

Tennis Court Enclosures

Chain Link Tennis Fencing is made of the best galvanised wire and is woven in one piece from top to bottom. There is not a single joint throughout the entire surround.

It always remains firm and rigid. It does not sag, bulge nor become distorted. There are no twists nor jagged ends. It is impossible to scratch one's hands or tear one's clothes on the surround.

Chain Link Tennis Court Fencing can be erected to either iron or wood posts. We recommend iron as their life is longer and more in keeping with that of the Fencing.

The Standard height for Tennis Enclosures is 9' 0" but any height up to 15' 0" can be supplied.

The meshes we recommend are 1½" or 2".

The gauge of wire should be 12, 13 or 14.

When asking for quotations please send us a plan of the enclosure giving dimensions, height required and also position of the Gate.

The illustration below gives the standard dimensions for court and surround.

At each corner there should be a corner straining pillar with two stays.

The Gate hangs between two end pillars which have one stay each.

The Tee Standards should be not more than 10' 0" apart.

Working on this basis the necessary material for a standard size surround (120' x 60') with the gate in one corner is:—

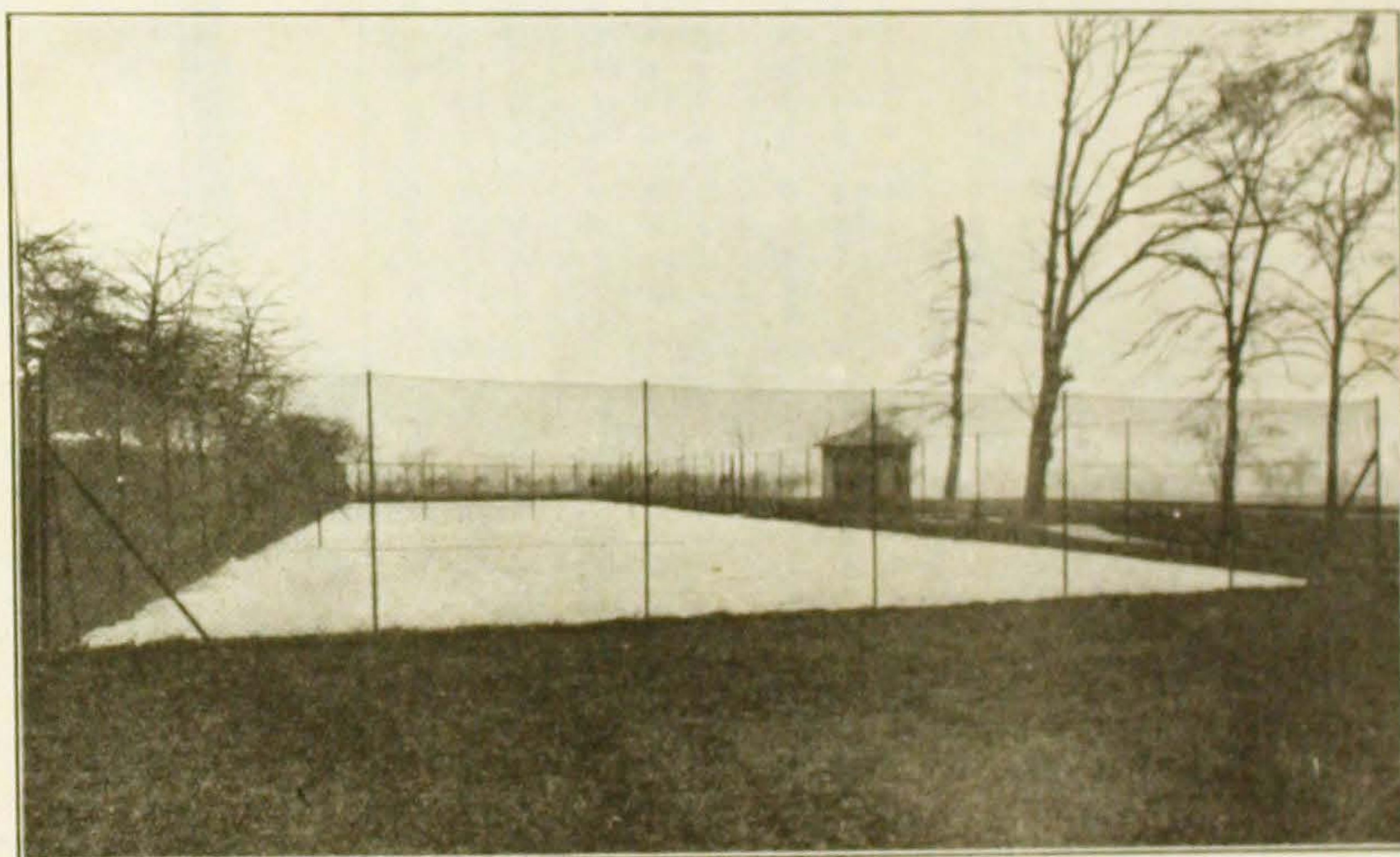
3 Corner Straining Pillars.	1 Gate.
2 End "	32 Tee Standards
120 yds. Chain Link Fencing (we recommend five 25 yd. rolls).	

Should the gate not be in a corner an extra corner straining pillar will be required.

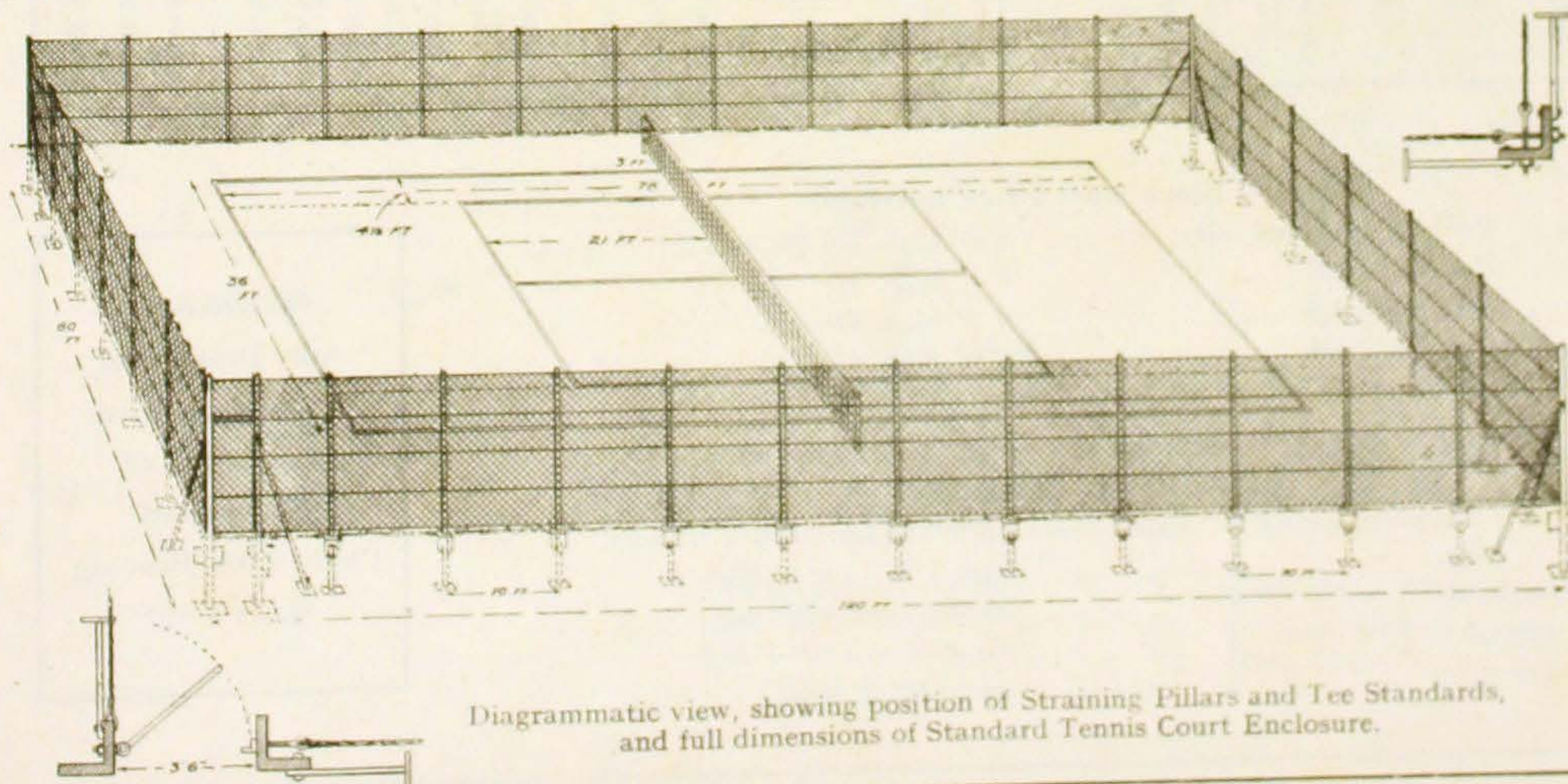
All straining pillars are complete with eye-bolts for tightening line wires.

The End Pillars are prepared to hang and latch Gate.

Ironwork Prices, page 501 ; Chain Link Prices, page 500.



Actual photograph of Tennis Court Enclosure supplied and erected by us in one of the Birmingham Parks.



Diagrammatic view, showing position of Straining Pillars and Tee Standards, and full dimensions of Standard Tennis Court Enclosure.

Most municipal bodies and others who balance the first cost against the years of service given, sometimes under very hard conditions, specify 12 gauge. This gauge is used throughout the Birmingham Parks Tennis Courts.

Tennis Clubs, and in places where the Fencing will not have exceptionally hard usage, No. 13 gauge is suitable.

No. 14 gauge is the lightest we recommend for this purpose and is suitable for private courts.

Special Prices quoted for Large Quantities.

Complete Price List

For GALVANISED CHAIN LINK FENCING No. PFQ 500

NOTE.—All prices quoted include Carriage to any Goods Station in England and Wales.

GENERAL FENCES.

Priced per Roll of 25 yards, complete with Line Wires as specified below.

Mesh.	Gauge Wire.	3' 0" high.	4' 0" high.	5' 0" high.	6' 0" high.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.
1/2"	19	2 9 0	3 5 4	4 1 8	4 18 0
	18	2 17 0	3 16 0	4 15 0	5 14 0
	17	3 5 0	4 6 8	5 8 4	6 10 0
	16	3 14 0	4 18 8	6 3 4	7 8 0
5/8"	19	2 2 6	2 16 8	3 10 10	4 5 0
	18	2 7 6	3 3 4	3 19 2	4 15 0
	17	2 15 6	3 14 0	4 12 6	5 11 0
	16	3 2 6	4 3 4	5 4 2	6 5 0
	15	3 10 6	4 14 0	5 17 6	7 1 0
3/4"	19	1 10 0	2 0 0	2 10 0	3 0 0
	18	1 12 6	2 3 4	2 14 2	3 5 0
	17	2 1 0	2 14 8	3 8 8	4 2 0
	16	2 8 6	3 4 8	4 0 11	4 17 0
	15	2 16 0	3 14 8	4 13 4	5 12 0
	14	3 0 6	4 0 8	5 0 10	6 1 0
1"	18	1 5 6	1 14 0	2 2 6	2 11 0
	17	1 9 0	1 18 8	2 8 4	2 18 0
	16	1 15 6	2 7 4	2 19 2	3 11 0
	15	2 5 6	3 0 8	3 15 10	4 11 0
	14	2 10 0	3 6 8	4 3 4	5 0 0
	13	3 4 6	4 6 0	5 7 6	6 9 6
1 1/4"	17	1 5 0	1 13 4	2 1 8	2 10 0
	16	1 11 6	2 2 0	2 12 6	3 3 0
	15	1 17 0	2 9 4	3 1 8	3 14 0
	14	2 1 0	2 14 8	3 8 8	4 2 0
	13	2 8 6	3 4 8	4 0 10	4 17 0
	12	3 3 0	4 4 0	5 5 0	6 6 0
1 1/2"	16	1 2 0	1 9 4	1 16 8	2 4 0
	15	1 5 0	1 13 4	2 1 8	2 10 0
	14	1 10 0	2 0 0	2 10 0	3 0 0
	13	1 17 0	2 9 4	3 1 8	3 14 0
	12	2 5 0	3 0 0	3 15 0	4 10 0
	11	2 12 0	3 9 4	4 6 8	5 4 0
	10	2 19 6	3 19 4	4 19 2	5 19 0
1 3/4"	16	0 19 6	1 6 0	1 12 6	1 19 0
	15	1 1 6	1 8 8	1 15 10	2 3 0
	14	1 4 0	1 12 0	2 0 0	2 8 0
	13	1 11 6	2 2 0	2 12 6	3 3 0
	12	1 19 6	2 12 8	3 5 10	3 19 0
	11	2 5 6	3 0 8	3 15 10	4 11 0
	10	2 14 0	3 12 0	4 10 0	5 8 0

Mesh.	Gauge Wire.	3' 0" high.	4' 0" high.	5' 0" high.	6' 0" high.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.
2"	16	not made	not made	not made	not made
	15	0 19 6	1 6 0	1 12 6	1 19 0
	14	1 2 0	1 9 4	1 16 8	2 4 0
	13	1 7 0	1 16 0	2 5 0	2 14 0
	12	1 13 0	2 4 0	2 15 0	3 6 0
	11	1 19 6	2 12 8	3 5 10	3 19 0
	10	2 8 6	3 4 8	4 0 10	4 17 0
	9	3 0 0	4 0 0	5 0 0	6 0 0
2 1/2"	15	0 17 6	1 3 4	1 9 2	1 15 0
	14	0 18 6	1 4 8	1 10 10	1 17 0
	13	1 4 0	1 12 0	2 0 0	2 8 0
	12	1 10 0	2 0 0	2 10 0	3 0 0
	11	1 14 0	2 5 4	2 16 8	3 8 0
	10	2 1 6	2 15 4	3 9 2	4 3 0
	9	2 11 6	3 8 8	4 5 10	5 3 0
3"	14	0 17 6	1 3 4	1 9 2	1 15 0
	13	1 0 6	1 7 4	1 14 2	2 1 0
	12	1 6 6	1 15 4	2 4 2	2 13 0
	11	1 9 6	1 19 4	2 9 2	2 19 0
	10	1 16 0	2 8 0	3 0 0	3 12 0
	9	2 0 0	2 13 4	3 6 8	4 0 0
4"	13	1 0 0	1 6 8	1 13 4	2 0 0
	12	1 4 0	1 12 0	2 0 0	2 8 0
	11	1 7 0	1 16 0	2 5 0	2 14 0
	10	1 9 6	1 19 4	2 9 2	2 19 0
	9	1 13 6	2 4 8	2 15 0	3 7 0
	8	2 0 0	2 13 4	3 6 8	4 0 0
5"	12	1 0 0	1 6 8	1 13 4	2 0 0
	11	1 3 0	1 10 8	1 18 4	2 6 0
	10	1 4 6	1 12 8	2 0 10	2 9 0
	9	1 7 0	1 16 0	2 5 0	2 14 0
	8	1 12 6	2 3 4	2 14 2	3 5 0

TENNIS COURT FENCING No. PFQ 501

Priced per 25 yard roll (complete with Line Wires as stated below.)

Mesh.	Gauge Wire.	8' 0" high.	9' 0" high.	10' 0" high.	12' 0" high.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.
2"	15	2 12 0	2 18 6	3 5 0	3 18 0
	14	2 18 8	3 6 0	3 13 4	4 8 0
	13	3 12 0	4 1 0	4 10 0	5 8 0
	12	4 8 0	4 19 0	5 10 0	6 12 0
1 1/4"	15	2 17 4	3 4 6	3 11 8	4 6 0
	14	3 4 0	3 12 0	4 0 0	4 16 0
	13	4 4 0	4 14 6	5 5 0	6 6 0
1 1/2"	16	2 18 8	3 6 0	3 13 4	4 8 0
	15	3 6 8	3 15 0	4 3 4	5 0 0
	14	4 0 0	4 10 0	5 0 0	6 0 0
	13	4 18 8	5 11 0	6 3 4	7 8 0

Extras—Black Rust Proof Solution.

3' 0" high, 1/- per roll	4' 0" high, 1/4 per roll.
5' 0" high, 1/8 "	6' 0" high, 2/- "
8' 0" high, 2/8 "	9' 0" high, 3/- "
10' 0" high, 3/4 "	12' 0" high, 4/- "

All Nett Prices.

"Line" Wires with each 25 yard Roll are supplied WITHOUT CHARGE.

50 yards sufficient for 2 "Line" Wires up to and including 4' 0" high.	
75 yards " " 3 " " from 4' 6" to 6' 6" high.	
100 yards " " 4 " " for 7' 0" and 8' 0" high.	
125 yards " " 5 " " for 9' 0" and 10' 0" high.	
150 yards " " 6 " " up to 12' 0" high.	

Replace old Fences
by instalments.

Galvanised
Chain Link joins
without showing
the joint.

Write for
fully Illustrated
and Descriptive
Catalogue of
Galvanised
Chain Link Fencing.
No. CL 507.

Necessary Ironwork for Chain Link Fencing

PRICES OF IRONWORK

List No. PFQ 502

Galvanised Chain Link Tennis Court Enclosures.

Corner and End Straining Pillars.

Angle Iron, $2\frac{1}{2}" \times 2\frac{1}{2}" \times \frac{1}{8}"$, below ground 2' 6"; earth plate $10" \times 10" \times \frac{1}{8}"$; stays, Angle Iron, $1\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{8}"$ with $8" \times 8" \times \frac{1}{8}"$ earth-plate; pillars punched for and complete with necessary eye-bolts for straining Line Wires.

Height of Fence.	End Pillars (One Stay).	Corner Pillars (Two Stay).
8' 0"	29/-	37/2
9' 0"	32/2	40/10
10' 0"	35/6	44/6
12' 0"	42/-	52/-

TEE Iron Intermediate Standards for Chain Link Tennis Court Enclosures.

All Standards to go 2' 0" in ground, punched to take the Line Wires supplied free with Chain Link Fencing. Standards should have either a Thrust Plate or a Base Plate. If Posts are put in Concrete a Base Plate should be used.

Height of Fence	Size $1\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{8}"$	Size $1\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{4}"$
8' 0"	3/9	5/-
9' 0"	4/1	5/5
10' 0"	4/5	5/10
12' 0"	4/10	6/7

Bent Over Thrust Plates, $7" \times 3\frac{1}{2}"$ to suit any size Standard, $4\frac{1}{2}$ d. each, extra.

Base Plates, $8" \times 8"$, rivetted to bottom of standard, 9d. each extra.

Intermediate Tee Iron Standards.

For Chain Link Fencing usually required 9' 0" apart.

T Standards $1\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{8}"$, complete with $7" \times 3\frac{1}{2}"$ bent-over Thrust Plate; Standards pointed at bottom and punched to take the Line Wires (supplied free with Chain Link Fencing).

Height of Fence.	No. of Line Wires.	Overall length of Standard.	To go into Ground.	Carriage Paid England & Wales Priced each.
2' 0"	2	3' 8"	1' 6"	2/2
2' 6"	2	4' 2"	1' 6"	2/4
3' 0"	2	4' 8"	1' 6"	2/6
3' 6"	2	5' 2"	1' 6"	2/8
4' 0"	2	6' 2"	2' 0"	2/11
4' 6"	3	6' 8"	2' 0"	3/1
5' 0"	3	7' 2"	2' 0"	3/3
5' 6"	3	7' 8"	2' 0"	3/5
6' 0"	3	8' 2"	2' 0"	3/7
7' 0"	4	9' 2"	2' 0"	3/11

The top Line Wire is 2" below top of standard.

Corner and End Straining Pillars.

Angle Iron Pillars, $2" \times 2" \times \frac{1}{4}"$, with $9" \times 9"$ base plate; stays, angle iron $1\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{8}"$, having $8" \times 8"$ base plate, complete with straining eye-bolts.

Height of Fence.	End Pillars (One Stay).	Corner Pillars (Two Stays).	Depth in Ground.
Up to 4' 0"	11/8	16/6	2' 0"
4' 0" } 4' 6" } 5' 0" }	13/2	18/9	2' 6"
5' 6" } 6' 0" }	15/5	21/9	2' 6"
7' 0"	17/8	24/9	2' 6"

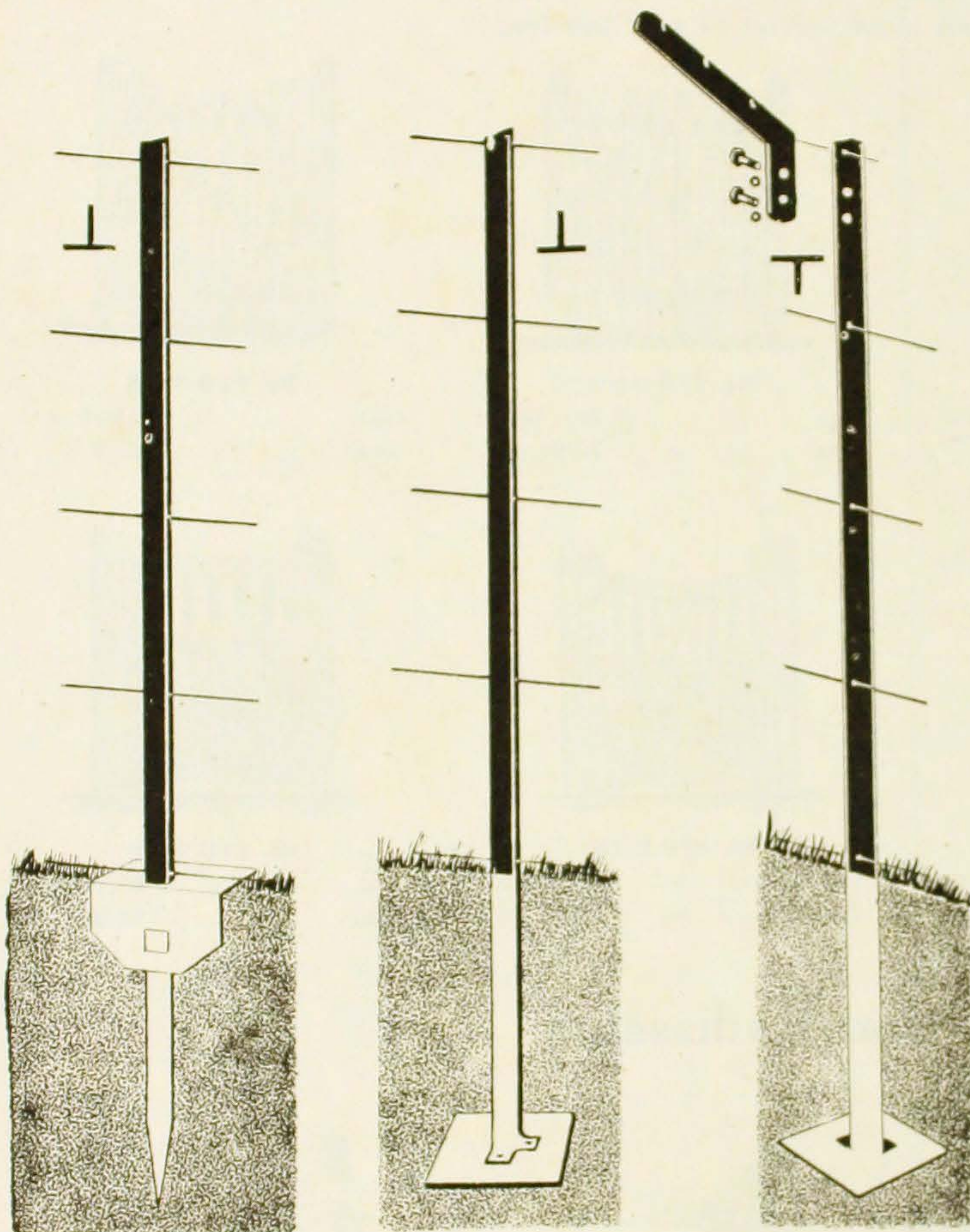
All the above Ironwork jet varnished one coat before leaving works.

Intermediate Straining Pillars.

Pillars with two Stays each, the same prices as Corner Pillars stated above.

Bent Over Arms at Top of Standards.

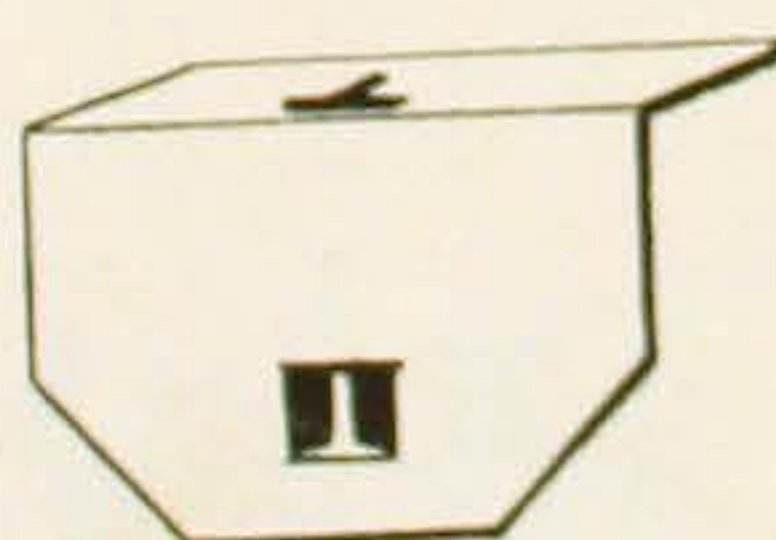
15" long, with two screw holes, slotted to take three rows of Barbed Wire, 1/6 each.



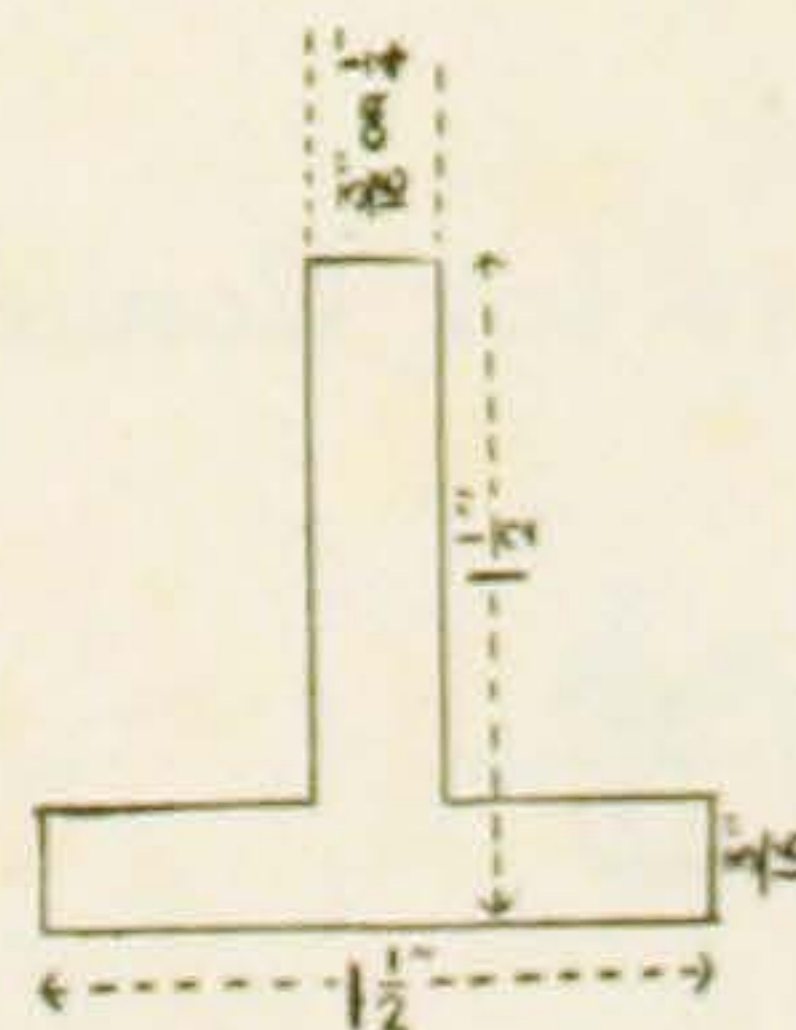
T Standard with Thrust Plate.

T Standard with Base Plate.

T Standard with Bent-over Arm to take three rows of Barbed Wire.



Thrust Plate.

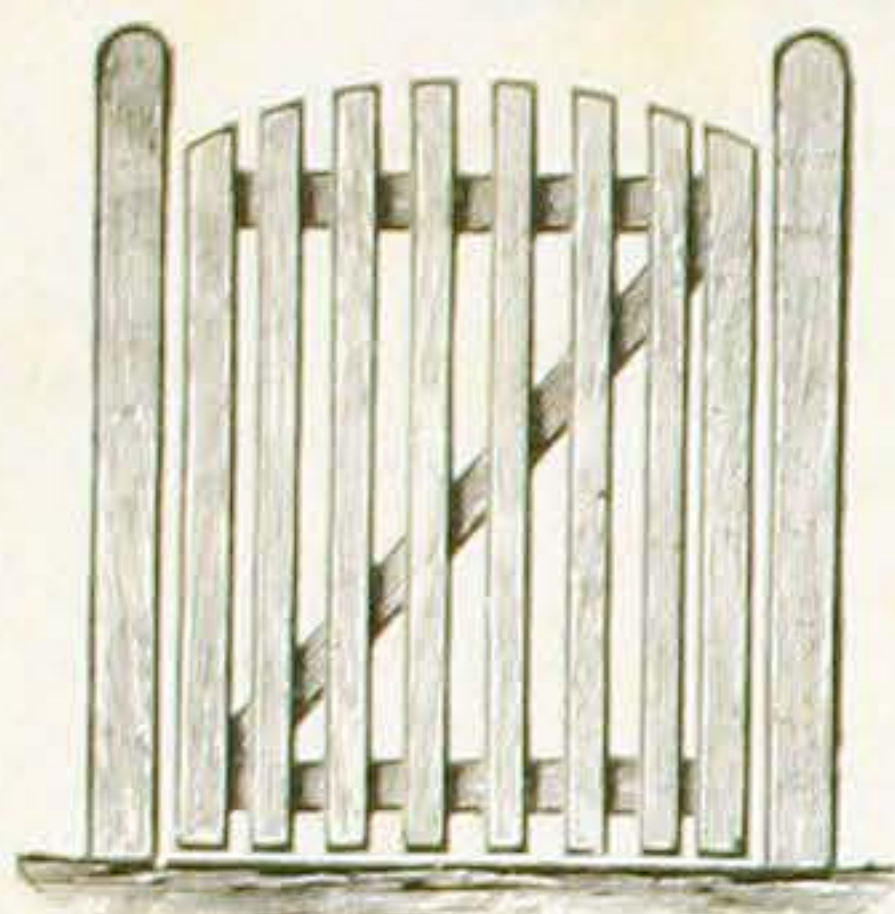


Enlarged Tee Section shewing measurement.

Entrance Gates

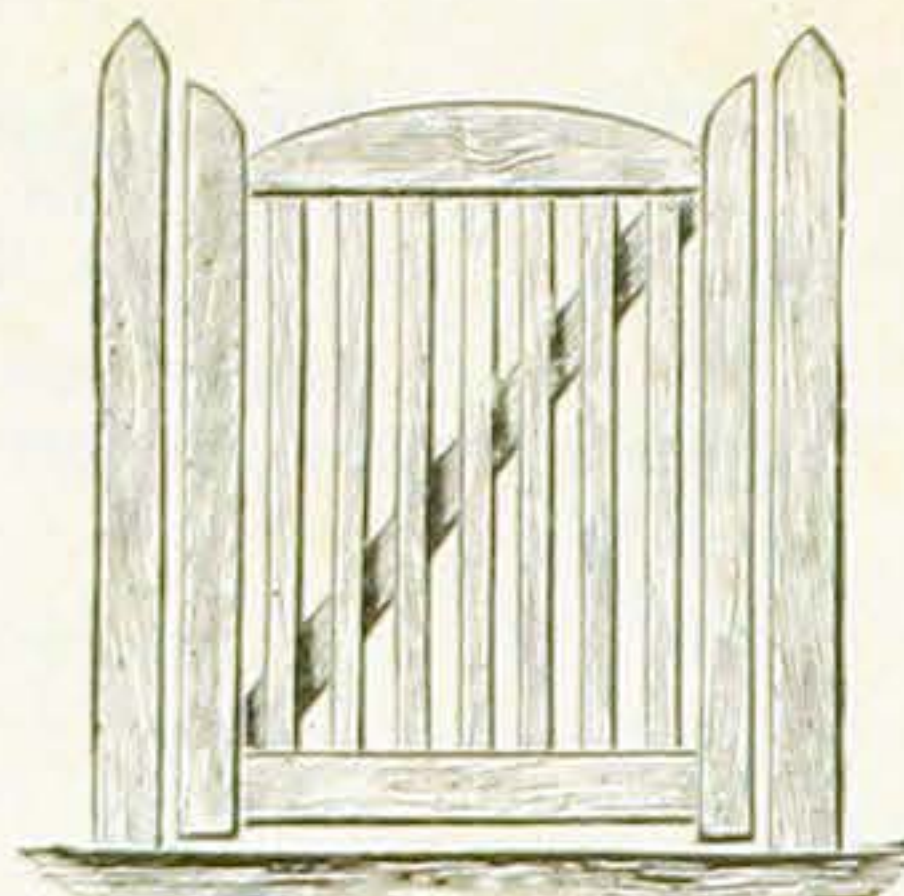
Prices quoted below are for Gates in English Oak and Deal, 3' 6" high overall $\times$ 3' 0" $\times$ 2"

Prices for Posts quoted upon receipt of specification.



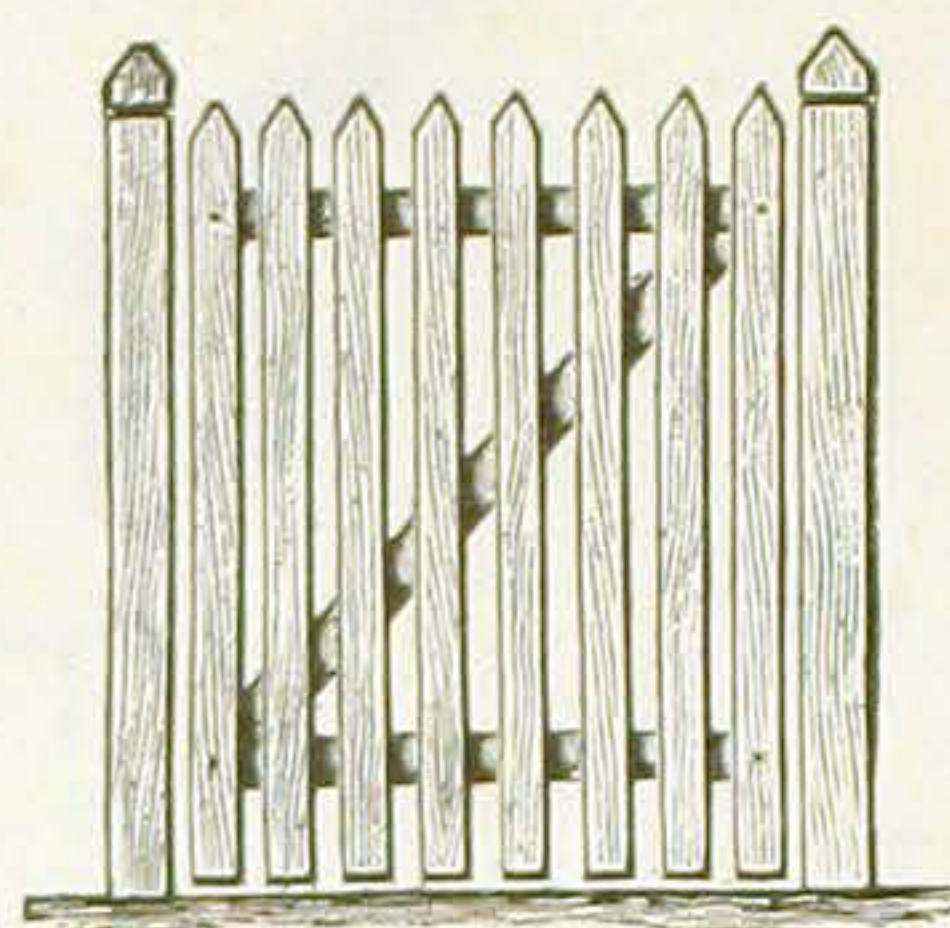
No. PFO 200

Oak 22/7 each.
Deal 20/- "



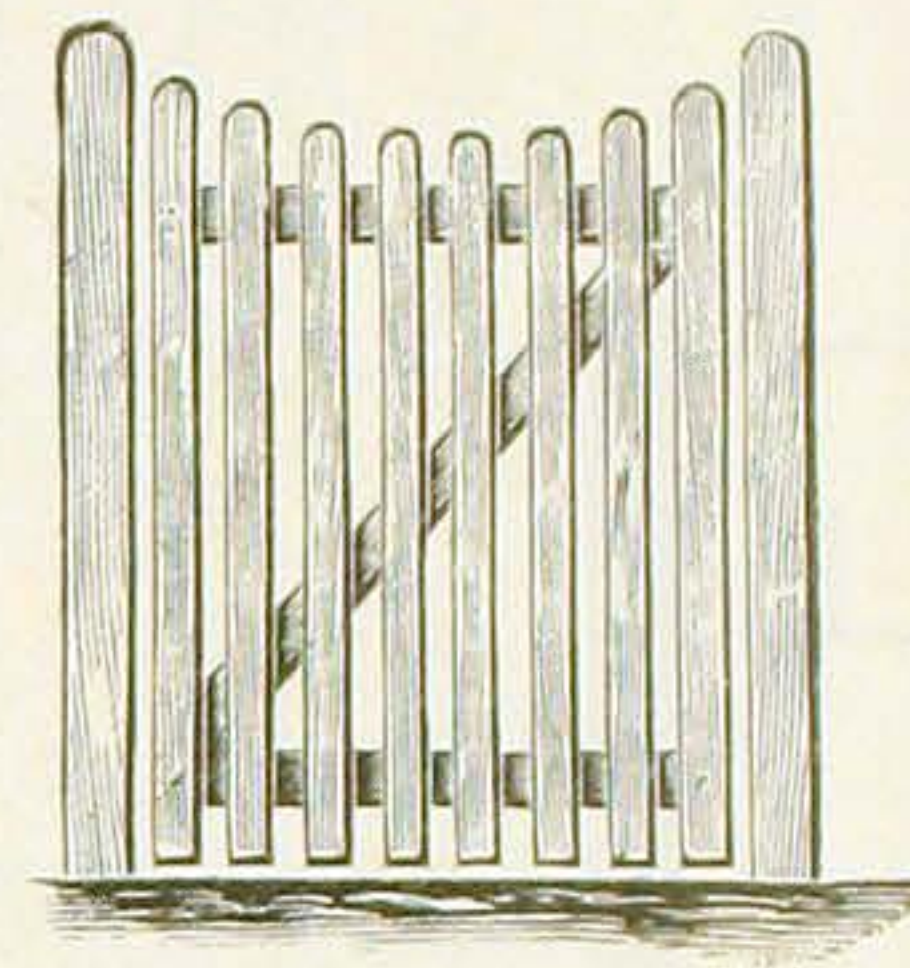
No. PFO 201

Oak 36/9 each.
Deal 27/8 "



No. PFO 202

Oak 23/- each.
Deal 20/9 "



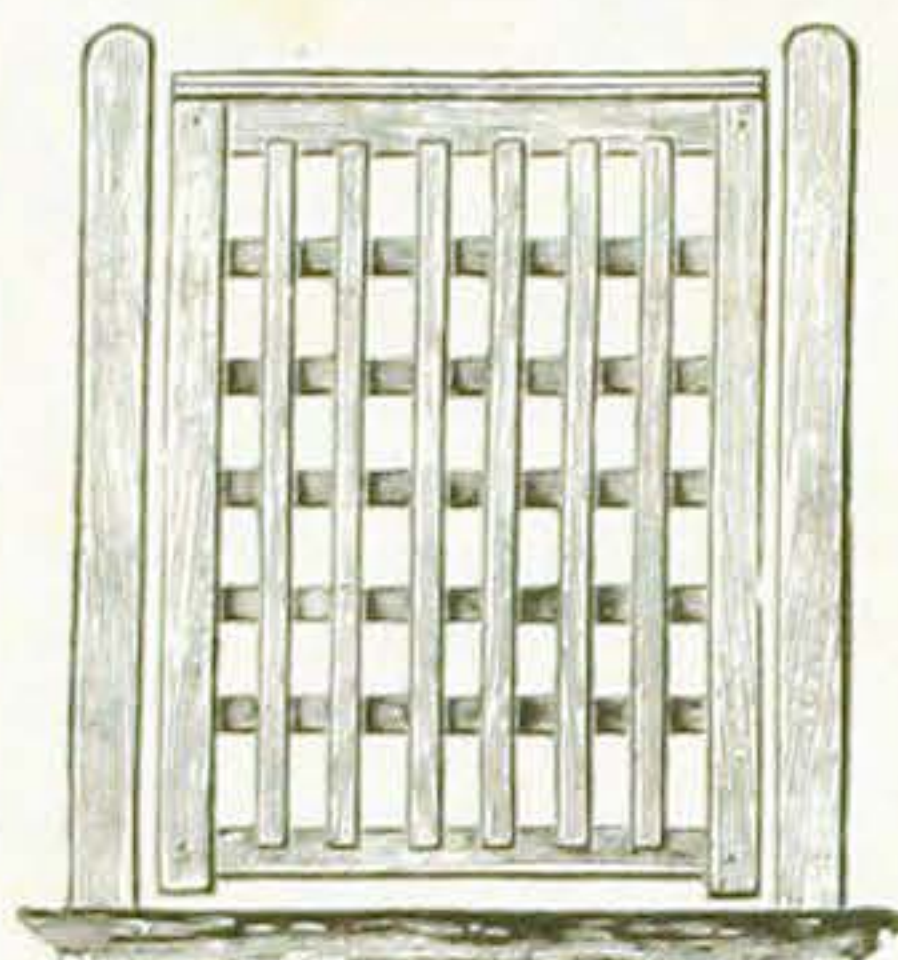
No. PFO 203

Oak 23/10 each.
Deal 20/9 "



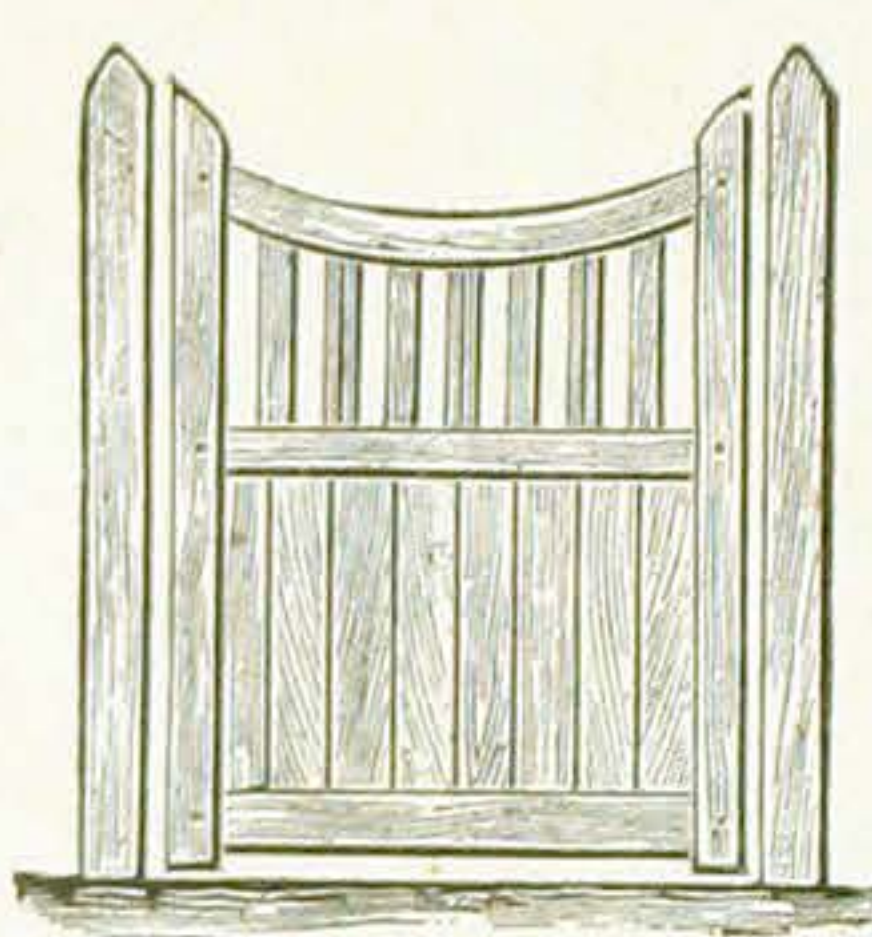
No. PFO 204

Oak 30/8 each.
Deal 24/6 "



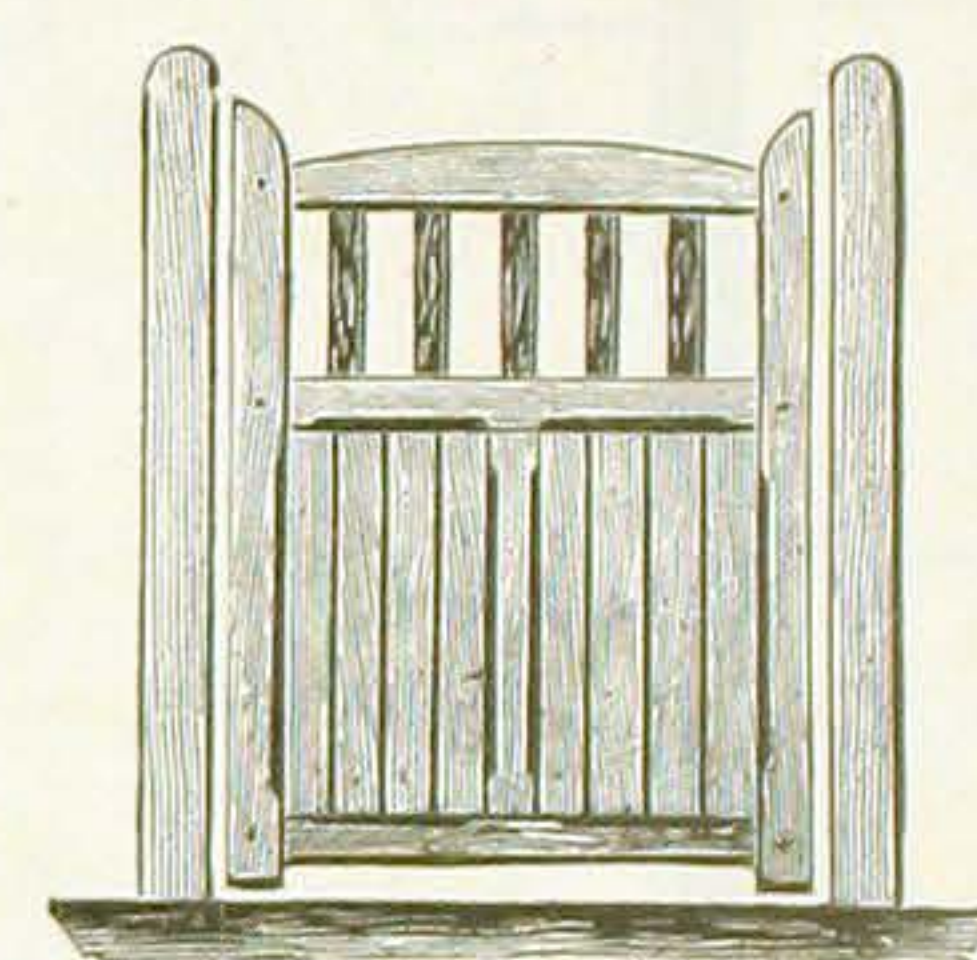
No. PFO 205

Oak 41/4 each.
Deal 30/8 "



No. PFO 206

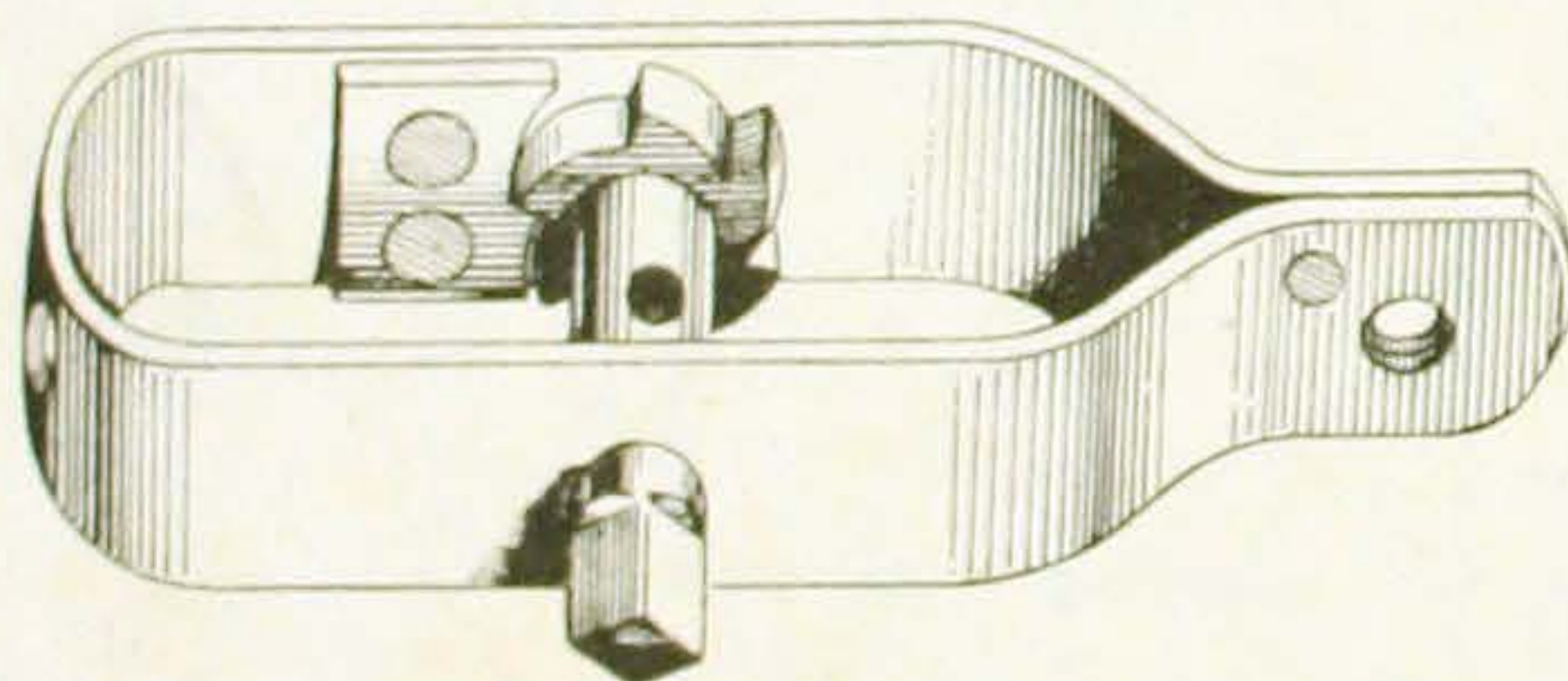
Oak 53/7 each.
Deal 41/4 "



No. PFO 207

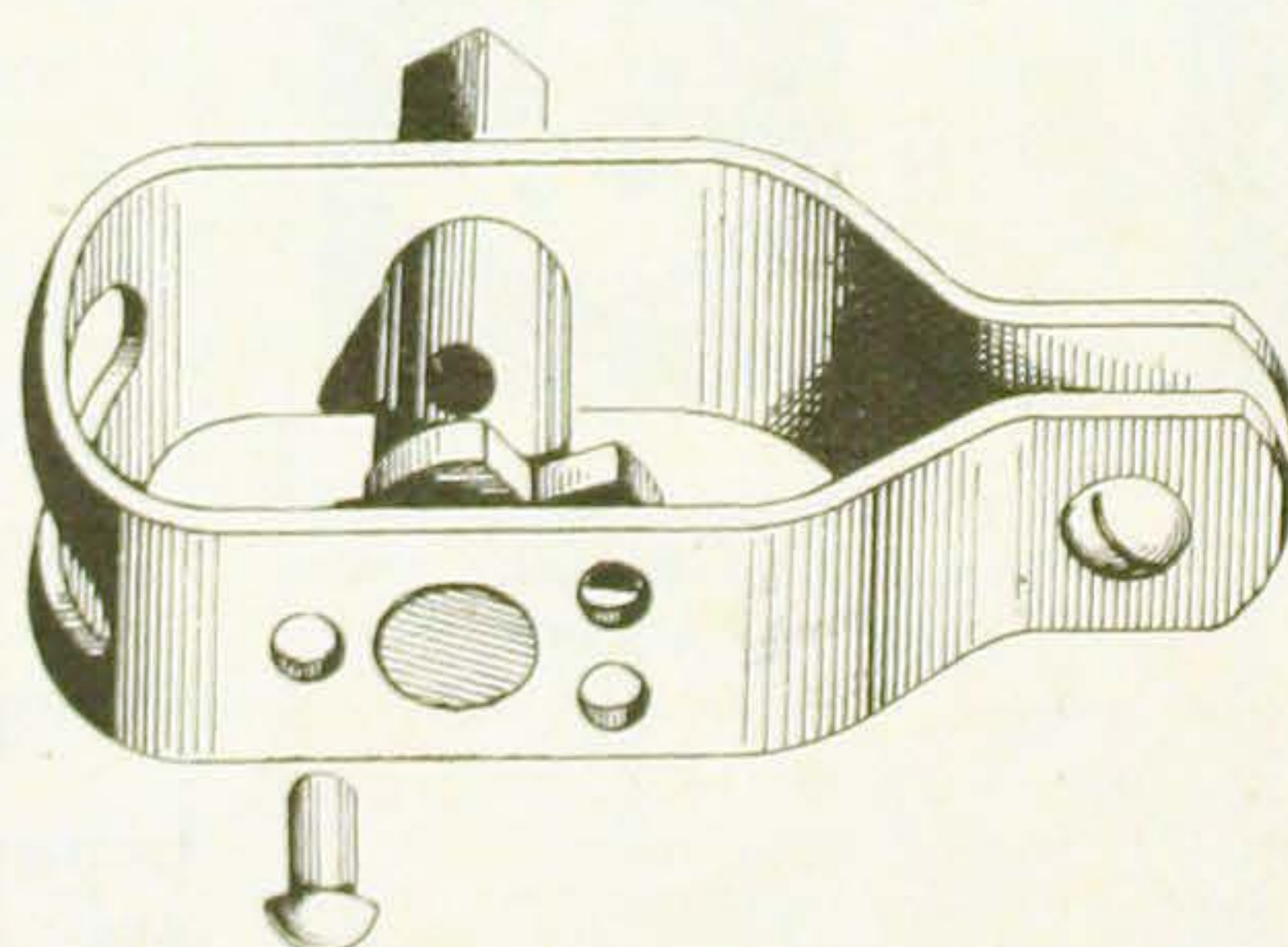
Oak 68/10 each.
Deal 55/2 "

Galvanised Iron Radisseurs



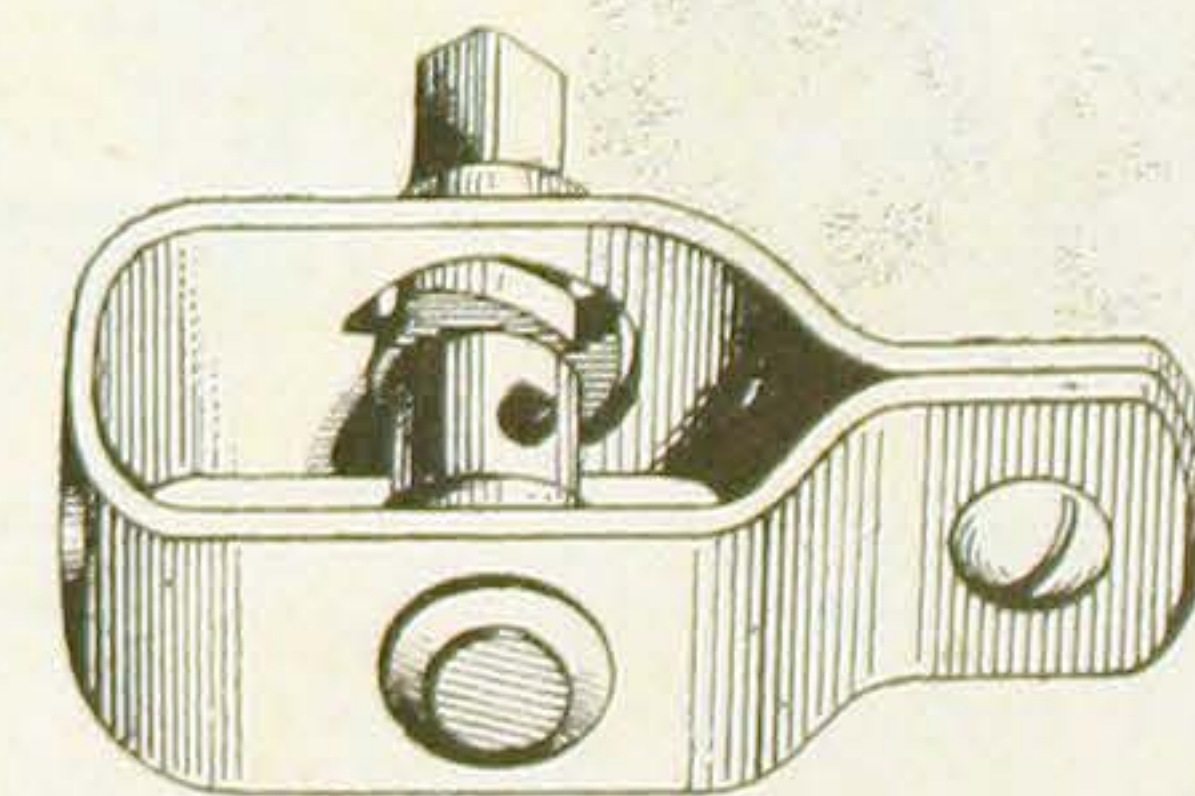
No. PFO 306

Small 4" $\times$ 1" $\times$ 14G. material 11/10 dozen.
Large 5 1/2" $\times$ 1 1/4" $\times$ 12G. " 16/8 "



No. PFO 307

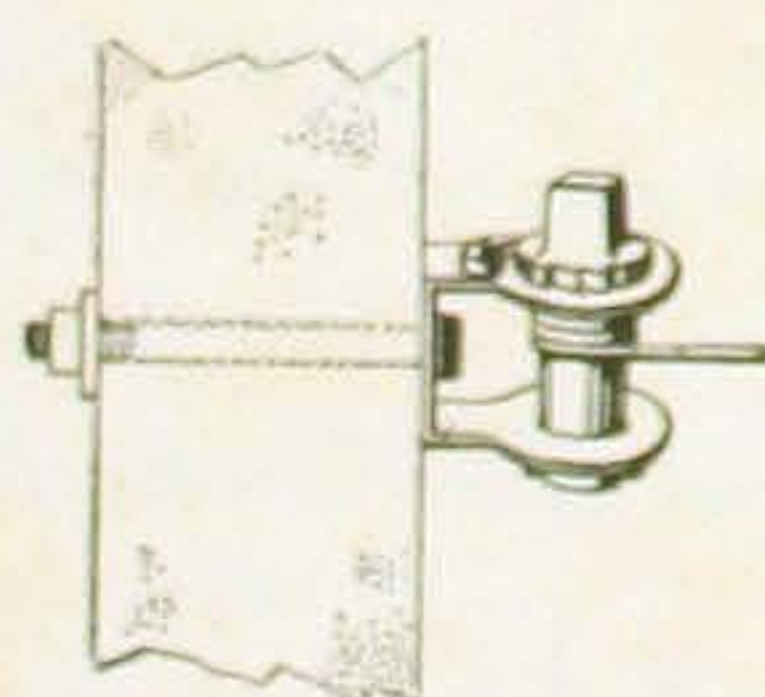
Large 4 1/2" $\times$ 1 1/2" $\times$ 11G. material, 14/- dozen.



No. PFO 308

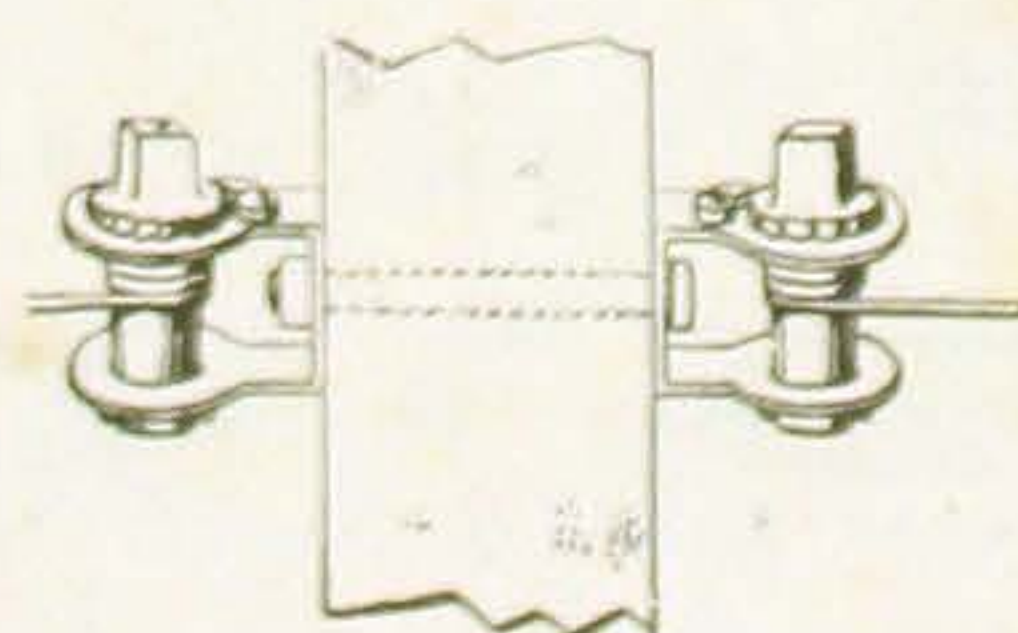
Small, 3" $\times$ 1 1/4" $\times$ 15G. material, 8/9 dozen.

Galvanised Wire Strainers for Concrete Posts



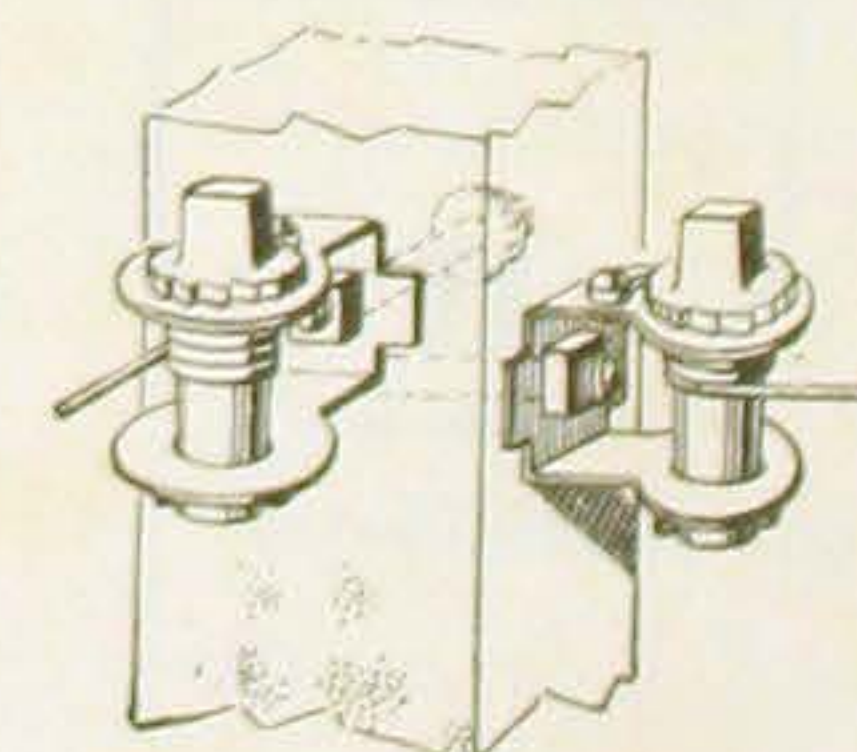
No. PFO 302

Terminal, with bolts, 31/6 dozen.



No. PFO 304

Intermediate, to strain both ways, 57/9 doz.



No. PFO 305

Corner, to strain two ways, 63/- dozen.

MEMORANDUM NOTES

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